

Hangar 1 Data Summary Submittal

High Occupancy Area of Zone 4

Former Naval Air Station Moffett Field, California

prepared on behalf of
Planetary Ventures, LLC

prepared by
Rincon Consultants, Inc.

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Acronyms and Abbreviations

CCV	Continuing Calibration Verification
DQO	Data Quality Objective
DSS	Data Summary Submittal
DUA	Data Usability Assessment
EKI	EKI Environment & Water, Inc.
Enthalpy	Enthalpy Analytical, LLC
ft^2	Square Feet
LCS	Laboratory Control Spike
LCSD	Laboratory Control Spike Duplicate
LDC	Lab Data Consultants
McCarthy	McCarthy Building Companies, Inc.
MPC	Measurement Performance Criteria
NACE	National Association of Corrosion Engineers
NASA	National Aeronautics and Space Administration
NTCRA	Non-Time-Critical Removal Action
%D	Percent Difference
PCB	Polychlorinated Biphenyl
PV	Planetary Ventures, LLC
QA	Quality Assurance
QC	Quality Control
QL	Quantitation Limit
Rincon	Rincon Consultants, Inc.
RPD	Relative Percent Difference
SOP	Standard Operating Procedure
SSPC	Society for Protective Coatings
UCL	Upper Confidence Limit
µg/100 cm^2	Micrograms per 100 Square Centimeters
µg/ft^2	Micrograms per Square Foot
UFP-QAPP	Uniform Federal Policy Quality Assurance Project Plan
U.S. EPA	United States Environmental Protection Agency
Water Board	San Francisco Bay Regional Water Quality Control Board

Executive Summary

Rincon Consultants, Inc. (Rincon) has prepared this Data Summary Submittal (DSS) on behalf of Planetary Ventures, LLC (PV) for the sampling and analytical activities associated with abatement activities within the high occupancy area of Zone 4 of Hangar 1 (Figure 1), located at the Former Naval Air Station Moffett Field, California, conducted pursuant to the Agency-approved Final Hangar 1 Non-Time-Critical Removal Action (NTCRA) Work Plan. This DSS has been prepared to document achievement of the Project Cleanup Goals for the structural steel within the high occupancy area of Zone 4 within Hangar 1.

The National Association of Corrosion Engineers (NACE) inspection reports indicate that the lead and polychlorinated biphenyl (PCB) impacted paint was successfully removed and the surface cleanliness goal has been met, as shown in Attachment 1, and the Data Usability Assessment (DUA) indicates that the collected confirmation wipe sampling data are suitable for comparison against the numeric Cleanup Goals. The 95-percent upper confidence limit (UCL) for the mean lead concentration in the 96 wipe samples collected from within the high occupancy area of Zone 4 was approximately 150 micrograms per square foot (µg/ft^2), which is less than the numeric Cleanup Goals for lead (i.e., 250 µg/ft^2). The 95-percent UCL for the mean PCB concentration in the confirmation wipe samples could not be calculated because PCBs were not detected above the highest reported laboratory quantitation limit of 0.5 micrograms per 100 square centimeters (i.e., <0.5 µg/100 cm^2) in any of the confirmation samples collected from within the high occupancy area of Zone 4.

As indicated by the NACE inspection reports and the lead and PCB confirmation wipe sampling results, the high occupancy area of Zone 4 is suitable for unrestricted use. Based on the findings presented herein, PV requests that the United States Environmental Protection Agency (U.S. EPA) and San Francisco Regional Water Quality Control Board (Water Board) provide concurrence that no further abatement is required for the high occupancy area of Zone 4.

1 Introduction

Rincon Consultants, Inc. (Rincon) has prepared this Data Summary Submittal (DSS) on behalf of Planetary Ventures, LLC (PV) to document attainment of the Project Cleanup Goals within the high occupancy area[1] of Zone 4 of Hangar 1 (Figure 1), located at Former Naval Air Station Moffett Field, California, conducted pursuant the Agency-approved[2] Final Hangar 1 Non-Time-Critical Removal Action (NTCRA) Work Plan (EKI, 2022). Additional details about the sampling procedures and analytical methods used in the collection of these samples are presented in the NTCRA Work Plan.

The NTCRA is currently being performed by PV on behalf of the National Aeronautics and Space Administration (NASA), the Responsible Party for Hangar 1, and is being conducted by McCarthy Building Company (McCarthy), which has been retained by PV. The United States Environmental Protection Agency (U.S. EPA) and the San Francisco Bay Regional Water Quality Control Board (Water Board) are the Regulatory Agencies providing regulatory oversight during implementation of the NTCRA. Additional details about the planned removal action are presented in the NTCRA Work Plan (EKI, 2022).

This DSS has been prepared to document achievement of the Project Cleanup Goals for the structural steel within the high occupancy area of Zone 4 of Hangar 1 and includes:

(1) The National Association of Corrosion Engineers (NACE) inspection reports documenting the removal of all visible paint from the abated surfaces and achievement of a NACE #3 / Society for Protective Coatings (SSPC) SP-6 Surface Cleanliness Standard (Attachment 1);
(2) The tabulated confirmation sampling results for the validated data (Attachment 2);
(3) The final laboratory analytical reports for the confirmation wipe samples and field quality control (QC) samples (Attachment 3);
(4) The input and output files for the calculated the 95-percent upper confidence limits (UCLs) for the mean concentration of lead in the confirmation wipe samples (Attachment 4); and,
(5) The data validation reports prepared by Lab Data Consultants (LDC) (Attachment 5).

Discussion of the clearance wipe sampling results for the high and low occupancy areas within Enclosure A/B and C/D of Zone 4 were included in the data summary submittal report prepared by Rincon for the low occupancy area of Zone 4 (Rincon, 2023a).

[1] The high occupancy area of Zone 4 includes the area below the arch pin (i.e., below 55-feet) in Enclosures A/B and C/D.

[2] The NTCRA Work Plan was approved by the Agencies on March 4, 2022.

2 Attainment of Project Cleanup Goals

In accordance with Section 5.1 of the NTCRA Work Plan, the Project Cleanup Goals for non-porous surfaces in high occupancy areas are as follows.

Substrate	Chemicals	Elements	Project Cleanup Goals
Non-Porous Surfaces	• Lead • PCBs	• Visual Inspection by qualified NACE/SSPC surface coating inspector	• No visible paint remains • Achievement of NACE 3/SSPC SP-6 surface preparation and visible cleanliness standard
		• Collection and analysis of wipe confirmation samples	• Lead: <250 micrograms per square foot (µg/ft^2) • PCBs: ≤10 micrograms per 100 square centimeters (µg/100 cm^2)

To meet the numeric Cleanup Goals, the 95-percent UCL of the mean concentration of lead and PCBs in the confirmation wipe samples must be less than the indicated concentrations. In addition, the NTCRA Work Plan requires that no single confirmation wipe sample result exceeds 5-times the numeric Cleanup Goal and that no more than 10-percent of the confirmation wipe sample results exceed 3-times the numeric Cleanup Goal.

The visual inspection (Section 2.1) and confirmation wipe sampling (Section 2.2) results indicate that the Project Cleanup Goals have been met and no additional abatement is necessary within the high occupancy area of Zone 4.

2.1 Visual Inspections

In accordance with the NTCRA Work Plan, following completion of abatement[3] and cleaning activities and prior to the collection of confirmation wipe samples, a qualified NACE inspector inspected the surfaces for the presence of visible paint and the achievement of a NACE #3/SSPC SP-6 surface cleanliness standard.

Within the high occupancy area of Zone 4, the qualified NACE inspector confirmed that all visible paint had been removed from the abated surfaces and that the abated surfaces achieved a NACE #3/SSPC SP-6 surface cleanliness standard or better. The NACE inspection reports are included in Attachment 1.[4]

[3] Abatement within the high occupancy portion of Zone 4 was completed on July 21, 2023.

[4] The Zone and Enclosure, as well as the scaffolding levels that correspond with wipe sample locations are provided within the header and/or notes sections of the NACE inspection reports.

2.2 Confirmation Sampling Results

In accordance with the NTCRA Work Plan, following confirmation that the non-porous surfaces met NACE #3/SSPC SP-6 surface preparation and visual cleanliness standard, confirmation wipe samples were collected for comparison to the numeric Cleanup Goals for lead and PCBs.

2.2.1 Initial Abatement and Sampling Efforts

A total of 227 confirmation wipe samples[5] were collected from the high occupancy area of Zone 4, including QC samples (i.e., field blank samples[6] and field duplicate samples). Of the 227 confirmation wipe samples, and associated QC samples, 115 were lead wipe samples and 112 were PCB wipe samples:

- 96 lead confirmation wipe samples and 96 PCB confirmation wipe samples;
- Three lead media blanks;[7]
- Six lead field blank samples and six PCB field blank samples; and,
- Ten lead duplicate confirmation wipe samples and ten PCB duplicate confirmation wipe samples.

The tabulated confirmation wipe sampling and QC results, with both laboratory and data validation flags are included in Attachment 2. The laboratory analytical reports for confirmation wipe samples and QC samples are included in Attachment 3. Based on the data validation reports (Attachment 5), QC samples, and the data useability assessment (Section 3), the validated confirmation sampling data (Attachment 2) are considered suitable for comparison to the numeric Cleanup Goals.

2.2.2 Re-abatement and Re-sampling Efforts

Within the high occupancy area of Zone 4, lead was detected above the numeric Cleanup Goal in 20 samples. As seen in Table 1 below, the reported lead concentration in one sample exceeded 5-times the numeric Cleanup Goal (i.e., 1,250 µg/ft^2).[8] Due to the elevated lead concentrations in the original confirmation wipe sample and in accordance with the UFP-QAPP, Certified Coatings Company (CCC) and McCarthy re-abated the area represented by this sample. The approximately 1,000 square foot area represented by the sample location was re-abated, re-cleaned, re-inspected, and re-sampled, which resulted in the collection of one additional lead sample. As seen in Table 1, lead concentration in the confirmation wipe sample collected following re-abatement was below the numeric Cleanup Goal (i.e., 250 µg/ft^2). As PCBs were not detected in any of the confirmation wipe samples, re-abatement due to elevated PCB concentrations and re-sampling for PCBs was not necessary.

Table 1 Lead Wipe Re-Abatement Summary

Initial Sample ID	Initial Lead Concentration (µg/ft^2)	Lead Concentration After Re-Abatement (µg/ft^2)
AFRAME-C6W-MED-L1-UP-C6.1-DG-230724-SS	2,200	1.9

2.2.3 Evaluation of the Confirmation Wipe Sampling Data

Once re-abatement, re-cleaning, and re-sampling activities were completed, a total of 19 of the lead confirmation wipe samples, or approximately 20-percent, exceeded the numeric Cleanup Goal of

[5] Wipe samples from areas that were re-abated and re-sampled are not included in this total count and are discussed in Section 2.2.2.

[6] Field blank samples collected on June 1, 2023 from within the high occupancy area of Zone 4 were identified as media blank samples at the time of collection, therefore in laboratory analytical reports and data validation reports, these samples are referred to as media blank samples.

[7] As discussed further in Section 3.4.3, media blank samples were only collected and analyzed for lead.

[8] The confirmation wipe sample which exceeded 5-times the Cleanup Goal were collected on July 24, 2023.

<250 µg/ft^2. However, none of the lead concentrations in the confirmation wipe samples collected from within the high occupancy area of Zone 4 exceeded 3-times or 5-times the numeric Cleanup Goal following re-abatement.

Rincon calculated the 95-percent UCL for the mean lead concentration in the confirmation wipe samples using Version 5.2 of the ProUCL program (U.S. EPA, 2022). The results for the field blank samples, the lower of the duplicate sampling results, and the original results from the locations that were re-abated and re-sampled were not included in the calculation of the 95-percent UCL. As shown in Table 2, the 95-percent UCL of the mean lead concentration (i.e., approximately 150 µg/ft^2) is below the numeric Cleanup Goal. The ProUCL input and output files for lead are included in Attachment 4.

All PCB confirmation wipe sample results were below 0.5 µg/100 cm^2, the highest reported laboratory quantitation limit (QL); therefore, none of the PCB sample results exceeded the numeric Cleanup Goal for the high occupancy area of ≤10 µg/100 cm^2. The 95-percent UCL could not be calculated for PCBs because PCBs were not detected above laboratory QLs in any of the confirmation wipe samples collected within the high occupancy area of Zone 4.

Table 2 95-Percent UCL for Confirmation Wipe Samples

Analyte	Method	Project Cleanup Goal	95% UCL
Lead	U.S. EPA Method 3050M/6010B	<250 µg/ft^2	150 µg/ft^2
PCB	U.S. EPA Method 8082	≤10 µg/100 cm^2	-- [a]

Notes:
[a] The 95-percent UCL could not be calculated for PCBs because all analytical results were below laboratory QLs.

3 Data Usability Assessment

This section summarizes Rincon's review of the data validation reports prepared by LDC for the confirmation wipe samples (Attachment 5). It also reviews field documentation and procedures for compliance with sampling procedures included in the Uniform Federal Policy Quality Assurance Project Plan (UFP-QAPP) as well as the number of samples and field QC samples to confirm they are consistent with the frequencies listed in the UFP-QAPP.

Based on this data usability assessment (DUA), the validated confirmation sampling data are considered suitable to assess whether the 95-percent UCL of the mean concentrations of lead and PCBs in the confirmation wipe samples are less than the numeric Cleanup Goals. However, as all PCB confirmation wipe sample results were below the highest reported laboratory QL (i.e., 0.5 µg/100 cm^2) a 95-percent UCL could not be calculated for PCBs.

3.1 Data Verification

At the end of each day of sampling, Rincon personnel verified that appropriate field records were present and complete for each specific activity conducted. In addition, Rincon personnel verified that all planned samples, including field QC samples, were collected and adequately documented. The Rincon Data Manager verified that all changes/exceptions to the scope of work were documented and reported appropriately in Biweekly Reports prepared during abatement activities. Chain-of-custody forms were reviewed at the end of each day of sampling by the Rincon Data Manager to confirm that each form was filled out appropriately, and that all required samples, signatures, and dates were present.

A field audit by Rincon's field manager, which included a review of the field sampling protocols, was conducted on May 1, 2023. Rincon's field manager observed field personnel conducting field sampling activities to confirm that all activities were conducted in accordance with standard operating procedures (SOPs) developed for field sampling activities associated with the NTCRA.[9] The results of the field audit indicated that the field activities being conducted at Hangar 1, including confirmation wipe sampling activities, were being conducted in accordance with the NTCRA Work Plan as well as the SOPs developed for field activities associated with the NTCRA.

Field QC samples were collected in accordance with the UFP-QAPP. A summary of the total number of samples and field QC samples is provided for lead and PCBs in Table 3 and Table 4, respectively.

As the total square footage of steel in the high occupancy area of Zone 4 was greater than that estimate in Worksheet #20-2, additional confirmation wipe samples were collected in the high occupancy area to maintain the appropriate sample collection frequency as described in the revised Worksheet #20-2[10] of the UFP-QAPP. The actual confirmation lead and PCB wipe sampling frequency (i.e., one sample per 999 square feet [ft^2] of abated steel) as well as the frequencies of field duplicate were consistent with the frequencies per the UFP-QAPP (Worksheet #20-2). Field blanks were collected at a slightly higher frequency than what was outlined in the UFP-QAPP (i.e., the revised Worksheet #20-2). Lead media blanks were only collected within Zone 4 Enclosure C/D; therefore, the frequency was lower than that outlined in the revised Worksheet #20-2 in the UFP-QAPP. See Section 3.4.3 for further discussion.

[9] For more information, please refer to the Biweekly Report for the period ending on May 5, 2023.

[10] A revised Worksheet #20-2 was included as Attachment 2 of the *Lead Detections in Media Blank Samples* memorandum dated August 3, 2023 (Rincon, 2023c).



Table 3 Lead Wipe Sample Summary

	No. of Lead Confirmation Wipe Samples	No. of Field Duplicates or Frequency	No. of Field Blanks or Frequency [b]	No of Media Blanks of Frequency
Required frequency per UFP-QAPP Worksheet #20-2	1 sample per every 1,000 ft^2 of abated steel	10%	5%	5%
Anticipated Number of Samples	80 [a]	8 [10%]	2 [5%]	2 [5%]
Actual Square Footage within the High Occupancy Area of Zone 4	95,914 ft^2			
Samples Collected	96	10	6	3
Actual Frequency	1 sample per every 999 ft^2 of abated steel	10%	6%	3% [c]
Re-abatement Samples Collected	1	--	--	--

Notes:
[a] Original sample counts outlined in the UFP-QAPP were based on an estimated surface area of 80,000 ft^2 of steel.
[b] As discussed in Footnote 6, four field blank samples were originally identified as media blank samples and as a result, these samples are referred to as media blank samples in the analytical reports and data validation reports.
[c] As described in Rincon, 2023c, Rincon began collecting both field blank and media blank samples for lead on July 24, 2023. Abatement within Zone 4 Enclosure A/B was completed on May 19, 2023, therefore (1) media blank samples for lead were not collected from within Zone 4 Enclosure A/B and (2) media blank samples were collected from Zone 4 Enclosure C/D. Table 20-2 in the UFP-QAPP did not differentiate between field blanks and media blanks and included a goal of 5%. Therefore, the frequency of blanks for the high occupancy area of Zone 4 met the percent frequency criteria. See Section 3.4.3 for further discussion.

Table 4 PCB Wipe Sample Summary

	No. of PCB Confirmation Wipe Samples	No. of Field Duplicates or Frequency	No. of Field Blanks or Frequency [b]
Required frequency per UFP-QAPP Worksheet #20-2	1 sample per every 1,000 ft^2 of abated steel	10%	5%
Anticipated Number of Samples	80 [a]	8 [10%]	4 [5%]
Actual Square Footage within the High Occupancy Area of Zone 4	95,914 ft^2		
Samples Collected	96	10	6
Actual Frequency	1 sample per every 999 ft^2 of abated steel	10%	6%

Notes:
[a] Original sample counts outlined in the UFP-QAPP were based on an estimated surface area of 80,000 ft^2 of steel.
[b] Field blank samples collected within Zone 4 are referred to as media blank samples in the UFP-QAPP. See also note [c] in Table 3.

3.2 Data Validation

LDC conducted data validation on the analytical laboratory reports for the confirmation wipe samples collected, which included a review of chain-of-custody forms and laboratory deliverables. Stage 3 validation was conducted on 48 samples and Stage 2A validation was conducted on the remaining 179 samples (Attachment 5).

Based on LDC's review of the analytical laboratory reports and their supporting data, 14 sample results were qualified using flags (Attachment 5) and none of the analytical results were rejected. See Section 3.4.1, 3.4.3, and Attachment 5 for additional details.

3.3 Data Precision

Data precision is a quantitative measure of the variability of a group or data compared with their average value. Precision is stated in terms of relative percent difference (RPD) for pairs of data or relative standard deviation for larger groups of data. Below is a discussion of the data precision evaluation conducted on the confirmation wipe samples collected.

3.3.1 Laboratory Duplicate Samples

Laboratory duplicate samples were analyzed at the required frequency outlined in the Worksheet #28 of the UFP-QAPP (i.e., at least one laboratory control spike [LCS]/laboratory control spike duplicate [LCSD] pair per 20 samples or per batch if less than 20 samples). As seen in Table 5, all lead and PCB duplicate laboratory sample pairs met the measurement performance criteria (MPC) outlined in the UFP-QAPP.

Table 5 Laboratory Duplicate Sample Summary

Laboratory QC Sample	No. of Lab QC Samples Analyzed	MPC	No. of Lab QC Samples Exceeding MPC	Percentage of Laboratory QC Samples that Exceeded the MPC
LCS/LCSD – Lead	8	RPD ≤20%	0	0%
LCS/LCSD – PCB	7	RPD ≤20%	0	0%
Notes: LCS: Laboratory Control Spike LCSD: Laboratory Control Spike Duplicate				

3.3.2 Field Duplicate Samples

As seen in Table 6, all lead field duplicate samples met the MPC outlined in the UFP-QAPP; the agreement between results of the original sample and the duplicate sample indicate that the cleaning procedures used prior to sampling were implemented consistently throughout the abated area and that the field sampling was conducted in a reproducible manner.

PCBs were not detected above laboratory QLs in any of the duplicate samples and as a result, RPDs were not calculated.

Table 6 Field Duplicate Sample Summary

Analyte – Sample Type	No. of Field Duplicate Samples Collected	MPC	No. of Field Duplicate Samples in Exceedance of the MPC	Percentage of Field Replicate Samples that Exceeded the MPC
Lead – Wipe	10	RPD ≤100%	0	0%
PCB – Wipe	10	RPD ≤100%	-- [a]	-- [a]
Notes: [a] In accordance with the UFP-QAPP, RPDs were not calculated for duplicate samples where the analyte is less than the QL in one or both samples.				

3.4 Data Accuracy/Bias

Data bias may result from systematic analytical error and is evaluated based on laboratory spike results for routine QC samples prepared and analyzed by the analytical laboratory.[11] Data accuracy is a measure of the overall agreement with a known value and includes a combination of random error and

[11] As indicated in the UFP-QAPP, matrix spike and matrix spike duplicate samples are not prepared and analyzed for wipe samples.

systematic error, with both parameters potentially resulting from analytical error. Data accuracy is evaluated using laboratory QC samples.

3.4.1 Laboratory QC Samples

As seen in Table 7, all laboratory QC samples for lead and PCB confirmation wipe samples met the MPC outlined in the UFP-QAPP.

Table 7 Laboratory QC Sample Summary

Laboratory QC Samples	No. of Samples Analyzed	MPC	No. of Samples Outside of the MPC	Percentage of Samples that do not meet MPC
Lead LCS and LCSD	16	%R 80-120%	0	0%
Lead Method Blank Samples	8	<QL	0	0%
PCB LCS and LCSD	14	%R 60-140%	0	0%
PCB Method Blank Samples	7	<QL	0	0%
Notes: %R: Percent Recovery				

The Continuing Calibration Verification (CCV) is a mid-level standard analyzed during and/or at the end of an analytical batch. The CCV verifies that the instrument has not drifted from the initial calibration response and is only assessed during the Stage 3 data validation process. The percent difference (%D) measured during CCV in one batch exceeded the MPC of ≤15% for Aroclors 1254, 1260, 1262, and 1268 (SDG# 489010). Data qualifiers (i.e., "UJ" flags) were applied to the affected Aroclors for each sample in the batch where the %D in the CCV exceeded the MPC of ≤15%, as shown in Attachment 2.

3.4.2 Laboratory Surrogate Spikes

PCB samples are spiked with two surrogates during analysis, tetrachloro-m-xylene (TCMX) and decachlorobiphenyl (DCB). The percent recovery of both surrogates is recorded during analysis and indicates analytical method performance with each sample.

Recovery rates of TCMX and DCB in all PCB confirmation wipe samples and laboratory QC samples were within the laboratory defined limits as outlined in the UFP-QAPP.

3.4.3 Field QC Samples

A summary of the field blank samples is provided in Table 8.

Table 8 Field QC Sample Summary

Field QC Samples	No. of Samples Analyzed	MPC	Percentage of Samples that do not meet MPC
Lead Field Blank Samples	6	<10 µg/ft^2	0%
Lead Media Blank Samples [a]	3 [b]	<QL	33%
PCB Field Blank Samples	6	<QL	0%
Notes: [a] Media blank samples were only collected for lead within Zone 4 Enclosure C/D. [b] As described in Rincon, 2023c, Rincon began collecting both field blank and media blank samples for lead on July 24, 2023. Abatement within Zone 4 Enclosure A/B was completed on May 19, 2023, therefore media blank samples for lead were not collected from within Zone 4 Enclosure A/B and media blank samples were only collected from Zone 4 Enclosure C/D.			

In accordance with the corrective actions described in Rincon, 2023c, starting with the confirmation wipe sampling event on July 24, 2023, within Zone 4 Enclosure C/D, Rincon collected both field blank and media blank samples. Because PCBs have not been detected above the laboratory QLs in any field

blank samples, media blank samples within Zone 4 Enclosure C/D were only analyzed for lead. Field blank samples were analyzed for both lead and PCBs.

The field QC samples collected within the high occupancy area of Zone 4 on June 1, 2023, were identified as media blank samples at the time of collection, and as a result these samples were labeled as media blank samples in the laboratory analytical reports (Attachment 3) and the confirmation wipe sampling summary table (Attachment 2); in this report however, these samples are referred to as field blank samples.

Lead was detected above the laboratory QL in all six of the field blank samples collected; however, the results did not exceed the MPC of <10 µg/ft^2 and the reported results for field blank samples were more than 50 times lower than the Cleanup Goal for lead. As described in the DSS for the High Occupancy Area of Zone 1 (Rincon, 2023b), the lead reported in field blank samples is likely a result of low concentrations of lead dust that are known to be in the air following abatement and cleaning activities within the enclosures as opposed to lead contamination in the wipe sampling media.[12] Therefore, while lead in the enclosure may be impacting field blank samples, the same ambient lead concentrations are likely impacting all the confirmation wipe samples and as a result are likely biasing the lead confirmation wipe sampling results high, resulting in a more conservative evaluation of residual lead concentrations in confirmation wipe samples.

Data qualifiers (i.e., "U" flags) were applied to two lead confirmation wipe sampling results that were less than 5-times the concentration of lead detected in their associated field blank samples (i.e., AFRAME-C7E-LAT-L2-UP-C7.1-VS-230601-I and AFRAME-C7E-MED-L1-UP-C7.6-DG-230601-SS). PCBs were not detected above laboratory QLs in any of the field blank samples.

Lead was detected above the laboratory QL in one of the media blank samples collected within Zone 4 Enclosure C/D, however the detection was two orders of magnitude below the Cleanup Goal for lead (i.e., 250 µg/ft^2). Considering that lead concentrations in the other two media blank samples collected for Zone 4 Enclosure C/D were below the laboratory QL, the detection of lead in one media blank sample collected on July 25, 2023, was potentially a result of inadvertent cross contamination during sample collection or analysis, and not related to contamination of the wipe sampling media itself.

3.5 Summary of Representativeness, Completeness, and Comparability

3.5.1 Representativeness

Representativeness is a qualitative measure that expresses the degree to which data accurately and precisely represent a characteristic of a population, parameter variations at the sampling point, a process condition, or an environmental condition. The following were evaluated to assess the representativeness of the wipe sampling data collected from the high occupancy area of Zone 4:

- A field audit, which included a review of the field sampling protocols, was conducted on May 1, 2023. Sample collection was performed in compliance with the field SOPs included in the UFP-QAPP for the collection and analysis of lead and PCB confirmation wipe samples; and

[12] Because lead was detected in personal air samples that were collected during NACE inspection and confirmation wipe sampling activities, it is understood that lead dust remains suspended in the air throughout such activities and is anticipated to contribute small to negligible concentrations of lead to confirmation wipe samples. NACE inspectors, Rincon, and any other trades that may enter the structure before it is pressure washed are required to wear half-faced respirators with P100 filters, which protects these personnel from potential exposures to the residual concentrations of lead containing dust that may be present in the air within the enclosures.

- All confirmation wipe samples were analyzed within acceptable sample holding times and all field and laboratory personnel adhered to the appropriate sample handling and storage requirements outlined in the UFP-QAPP.[13]

Because the samples were collected in accordance with the procedures outlined in the UFP-QAPP, the samples should be considered representative of the materials that were sampled.

3.5.2 Completeness

Completeness is a measure of the amount of valid data obtained from a measurement system compared to the total number of measurements necessary to achieve Data Quality Objectives (DQOs) at a specified level of confidence. After data validation, the percent completeness is calculated by dividing the number of samples with valid data by the number of samples collected. Valid data includes both unqualified data that passes all QC criteria and qualified data that did not pass all the QC criteria but that was not flagged for rejection.

As seen in Table 9, the data validation process did not result in the rejection of any confirmation wipe sampling data and as a result the % completeness (i.e., 100%) exceeds the MPC.

Table 9 Completeness for Confirmation Wipe Samples

Analyte – Sample Type	Total No. of Samples	Usable Results (%)	Unusable Results (%)	% Completeness - Measurement Performance Criteria
Lead – Wipe	96	100%	0%	>90%
PCB – Wipe	96	100%	0%	>90%

3.5.3 Comparability

Comparability is a qualitative term that expresses the confidence with which a data set can be compared with another. Data is considered comparable if quality assurance (QA)/QC measures, such as sample collection procedures, analytical methods, reporting units, and analytical reporting limits are equivalent for the samples within a data set. Adherence to QA/QC measures assures that samples collected in similar conditions (i.e., the high occupancy area of Zone 4) are comparable. Comparability criteria are met if, based on data validation, the sample collection and analytical procedures are determined to have been followed, or variations in sample collection and analytical procedures were deemed to not have resulted in sample results being rejected.

To ensure comparability of the data generated for the high occupancy area of Zone 4, sample collection and analytical procedures adhered to the requirements outlined in the UFP-QAPP. Based on the field audit conducted on May 1, 2023, as well as regular reviews of field forms and chain-of custody forms, it was determined that field activities, including confirmation wipe sampling activities, were conducted in accordance with the NTCRA Work Plan as well as SOPs developed for field activities associated with the NTCRA.

[13] Rincon personnel or the laboratory provided courier deliver the confirmation wipe samples to the Enthalpy Analytical location in Berkeley, CA. Upon receipt of the confirmation wipe samples, the laboratory staff then complete a sample check in form prior to shipping the samples to the Enthalpy Analytical location in Orange, CA. Upon receipt of the samples at the Enthalpy Analytical location in Orange, CA, a second sample check in form is completed for the samples. However, if samples are shipped directly to Enthalpy Analytical in Orange, CA by Rincon personnel, only one sample check in form is completed by laboratory staff upon receipt of the samples in Orange, CA.

3.6 Sensitivity

Sensitivity is the capability of a method or instrument to discriminate among measurement responses representing different levels of the variable of interest. As seen in Table 10, the laboratory specific QL outlined in the UFP-QAPP were 0.5 µg/ft^2 for lead and 0.5 µg/100 cm^2 for PCBs. One lead confirmation wipe sample resulted in QLs exceeding the limits defined in the UFP-QAPP, however, because the affected sample contained lead at an elevated concentration (i.e., 2,200 µg/ft^2), the elevated QLs do not impact the data quality, despite exceeding the UFP-QAPP's MPC. The remainder of the lead confirmation wipe samples had QLs that were below the laboratory specific QLs as identified in the UFP-QAPP. The QLs for all the PCB confirmation wipe samples met the laboratory specific QLs outlined in the UFP-QAPP.

Table 10 Sensitivity Comparison for Confirmation Wipe Samples

Analyte	Method	Cleanup Goal	Laboratory Specific QL in QAPP	Maximum QL Reported
Lead	U.S. EPA Method 3050M/6010B	<250 µg/ft^2	0.50 µg/ft^2	3.3 µg/ft^2
PCB	U.S. EPA Method 8082	≤10 µg/100 cm^2	0.50 µg/100 cm^2	0.50 µg/100 cm^2

4 Conclusions

Based on the NACE inspections and the DUA (Section 3), the lead and PCB confirmation wipe sampling results are suitable for comparison against their respective Cleanup Goals. The 95-percent UCL for the mean lead concentration in the confirmation wipe samples collected within the high occupancy area of Zone 4 was approximately 150 µg/ft^2, which is below the Cleanup Goal for lead (i.e., <250 µg/ft^2). The 95-percent UCL for the mean PCB concentration in the confirmation wipe samples could not be calculated because PCBs were not detected above the highest reported laboratory quantitation limit of 0.5 µg/100 cm^2 in any of the confirmation samples collected from within the high occupancy area of Zone 4.

Given that the 95-percent UCL for lead confirmation wipes is below the Cleanup Goal for lead and that PCBs were not detected in any of the confirmation wipe samples above a maximum analytical reporting limit of 0.5 µg/100 cm^2, the high occupancy area of Zone 4 is suitable for unrestricted use.

PV requests that the U.S. EPA and Water Board provide concurrence that no further abatement is required for the high occupancy area of Zone 4.

5 References

EKI Environment & Water, Inc. (EKI). 2022. *NTCRA Work Plan, Former Naval Air Station Moffett Field, California*. EKI Environment & Water, Inc. March 14, 2022.

Rincon Consultants, Inc. (Rincon). 2023a. *Hangar 1 Data Summary Submittal; Low Occupancy Area of Zone 4, Former Naval Air Station Moffett Field, California.* August 2023.

Rincon. 2023b. *Hangar 1 Data Summary Submittal; High Occupancy Area of Zone 1, Former Naval Air Station Moffett Field, California.* March 2023.

Rincon. 2023c. *Lead Detections in Media Blank Samples (Zone 2 Data Summary Submittal) Memorandum.* August 3, 2023.

United States Environmental Protection Agency (U.S. EPA). 2022. *ProUCL: Statistical Software for Environmental Applications for Data Sets with and without Nondetect Observations*. Version 5.2. https://www.epa.gov/land-research/proucl-software, 2022.

Figures



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Plan Map and Cross Section of Zone 4

Figure 1

Attachment 1

NACE Inspection Forms

CERTIFIED COATINGS COMPANY/MUEHLHAN CERTIFIED COATINGS, INC.
2320 CORDELIA ROAD, FAIRFIELD, CA 94534
QUALITY CONTROL - DAILY REPORT

Client Representative: McCARTHY
Certified Supervisor: TJ GARLAND-ISRAEL VILLALOBOS
Work Location: MOFFETT FIELD CA.
Owner: GOOGLE
Task: ABRASIVE BLASTING IN ZONE 4 AREA A

Project: HANGAR 1
Inspector: JUAN MARTINEZ
Date Worked: Thursday, May 11, 2023
Address: FORMER NAVAL AIR STATION
MOFFETT FIELD CA.94305

Environmental Conditions:

	6:14 AM	10:14 AM	2:14 PM	6:14 PM					Specified Conditions
Time									
Dry Bulb	53.3 °F	60.2 °F	67.1 °F	62.8 °F					35-120 F
Wet Bulb	48.4 °F	52.7 °F	57.5 °F	56.4 °F					
Depression	4.9 °F	6.5 °F	9.6 °F	6.4 °F					
Relative Humidity	69.2%	58.8%	53.1%	66.5%					85%
Dew Point	43.4 °F	45.7 °F	49.5 °F	51.5 °F					
Steel temp	51.7 °F	59.2 °F	65.7 °F	61.8 °F					35-120 F
Difference	8.2 °F	13.5 °F	16.2 °F	10.2 °F					+5 F
Conditions	SAT	SAT	SAT	SAT					

Environmental Controls? CONTAINMENT,DEHUMIDIFIERS AND HEATERS.
Work area illumination value: >50 FC
Recommended Minimum Lighting: General - 10 FC, Task Specific - 20 FC, Inspection - 50 FC
QC Instrument Info. POSITECTOR Model No. DPM Serial No. 447113

SURFACE PREPARATION

☑ STEEL ☐ CONCRETE ☐ WOOD ☐ OTHER

Satisfactory Pre-cleaning Completed: YES [☑] NO [☐]

Specified Cleaning:	SP 1 [☐]	SP 2 [☐]	SP 3 [☐]	SP 5 [☐]	SP 6 [☑]	SP 7 [☐]	SP 10 [☐]	SP 11 [☐]
Actual Cleaning:	SP 1 [☐]	SP 2 [☐]	SP 3 [☐]	SP 5 [☐]	SP 6 [☐]	SP 7 [☐]	SP 10 [☑]	SP 11 [☐]

Pressure Washing: N/A PSI
Comments: N/A
Abrasive used: Type GARNET Compressed Air Tested? YES [☑] NO [☐]
Size GX2 (attach pictures of blotter - note date & time)
Blasting performed by evaluated/approved blasters: YES [☑] NO [☐]
Abrasive cleanliness inspected and acceptable: YES [☑] NO [☐]
Vial test performed on this batch of abrasive? YES [☑] NO [☐]
Profile specified: 2 mils Actual Profile: 3.9 mils

PRESS-O-FILM™ Made in U.S.A.
sample 5.11.23
reading 3.9
gage less 2.0 mils or 50 µm
X COARSE Plus (useful range: see data sheet)
TESTEX NEWARK, DE 19715 USA

PRIMER

Soluble Salt Test Performed: YES [☐] NO [☐] Results: _____ µg/cm²
Satisfactory Pre-cleaning Completed: YES [☐] NO [☐]
Paint mixed per manufacturer's instructions: YES [☐] NO [☐]
Time Elapsed Since Surface Prep: _____
Specified Material: _____ Material Applied: _____
Part A Batch #'s: _____ Part A Batch #'s: _____
Part B Batch #'s: _____ Part B Batch #'s: _____
Part C Batch #'s: _____ Part C Batch #'s: _____
Thinner Batch #'s: _____ Thinner Batch #'s: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Material Temp: _____ Typical Wet Film Readings: _____ mils
Qty. Mixed: _____ Qty. Applied: _____ Approximate SF: _____
Min. Storage Temp. Max. Storage Temp. Actual Storage Temperature

INTERMEDIATE ☐ ***FINISH*** ☐

Satisfactory Intercoat-cleaning Completed: YES [☐] NO [☐]
Soluble Salt Test Performed: YES [☐] NO [☐] Results: _____ µg/cm²
Satisfactory Pre-cleaning Completed: YES [☐] NO [☐]
Paint mixed per manufacturer's instructions: YES [☐] NO [☐]
Specified Material: _____ Material Applied: _____
Part A Batch #'s: _____ Part A Batch #'s: _____
Part B Batch #'s: _____ Part B Batch #'s: _____
Part C Batch #'s: _____ Part C Batch #'s: _____
Thinner Batch #'s: _____ Thinner Batch #'s: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Material Temp: _____ Typical Wet Film Readings: _____ mils
Qty. Mixed: _____ Qty. Applied: _____ Approximate SF: _____
Min. Storage Temp. Max. Storage Temp. Actual Storage Temperature

Notes: FINISHED RIGGING BLAST HOSES AND STARTED ABRASIVE BLASTING IN ZONE 4 AREA A,LEVELS 5,8,11, 14 and 17.
ALL ABRASIVE BLASTING ACTIVITIES ARE BEING DONE IN THE CONTAINMENT.

The undersigned certifies that the above information is true and accurate to the best of my knowledge
QC Inspector Signature: _____ Date: 5/11/2023
QC Supervisor Signature: _____ Date: 5-15-23

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CERTIFIED COATINGS COMPANY/MUEHLHAN CERTIFIED COATINGS, INC.
2320 CORDELIA ROAD, FAIRFIELD, CA 94534
QUALITY CONTROL - DAILY REPORT

Client Representative: McCARTHY
Certified Supervisor: TJ GARLAND-ISRAEL VILLALOBOS
Work Location: MOFFETT FIELD CA.
Owner: GOOGLE
Task: ABRASIVE BLASTING IN ZONE 4 AREA A

Project: HANGAR 1
Inspector: JUAN MARTINEZ
Date Worked: Friday, May 12, 2023
Address: FORMER NAVAL AIR STATION
MOFFETT FIELD CA.94305

Environmental Conditions:

	6:14 AM	10:14 AM	2:14 PM	6:14 PM					Specified Conditions
Time									
Dry Bulb	55.6 °F	69.8 °F	70.4 °F	65.1 °F					35-120 F
Wet Bulb	51.0 °F	58.8 °F	60.4 °F	58.4 °F					
Depression	4.6 °F	11.0 °F	10.0 °F	6.7 °F					
Relative Humidity	72.7%	49.2%	53.9%	66.3%					85%
Dew Point	46.9 °F	49.9 °F	52.9 °F	53.6 °F					
Steel temp	54.1 °F	69.2 °F	69.4 °F	64.1 °F					35-120 F
Difference	7.1 °F	19.3 °F	16.5 °F	10.5 °F					+5 F
Conditions	SAT	SAT	SAT	SAT					

Environmental Controls? CONTAINMENT,DEHUMIDIFIERS AND HEATERS.
Work area illumination value: >50 FC
Recommended Minimum Lighting: General - 10 FC, Task Specific - 20 FC, Inspection - 50 FC
QC Instrument Info. POSITECTOR Model No. DPM Serial No. 447113

SURFACE PREPARATION

☑ STEEL ☐ CONCRETE ☐ WOOD ☐ OTHER

Satisfactory Pre-cleaning Completed: YES [☑] NO [☐]
Specified Cleaning: SP 1 [☐] SP 2 [☐] SP 3 [☐] SP 5 [☐] SP 6 [☑] SP 7 [☐] SP 10 [☐] SP 11 [☐]
Actual Cleaning: SP 1 [☐] SP 2 [☐] SP 3 [☐] SP 5 [☐] SP 6 [☐] SP 7 [☐] SP 10 [☑] SP 11 [☐]
Pressure Washing: N/A PSI
Comments: N/A
Abrasive used: Type GARNET Compressed Air Tested? YES [☑] NO [☐]
Size GX2 (attach pictures of blotter - note date & time)
Blasting performed by evaluated/approved blasters: YES [☑] NO [☐]
Abrasive cleanliness inspected and acceptable: YES [☑] NO [☐]
Vial test performed on this batch of abrasive? YES [☑] NO [☐]
Profile specified: 2 mils Actual Profile: 3.5 mils

PRESS-O-FILM™ Made in U.S.A.
TESTEX NEWARK, DE 19715 USA
X COARSE Plus (useful range: see data sheet)
sample 5.12.23
reading 3.5
gage less 2.0 mils or 50 µm

PRIMER

Soluble Salt Test Performed: YES [☐] NO [☐] Results: ____ µg/cm²
Satisfactory Pre-cleaning Completed: YES [☐] NO [☐]
Paint mixed per manufacturer's instructions: YES [☐] NO [☐]
Time Elapsed Since Surface Prep:
Specified Material: Material Applied:
Part A Batch #'s: Part A Batch #'s:
Part B Batch #'s: Part B Batch #'s:
Part C Batch #'s: Part C Batch #'s:
Thinner Batch #'s: Thinner Batch #'s:
Mix Time: Start Application: Time Complete: Pot Life:
Mix Time: Start Application: Time Complete: Pot Life:
Mix Time: Start Application: Time Complete: Pot Life:
Material Temp: Typical Wet Film Readings: mils
Qty. Mixed: Qty. Applied: Approximate SF:
Min. Storage Temp. Max. Storage Temp. Actual Storage Temperature

INTERMEDIATE ☐ ***FINISH*** ☐

Satisfactory Intercoat-cleaning Completed: YES [☐] NO [☐]
Soluble Salt Test Performed: YES [☐] NO [☐] Results: ____ µg/cm²
Satisfactory Pre-cleaning Completed: YES [☐] NO [☐]
Paint mixed per manufacturer's instructions: YES [☐] NO [☐]
Specified Material: Material Applied:
Part A Batch #'s: Part A Batch #'s:
Part B Batch #'s: Part B Batch #'s:
Part C Batch #'s: Part C Batch #'s:
Thinner Batch #'s: Thinner Batch #'s:
Mix Time: Start Application: Time Complete: Pot Life:
Mix Time: Start Application: Time Complete: Pot Life:
Mix Time: Start Application: Time Complete: Pot Life:
Material Temp: Typical Wet Film Readings: mils
Qty. Mixed: Qty. Applied: Approximate SF:
Min. Storage Temp. Max. Storage Temp. Actual Storage Temperature

Notes: PERFORMED A BLOTTER TEST AND CONTINUE ABRASIVE BLASTING IN ZONE 4 AREA A,LEVELS 5,7,8,10, 11,13,14 AND 16.
ALL ABRASIVE BLASTING ACTIVITIES ARE BEING DONE IN THE CONTAINMENT.

The undersigned certifies that the above information is true and accurate to the best of my knowledge
QC Inspector Signature: Date: 5/12/2023
QC Supervisor Signature: Date: 5-15-23

Distribution: 1. Jobsite file 2. Project Manager 3. Client
The results relate only to items inspected/tested
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CERTIFIED COATINGS COMPANY/MUEHLHAN CERTIFIED COATINGS, INC.
2320 CORDELIA ROAD, FAIRFIELD, CA 94534
QUALITY CONTROL - DAILY REPORT

Client Representative:	McCARTHY	Project:	HANGAR 1
Certified Supervisor:	TJ GARLAND-ISRAEL VILLALOBOS	Inspector:	JUAN MARTINEZ
Work Location:	MOFFETT FIELD CA.	Date Worked:	Monday, May 15, 2023
Owner:	GOOGLE	Address:	FORMER NAVAL AIR STATION
Task:	ABRASIVE BLASTING IN ZONE 4 AREA A		MOFFETT FIELD CA.94305

Environmental Conditions:

Time	6:14 AM	10:14 AM	2:14 PM	6:14 PM					Specified Conditions
Dry Bulb	60.4 °F	83.7 °F	77.5 °F	69.7 °F					35-120 F
Wet Bulb	56.2 °F	67.2 °F	64.2 °F	61.4 °F					
Depression	4.2 °F	16.5 °F	13.3 °F	8.3 °F					
Relative Humidity	76.8%	39.1%	45.9%	61.7%					85%
Dew Point	53.1 °F	56.2 °F	55.0 °F	55.9 °F					
Steel temp	59.0 °F	82.9 °F	76.7 °F	68.8 °F					35-120 F
Difference	5.9 °F	26.7 °F	21.7 °F	12.9 °F					+5 F
Conditions	SAT	SAT	SAT	SAT					

Environmental Controls? CONTAINMENT,DEHUMIDIFIERS AND HEATERS.
Work area illumination value: >50 FC
Recommended Minimum Lighting: General - 10 FC, Task Specific - 20 FC, Inspection - 50 FC
QC Instrument Info. POSITECTOR Model No. DPM Serial No. 447113

SURFACE PREPARATION

☑ **STEEL** ☐ **CONCRETE** ☐ **WOOD** ☐ **OTHER**

Satisfactory Pre-cleaning Completed: YES [☑] NO [☐]

Specified Cleaning:	SP 1 [☐]	SP 2 [☐]	SP 3 [☐]	SP 5 [☐]	SP 6 [☑]	SP 7 [☐]	SP 10 [☐]	SP 11 [☐]
Actual Cleaning:	SP 1 [☐]	SP 2 [☐]	SP 3 [☐]	SP 5 [☐]	SP 6 [☐]	SP 7 [☐]	SP 10 [☑]	SP 11 [☐]

Pressure Washing: N/A PSI
Comments: N/A
Abrasive used: Type GARNET Compressed Air Tested? YES [☑] NO [☐]
Size GX2 (attach pictures of blotter - note date & time)
Blasting performed by evaluated/approved blasters: YES [☑] NO [☐]
Abrasive cleanliness inspected and acceptable: YES [☑] NO [☐]
Vial test performed on this batch of abrasive? YES [☑] NO [☐]
Profile specified: 2 mils Actual Profile: 3.6 mils

PRESS-O-FILM™ Made in U.S.A.
TESTEX NEWARK, DE 19715 USA
X COARSE Plus (useful range: see data sheet)
sample reading gage less 2.0 mils or 50 µm

PRIMER

Soluble Salt Test Performed: YES [☐] NO [☐] Results: _____ µg/cm²
Satisfactory Pre-cleaning Completed: YES [☐] NO [☐]
Paint mixed per manufacturer's instructions: YES [☐] NO [☐]
Time Elapsed Since Surface Prep: _____
Specified Material: _____ Material Applied: _____
Part A Batch #'s: _____ Part A Batch #'s: _____
Part B Batch #'s: _____ Part B Batch #'s: _____
Part C Batch #'s: _____ Part C Batch #'s: _____
Thinner Batch #'s: _____ Thinner Batch #'s: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Material Temp: _____ Typical Wet Film Readings: _____ mils
Qty. Mixed: _____ Qty. Applied: _____ Approximate SF: _____
Min. Storage Temp. Max. Storage Temp. Actual Storage Temperature

INTERMEDIATE ☐ ***FINISH*** ☐

Satisfactory Intercoat-cleaning Completed: YES [☐] NO [☐]
Soluble Salt Test Performed: YES [☐] NO [☐] Results: _____ µg/cm²
Satisfactory Pre-cleaning Completed: YES [☐] NO [☐]
Paint mixed per manufacturer's instructions: YES [☐] NO [☐]
Specified Material: _____ Material Applied: _____
Part A Batch #'s: _____ Part A Batch #'s: _____
Part B Batch #'s: _____ Part B Batch #'s: _____
Part C Batch #'s: _____ Part C Batch #'s: _____
Thinner Batch #'s: _____ Thinner Batch #'s: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Material Temp: _____ Typical Wet Film Readings: _____ mils
Qty. Mixed: _____ Qty. Applied: _____ Approximate SF: _____
Min. Storage Temp. Max. Storage Temp. Actual Storage Temperature

Notes: PERFORMED A BLOTTER TEST AND CONTINUE ABRASIVE BLASTING IN ZONE 4 AREA A,LEVELS 15,13,12 10,7 AND 5.
ALL ABRASIVE BLASTING ACTIVITIES ARE BEING DONE IN THE CONTAINMENT.

The undersigned certifies that the above information is true and accurate to the best of my knowledge
QC Inspector Signature: _____ Date: 5/15/2023
QC Supervisor Signature: _____ Date: 5-23-23

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CERTIFIED COATINGS COMPANY/MUEHLHAN CERTIFIED COATINGS, INC.
2320 CORDELIA ROAD, FAIRFIELD, CA 94534
QUALITY CONTROL - DAILY REPORT

Client Representative:	McCARTHY	Project:	HANGAR 1
Certified Supervisor:	TJ GARLAND-ISRAEL VILLALOBOS	Inspector:	JUAN MARTINEZ
Work Location:	MOFFETT FIELD CA.	Date Worked:	Tuesday, May 16, 2023
Owner:	GOOGLE	Address:	FORMER NAVAL AIR STATION
Task:	ABRASIVE BLASTING IN ZONE 4 AREA A		MOFFETT FIELD CA.94305

Environmental Conditions:

	6:29 AM	10:29 AM	2:29 PM	6:29 PM					Specified Conditions
Time									
Dry Bulb	58.9 °F	81.5 °F	77.9 °F	74.4 °F					35-120 F
Wet Bulb	55.4 °F	66.8 °F	65.1 °F	63.7 °F					
Depression	3.5 °F	14.7 °F	12.8 °F	10.7 °F					
Relative Humidity	80.3%	43.6%	48.2%	54.0%					85%
Dew Point	52.9 °F	57.3 °F	56.8 °F	56.7 °F					
Steel temp	57.6 °F	80.4 °F	77.0 °F	73.7 °F					35-120 F
Difference	5.0 °F	23.1 °F	20.3 °F	17.0 °F					+5 F
Conditions	SAT	SAT	SAT	SAT					

Environmental Controls? CONTAINMENT,DEHUMIDIFIERS AND HEATERS.
Work area illumination value: >50 FC
Recommended Minimum Lighting: General - 10 FC, Task Specific - 20 FC, Inspection - 50 FC
QC Instrument Info. POSITECTOR Model No. DPM Serial No. 447113

SURFACE PREPARATION

☑ STEEL ☐ CONCRETE ☐ WOOD ☐ OTHER _____

Satisfactory Pre-cleaning Completed: YES [☑] NO [☐]

Specified Cleaning:	SP 1 [☐]	SP 2 [☐]	SP 3 [☐]	SP 5 [☐]	SP 6 [☑]	SP 7 [☐]	SP 10 [☐]	SP 11 [☐]
Actual Cleaning:	SP 1 [☐]	SP 2 [☐]	SP 3 [☐]	SP 5 [☐]	SP 6 [☐]	SP 7 [☐]	SP 10 [☑]	SP 11 [☐]

Pressure Washing: N/A PSI
Comments: N/A
Abrasive used: Type GARNET Compressed Air Tested? YES [☑] NO [☐]
Size GX2 (attach pictures of blotter - note date & time)
Blasting performed by evaluated/approved blasters: YES [☑] NO [☐]
Abrasive cleanliness inspected and acceptable: YES [☑] NO [☐]
Vial test performed on this batch of abrasive? YES [☑] NO [☐]
Profile specified: 2 mils Actual Profile: 3.4 mils

PRESS-O-FILM™ Made in U.S.A.
TESTEX NEWARK, DE 19715 USA
X COARSE Plus (useful range: see data sheet)
sample reading gage less 2.0 mils or 50 µm

PRIMER

Soluble Salt Test Performed: YES [☐] NO [☐] Results: _____ µg/cm²
Satisfactory Pre-cleaning Completed: YES [☐] NO [☐]
Paint mixed per manufacturer's instructions: YES [☐] NO [☐]
Time Elapsed Since Surface Prep: _____
Specified Material: _____ Material Applied: _____
Part A Batch #'s: _____ Part A Batch #'s: _____
Part B Batch #'s: _____ Part B Batch #'s: _____
Part C Batch #'s: _____ Part C Batch #'s: _____
Thinner Batch #'s: _____ Thinner Batch #'s: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Material Temp: _____ Typical Wet Film Readings: _____ mils
Qty. Mixed: _____ Qty. Applied: _____ Approximate SF: _____
Min. Storage Temp. Max. Storage Temp. Actual Storage Temperature

INTERMEDIATE ☐ ***FINISH*** ☐

Satisfactory Intercoat-cleaning Completed: YES [☐] NO [☐]
Soluble Salt Test Performed: YES [☐] NO [☐] Results: _____ µg/cm²
Satisfactory Pre-cleaning Completed: YES [☐] NO [☐]
Paint mixed per manufacturer's instructions: YES [☐] NO [☐]
Specified Material: _____ Material Applied: _____
Part A Batch #'s: _____ Part A Batch #'s: _____
Part B Batch #'s: _____ Part B Batch #'s: _____
Part C Batch #'s: _____ Part C Batch #'s: _____
Thinner Batch #'s: _____ Thinner Batch #'s: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Material Temp: _____ Typical Wet Film Readings: _____ mils
Qty. Mixed: _____ Qty. Applied: _____ Approximate SF: _____
Min. Storage Temp. Max. Storage Temp. Actual Storage Temperature

Notes: PERFORMED A BLOTTER TEST AND CONTINUE ABRASIVE BLASTING IN ZONE 4 AREA A,LEVELS 15,12,9,7 6,5,4 and 3.
ALL ABRASIVE BLASTING ACTIVITIES ARE BEING DONE IN THE CONTAINMENT.

The undersigned certifies that the above information is true and accurate to the best of my knowledge
QC Inspector Signature: _____ Date: 5/16/2023
QC Supervisor Signature: _____ Date: 5-23-23

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CERTIFIED COATINGS COMPANY/MUEHLHAN CERTIFIED COATINGS, INC.
2320 CORDELIA ROAD, FAIRFIELD, CA 94534
QUALITY CONTROL - DAILY REPORT

Client Representative: McCARTHY
Certified Supervisor: TJ GARLAND-ISRAEL VILLALOBOS
Work Location: MOFFETT FIELD CA.
Owner: GOOGLE
Task: ABRASIVE BLASTING IN ZONE 4 AREA A

Project: HANGAR 1
Inspector: JUAN MARTINEZ
Date Worked: Wednesday, May 17, 2023
Address: FORMER NAVAL AIR STATION
MOFFETT FIELD CA.94305

Environmental Conditions:

	5:29 AM	10:29 AM	2:29 PM	6:29 PM					Specified Conditions
Time									
Dry Bulb	59.0 °F	72.4 °F	74.5 °F	67.3 °F					35-120 F
Wet Bulb	55.4 °F	62.9 °F	63.3 °F	59.5 °F					
Depression	3.6 °F	9.5 °F	11.2 °F	7.8 °F					
Relative Humidity	79.6%	57.8%	52.0%	62.4%					85%
Dew Point	52.7 °F	56.7 °F	55.7 °F	54.0 °F					
Steel temp	57.8 °F	71.4 °F	73.7 °F	66.1 °F					35-120 F
Difference	5.1 °F	14.7 °F	18.0 °F	12.1 °F					+5 F
Conditions	SAT	SAT	SAT	SAT					

Environmental Controls? CONTAINMENT,DEHUMIDIFIERS AND HEATERS.
Work area illumination value: >50 FC
Recommended Minimum Lighting: General - 10 FC, Task Specific - 20 FC, Inspection - 50 FC
QC Instrument Info. POSITECTOR Model No. DPM Serial No. 447113

SURFACE PREPARATION

☑ **STEEL** ☐ **CONCRETE** ☐ **WOOD** ☐ **OTHER**

Satisfactory Pre-cleaning Completed: YES [☑] NO [☐]
Specified Cleaning: SP 1 [☐] SP 2 [☐] SP 3 [☐] SP 5 [☐] SP 6 [☑] SP 7 [☐] SP 10 [☐] SP 11 [☐]
Actual Cleaning: SP 1 [☐] SP 2 [☐] SP 3 [☐] SP 5 [☐] SP 6 [☐] SP 7 [☐] SP 10 [☑] SP 11 [☐]
Pressure Washing: N/A PSI
Comments: N/A
Abrasive used: Type GARNET Compressed Air Tested? YES [☑] NO [☐]
Size GX2 (attach pictures of blotter - note date & time)
Blasting performed by evaluated/approved blasters: YES [☑] NO [☐]
Abrasive cleanliness inspected and acceptable: YES [☑] NO [☐]
Vial test performed on this batch of abrasive? YES [☑] NO [☐]
Profile specified: 2 mils Actual Profile: 3.9 mils 3.9

PRESS-O-FILM™ Made in U.S.A.
TESTEX NEWARK, DE 19715 USA
X COARSE Plus (useful range: see data sheet)
sample reading 3.9 mils gage less 2.0 mils or 50 µm
5-17-23

PRIMER

Soluble Salt Test Performed: YES [☐] NO [☐] Results: _____ µg/cm²
Satisfactory Pre-cleaning Completed: YES [☐] NO [☐]
Paint mixed per manufacturer's instructions: YES [☐] NO [☐]
Time Elapsed Since Surface Prep: _____
Specified Material: _____ Material Applied: _____
Part A Batch #'s: _____ Part A Batch #'s: _____
Part B Batch #'s: _____ Part B Batch #'s: _____
Part C Batch #'s: _____ Part C Batch #'s: _____
Thinner Batch #'s: _____ Thinner Batch #'s: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Material Temp: _____ Typical Wet Film Readings: _____ mils
Qty. Mixed: _____ Qty. Applied: _____ Approximate SF: _____
Min. Storage Temp. Max. Storage Temp. Actual Storage Temperature

INTERMEDIATE ☐ ***FINISH*** ☐

Satisfactory Intercoat-cleaning Completed: YES [☐] NO [☐]
Soluble Salt Test Performed: YES [☐] NO [☐] Results: _____ µg/cm²
Satisfactory Pre-cleaning Completed: YES [☐] NO [☐]
Paint mixed per manufacturer's instructions: YES [☐] NO [☐]
Specified Material: _____ Material Applied: _____
Part A Batch #'s: _____ Part A Batch #'s: _____
Part B Batch #'s: _____ Part B Batch #'s: _____
Part C Batch #'s: _____ Part C Batch #'s: _____
Thinner Batch #'s: _____ Thinner Batch #'s: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Material Temp: _____ Typical Wet Film Readings: _____ mils
Qty. Mixed: _____ Qty. Applied: _____ Approximate SF: _____
Min. Storage Temp. Max. Storage Temp. Actual Storage Temperature

Notes: PERFORMED A BLOTTER TEST AND CONTINUE ABRASIVE BLASTING IN ZONE 4 AREA A,LEVELS 5,4,3,2,1
AND GROUND LEVEL
ALL ABRASIVE BLASTING ACTIVITIES ARE BEING DONE IN THE CONTAINMENT.

The undersigned certifies that the above information is true and accurate to the best of my knowledge
QC Inspector Signature: _____ Date: 5/17/2023
QC Supervisor Signature: _____ Date: 5-23-23

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CERTIFIED COATINGS COMPANY/MUEHLHAN CERTIFIED COATINGS, INC.
2320 CORDELIA ROAD, FAIRFIELD, CA 94534
QUALITY CONTROL - DAILY REPORT

Client Representative: McCARTHY
Certified Supervisor: TJ GARLAND-ISRAEL VILLALOBOS
Work Location: MOFFETT FIELD CA.
Owner: GOOGLE
Task: ABRASIVE BLASTING IN ZONE 4 AREA A

Project: HANGAR 1
Inspector: JUAN MARTINEZ
Date Worked: Thursday, May 18, 2023
Address: FORMER NAVAL AIR STATION
MOFFETT FIELD CA.94305

Environmental Conditions:

Time	8:29 AM	10:29 AM	2:29 PM	6:29 PM					Specified Conditions
Dry Bulb	60.2 °F	79.2 °F	72.7 °F	66.0 °F					35-120 F
Wet Bulb	55.7 °F	64.6 °F	61.3 °F	58.7 °F					
Depression	4.5 °F	14.6 °F	11.4 °F	7.3 °F					
Relative Humidity	75.0%	42.1%	49.9%	63.7%					85%
Dew Point	52.3 °F	54.2 °F	52.9 °F	53.3 °F					
Steel temp	59.0 °F	77.8 °F	71.8 °F	64.5 °F					35-120 F
Difference	6.7 °F	23.6 °F	18.8 °F	11.2 °F					+5 F
Conditions	SAT	SAT	SAT	SAT					

Environmental Controls? CONTAINMENT,DEHUMIDIFIERS AND HEATERS.
Work area illumination value: >50 FC
Recommended Minimum Lighting: General - 10 FC, Task Specific - 20 FC, Inspection - 50 FC
QC Instrument Info. POSITECTOR Model No. DPM Serial No. 447113

SURFACE PREPARATION

☑ **STEEL** ☐ **CONCRETE** ☐ **WOOD** ☐ **OTHER** _____

Satisfactory Pre-cleaning Completed: YES [☑] NO [☐]

Specified Cleaning:	SP 1 [☐]	SP 2 [☐]	SP 3 [☐]	SP 5 [☐]	SP 6 [☑]	SP 7 [☐]	SP 10 [☐]	SP 11 [☐]
Actual Cleaning:	SP 1 [☐]	SP 2 [☐]	SP 3 [☐]	SP 5 [☐]	SP 6 [☐]	SP 7 [☐]	SP 10 [☑]	SP 11 [☐]

Pressure Washing: N/A PSI
Comments: N/A
Abrasive used: Type GARNET Compressed Air Tested? YES [☑] NO [☐]
Size GX2 (attach pictures of blotter - note date & time)
Blasting performed by evaluated/approved blasters: YES [☑] NO [☐]
Abrasive cleanliness inspected and acceptable: YES [☑] NO [☐]
Vial test performed on this batch of abrasive? YES [☑] NO [☐]
Profile specified: 2 mils Actual Profile: 3.7 mils

PRESS-O-FILM™ Made in U.S.A.
X COARSE Plus (useful range: see data sheet)
TESTEX NEWARK, DE 19715 USA
sample 5.18.23
reading 3.7
gage less 2.0 mils or 50 µm

PRIMER

Soluble Salt Test Performed: YES [☐] NO [☐] Results: _____ µg/cm²
Satisfactory Pre-cleaning Completed: YES [☐] NO [☐]
Paint mixed per manufacturer's instructions: YES [☐] NO [☐]
Time Elapsed Since Surface Prep: _____
Specified Material: _____ Material Applied: _____
Part A Batch #'s: _____ Part A Batch #'s: _____
Part B Batch #'s: _____ Part B Batch #'s: _____
Part C Batch #'s: _____ Part C Batch #'s: _____
Thinner Batch #'s: _____ Thinner Batch #'s: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Material Temp: _____ Typical Wet Film Readings: _____ mils
Qty. Mixed: _____ Qty. Applied: _____ Approximate SF: _____
Min. Storage Temp. Max. Storage Temp. Actual Storage Temperature

INTERMEDIATE ☐ ***FINISH*** ☐

Satisfactory Intercoat-cleaning Completed: YES [☐] NO [☐]
Soluble Salt Test Performed: YES [☐] NO [☐] Results: _____ µg/cm²
Satisfactory Pre-cleaning Completed: YES [☐] NO [☐]
Paint mixed per manufacturer's instructions: YES [☐] NO [☐]
Specified Material: _____ Material Applied: _____
Part A Batch #'s: _____ Part A Batch #'s: _____
Part B Batch #'s: _____ Part B Batch #'s: _____
Part C Batch #'s: _____ Part C Batch #'s: _____
Thinner Batch #'s: _____ Thinner Batch #'s: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Material Temp: _____ Typical Wet Film Readings: _____ mils
Qty. Mixed: _____ Qty. Applied: _____ Approximate SF: _____
Min. Storage Temp. Max. Storage Temp. Actual Storage Temperature

Notes: PERFORMED A BLOTTER TEST AND CONTINUE ABRASIVE BLASTING IN ZONE 4 AREA A,LEVELS 5,4,3,2,1
AND GROUND LEVEL
ALL ABRASIVE BLASTING ACTIVITIES ARE BEING DONE IN THE CONTAINMENT.

The undersigned certifies that the above information is true and accurate to the best of my knowledge
QC Inspector Signature: _____ Date: 5/18/2023
QC Supervisor Signature: _____ Date: 5-23-23

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CERTIFIED COATINGS COMPANY/MUEHLHAN CERTIFIED COATINGS, INC.
2320 CORDELIA ROAD, FAIRFIELD, CA 94534
QUALITY CONTROL - DAILY REPORT

Client Representative: McCARTHY
Certified Supervisor: TJ GARLAND-ISRAEL VILLALOBOS
Work Location: MOFFETT FIELD CA.
Owner: GOOGLE
Task: ABRASIVE BLASTING IN ZONE 4 AREA A

Project: HANGAR 1
Inspector: JUAN MARTINEZ
Date Worked: Friday, May 19, 2023
Address: FORMER NAVAL AIR STATION
MOFFETT FIELD CA.94305

Environmental Conditions:

Time	8:29 AM	10:29 AM	2:29 PM	6:29 PM					Specified Conditions
Dry Bulb	61.9 °F	84.7 °F	72.1 °F	65.9 °F					35-120 F
Wet Bulb	57.2 °F	67.5 °F	61.5 °F	58.9 °F					
Depression	4.7 °F	17.2 °F	10.6 °F	7.0 °F					
Relative Humidity	74.7%	37.7%	53.0%	65.1%					85%
Dew Point	53.8 °F	56.0 °F	54.0 °F	53.9 °F					
Steel temp	60.6 °F	83.3 °F	71.2 °F	64.9 °F					35-120 F
Difference	6.8 °F	27.5 °F	17.2 °F	11.0 °F					+5 F
Conditions	SAT	SAT	SAT	SAT					

Environmental Controls? CONTAINMENT,DEHUMIDIFIERS AND HEATERS.
Work area illumination value: >50 FC
Recommended Minimum Lighting: General - 10 FC, Task Specific - 20 FC, Inspection - 50 FC
QC Instrument Info. POSITECTOR Model No. DPM Serial No. 447113

SURFACE PREPARATION

☑ STEEL ☐ CONCRETE ☐ WOOD ☐ OTHER

Satisfactory Pre-cleaning Completed: YES [☑] NO [☐]
Specified Cleaning: SP 1 [☐] SP 2 [☐] SP 3 [☐] SP 5 [☐] SP 6 [☑] SP 7 [☐] SP 10 [☐] SP 11 [☐]
Actual Cleaning: SP 1 [☐] SP 2 [☐] SP 3 [☐] SP 5 [☐] SP 6 [☐] SP 7 [☐] SP 10 [☑] SP 11 [☐]
Pressure Washing: N/A PSI
Comments: N/A
Abrasive used: Type GARNET Compressed Air Tested? YES [☑] NO [☐]
Size GX2 (attach pictures of blotter - note date & time)
Blasting performed by evaluated/approved blasters: YES [☑] NO [☐]
Abrasive cleanliness inspected and acceptable: YES [☑] NO [☐]
Vial test performed on this batch of abrasive? YES [☑] NO [☐]
Profile specified: 2 mils Actual Profile: 3.7 mils

PRESS-O-FILM™ Made in U.S.A.
TESTEX NEWARK, DE 19715 USA
X COARSE Plus (useful range: see data sheet)
sample 5-23-23
reading 3.7
gage less than 1.0 mils or 50 µm

PRIMER

Soluble Salt Test Performed: YES [☐] NO [☐] Results: _____ µg/cm²
Satisfactory Pre-cleaning Completed: YES [☐] NO [☐]
Paint mixed per manufacturer's instructions: YES [☐] NO [☐]
Time Elapsed Since Surface Prep: _____
Specified Material: _____ Material Applied: _____
Part A Batch #'s: _____ Part A Batch #'s: _____
Part B Batch #'s: _____ Part B Batch #'s: _____
Part C Batch #'s: _____ Part C Batch #'s: _____
Thinner Batch #'s: _____ Thinner Batch #'s: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Material Temp: _____ Typical Wet Film Readings: _____ mils
Qty. Mixed: _____ Qty. Applied: _____ Approximate SF: _____
Min. Storage Temp. Max. Storage Temp. Actual Storage Temperature

INTERMEDIATE ☐ ***FINISH*** ☐

Satisfactory Intercoat-cleaning Completed: YES [☐] NO [☐]
Soluble Salt Test Performed: YES [☐] NO [☐] Results: _____ µg/cm²
Satisfactory Pre-cleaning Completed: YES [☐] NO [☐]
Paint mixed per manufacturer's instructions: YES [☐] NO [☐]
Specified Material: _____ Material Applied: _____
Part A Batch #'s: _____ Part A Batch #'s: _____
Part B Batch #'s: _____ Part B Batch #'s: _____
Part C Batch #'s: _____ Part C Batch #'s: _____
Thinner Batch #'s: _____ Thinner Batch #'s: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Material Temp: _____ Typical Wet Film Readings: _____ mils
Qty. Mixed: _____ Qty. Applied: _____ Approximate SF: _____
Min. Storage Temp. Max. Storage Temp. Actual Storage Temperature

Notes: PERFORMED A BLOTTER TEST,CONTINUE AND FINISH ABRASIVE BLASTING IN ZONE 4 AREA A,LEVEL 3,2,1 1 AND GROUND LEVEL,STARTED BLOWING DOWN SPENT ABRASIVE. ALL ABRASIVE BLASTING ACTIVITIES ARE BEING DONE IN THE CONTAINMENT.

The undersigned certifies that the above information is true and accurate to the best of my knowledge
QC Inspector Signature: _____ Date: 5/19/2023
QC Supervisor Signature: _____ Date: 5-23-23

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CERTIFIED COATINGS COMPANY/MUEHLHAN CERTIFIED COATINGS, INC.
2320 CORDELIA ROAD, FAIRFIELD, CA 94534
QUALITY CONTROL - DAILY REPORT

Client Representative: McCARTHY
Certified Supervisor: TJ GARLAND-ISRAEL VILLALOBOS
Work Location: MOFFETT FIELD CA.
Owner: GOOGLE
Task: ABRASIVE BLASTING IN ZONE 4 AREA D

Project: HANGAR 1
Inspector: JUAN MARTINEZ
Date Worked: Tuesday, June 20, 2023
Address: FORMER NAVAL AIR STATION
MOFFETT FIELD CA.94305

Environmental Conditions:

	5:59 AM	9:59 AM	1:59 PM	5:59 PM					Specified Conditions
Time									
Dry Bulb	48.0 °F	62.5 °F	92.7 °F	117.5 °F					35-120 F
Wet Bulb	43.3 °F	54.0 °F	69.0 °F	80.7 °F					
Depression	4.7 °F	8.5 °F	23.7 °F	36.8 °F					
Relative Humidity	66.6%	54.9%	22.8%	14.2%					85%
Dew Point	37.5 °F	46.1 °F	49.2 °F	56.3 °F					
Steel temp	46.3 °F	61.9 °F	95.0 °F	119.7 °F					35-120 F
Difference	8.9 °F	15.9 °F	45.7 °F	63.4 °F					+5 F
Conditions	SAT	SAT	SAT	SAT					

Environmental Controls? CONTAINMENT/DUST COLLECTORS.
Work area illumination value: >50 FC
Recommended Minimum Lighting: General - 10 FC, Task Specific - 20 FC, Inspection - 50 FC
QC Instrument Info. POSITECTOR Model No. DPM Serial No. 1025057

SURFACE PREPARATION

☑ STEEL ☐ CONCRETE ☐ WOOD ☐ OTHER

Satisfactory Pre-cleaning Completed: YES [☑] NO [☐]

Specified Cleaning: SP 1 [☐] SP 2 [☐] SP 3 [☐] SP 5 [☐] SP 6 [☑] SP 7 [☐] SP 10 [☐] SP 11 [☐]
Actual Cleaning: SP 1 [☐] SP 2 [☐] SP 3 [☐] SP 5 [☐] SP 6 [☐] SP 7 [☐] SP 10 [☑] SP 11 [☐]
Pressure Washing: N/A PSI
Comments: N/A
Abrasive used: Type GARNET Compressed Air Tested? YES [☑] NO [☐]
Size GX2 (attach pictures of blotter - note date & time)
Blasting performed by evaluated/approved blasters: YES [☑] NO [☐]
Abrasive cleanliness inspected and acceptable: YES [☑] NO [☐]
Vial test performed on this batch of abrasive? YES [☑] NO [☐]
Profile specified: 2 mils Actual Profile: 3.6 mils

PRESS-O-FILM™ Made in U.S.A.
TESTEX NEWARK, DE 19715 USA
X COARSE Plus (useful range: see data sheet)
sample 6-20-23
reading 3.6
gage less 2.0 mils
@ 50 um

PRIMER

Soluble Salt Test Performed: YES [☐] NO [☐] Results: _____ µg/cm²
Satisfactory Pre-cleaning Completed: YES [☐] NO [☐]
Paint mixed per manufacturer's instructions: YES [☐] NO [☐]
Time Elapsed Since Surface Prep: _____
Specified Material: _____ Material Applied: _____
Part A Batch #'s: _____ Part A Batch #'s: _____
Part B Batch #'s: _____ Part B Batch #'s: _____
Part C Batch #'s: _____ Part C Batch #'s: _____
Thinner Batch #'s: _____ Thinner Batch #'s: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Material Temp: _____ Typical Wet Film Readings: _____ mils
Qty. Mixed: _____ Qty. Applied: _____ Approximate SF: _____
Min. Storage Temp. _____ Max. Storage Temp. _____ Actual Storage Temperature

INTERMEDIATE ☐ ***FINISH*** ☐

Satisfactory Intercoat-cleaning Completed: YES [☐] NO [☐]
Soluble Salt Test Performed: YES [☐] NO [☐] Results: _____ µg/cm²
Satisfactory Pre-cleaning Completed: YES [☐] NO [☐]
Paint mixed per manufacturer's instructions: YES [☐] NO [☐]
Specified Material: _____ Material Applied: _____
Part A Batch #'s: _____ Part A Batch #'s: _____
Part B Batch #'s: _____ Part B Batch #'s: _____
Part C Batch #'s: _____ Part C Batch #'s: _____
Thinner Batch #'s: _____ Thinner Batch #'s: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Material Temp: _____ Typical Wet Film Readings: _____ mils
Qty. Mixed: _____ Qty. Applied: _____ Approximate SF: _____
Min. Storage Temp. _____ Max. Storage Temp. _____ Actual Storage Temperature

Notes: PERFORMED A BLOTTER TEST-STARTED ABRASIVE BLASTING IN ZONE 4D,LEVELS 16,12,11,9 AND 2.
ALL ABRASIVE BLASTING ACTIVITIES ARE BEING PERFORMED UNDER A CONTAINMENT.

The undersigned certifies that the above information is true and accurate to the best of my knowledge
QC Inspector Signature: _____ Date: 6/20/2023
QC Supervisor Signature: _____ Date: 6-23-23

Distribution: 1. Jobsite file 2. Project Manager 3. Client
The results relate only to items inspected/tested
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CERTIFIED COATINGS COMPANY/MUEHLHAN CERTIFIED COATINGS, INC.
2320 CORDELIA ROAD, FAIRFIELD, CA 94534
QUALITY CONTROL - DAILY REPORT

Client Representative: McCARTHY
Certified Supervisor: TJ GARLAND-ISRAEL VILLALOBOS
Work Location: MOFFETT FIELD CA.
Owner: GOOGLE
Task: ABRASIVE BLASTING IN ZONE 4 AREA D

Project: HANGAR 1
Inspector: JUAN MARTINEZ
Date Worked: Wednesday, June 21, 2023
Address: FORMER NAVAL AIR STATION
MOFFETT FIELD CA.94305

Environmental Conditions:

	5:19 AM	9:19 AM	1:19 PM	5:19 PM					Specified Conditions
Time									
Dry Bulb	58.2 °F	58.1 °F	78.5 °F	105.9 °F					35-120 F
Wet Bulb	50.7 °F	50.0 °F	63.7 °F	76.4 °F					
Depression	7.5 °F	8.1 °F	14.8 °F	29.5 °F					
Relative Humidity	56.9%	53.0%	40.5%	20.8%					85%
Dew Point	43.0 °F	41.1 °F	52.5 °F	57.5 °F					
Steel temp	53.5 °F	57.0 °F	78.8 °F	105.6 °F					35-120 F
Difference	10.4 °F	15.9 °F	26.3 °F	48.1 °F					+5 F
Conditions	SAT	SAT	SAT	SAT					

Environmental Controls? CONTAINMENT/DUST COLLECTORS.
Work area illumination value: >50 FC
Recommended Minimum Lighting: General - 10 FC, Task Specific - 20 FC, Inspection - 50 FC
QC Instrument Info. POSITECTOR Model No. DPM Serial No. 1025057

SURFACE PREPARATION

☑ STEEL ☐ CONCRETE ☐ WOOD ☐ OTHER

Satisfactory Pre-cleaning Completed: YES [☑] NO [☐]

Specified Cleaning: SP 1 [☐] SP 2 [☐] SP 3 [☐] SP 5 [☐] SP 6 [☑] SP 7 [☐] SP 10 [☐] SP 11 [☐]
Actual Cleaning: SP 1 [☐] SP 2 [☐] SP 3 [☐] SP 5 [☐] SP 6 [☐] SP 7 [☐] SP 10 [☑] SP 11 [☐]
Pressure Washing: N/A PSI
Comments: N/A
Abrasive used: Type GARNET Compressed Air Tested? YES [☑] NO [☐]
Size GX2 (attach pictures of blotter - note date & time)
Blasting performed by evaluated/approved blasters: YES [☑] NO [☐]
Abrasive cleanliness inspected and acceptable: YES [☑] NO [☐]
Vial test performed on this batch of abrasive? YES [☑] NO [☐]
Profile specified: 2 mils Actual Profile: 3.6 mils

PRESS-O-FILM™ Made in U.S.A.
TESTEX NEWARK, DE 19715 USA
X COARSE Plus (useful range: see data sheet)
sample 6-21-23
reading 3.6
gage less 2.0 mils or 50 µm

PRIMER

Soluble Salt Test Performed: YES [☐] NO [☐] Results: _____ µg/cm²
Satisfactory Pre-cleaning Completed: YES [☐] NO [☐]
Paint mixed per manufacturer's instructions: YES [☐] NO [☐]
Time Elapsed Since Surface Prep: _____
Specified Material: _____ Material Applied: _____
Part A Batch #'s: _____ Part A Batch #'s: _____
Part B Batch #'s: _____ Part B Batch #'s: _____
Part C Batch #'s: _____ Part C Batch #'s: _____
Thinner Batch #'s: _____ Thinner Batch #'s: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Material Temp: _____ Typical Wet Film Readings: _____ mils
Qty. Mixed: _____ Qty. Applied: _____ Approximate SF: _____
Min. Storage Temp. Max. Storage Temp. Actual Storage Temperature

INTERMEDIATE ☐ ***FINISH*** ☐

Satisfactory Intercoat-cleaning Completed: YES [☐] NO [☐]
Soluble Salt Test Performed: YES [☐] NO [☐] Results: _____ µg/cm²
Satisfactory Pre-cleaning Completed: YES [☐] NO [☐]
Paint mixed per manufacturer's instructions: YES [☐] NO [☐]
Specified Material: _____ Material Applied: _____
Part A Batch #'s: _____ Part A Batch #'s: _____
Part B Batch #'s: _____ Part B Batch #'s: _____
Part C Batch #'s: _____ Part C Batch #'s: _____
Thinner Batch #'s: _____ Thinner Batch #'s: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Material Temp: _____ Typical Wet Film Readings: _____ mils
Qty. Mixed: _____ Qty. Applied: _____ Approximate SF: _____
Min. Storage Temp. Max. Storage Temp. Actual Storage Temperature

Notes: PERFORMED A BLOTTER TEST-CONTINUE ABRASIVE BLASTING IN ZONE 4D,LEVELS 16,15,13,12,10,7,6 AND 2.
ALL ABRASIVE BLASTING ACTIVITIES ARE BEING PERFORMED UNDER A CONTAINMENT.

The undersigned certifies that the above information is true and accurate to the best of my knowledge
QC Inspector Signature: _____ Date: 6/21/2023
QC Supervisor Signature: _____ Date: 6-23-23

The results relate only to items inspected/tested
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CERTIFIED COATINGS COMPANY/MUEHLHAN CERTIFIED COATINGS, INC.
2320 CORDELIA ROAD, FAIRFIELD, CA 94534
QUALITY CONTROL - DAILY REPORT

Client Representative: McCARTHY
Certified Supervisor: TJ GARLAND-ISRAEL VILLALOBOS
Work Location: MOFFETT FIELD CA.
Owner: GOOGLE
Task: ABRASIVE BLASTING IN ZONE 4 AREA D

Project: HANGAR 1
Inspector: JUAN MARTINEZ
Date Worked: Thursday, June 22, 2023
Address: FORMER NAVAL AIR STATION
MOFFETT FIELD CA.94305

Environmental Conditions:

									Specified Conditions
Time	5:19 AM	9:19 AM	1:21 PM	5:21 PM					
Dry Bulb	60.5 °F	64.0 °F	81.2 °F	108.4 °F					35-120 F
Wet Bulb	54.9 °F	54.8 °F	63.9 °F	76.6 °F					
Depression	5.6 °F	9.2 °F	17.3 °F	31.8 °F					
Relative Humidity	68.8%	52.3%	33.4%	17.0%					85%
Dew Point	50.3 °F	46.2 °F	49.7 °F	54.0 °F					
Steel temp	61.9 °F	63.1 °F	81.3 °F	109.7 °F					35-120 F
Difference	11.7 °F	16.9 °F	31.7 °F	55.7 °F					+5 F
Conditions	SAT	SAT	SAT	SAT					

Environmental Controls? CONTAINMENT/DUST COLLECTORS.
Work area illumination value: >50 FC
Recommended Minimum Lighting: General - 10 FC, Task Specific - 20 FC, Inspection - 50 FC
QC Instrument Info. POSITECTOR Model No. DPM Serial No. 1025057

SURFACE PREPARATION

☑ **STEEL** ☐ **CONCRETE** ☐ **WOOD** ☐ **OTHER**

Satisfactory Pre-cleaning Completed: YES [☑] NO [☐]

Specified Cleaning: SP 1 [☐] SP 2 [☐] SP 3 [☐] SP 5 [☐] SP 6 [☑] SP 7 [☐] SP 10 [☐] SP 11 [☐]
Actual Cleaning: SP 1 [☐] SP 2 [☐] SP 3 [☐] SP 5 [☐] SP 6 [☐] SP 7 [☐] SP 10 [☑] SP 11 [☐]
Pressure Washing: N/A PSI
Comments: N/A
Abrasive used: Type GARNET Compressed Air Tested? YES [☑] NO [☐]
Size GX2 (attach pictures of blotter - note date & time)
Blasting performed by evaluated/approved blasters: YES [☑] NO [☐]
Abrasive cleanliness inspected and acceptable: YES [☑] NO [☐]
Vial test performed on this batch of abrasive? YES [☑] NO [☐]
Profile specified: 2 mils Actual Profile: 3.6 mils

PRESS-O-FILM™ Made in U.S.A.
TESTEX NEWARK, DE 19715 USA
X COARSE Plus (useful range: see data sheet)
sample reading 3.6 gage less 2.0 mils or 50 µm
6-22-23

PRIMER

Soluble Salt Test Performed: YES [☐] NO [☐] Results: _____ µg/cm²
Satisfactory Pre-cleaning Completed: YES [☐] NO [☐]
Paint mixed per manufacturer's instructions: YES [☐] NO [☐]
Time Elapsed Since Surface Prep: _____
Specified Material: _____ Material Applied: _____
Part A Batch #'s: _____ Part A Batch #'s: _____
Part B Batch #'s: _____ Part B Batch #'s: _____
Part C Batch #'s: _____ Part C Batch #'s: _____
Thinner Batch #'s: _____ Thinner Batch #'s: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Material Temp: _____ Typical Wet Film Readings: _____ mils
Qty. Mixed: _____ Qty. Applied: _____ Approximate SF: _____
Min. Storage Temp. Max. Storage Temp. Actual Storage Temperature

INTERMEDIATE ☐ ***FINISH*** ☐

Satisfactory Intercoat-cleaning Completed: YES [☐] NO [☐]
Soluble Salt Test Performed: YES [☐] NO [☐] Results: _____ µg/cm²
Satisfactory Pre-cleaning Completed: YES [☐] NO [☐]
Paint mixed per manufacturer's instructions: YES [☐] NO [☐]
Specified Material: _____ Material Applied: _____
Part A Batch #'s: _____ Part A Batch #'s: _____
Part B Batch #'s: _____ Part B Batch #'s: _____
Part C Batch #'s: _____ Part C Batch #'s: _____
Thinner Batch #'s: _____ Thinner Batch #'s: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Material Temp: _____ Typical Wet Film Readings: _____ mils
Qty. Mixed: _____ Qty. Applied: _____ Approximate SF: _____
Min. Storage Temp. Max. Storage Temp. Actual Storage Temperature

Notes: PERFORMED A BLOTTER TEST-CONTINUE ABRASIVE BLASTING IN ZONE 4D,LEVELS 15,14,12,11,9,7,6,2.
ALL ABRASIVE BLASTING ACTIVITIES ARE BEING PERFORMED UNDER A CONTAINMENT.

The undersigned certifies that the above information is true and accurate to the best of my knowledge
QC Inspector Signature: _____ Date: 6/22/2023
QC Supervisor Signature: _____ Date: 6-23-23

The results relate only to items inspected/tested
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CERTIFIED COATINGS COMPANY/MUEHLHAN CERTIFIED COATINGS, INC.
2320 CORDELIA ROAD, FAIRFIELD, CA 94534
QUALITY CONTROL - DAILY REPORT

Client Representative:	McCARTHY	Project:	HANGAR 1
Certified Supervisor:	TJ GARLAND-ISRAEL VILLALOBOS	Inspector:	JUAN MARTINEZ
Work Location:	MOFFETT FIELD CA.	Date Worked:	Monday, June 26, 2023
Owner:	GOOGLE	Address:	FORMER NAVAL AIR STATION
Task:	ABRASIVE BLASTING IN ZONE 4 AREA D		MOFFETT FIELD CA.94305

Environmental Conditions:

	6:21 AM	10:21 AM	2:21 PM	6:21 PM					Specified Conditions
Time									
Dry Bulb	60.1 °F	61.7 °F	87.8 °F	99.9 °F					35-120 F
Wet Bulb	53.8 °F	55.0 °F	68.5 °F	73.4 °F					
Depression	6.3 °F	6.7 °F	19.3 °F	26.5 °F					
Relative Humidity	65.2%	63.9%	33.0%	22.7%					85%
Dew Point	48.4 °F	49.4 °F	55.1 °F	55.1 °F					
Steel temp	65.2 °F	63.9 °F	33.0 °F	22.7 °F					35-120 F
Difference	10.4 °F	11.6 °F	33.4 °F	44.7 °F					+5 F
Conditions	SAT	SAT	SAT	SAT					

Environmental Controls? CONTAINMENT/DUST COLLECTORS.
Work area illumination value: >50 FC
Recommended Minimum Lighting: General - 10 FC, Task Specific - 20 FC, Inspection - 50 FC
QC Instrument Info. POSITECTOR Model No. DPM Serial No. 1025057

SURFACE PREPARATION

☑ STEEL ☐ CONCRETE ☐ WOOD ☐ OTHER

Satisfactory Pre-cleaning Completed: YES [☑] NO [☐]

Specified Cleaning: SP 1 [☐] SP 2 [☐] SP 3 [☐] SP 5 [☐] SP 6 [☑] SP 7 [☐] SP 10 [☐] SP 11 [☐]
Actual Cleaning: SP 1 [☐] SP 2 [☐] SP 3 [☐] SP 5 [☐] SP 6 [☐] SP 7 [☐] SP 10 [☑] SP 11 [☐]
Pressure Washing: N/A PSI
Comments: N/A
Abrasive used: Type GARNET Compressed Air Tested? YES [☑] NO [☐]
Size GX2 (attach pictures of blotter - note date & time)
Blasting performed by evaluated/approved blasters: YES [☑] NO [☐]
Abrasive cleanliness inspected and acceptable: YES [☑] NO [☐]
Vial test performed on this batch of abrasive? YES [☑] NO [☐]
Profile specified: 2 mils Actual Profile: 3.5 mils

PRESS-O-FILM™ Made in U.S.A.
TESTEX NEWARK, DE 19715 USA
X COARSE Plus (useful range: see data sheet)
Sample reading 6-26-23 gage less 2.0 mils or 50 µm

PRIMER

Soluble Salt Test Performed: YES [☐] NO [☐] Results: _____ µg/cm²
Satisfactory Pre-cleaning Completed: YES [☐] NO [☐]
Paint mixed per manufacturer's instructions: YES [☐] NO [☐]
Time Elapsed Since Surface Prep: _____
Specified Material: _____ Material Applied: _____
Part A Batch #'s: _____ Part A Batch #'s: _____
Part B Batch #'s: _____ Part B Batch #'s: _____
Part C Batch #'s: _____ Part C Batch #'s: _____
Thinner Batch #'s: _____ Thinner Batch #'s: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Material Temp: _____ Typical Wet Film Readings: _____ mils
Qty. Mixed: _____ Qty. Applied: _____ Approximate SF: _____
Min. Storage Temp. Max. Storage Temp. Actual Storage Temperature

INTERMEDIATE ☐ ***FINISH*** ☐

Satisfactory Intercoat-cleaning Completed: YES [☐] NO [☐]
Soluble Salt Test Performed: YES [☐] NO [☐] Results: _____ µg/cm²
Satisfactory Pre-cleaning Completed: YES [☐] NO [☐]
Paint mixed per manufacturer's instructions: YES [☐] NO [☐]
Specified Material: _____ Material Applied: _____
Part A Batch #'s: _____ Part A Batch #'s: _____
Part B Batch #'s: _____ Part B Batch #'s: _____
Part C Batch #'s: _____ Part C Batch #'s: _____
Thinner Batch #'s: _____ Thinner Batch #'s: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Material Temp: _____ Typical Wet Film Readings: _____ mils
Qty. Mixed: _____ Qty. Applied: _____ Approximate SF: _____
Min. Storage Temp. Max. Storage Temp. Actual Storage Temperature

Notes: PERFORMED A BLOTTER TEST-CONTINUE ABRASIVE BLASTING IN ZONE 4D,LEVELS 14,11,9,8,7 AND 6.

ALL ABRASIVE BLASTING ACTIVITIES ARE BEING PERFORMED UNDER A CONTAINMENT.

The undersigned certifies that the above information is true and accurate to the best of my knowledge
QC Inspector Signature: _____ Date: 6/26/2023
QC Supervisor Signature: _____ Date: 6-27-23

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CERTIFIED COATINGS COMPANY/MUEHLHAN CERTIFIED COATINGS, INC.
2320 CORDELIA ROAD, FAIRFIELD, CA 94534
QUALITY CONTROL - DAILY REPORT

Client Representative: McCARTHY
Certified Supervisor: TJ GARLAND-ISRAEL VILLALOBOS
Work Location: MOFFETT FIELD CA.
Owner: GOOGLE
Task: ABRASIVE BLASTING IN ZONE 4 AREA D

Project: HANGAR 1
Inspector: JUAN MARTINEZ
Date Worked: Monday, July 17, 2023
Address: FORMER NAVAL AIR STATION MOFFETT FIELD CA.94305

Environmental Conditions:

Time	6:22 AM	10:22 AM	2:22 PM	6:22 PM					Specified Conditions
Dry Bulb	73.8 °F	69.6 °F	67.4 °F	62.6 °F					35-120 F
Wet Bulb	65.3 °F	58.6 °F	57.8 °F	55.3 °F					
Depression	8.5 °F	11.0 °F	9.6 °F	7.3 °F					
Relative Humidity	62.8%	49.1%	53.8%	61.2%					85%
Dew Point	60.3 °F	49.6 °F	50.1 °F	49.1 °F					
Steel temp	73.6 °F	69.3 °F	66.3 °F	61.6 °F					35-120 F
Difference	13.3 °F	19.7 °F	16.2 °F	12.5 °F					+5 F
Conditions	SAT	SAT	SAT	SAT					

Environmental Controls? CONTAINMENT AND DUST COLLECTORS.
Work area illumination value: >50 FC
Recommended Minimum Lighting: General - 10 FC, Task Specific - 20 FC, Inspection - 50 FC
QC Instrument Info. POSITECTOR Model No. DPM Serial No. 447475

SURFACE PREPARATION

☑ **STEEL** ☐ **CONCRETE** ☐ **WOOD** ☐ **OTHER**

Satisfactory Pre-cleaning Completed: YES [☑] NO [☐]
Specified Cleaning: SP 1 [☐] SP 2 [☐] SP 3 [☐] SP 5 [☐] SP 6 [☑] SP 7 [☐] SP 10 [☐] SP 11 [☐]
Actual Cleaning: SP 1 [☐] SP 2 [☐] SP 3 [☐] SP 5 [☐] SP 6 [☐] SP 7 [☐] SP 10 [☑] SP 11 [☐]
Pressure Washing: N/A PSI
Comments: N/A
Abrasive used: Type GARNET Compressed Air Tested? YES [☑] NO [☐]
Size GX2 (attach pictures of blotter - note date & time)
Blasting performed by evaluated/approved blasters: YES [☑] NO [☐]
Abrasive cleanliness inspected and acceptable: YES [☑] NO [☐]
Vial test performed on this batch of abrasive? YES [☑] NO [☐]
Profile specified: 2 mils Actual Profile: 3.2 mils

PRESS-O-FILM™ Made in U.S.A.
TESTEX NEWARK, DE 19715 USA
X COARSE Plus (useful range: see data sheet)
sample reading gage less 2.0 mils or 50 µm

PRIMER

Soluble Salt Test Performed: YES [☐] NO [☐] Results: _____ µg/cm²
Satisfactory Pre-cleaning Completed: YES [☐] NO [☐]
Paint mixed per manufacturer's instructions: YES [☐] NO [☐]
Time Elapsed Since Surface Prep: _____
Specified Material: _____ Material Applied: _____
Part A Batch #'s: _____ Part A Batch #'s: _____
Part B Batch #'s: _____ Part B Batch #'s: _____
Part C Batch #'s: _____ Part C Batch #'s: _____
Thinner Batch #'s: _____ Thinner Batch #'s: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Material Temp: _____ Typical Wet Film Readings: _____ mils
Qty. Mixed: _____ Qty. Applied: _____ Approximate SF: _____
Min. Storage Temp. Max. Storage Temp. Actual Storage Temperature

INTERMEDIATE ☐ ***FINISH*** ☐

Satisfactory Intercoat-cleaning Completed: YES [☐] NO [☐]
Soluble Salt Test Performed: YES [☐] NO [☐] Results: _____ µg/cm²
Satisfactory Pre-cleaning Completed: YES [☐] NO [☐]
Paint mixed per manufacturer's instructions: YES [☐] NO [☐]
Specified Material: _____ Material Applied: _____
Part A Batch #'s: _____ Part A Batch #'s: _____
Part B Batch #'s: _____ Part B Batch #'s: _____
Part C Batch #'s: _____ Part C Batch #'s: _____
Thinner Batch #'s: _____ Thinner Batch #'s: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Material Temp: _____ Typical Wet Film Readings: _____ mils
Qty. Mixed: _____ Qty. Applied: _____ Approximate SF: _____
Min. Storage Temp. Max. Storage Temp. Actual Storage Temperature

Notes: PERFORM A BLOTTER TEST ON AIR COMRESSORS;STARTED ABRASIVE BLASTING IN ZONE 4 AREA D LEVELS 5 TO GROUND LEVEL.

The undersigned certifies that the above information is true and accurate to the best of my knowledge
QC Inspector Signature: _____ Date: 7/17/2023
QC Supervisor Signature: _____ Date: 7-18-23

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CERTIFIED COATINGS COMPANY/MUEHLHAN CERTIFIED COATINGS, INC.
2320 CORDELIA ROAD, FAIRFIELD, CA 94534
QUALITY CONTROL - DAILY REPORT

Client Representative:	McCARTHY	Project:	HANGAR 1
Certified Supervisor:	TJ GARLAND-ISRAEL VILLALOBOS	Inspector:	JUAN MARTINEZ
Work Location:	MOFFETT FIELD CA.	Date Worked:	Wednesday, July 19, 2023
Owner:	GOOGLE	Address:	FORMER NAVAL AIR STATION
Task:	ABRASIVE BLASTING IN ZONE 4 AREA D		MOFFETT FIELD CA.94305

Environmental Conditions:

Time	5:43 AM	9:43 AM	1:43 PM	5:43 PM					Specified Conditions
Dry Bulb	63.4 °F	67.7 °F	89.5 °F	103.7 °F					35-120 F
Wet Bulb	57.0 °F	59.7 °F	70.2 °F	76.9 °F					
Depression	6.4 °F	8.0 °F	19.3 °F	26.8 °F					
Relative Humidity	66.7%	61.5%	34.9%	25.9%					85%
Dew Point	52.1 °F	54.0 °F	58.1 °F	62.0 °F					
Steel temp	62.6 °F	66.5 °F	89.2 °F	103.9 °F					35-120 F
Difference	10.5 °F	12.5 °F	31.1 °F	41.9 °F					+5 F
Conditions	SAT	SAT	SAT	SAT					

Environmental Controls? CONTAINMENT AND DUST COLLECTORS.
Work area illumination value: >50 FC
Recommended Minimum Lighting: General - 10 FC, Task Specific - 20 FC, Inspection - 50 FC
QC Instrument Info. POSITECTOR Model No. DPM Serial No. 447475

SURFACE PREPARATION

☑ **STEEL** ☐ **CONCRETE** ☐ **WOOD** ☐ **OTHER** _____

Satisfactory Pre-cleaning Completed: YES [☑] NO [☐]

Specified Cleaning:	SP 1 [☐]	SP 2 [☐]	SP 3 [☐]	SP 5 [☐]	SP 6 [☑]	SP 7 [☐]	SP 10 [☐]	SP 11 [☐]
Actual Cleaning:	SP 1 [☐]	SP 2 [☐]	SP 3 [☐]	SP 5 [☐]	SP 6 [☐]	SP 7 [☐]	SP 10 [☑]	SP 11 [☐]

Pressure Washing: N/A PSI
Comments: N/A
Abrasive used: Type GARNET Compressed Air Tested? YES [☑] NO [☐]
Size GX2 (attach pictures of blotter - note date & time)
Blasting performed by evaluated/approved blasters: YES [☑] NO [☐]
Abrasive cleanliness inspected and acceptable: YES [☑] NO [☐]
Vial test performed on this batch of abrasive? YES [☑] NO [☐]
Profile specified: 2 mils Actual Profile: 3.8 mils

PRESS-O-FILM™ Made in U.S.A.
TESTEX NEWARK, DE 19715 USA
X COARSE Plus (useful range: see data sheet)
sample reading 3.1 & 3.8 mils gage less 2.0 mils or 50 µm

PRIMER

Soluble Salt Test Performed: YES [☐] NO [☐] Results: _____ µg/cm²
Satisfactory Pre-cleaning Completed: YES [☐] NO [☐]
Paint mixed per manufacturer's instructions: YES [☐] NO [☐]
Time Elapsed Since Surface Prep: _____
Specified Material: _____ Material Applied: _____
Part A Batch #'s: _____ Part A Batch #'s: _____
Part B Batch #'s: _____ Part B Batch #'s: _____
Part C Batch #'s: _____ Part C Batch #'s: _____
Thinner Batch #'s: _____ Thinner Batch #'s: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Material Temp: _____ Typical Wet Film Readings: _____ mils
Qty. Mixed: _____ Qty. Applied: _____ Approximate SF: _____
Min. Storage Temp. Max. Storage Temp. Actual Storage Temperature

INTERMEDIATE ☐ ***FINISH*** ☐

Satisfactory Intercoat-cleaning Completed: YES [☐] NO [☐]
Soluble Salt Test Performed: YES [☐] NO [☐] Results: _____ µg/cm²
Satisfactory Pre-cleaning Completed: YES [☐] NO [☐]
Paint mixed per manufacturer's instructions: YES [☐] NO [☐]
Specified Material: _____ Material Applied: _____
Part A Batch #'s: _____ Part A Batch #'s: _____
Part B Batch #'s: _____ Part B Batch #'s: _____
Part C Batch #'s: _____ Part C Batch #'s: _____
Thinner Batch #'s: _____ Thinner Batch #'s: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Material Temp: _____ Typical Wet Film Readings: _____ mils
Qty. Mixed: _____ Qty. Applied: _____ Approximate SF: _____
Min. Storage Temp. Max. Storage Temp. Actual Storage Temperature

Notes: PERFORM A BLOTTER TEST ON AIR COMRESSORS;CONTINUE ABRASIVE BLASTING IN ZONE 4 AREA D LEVELS 3 TO GROUND LEVEL.

The undersigned certifies that the above information is true and accurate to the best of my knowledge
QC Inspector Signature: _____ Date: 7/19/2023
QC Supervisor Signature: _____ Date: 7-21-23

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CERTIFIED COATINGS COMPANY/MUEHLHAN CERTIFIED COATINGS, INC.
2320 CORDELIA ROAD, FAIRFIELD, CA 94534
QUALITY CONTROL - DAILY REPORT

Client Representative: McCARTHY
Certified Supervisor: TJ GARLAND-ISRAEL VILLALOBOS
Work Location: MOFFETT FIELD CA.
Owner: GOOGLE
Task: ABRASIVE BLASTING IN ZONE 4 AREA D

Project: HANGAR 1
Inspector: JUAN MARTINEZ
Date Worked: Thursday, July 20, 2023
Address: FORMER NAVAL AIR STATION
MOFFETT FIELD CA.94305

Environmental Conditions:

	5:19 AM	9:19 AM	1:19 PM	5:19 PM					Specified Conditions
Time									
Dry Bulb	66.0 °F	67.6 °F	84.4 °F	117.1 °F					35-120 F
Wet Bulb	59.8 °F	58.9 °F	68.4 °F	82.1 °F					
Depression	6.2 °F	8.7 °F	16.0 °F	35.0 °F					
Relative Humidity	68.9%	58.0%	41.6%	18.7%					85%
Dew Point	55.5 °F	52.3 °F	58.5 °F	63.7 °F					
Steel temp	65.5 °F	66.3 °F	84.3 °F	119.8 °F					35-120 F
Difference	10.0 °F	14.1 °F	25.9 °F	56.1 °F					+5 F
Conditions	SAT	SAT	SAT	SAT					

Environmental Controls? CONTAINMENT AND DUST COLLECTORS.
Work area illumination value: >50 FC
Recommended Minimum Lighting: General - 10 FC, Task Specific - 20 FC, Inspection - 50 FC
QC Instrument Info. POSITECTOR Model No. DPM Serial No. 447475

SURFACE PREPARATION

☑ STEEL ☐ CONCRETE ☐ WOOD ☐ OTHER

Satisfactory Pre-cleaning Completed: YES [☑] NO [☐]

Specified Cleaning:	SP 1 [☐]	SP 2 [☐]	SP 3 [☐]	SP 5 [☐]	SP 6 [☑]	SP 7 [☐]	SP 10 [☐]	SP 11 [☐]	
Actual Cleaning:	SP 1 [☐]	SP 2 [☐]	SP 3 [☐]	SP 5 [☐]	SP 6 [☐]	SP 7 [☐]	SP 10 [☑]	SP 11 [☐]	

Pressure Washing: N/A PSI
Comments: N/A
Abrasive used: Type GARNET Compressed Air Tested? YES [☑] NO [☐]
Size GX2 (attach pictures of blotter - note date & time)
Blasting performed by evaluated/approved blasters: YES [☑] NO [☐]
Abrasive cleanliness inspected and acceptable: YES [☑] NO [☐]
Vial test performed on this batch of abrasive? YES [☑] NO [☐]
Profile specified: 2 mils Actual Profile: 3.2 mils

PRESS-O-FILM™ Made in U.S.A.
TESTEX NEWARK, DE 19715 USA
X COARSE Plus (useful range: see data sheet)
sample reading 3.2 gage less 2.0 mils or 50 µm 7-20-23

PRIMER

Soluble Salt Test Performed: YES [☐] NO [☐] Results: _____ µg/cm²
Satisfactory Pre-cleaning Completed: YES [☐] NO [☐]
Paint mixed per manufacturer's instructions: YES [☐] NO [☐]
Time Elapsed Since Surface Prep: _____
Specified Material: _____ Material Applied: _____
Part A Batch #'s: _____ Part A Batch #'s: _____
Part B Batch #'s: _____ Part B Batch #'s: _____
Part C Batch #'s: _____ Part C Batch #'s: _____
Thinner Batch #'s: _____ Thinner Batch #'s: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Material Temp: _____ Typical Wet Film Readings: _____ mils
Qty. Mixed: _____ Qty. Applied: _____ Approximate SF: _____
Min. Storage Temp. Max. Storage Temp. Actual Storage Temperature

INTERMEDIATE ☐ ***FINISH*** ☐

Satisfactory Intercoat-cleaning Completed: YES [☐] NO [☐]
Soluble Salt Test Performed: YES [☐] NO [☐] Results: _____ µg/cm²
Satisfactory Pre-cleaning Completed: YES [☐] NO [☐]
Paint mixed per manufacturer's instructions: YES [☐] NO [☐]
Specified Material: _____ Material Applied: _____
Part A Batch #'s: _____ Part A Batch #'s: _____
Part B Batch #'s: _____ Part B Batch #'s: _____
Part C Batch #'s: _____ Part C Batch #'s: _____
Thinner Batch #'s: _____ Thinner Batch #'s: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Material Temp: _____ Typical Wet Film Readings: _____ mils
Qty. Mixed: _____ Qty. Applied: _____ Approximate SF: _____
Min. Storage Temp. Max. Storage Temp. Actual Storage Temperature

Notes: PERFORM A BLOTTER TEST ON AIR COMRESSORS;CONTINUE AND FINISHED ABRASIVE BLASTING IN ZONE 4 AREA D FROM LEVEL ~~-27~~ TO GROUND LEVEL.
#7 07/20/23

The undersigned certifies that the above information is true and accurate to the best of my knowledge
QC Inspector Signature: _____ Date: 7/20/2023
QC Supervisor Signature: _____ Date: 7-21-23

Form No. QC0005 Revision: 2 Rev. Date 23-Sep-22 The results relate only to items inspected/tested
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CERTIFIED COATINGS COMPANY/MUEHLHAN CERTIFIED COATINGS, INC.
2320 CORDELIA ROAD, FAIRFIELD, CA 94534
QUALITY CONTROL - DAILY REPORT

Client Representative: McCARTHY
Certified Supervisor: TJ GARLAND-ISRAEL VILLALOBOS
Work Location: MOFFETT FIELD CA.
Owner: GOOGLE
Task: ABRASIVE BLASTING IN ZONE 4 AREA D

Project: HANGAR 1
Inspector: JUAN MARTINEZ
Date Worked: Tuesday, July 18, 2023
Address: FORMER NAVAL AIR STATION
MOFFETT FIELD CA.94305

Environmental Conditions:

									Specified Conditions
Time	5:43 AM	9:43 AM	1:43 PM	5:43 PM					
Dry Bulb	64.4 °F	64.5 °F	80.0 °F	102.5 °F					35-120 F
Wet Bulb	60.1 °F	59.4 °F	66.1 °F	75.6 °F					
Depression	4.3 °F	5.1 °F	13.9 °F	26.9 °F					
Relative Humidity	77.9%	74.1%	45.7%	24.5%					85%
Dew Point	57.3 °F	56.0 °F	57.2 °F	59.4 °F					
Steel temp	66.1 °F	63.6 °F	80.0 °F	103.2 °F					35-120 F
Difference	8.8 °F	7.5 °F	22.8 °F	43.7 °F					+5 F
Conditions	SAT	SAT	SAT	SAT					

Environmental Controls? CONTAINMENT AND DUST COLLECTORS.
Work area illumination value: >50 FC
Recommended Minimum Lighting: General - 10 FC, Task Specific - 20 FC, Inspection - 50 FC
QC Instrument Info. POSITECTOR Model No. DPM Serial No. 447475

SURFACE PREPARATION

☑ STEEL ☐ CONCRETE ☐ WOOD ☐ OTHER

Satisfactory Pre-cleaning Completed: YES [☑] NO [☐]
Specified Cleaning: SP 1 [☐] SP 2 [☐] SP 3 [☐] SP 5 [☐] SP 6 [☑] SP 7 [☐] SP 10 [☐] SP 11 [☐]
Actual Cleaning: SP 1 [☐] SP 2 [☐] SP 3 [☐] SP 5 [☐] SP 6 [☐] SP 7 [☐] SP 10 [☑] SP 11 [☐]
Pressure Washing: N/A PSI
Comments: N/A
Abrasive used: Type GARNET Compressed Air Tested? YES [☑] NO [☐]
Size GX2 (attach pictures of blotter - note date & time)
Blasting performed by evaluated/approved blasters: YES [☑] NO [☐]
Abrasive cleanliness inspected and acceptable: YES [☑] NO [☐]
Vial test performed on this batch of abrasive? YES [☑] NO [☐]
Profile specified: 2 mils Actual Profile: 3.5 mils

PRESS-O-FILM™ Made in U.S.A.
X COARSE Plus (useful range: see data sheet)
TESTEX NEWARK, DE 19715 USA
sample reading 3.5 gage less 2.0 mils or 50 µm

PRIMER

Soluble Salt Test Performed: YES [☐] NO [☐] Results: _____ µg/cm²
Satisfactory Pre-cleaning Completed: YES [☐] NO [☐]
Paint mixed per manufacturer's instructions: YES [☐] NO [☐]
Time Elapsed Since Surface Prep: _____
Specified Material: _____ Material Applied: _____
Part A Batch #'s: _____ Part A Batch #'s: _____
Part B Batch #'s: _____ Part B Batch #'s: _____
Part C Batch #'s: _____ Part C Batch #'s: _____
Thinner Batch #'s: _____ Thinner Batch #'s: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Material Temp: _____ Typical Wet Film Readings: _____ mils
Qty. Mixed: _____ Qty. Applied: _____ Approximate SF: _____
Min. Storage Temp. Max. Storage Temp. Actual Storage Temperature

INTERMEDIATE ☐ ***FINISH*** ☐

Satisfactory Intercoat-cleaning Completed: YES [☐] NO [☐]
Soluble Salt Test Performed: YES [☐] NO [☐] Results: _____ µg/cm²
Satisfactory Pre-cleaning Completed: YES [☐] NO [☐]
Paint mixed per manufacturer's instructions: YES [☐] NO [☐]
Specified Material: _____ Material Applied: _____
Part A Batch #'s: _____ Part A Batch #'s: _____
Part B Batch #'s: _____ Part B Batch #'s: _____
Part C Batch #'s: _____ Part C Batch #'s: _____
Thinner Batch #'s: _____ Thinner Batch #'s: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Mix Time: _____ Start Application: _____ Time Complete: _____ Pot Life: _____
Material Temp: _____ Typical Wet Film Readings: _____ mils
Qty. Mixed: _____ Qty. Applied: _____ Approximate SF: _____
Min. Storage Temp. Max. Storage Temp. Actual Storage Temperature

Notes: PERFORM A BLOTTER TEST ON AIR COMRESSORS;CONTINUE ABRASIVE BLASTING IN ZONE 4 AREA D LEVELS 5 TO GROUND LEVEL.

The undersigned certifies that the above information is true and accurate to the best of my knowledge
QC Inspector Signature: _____ Date: 7/18/2023
QC Supervisor Signature: _____ Date: 7-21-23
Form No. QC0005 Revision: 2 Rev. Date 23-Sep-22 The results relate only to items inspected/tested
Distribution: 1. Jobsite file 2. Project Manager 3. Client
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Attachment 2

Tabulated PCB and Lead Confirmation Wipe Sampling Analytical Results

Validated Confirmation Wipe Sampling Results - High Occupancy Area within Zone 4

Hangar 1 NTCRA
Former Naval Air Station Moffett Field, California

			Lead	PCBs								
			Result	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Aroclor-1262	Aroclor-1268
Location ID [a]	Sample Date	Enclosure	µg/ft²	Concentration - µg/100 cm²								
Cleanup Goal (High Occupancy Zone)			<250	≤10	≤10	≤10	≤10	≤10	≤10	≤10	≤10	≤10
AFRAME-C6E-MED-L3-EXT-1 TO 2-230601-WF [b]	06/01/2023	A/B	160	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C6E-MED-L3-EXT-1 TO 2-230601-DUP-WF	06/01/2023	A/B	170	--	--	--	--	--	--	--	--	--
AFRAME-C6E-LAT-L3-UP-C6.7-DG-230601-LA	06/01/2023	A/B	110	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C6E-LAT-L3-UP-C6.7-DG-230601-DUP-LA	06/01/2023	A/B	--	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C6E-MED-L3-UP-C6.5-HM-230601-CB	06/01/2023	A/B	62	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C7E-LAT-L3-EXT-1 TO 2-230601-WF [b]	06/01/2023	A/B	250	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C7E-LAT-L3-EXT-1 TO 2-230601-DUP-WF	06/01/2023	A/B	280	--	--	--	--	--	--	--	--	--
AFRAME-C7E-LAT-L3-UP-C7.1-DG-230601-LA	06/01/2023	A/B	110	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C7E-LAT-L3-UP-C7.1-DG-230601-DUP-LA	06/01/2023	A/B	--	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C7E-MED-L3-UP-C7.6-HM-230601-CB	06/01/2023	A/B	140	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C6E-LAT-L3-UP-C6.4-DG-230601-LA	06/01/2023	A/B	69	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C6E-MED-L3-UP-C6E-DG-230601-LA	06/01/2023	A/B	71	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C7E-MED-L3-UP-C7E-DG-230601-LA	06/01/2023	A/B	81	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C7E-LAT-L3-UP-C7.3-DG-230601-LA	06/01/2023	A/B	140	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C7E-LAT-L3-UP-C7.6-HS-230601-LA	06/01/2023	A/B	66	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C6E-LAT-L3-EXT-0 TO 1-230601-WF	06/01/2023	A/B	81	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C6E-MED-L3-DN-C6.2-DG-230601-LA	06/01/2023	A/B	180	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C7E-MED-L3-EXT-0 TO 1-230601-WF	06/01/2023	A/B	110	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C7E-LAT-L3-DN-C7E-DG-230601-LA	06/01/2023	A/B	110	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C7E-MED-L3-DN-C7.5-DG-230601-LA	06/01/2023	A/B	49	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C7E-MED-L3-DN-C7.5-DG-230601-DUP-LA	06/01/2023	A/B	--	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C6E-MED-L2-EXT-0 TO 1-230601-WF	06/01/2023	A/B	290	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C6E-MED-L2-INT-0.5 TO 1-230601-FB	06/01/2023	A/B	170	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C6E-MED-L2-UP-C6.6-DG-230601-LA	06/01/2023	A/B	390	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C6E-MED-L2-UP-C6.6-DG-230601-DUP-LA	06/01/2023	A/B	--	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C7E-MED-L2-HS-1-230601-G	06/01/2023	A/B	250	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C7E-LAT-L2-INT-0.5 TO 1-230601-FB	06/01/2023	A/B	180	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C7E-LAT-L2-EXT-0 TO 1-230601-WF [b]	06/01/2023	A/B	220	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C7E-LAT-L2-EXT-0 TO 1-230601-DUP-WF	06/01/2023	A/B	270	--	--	--	--	--	--	--	--	--
AFRAME-C7E-LAT-L2-UP-C7.1-VS-230601-I	06/01/2023	A/B	<12 U	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C7E-MED-L2-UP-C7.2-DG-230601-LA	06/01/2023	A/B	240	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C6E-LAT-L2-INT-0 TO 0.5-230601-FB	06/01/2023	A/B	420	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C6E-LAT-L2-DN-C6.1-DG-230601-LA	06/01/2023	A/B	140	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C7E-MED-L2-INT-0 TO 0.5-230601-FB	06/01/2023	A/B	310	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C7E-MED-L2-EXT-0 TO 1-230601-WF	06/01/2023	A/B	290	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C7E-MED-L2-DN-C7.5-VS-230601-LA	06/01/2023	A/B	240	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42
AFRAME-C7E-MED-L2-DN-C7.5-VS-230601-DUP-LA	06/01/2023	A/B	--	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C6E-MED-L1-HS-3-230601-G	06/01/2023	A/B	210	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C6E-MED-L1-HS-3-230601-A	06/01/2023	A/B	280	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C6E-LAT-L1-HS-3-230601-A	06/01/2023	A/B	330	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C6E-LAT-L1-HS-3-230601-DUP-A [b]	06/01/2023	A/B	250	--	--	--	--	--	--	--	--	--
AFRAME-C6E-LAT-L1-UP-C6.1-VS-230601-I	06/01/2023	A/B	300	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C6E-MED-L1-UP-C6.1-DG-230601-SS	06/01/2023	A/B	330	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C6E-MED-L1-UP-C6.6-DG-230601-SS	06/01/2023	A/B	260	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C6E-MED-L1-UP-C6.6-DG-230601-DUP-SS [b]	06/01/2023	A/B	190	--	--	--	--	--	--	--	--	--
AFRAME-C7E-LAT-L1-HS-3-230601-A	06/01/2023	A/B	290	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C7E-LAT-L1-UP-C7.7-VS-230601-I	06/01/2023	A/B	250	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C7E-MED-L1-UP-C7.6-DG-230601-SS	06/01/2023	A/B	<10 U	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C6E-LAT-L1-EXT-1 TO 2-230601-WF	06/01/2023	A/B	400	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C6E-MED-L1-INT-1 TO 2-230601-FB	06/01/2023	A/B	190	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C6E-LAT-L1-UP-C6.7-HS-230601-LA	06/01/2023	A/B	98	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C7E-LAT-L1-INT-1 TO 2-230601-FB	06/01/2023	A/B	63	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42
AFRAME-C7E-LAT-L1-UP-C7E-HS-230601-LA	06/01/2023	A/B	66	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C6E-MED-L1-EXT-0 TO 1-230601-WF	06/01/2023	A/B	110	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50

Validated Confirmation Wipe Sampling Results - High Occupancy Area within Zone 4

Hangar 1 NTCRA
Former Naval Air Station Moffett Field, California

			Lead	PCBs								
			Result	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Aroclor-1262	Aroclor-1268
Location ID [a]	Sample Date	Enclosure	µg/ft²	Concentration - µg/100 cm²								
Cleanup Goal (High Occupancy Zone)			<250	≤10	≤10	≤10	≤10	≤10	≤10	≤10	≤10	≤10
AFRAME-C6E-MED-L1-DN-C6.7E-DG-230601-SS	06/01/2023	A/B	**57**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C7E-MED-L1-INT-0 TO 1-230601-FB	06/01/2023	A/B	**59**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C7E-LAT-L1-EXT-0 TO 1-230601-WF	06/01/2023	A/B	**97**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C7E-MED-L1-DN-C7E-DG-230601-SS	06/01/2023	A/B	**56**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C6W-MED-L3-EXT-1 TO 2-230724-WF	07/24/2023	C/D	**56**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
AFRAME-C6W-MED-L3-EXT-1 TO 2-230724-DUP-WF [b]	07/24/2023	C/D	**43**	--	--	--	--	--	--	--	--	--
AFRAME-C6W-LAT-L3-UP-C6.7-DG-230724-LA	07/24/2023	C/D	**34**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
AFRAME-C6W-LAT-L3-UP-C6.7-DG-230724-DUP-LA	07/24/2023	C/D	--	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
AFRAME-C6W-MED-L3-UP-C6.5-HM-230724-CB	07/24/2023	C/D	**22**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
AFRAME-C7W-LAT-L3-EXT-1 TO 2-230724-WF [b]	07/24/2023	C/D	**52**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
AFRAME-C7W-LAT-L3-EXT-1 TO 2-230724-DUP-WF	07/24/2023	C/D	**57**	--	--	--	--	--	--	--	--	--
AFRAME-C7W-LAT-L3-UP-C7.1-DG-230724-LA	07/24/2023	C/D	**78**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
AFRAME-C7W-LAT-L3-UP-C7.1-DG-230724-DUP-LA	07/24/2023	C/D	--	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
AFRAME-C7W-MED-L3-UP-C7.6-HM-230724-CB	07/24/2023	C/D	**23**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
AFRAME-C6W-LAT-L3-UP-C6.4-DG-230724-LA	07/24/2023	C/D	**42**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
AFRAME-C6W-MED-L3-UP-C6W-DG-230724-LA	07/24/2023	C/D	**56**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
AFRAME-C7W-MED-L3-UP-C7W-DG-230724-LA	07/24/2023	C/D	**43**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
AFRAME-C7W-LAT-L3-UP-C7.3-DG-230724-LA	07/24/2023	C/D	**28**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50 UJ	<0.50 UJ	<0.50 UJ	<0.50 UJ
AFRAME-C7W-LAT-L3-UP-C7.6-HS-230724-LA	07/24/2023	C/D	**56**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C6W-LAT-L3-INT-0 TO1-230724-WF	07/24/2023	C/D	**43**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C6W-MED-L3-DN-C6.2-DG-230724-LA	07/24/2023	C/D	**89**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C7W-MED-L3-INT-0 TO 1-230724-WF	07/24/2023	C/D	**87**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C7W-LAT-L3-DN-C7W-DG-230724-LA	07/24/2023	C/D	**43**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C7W-MED-L3-DN-C7.5-DG-230724-LA	07/24/2023	C/D	**120**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C7W-MED-L3-DN-C7.5-DG-230724-DUP-LA	07/24/2023	C/D	--	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C6W-MED-L2-EXT-0 TO 1-230724-WF	07/24/2023	C/D	**13**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C6W-MED-L2-INT-0.5 TO 1-230724-FB	07/24/2023	C/D	**18**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C6W-MED-L2-UP-C6.6-DG-230724-LA	07/24/2023	C/D	**110**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C6W-MED-L2-UP-C6.6-DG-230724-DUP-LA	07/24/2023	C/D	--	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C7W-LAT-L2-INT-0.5 TO 1-230724-FB	07/24/2023	C/D	**67**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C7W-LAT-L2-EXT-0 TO 1-230724-WF [b]	07/24/2023	C/D	**110**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C7W-LAT-L2-EXT-0 TO 1-230724-DUP-WF	07/24/2023	C/D	**160**	--	--	--	--	--	--	--	--	--
AFRAME-C6W-LAT-L1-HS-3-230724-A [b]	07/24/2023	C/D	**110**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C6W-LAT-L1-HS-3-230724-DUP-A	07/24/2023	C/D	**220**	--	--	--	--	--	--	--	--	--
AFRAME-C6W-LAT-L1-UP-C6.1-VS-230724-I	07/24/2023	C/D	**95**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C6W-MED-L1-UP-C6.1-DG-230724-SS	07/24/2023	~~C/D~~	**~~2200~~**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C6W-MED-L1-UP-C6.1-DG-230727-SS	07/27/2023	C/D	**1.9**	--	--	--	--	--	--	--	--	--
AFRAME-C6W-MED-L1-UP-C6.6-DG-230724-SS [b]	07/24/2023	C/D	**160**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C6W-MED-L1-UP-C6.6-DG-230724-DUP-SS	07/24/2023	C/D	**200**	--	--	--	--	--	--	--	--	--
AFRAME-C7W-LAT-L1-HS-3-230724-A	07/24/2023	C/D	**62**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C7W-LAT-L1-UP-C7.7-VS-230724-I	07/24/2023	C/D	**61**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C7W-MED-L1-UP-C7.6-DG-230724-SS	07/24/2023	C/D	**120**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C7W-MED-L2-HS-1-230725-G	07/25/2023	C/D	**47**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C7W-LAT-L2-UP-C7.1-VS-230725-I	07/25/2023	C/D	**37**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C7W-MED-L2-UP-C7.2-DG-230725-LA	07/25/2023	C/D	**85**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C6W-LAT-L2-INT-0 TO 0.5-230725-FB	07/25/2023	C/D	**66**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C6W-LAT-L2-DN-C6.1-DG-230725-LA	07/25/2023	C/D	**98**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C7W-MED-L2-INT-0 TO 0.5-230725-FB	07/25/2023	C/D	**52**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C7W-MED-L2-EXT-0 TO 1-230725-WF	07/25/2023	C/D	**59**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C7W-MED-L2-DN-C7.5-VS-230725-LA	07/25/2023	C/D	**75**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C7W-MED-L2-DN-C7.5-VS-230725-DUP-LA	07/25/2023	C/D	--	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C6W-MED-L1-HS-3-230725-G	07/25/2023	C/D	**20**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C6W-MED-L1-HS-3-230725-A	07/25/2023	C/D	**27**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C6W-LAT-L1-EXT-1 TO 2-230725-WF	07/25/2023	C/D	**280**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50

Validated Confirmation Wipe Sampling Results - High Occupancy Area within Zone 4

Hangar 1 NTCRA
Former Naval Air Station Moffett Field, California

			Lead	PCBs								
			Result	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Aroclor-1262	Aroclor-1268
Location ID [a]	**Sample Date**	**Enclosure**	**µg/ft²**	**Concentration - µg/100 cm²**								
Cleanup Goal (High Occupancy Zone)			**<250**	**≤10**	**≤10**	**≤10**	**≤10**	**≤10**	**≤10**	**≤10**	**≤10**	**≤10**
AFRAME-C6W-MED-L1-INT-1 TO 2-230725-FB	07/25/2023	C/D	**210**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C6W-LAT-L1-UP-C6.7-HS-230725-LA	07/25/2023	C/D	**160**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C7W-LAT-L1-INT-1 TO 2-230725-FB	07/25/2023	C/D	**69**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C7W-LAT-L1-UP-C7W-HS-230725-LA	07/25/2023	C/D	**110**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C6W-MED-L1-EXT-0 TO 1-230725-WF	07/25/2023	C/D	**140**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C6W-MED-L1-DN-C6.7W-DG-230725-SS	07/25/2023	C/D	**190**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C7W-MED-L1-INT-0 TO 1-230725-FB	07/25/2023	C/D	**110**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C7W-LAT-L1-EXT-0 TO 1-230725-WF	07/25/2023	C/D	**100**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
AFRAME-C7W-MED-L1-DN-C7W-DG-230725-SS	07/25/2023	C/D	**65**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
95-Percent UCL (High Occupancy) [d]			**150**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
230601-MEDBLANK1 [e]	06/01/2023	A/B	**0.93**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
230601-MEDBLANK2 [e]	06/01/2023	A/B	**1.2**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
230601-MEDBLANK3 [e]	06/01/2023	A/B	**3.2**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
230724-FB1	07/24/2023	C/D	**2.4**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
230724-FB2	07/24/2023	C/D	**0.57**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
230724-MEDBLANK1	07/24/2023	C/D	<0.50	--	--	--	--	--	--	--	--	--
230724-MEDBLANK2	07/24/2023	C/D	<0.50	--	--	--	--	--	--	--	--	--
230725-FB3	07/25/2023	C/D	**1.5**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
230725-MEDBLANK3	07/25/2023	C/D	**0.57**	--	--	--	--	--	--	--	--	--

Acronyms and Abbreviations

NTRCA: Non-Time-Critical Removal Action
PCBs: polychlorinated biphenyls
µg/100 cm^2: micrograms per 100 square centimeters
µg/ft^2: micrograms per square foot
UJ: Indicates the compound or analyte was analyzed for but not detected
U: Indicates the compound or analyte was not detected in the confirmation wipe sample above 5-times the concentration in the associated field blank sample.
UCL: Upper Confidence Limit
UFP-QAPP: Uniform Federal Policy Quality Assurance Project Plan
U.S. EPA: United States Environmental Protection Agency
--: Not analyzed/not applicable

Notes:

The 95-percent UCL was calculated using Version 5.2 of ProUCL program published by the U.S. EPA. The highest of the recommended UCL is presented in this table. The 95-percent UCL output file is presented in Attachment 4.
[a] Location ID corresponds to the Field ID in the Laboratory Analytical Reports.
[b] The lower result of each duplicate sample pair collected was not included in the calculation of the 95-percent UCL. If the concentration in the duplicate samples were the same, only one result was included in the ProUCL input file.
[c] The indicated location was re-abated and re-sampled. The original confirmation sampling result was not included in the calculation of the 95-percent UCL.
[d] 95-percent UCL for PCBs is the maximum of the analytical reporting limits for each Aroclor as the 95-percent UCL could not be calculated because PCBs were not detected in any of the PCB samples.
[e] The samples identified as MEDBLANK collected on June 1, 2023 are referred to as field blank samples in the Zone 4 High Occupancy Data Summary Submittal Report because they were collected within the enclosure and more accurately represent ambient enclosure conditions during sampling rather than impacts to the sampling media itself.
Bolded values indicate constituents detected above the laboratory reporting limits.
Shaded values indicate constituents reported at concentrations above the Cleanup Goal.
~~Strikethrough~~ text represents sample locations that were re-abated and subsequently re-sampled. Only the final confirmation sample results were used in the calculation of the 95-percent UCL of the mean concentration.

Attachment 3

Confirmation Sampling Analytical Reports

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number: 486134
Report Level: IV
Report Date: 06/21/2023

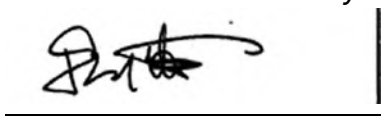
PCBs

Analytical Report *prepared for:*

Austin Moore
Rincon Consultants
449 15th Street
#303
Oakland, CA 94612

Project: 20-10491 - Hangar 1 NTCRA

Authorized for release by:



John Goyette, Service Center Manager
(510) 204-2233 Ext 13112
john.goyette@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105

ENTHALPY ANALYTICAL

Sample Summary

Austin Moore
Rincon Consultants
449 15th Street
#303
Oakland, CA 94612

Lab Job #:	486134
Project No:	20-10491
Location:	Hangar 1 NTCRA
Date Received:	06/01/23

Sample ID	Lab ID	Collected	Matrix
AFRAME-C6E-MED-L3-EXT-1 TO 2-230601-P-WF	486134-001	06/01/23 08:45	Wipe
AFRAME-C6E-LAT-L3-UP-C6.7-DG-230601-P-LA	486134-004	06/01/23 08:20	Wipe
AFRAME-C6E-LAT-L3-UP-C6.7-DG-230601-P-DUP-LA	486134-005	06/01/23 08:20	Wipe
AFRAME-C6E-MED-L3-UP-C6.5-HM-230601-P-CB	486134-007	06/01/23 08:35	Wipe
AFRAME-C7E-LAT-L3-EXT-1 TO 2-230601-P-WF	486134-009	06/01/23 08:10	Wipe
AFRAME-C7E-LAT-L3-UP-C7.1-DG-230601-P-LA	486134-012	06/01/23 07:55	Wipe
AFRAME-C7E-LAT-L3-UP-C7.1-DG-230601-P-DUP-LA	486134-013	06/01/23 07:55	Wipe
AFRAME-C7E-MED-L3-UP-C7.6-HM-230601-P-CB	486134-015	06/01/23 07:45	Wipe
AFRAME-C6E-LAT-L3-UP-C6.4-DG-230601-P-LA	486134-017	06/01/23 09:35	Wipe
AFRAME-C6E-MED-L3-UP-C6E-DG-230601-P-LA	486134-019	06/01/23 09:50	Wipe
AFRAME-C7E-MED-L3-UP-C7E-DG-230601-P-LA	486134-021	06/01/23 09:25	Wipe
AFRAME-C7E-LAT-L3-UP-C7.3-DG-230601-P-LA	486134-023	06/01/23 09:15	Wipe

ENTHALPY ANALYTICAL

Case Narrative

PCBS (EPA 8082)

Rincon Consultants 449 15th Street #303 Oakland, CA 94612 Austin Moore	Lab Job Number: 486134 Project No: 20-10491 Location: Hangar 1 NTCRA Date Received: 06/01/23

This data package contains sample and QC results for twelve wipe samples, requested for the above referenced project on 06/02/23. See attached cooler receipt form for any sample receipt problems or discrepancies. This report was revised and reissued on 6/15/23 to correct a sample ID.

PCBs (EPA 8082):

No analytical problems were encountered.

Chain of Custody

ENTHALPY ANALYTICAL

Chain of Custody Record

COC ID: 486134

Page: 1 of 2

Turn Around Time (rush by advanced notice only)

Standard:	X (PCBs)	5 Day:		3 Day:	
2 Day:		1 Day:	X (PB)	custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Report: Level IV

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants, Inc.	Quote #:	RIN031721
Report To:	Lindsay Parker	Proj. Name:	Hangar 1 - NCTRA WP
Email:	lparker@rinconconsultants.com	Proj. #:	20-10491
Address:	449 15th Street, Suite 303	P.O. #:	
	Oakland, California 94612	Address:	158 Cody Road, Mountain View, CA
Phone:	(651) 890-9556	Global ID:	
Fax:		Sampled By:	T. Sinnott + M. Kim

Test Instructions / Comments

Confirmation Wipe Samples - Level IV Report/Stage 3 Validation

Report PCB concentrations on a µg/100cm2 basis

Report lead concentrations on a µg/ft2 basis

Report Aroclor 1268 concentrations in addition to the standard Aroclors

Wipe samples collected from Zone 4 Enclosure A/B (High Occupancy)

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	PCBs - EPA Method 3546/8082	Lead by EPA Method 3050M/6010B	HOLD
1	AFRAME-C6E-MED-L3-EXT-I TO 2-230601-P- WF	6/1/2023	0845	WP	1	--	X		
2	AFRAME-C6E-MED-L3-EXT-I TO 2-230601-L- WF	6/1/2023	0845	WP	1	--		X	
3	AFRAME-C6E-MED-L3-EXT-I TO 2-230601-L-DUP- WF	6/1/2023	0845	WP	1	--		X	
4	AFRAME-C6E-LAT-L3-UP-C6.7-DG-230601-P- LA	6/1/2023	0820	WP	1	--	X		
5	AFRAME-C6E-LAT-L3-UP-C6.7-DG-230601-P-DUP- LA	6/1/2023	0820	WP	1	--	X		
6	AFRAME-C6E-LAT-L3-UP-C6.7-DG-230601-L- LA	6/1/2023	0820	WP	1	--		X	
7	AFRAME-C6E-MED-L3-UP-C6.5-HM-230601-P- LA	6/1/2023	0835	WP	1	--	X		
8	AFRAME-C6E-MED-L3-UP-C6.5-HM-230601-L- LA	6/1/2023	0835	WP	1	--		X	
9	AFRAME-C7E-LAT-L3-EXT-I TO 2-230601-P- WF	6/1/2023	0810	WP	1	--	X		
10	AFRAME-C7E-LAT-L3-EXT-I TO 2-230601-L- WF	6/1/2023	0810	WP	1	--		X	
11	AFRAME-C7E-LAT-L3-EXT-I TO 2-230601-L-DUP- WF	6/1/2023	0810	WP	1	--		X	
12	AFRAME-C7E-LAT-L3-UP-C7.1-DG-230601-P- LA	6/1/2023	0755	WP	1	--	X		
13	AFRAME-C7E-LAT-L3-UP-C7.1-DG-230601-P-DUP- LA	6/1/2023	0755	WP	1	--	X		
14	AFRAME-C7E-LAT-L3-UP-C7.1-DG-230601-L- LA	6/1/2023	0755	WP	1	--		X	
15	AFRAME-C7E-MED-L3-UP-C7.6-HM-230601-P- CB	6/1/2023	0745	WP	1	--	X		

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:	TSinnott	Tyler Sinnott	Rincon / Envi. Scientist	6/1/23 / 1540
[1] Received By:	Audrey Hudson	Audrey Hudson	ENTHALPY	6/1/23 15:40
[2] Relinquished By:	Audrey Hudson		"	6/1/23 18:24
[2] Received By:		JSP	Enthalpy	6.1.23 18:24
[3] Relinquished By:		Jacob Hahn	EA	6-1-23 1937
[3] Received By:		ZAHP	EA	6/02/23 1000 am

ENTHALPY ANALYTICAL

Chain of Custody Record

COC ID: 486134

Page: 2 of 2

Turn Around Time (rush by advanced notice only)

Standard:	X (PCBs)	5 Day:		3 Day:	
2 Day:		1 Day:	X (PB)	custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Report: Level IV

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants, Inc.	Quote #:	RIN031721
Report To:	Lindsay Parker	Proj. Name:	Hangar 1 - NCTRA WP
Email:	lparker@rinconconsultants.com	Proj. #:	20-10491
Address:	449 15th Street, Suite 303	P.O. #:	
	Oakland, California 94612	Address:	158 Cody Road, Mountain View, CA
Phone:	(651) 890-9556	Global ID:	
Fax:		Sampled By:	T. Sinnott + M. Kim

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	PCBs - EPA Method 3546/8082	Lead by EPA Method 3050M/6010B	HOLD
16	AFRAME-C7E-MED-L3-UP-C7.6-HM-230601-L- CB	6/1/2023	0745	WP	1	--		X	
17	AFRAME-C6E-LAT-L3-UP-C6.4-DG-230601-P- LA	6/1/2023	0935	WP	1	--	X		
18	AFRAME-C6E-LAT-L3-UP-C6.4-DG-230601-L- LA	6/1/2023	0935	WP	1	--		X	
19	AFRAME-C6E-MED-L3-UP-C6E-DG-230601-P- LA	6/1/2023	0950	WP	1	--	X		
20	AFRAME-C6E-MED-L3-UP-C6E-DG-230601-L- LA	6/1/2023	0950	WP	1	--		X	
21	AFRAME-C7E-MED-L3-UP-C7E-DG-230601-P- LA	6/1/2023	0925	WP	1	--	X		
22	AFRAME-C7E-MED-L3-UP-C7E-DG-230601-L- LA	6/1/2023	0925	WP	1	--		X	
23	AFRAME-C7E-LAT-L3-UP-C7.3-DG-230601-P- LA	6/1/2023	0915	WP	1	--	X		
24	AFRAME-C7E-LAT-L3-UP-C7.3-DG-230601-L- LA	6/1/2023	0915	WP	1	--		X	
25									
26									
27									
28									
29									
30									

Analysis Request

Test Instructions / Comments

Confirmation Wipe Samples - Level IV Report/Stage 3 Validation

Report PCB concentrations on a µg/100cm2 basis

Report lead concentrations on a µg/ft2 basis

Report Aroclor 1268 concentrations in addition to the standard Aroclors

Wipe samples collected from Zone 4 Enclosure A/B (High Occupancy)

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	TSinnott	Tyler Sinnott	Rincon / Envi. Scientist	6/1/23 / 1540
1 Received By:	Audrey Hudson	AUDREY HUDSON	ENTHALPY	6/1/23 15.40
2 Relinquished By:	Audrey Hudson	"	"	6/1/23 18:24
2 Received By:		JJP	Enthalpy	6.1.23 18:24

Rel- Jacob Hahn EA 6-1-23 1937

REC: 2210 P. 6/02/23 1000 AM.

The below sample checklist was completed after delivery of samples by the laboratory provided courier or Rincon personnel to Enthalpy Analytical in Berkeley, CA, therefore no custody seals were applied to the cooler.

SAMPLE RECEIPT CHECKLIST

Section 1: Login # 486134 Client: Rincon

Date Received: 6/1/23 Project: _____

Section 2: Shipping info (if applicable) _____

Are custody seals present? ☒ No, or ☐ Yes. If yes, where? ☐ on cooler, ☐ on samples, ☐ on package

☐ Date: _____ How many _____ ☐ Signature, ☐ Initials, ☐ None

Were custody seals intact upon arrival? ☐ Yes ☐ No ☐ N/A

Samples received in a cooler? ☒ Yes, how many? 1 ☐ No (**skip Section 3 below**)

If no cooler Sample Temp (°C): _____ using IR Gun # ☐ B, or ☐ C

☒ Samples received on ice directly from the field. Cooling process had begun

If in cooler: Date Opened 6/1/23 By (print) MAG for STH (sign) _____

Section 3: ***Important*: Notify PM if temperature exceeds 6°C or arrive frozen.**

Packing in cooler: (if other, describe) _____

☐ Bubble Wrap, ☐ Foam blocks, ☒ Bags, ☐ None, ☐ Cloth material, ☐ Cardboard, ☐ Styrofoam, ☐ Paper towels

☒ Samples received on ice directly from the field. Cooling process had begun

Type of ice used : ☐ Wet, ☐ Blue/Gel, ☐ None Temperature blank(s) included? ☐ Yes, ☐ No

Temperature measured using ☐ Thermometer ID: _____, or IR Gun # ☐ B ☐ C

Cooler Temp (°C): #1: _____, #2: _____, #3: _____, #4: _____, #5: _____, #6: _____, #7: _____

Section 4:	YES	NO	N/A
Were custody papers dry, filled out properly, and the project identifiable	✓		
Were Method 5035 sampling containers present?		✓	
If YES, what time were they transferred to freezer? _____			
Did all bottles arrive unbroken/unopened?	✓		
Are there any missing / extra samples?			
Are samples in the appropriate containers for indicated tests?			
Are sample labels present, in good condition and complete?			
Does the container count match the COC?			
Do the sample labels agree with custody papers?			
Was sufficient amount of sample sent for tests requested?			
Did you change the hold time in LIMS for unpreserved VOAs?			
Did you change the hold time in LIMS for preserved terracores?			
Are bubbles > 6mm present in VOA samples?			
Was the client contacted concerning this sample delivery?			
If YES, who was called? _____ By _____ Date: _____			

Section 5:	YES	NO	N/A
Are the samples appropriately preserved? (if N/A, skip the rest of section 5)			
Did you check preservatives for all bottles for each sample?			
Did you document your preservative check?			

pH strip lot# _____, pH strip lot# _____, pH strip lot# _____

Preservative added:

☐ H2SO4 lot# _____ added to samples _____ on/at _____

☐ HCL lot# _____ added to samples _____ on/at _____

☐ HNO3 lot# _____ added to samples _____ on/at _____

☐ NaOH lot# _____ added to samples _____ on/at _____

Section 6:

Explanations/Comments: _____

Date Logged in 6/1/23 **By (print)** MAG for JJP **(sign)** _____

Date Labeled 6/2/23 **By (print)** ORANGE SR **(sign)** _____

Enthalpy Analytical - Berkeley Rev.15.1, 09/13/2019

The below sample checklist was completed after the samples were shipped from the Enthalpy Analytical location in Berkeley, CA to the Enthalpy Analytical location in Orange, CA.

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

486134

Section 1

Client: Rincon Consultants Project: Hangar 1 NTCRA

Date Received: 06/02/23 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 5.5 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: Southwest Airlines

Section 3

Was the cooler packed with: ☑ Ice ☑ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 1.9 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✔		
Are sample IDs present?	✔		
Are sampling dates & times present?	✔		
Is a relinquished signature present?	✔		
Are the tests required clearly indicated on the COC?	✔		
Are custody seals present?	✔		
If custody seals are present, were they intact?	✔		
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			✔
Did all samples arrive intact? If no, indicate in Section 4 below.	✔		
Did all bottle labels agree with COC? (ID, dates and times) 2D 6/2/23	✔	* ✓	
Were the samples collected in the correct containers for the required tests?	✔		
Are the containers labeled with the correct preservatives?			✔
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✔
Was a sufficient amount of sample submitted for the requested tests?	✔		

Section 5 Explanations/Comments

* 2 JARS WERE RECEIVED LABELED AS #24. PHOTOS WERE TAKEN AND SENT TO PM FOR VERIFICATION ON WHICH BELONGS TO #23 & #24. - 2D

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☑ Email (email sent to/on): MAG / 6/02/23

Project Manager's response:

Completed By: _____ Date: JUN 02 2023

Enthalpy Analytical, a subsidiary of Montrose Environmental Group ,Inc.
931 W. Barkley Ave, Orange, CA 92868 • T: (714) 771-6900 • F: (714) 538-1209
www.enthalpy.com/socal


SOUTHWEST AIRLINES
Printed on:
01 JUN 20:47
526 OAK 8900 6982
SNA
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2 OF 3
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OAK WN 1212 02 JUN 06:40
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PC ID: 0002
PC WT: 37LB
S
526 89006982 0002

1.9/5.5

ENTHALPY ANALYTICAL

Chain of Custody Record — COC ID: 486134 — Page: 1 of 2

Turn Around Time (rush by advanced notice only)

Standard:	X (PCBs)	5 Day:		3 Day:	
2 Day:		1 Day:	X (PB)	custom TAT:	

Enthalpy Analytical - Orange
931 W. Barkley Avenue, Orange, CA 92868
Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Report: Level IV

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants, Inc.	Quote #:	RIN031721
Report To:	Lindsay Parker	Proj. Name:	Hangar 1 - NCTRA WP
Email:	lparker@rinconconsultants.com	Proj. #:	20-10491
Address:	449 15th Street, Suite 303	P.O. #:	
	Oakland, California 94612	Address:	158 Cody Road, Mountain View, CA
Phone:	(651) 890-9556	Global ID:	
Fax:		Sampled By:	T. Sinnott + M. Kim

Test Instructions / Comments:

Confirmation Wipe Samples - Level IV Report/Stage 3 Validation

Report PCB concentrations on a µg/100cm2 basis

Report lead concentrations on a µg/ft2 basis

Report Aroclor 1268 concentrations in addition to the standard Aroclors

Wipe samples collected from Zone 4 Enclosure A/B (High Occupancy)

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	PCBs - EPA Method 3546/8082	Lead by EPA Method 3050M/6010B	HOLD
1	AFRAME-C6E-MED-L3-EXT-1 TO 2-230601-P- WF	6/1/2023	0845	WP	1	--	X		
2	AFRAME-C6E-MED-L3-EXT-1 TO 2-230601-L- WF	6/1/2023	0845	WP	1	--		X	
3	AFRAME-C6E-MED-L3-EXT-1 TO 2-230601-L-DUP- WF	6/1/2023	0845	WP	1	--		X	
4	AFRAME-C6E-LAT-L3-UP-C6.7-DG-230601-P- LA	6/1/2023	0830	WP	1	--	X		
5	AFRAME-C6E-LAT-L3-UP-C6.7-DG-230601-P-DUP- LA	6/1/2023	0830	WP	1	--	X		
6	AFRAME-C6E-LAT-L3-UP-C6.7-DG-230601-L- LA	6/1/2023	0830	WP	1	--		X	
7	AFRAME-C6E-MED-L3-UP-C6.5-HM-230601-P- LA	6/1/2023	0820	WP	1	--	X		
8	AFRAME-C6E-MED-L3-UP-C6.5-HM-230601-L- LA	6/1/2023	0820	WP	1	--		X	
9	AFRAME-C7E-LAT-L3-EXT-1 TO 2-230601-P- WF	6/1/2023	0810	WP	1	--	X		
10	AFRAME-C7E-LAT-L3-EXT-1 TO 2-230601-L- WF	6/1/2023	0810	WP	1	--		X	
11	AFRAME-C7E-LAT-L3-EXT-1 TO 2-230601-L-DUP- WF	6/1/2023	0810	WP	1	--		X	
12	AFRAME-C7E-LAT-L3-UP-C7.1-DG-230601-P- LA	6/1/2023	0755	WP	1	--	X		
13	AFRAME-C7E-LAT-L3-UP-C7.1-DG-230601-P-DUP- LA	6/1/2023	0755	WP	1	--	X		
14	AFRAME-C7E-LAT-L3-UP-C7.1-DG-230601-L- LA	6/1/2023	0755	WP	1	--		X	
15	AFRAME-C7E-MED-L3-UP-C7.6-HM-230601-P- CB	6/1/2023	0745	WP	1	--	X		

Sample IDs should be:
AFRAME-C6E-MED-L3-UP-C6.5-HM-230601-P-CB
and
AFRAME-C6E-MED-L3-UP-C6.5-HM-230601-L-CB

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Tyler Sinnott	Rincon / Envi. Scientist	6/1/23 / 1540
1 Received By:	Audrey Hudson	Audrey Hudson	Enthalpy	6/1/23 15:40
2 Relinquished By:	Audrey Hudson	Audrey Hudson	Enthalpy	6/1/23 18:24
2 Received By:		JJP	Enthalpy EA	6-1-23 18:24
3 Relinquished By:		Jacob Hahn	EA	6-1-23 1937
3 Received By:		ZAH P.	EA	6/02/23 1000 am

ENTHALPY ANALYTICAL

Chain of Custody Record COC ID: 486134 Page: 2 of 2

Turn Around Time (rush by advanced notice only)

Standard:	X (PCBs)	5 Day:		3 Day:	
2 Day:		1 Day:	X (PB)	custom TAT:	

Enthalpy Analytical - Orange
931 W. Barkley Avenue, Orange, CA 92868
Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Report: Level IV

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants, Inc.	Quote #:	RIN031721
Report To:	Lindsay Parker	Proj. Name:	Hangar 1 - NCTRA WP
Email:	lparker@rinconconsultants.com	Proj. #:	20-10491
Address:	449 15th Street, Suite 303	P.O. #:	
	~~Oakland, California 94612~~	Address:	158 Cody Road, Mountain View, CA
Phone:	(651) 890-9556	Global ID:	
Fax:		Sampled By:	T. Sinnott + M. Kim

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	PCBs - EPA Method 3546/8082	Lead by EPA Method 3050M/6010B	HOLD
16	AFRAME-C7E-MED-L3-UP-C7.6-HM-230601-L-CB	6/1/2023	0745	WP	1	–		X	
17	AFRAME-C6E-LAT-L3-UP-C6.4-DG-230601-P-LA	6/1/2023	0935	WP	1	–	X		
18	AFRAME-C6E-LAT-L3-UP-C6.4-DG-230601-L-LA	6/1/2023	0935	WP	1	–		X	
19	AFRAME-C6E-MED-L3-UP-C6E-DG-230601-P-LA	6/1/2023	0950	WP	1	–	X		
20	AFRAME-C6E-MED-L3-UP-C6E-DG-230601-L-LA	6/1/2023	0950	WP	1	–		X	
21	AFRAME-C7E-MED-L3-UP-C7E-DG-230601-P-LA	6/1/2023	0925	WP	1	–	X		
22	AFRAME-C7E-MED-L3-UP-C7E-DG-230601-L-LA	6/1/2023	0925	WP	1	–		X	
23	AFRAME-C7E-LAT-L3-UP-C7.3-DG-230601-P-LA	6/1/2023	0915	WP	1	–	X		
24	AFRAME-C7E-LAT-L3-UP-C7.3-DG-230601-L-LA	6/1/2023	0915	WP	1	–		X	
25									
26									
27									
28									
29									
30									

Test Instructions / Comments

Confirmation Wipe Samples - Level IV Report/Stage 3 Validation

Report PCB concentrations on a µg/100cm2 basis

Report lead concentrations on a µg/ft2 basis

Report Aroclor 1268 concentrations in addition to the standard Aroclors

Wipe samples collected from Zone 4 Enclosure A/B (High Occupancy)

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:	[signature]	Tyler Sinnott	Rincon / Envi. Scientist	6/1/23 / 1540
[1] Received By:	Audrey Hudson	AUDREY HUDSON	ENTHALPY	6/1/23 15:40
[2] Relinquished By:	Audrey Hudson	"	"	6/1/23 18:24
[2] Received By:	[signature]	JJP	Enthalpy	6/1/23 18:24
Rel:	[signature]	Jacob Hahn	EA	6-1-23 1937
REC:	[signature] 2410 P.	6/02/23 1000 AM.		

Results & QC Summary

Enthalpy Analytical - Orange Analytical Report

Lab #: 486134 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C6E-MED-L3-EXT-1 TO 2-230601-P-WF **Batch#:** 315386 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486134-001 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/05/23

DiIn Fac: 1.000 **Analyzed:** 06/05/23

486134-001 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486134-001 Surrogate	%REC	Limits
TCMX (PCB)	64	19-121
Decachlorobiphenyl (PCB)	63	19-121

Field ID: AFRAME-C6E-LAT-L3-UP-C6.7-DG-230601-P-LA **Batch#:** 315386 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486134-004 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/05/23

DiIn Fac: 1.000 **Analyzed:** 06/05/23

486134-004 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486134-004 Surrogate	%REC	Limits
TCMX (PCB)	55	19-121
Decachlorobiphenyl (PCB)	51	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 486134 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C6E-LAT-L3-UP-C6.7-DG-230601-P-DUP-LA **Batch#:** 315386 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486134-005 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/05/23

Diln Fac: 1.000 **Analyzed:** 06/05/23

486134-005 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486134-005 Surrogate	%REC	Limits
TCMX (PCB)	56	19-121
Decachlorobiphenyl (PCB)	53	19-121

Field ID: AFRAME-C6E-MED-L3-UP-C6.5-HM-230601-P-CB **Batch#:** 315386 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486134-007 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/05/23

Diln Fac: 1.000 **Analyzed:** 06/05/23

486134-007 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486134-007 Surrogate	%REC	Limits
TCMX (PCB)	52	19-121
Decachlorobiphenyl (PCB)	50	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 486134 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C7E-LAT-L3-EXT-1 TO 2-230601-P-WF **Batch#:** 315386 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486134-009 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/05/23

DiIn Fac: 1.000 **Analyzed:** 06/05/23

486134-009 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486134-009 Surrogate	%REC	Limits
TCMX (PCB)	57	19-121
Decachlorobiphenyl (PCB)	54	19-121

Field ID: AFRAME-C7E-LAT-L3-UP-C7.1-DG-230601-P-LA **Batch#:** 315386 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486134-012 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/05/23

DiIn Fac: 1.000 **Analyzed:** 06/05/23

486134-012 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486134-012 Surrogate	%REC	Limits
TCMX (PCB)	58	19-121
Decachlorobiphenyl (PCB)	56	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 486134 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C7E-LAT-L3-UP-C7.1-DG-230601-P-DUP-LA **Batch#:** 315386 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486134-013 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/05/23

Diln Fac: 1.000 **Analyzed:** 06/05/23

486134-013 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486134-013 Surrogate	%REC	Limits
TCMX (PCB)	62	19-121
Decachlorobiphenyl (PCB)	58	19-121

Field ID: AFRAME-C7E-MED-L3-UP-C7.6-HM-230601-P-CB **Batch#:** 315386 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486134-015 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/05/23

Diln Fac: 1.000 **Analyzed:** 06/05/23

486134-015 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486134-015 Surrogate	%REC	Limits
TCMX (PCB)	63	19-121
Decachlorobiphenyl (PCB)	60	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 486134 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C6E-LAT-L3-UP-C6.4-DG-230601-P-LA **Batch#:** 315386 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486134-017 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/05/23

DiIn Fac: 1.000 **Analyzed:** 06/05/23

486134-017 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486134-017 Surrogate	%REC	Limits
TCMX (PCB)	64	19-121
Decachlorobiphenyl (PCB)	60	19-121

Field ID: AFRAME-C6E-MED-L3-UP-C6E-DG-230601-P-LA **Batch#:** 315386 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486134-019 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/05/23

DiIn Fac: 1.000 **Analyzed:** 06/05/23

486134-019 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486134-019 Surrogate	%REC	Limits
TCMX (PCB)	50	19-121
Decachlorobiphenyl (PCB)	47	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 486134 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C7E-MED-L3-UP-C7E-DG-230601-P-LA **Batch#:** 315386 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486134-021 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/05/23

DiIn Fac: 1.000 **Analyzed:** 06/05/23

486134-021 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486134-021 Surrogate	%REC	Limits
TCMX (PCB)	53	19-121
Decachlorobiphenyl (PCB)	50	19-121

Field ID: AFRAME-C7E-LAT-L3-UP-C7.3-DG-230601-P-LA **Batch#:** 315386 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486134-023 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/05/23

DiIn Fac: 1.000 **Analyzed:** 06/05/23

486134-023 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486134-023 Surrogate	%REC	Limits
TCMX (PCB)	49	19-121
Decachlorobiphenyl (PCB)	46	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 486134 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Type: BLANK **Batch#:** 315386 **Analysis:** EPA 8082

Lab ID: QC1070657 **Prepared:** 06/05/23 **Analyst:** MES

Matrix: Wipe **Analyzed:** 06/05/23

Dil'n Fac: 1.000 **Prep:** EPA 3546

QC1070657 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

QC1070657 Surrogate	%REC	Limits
TCMX (PCB)	70	19-121
Decachlorobiphenyl (PCB)	74	19-121

Legend

ND: Not Detected

RL: Reporting Limit

Enthalpy Analytical - Orange Analytical Report: Batch QC

Lab #: 486134 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Type: BS **Batch#:** 315386 **Analysis:** EPA 8082

Lab ID: QC1070658 **Prepared:** 06/05/23 **Analyst:** MES

Matrix: Wipe **Analyzed:** 06/05/23

Diln Fac: 1.000 **Prep:** EPA 3546

QC1070658 Analyte	Spiked	Result	%REC	Limits	Units
Aroclor-1016	5.000	4.008	80	60-140	ug/100 cm2
Aroclor-1260	5.000	3.926	79	60-140	ug/100 cm2

QC1070658 Surrogate	%REC	Limits
TCMX (PCB)	74	19-121
Decachlorobiphenyl (PCB)	77	19-121

Type: BSD **Batch#:** 315386 **Analysis:** EPA 8082

Lab ID: QC1070659 **Prepared:** 06/05/23 **Analyst:** MES

Matrix: Wipe **Analyzed:** 06/05/23

Diln Fac: 1.000 **Prep:** EPA 3546

QC1070659 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
Aroclor-1016	5.000	3.830	77	60-140	ug/100 cm2	5	20
Aroclor-1260	5.000	3.685	74	60-140	ug/100 cm2	6	20

QC1070659 Surrogate	%REC	Limits
TCMX (PCB)	70	19-121
Decachlorobiphenyl (PCB)	72	19-121

Legend

RPD: Relative Percent Difference

ENTHALPY INITIAL CALIBRATION FOR 486134 PCBS Wipe: EPA 8082

Instrument:	SVOA-GC06	Name:	PCB_052223_1
Calibration #:	453205686001	Date:	22-MAY-2023 20:06
Units:	ug/L	X Axis:	R

Level	File	Seqnum	Sample ID	Analyzed	Standards
L1	gc06_052223020	453205686020		22-MAY-2023 20:06	S18179
L2	gc06_052223021	453205686021		22-MAY-2023 20:24	S18180
L3	gc06_052223022	453205686022		22-MAY-2023 20:43	S18181
L4	gc06_052223023	453205686023		22-MAY-2023 21:01	S18182
L5	gc06_052223024	453205686024		22-MAY-2023 21:19	S18183
L6	gc06_052223025	453205686025		22-MAY-2023 21:38	S18184
L7	gc06_052223026	453205686026		22-MAY-2023 21:56	S18185
L8	gc06_052223027	453205686027		22-MAY-2023 22:14	S18186
L9	gc06_052223028	453205686028		22-MAY-2023 22:33	S18187
L10	gc06_052223029	453205686029		22-MAY-2023 22:51	S18188

Analyte	Ch	Type	a0	a1	a2	Avg RF	%RSD	n	Min r^2	Max %RSD	Flags
Aroclor-1016 Peak # 1	A	AVRG		44.8280		0.0223	13	9	.99	20	
Aroclor-1016 Peak # 2	A	AVRG		22.0807		0.0453	14	9	.99	20	
Aroclor-1016 Peak # 3	A	AVRG		17.2755		0.0579	15	9	.99	20	
Aroclor-1016 Peak # 4	A	AVRG		28.6617		0.0349	13	9	.99	20	
Aroclor-1016 Peak # 5	A	AVRG		37.4758		0.0267	15	8	.99	20	
Aroclor-1260 Peak # 1	A	AVRG		15.1197		0.0661	14	9	.99	20	
Aroclor-1260 Peak # 2	A	AVRG		9.90415		0.1010	14	9	.99	20	
Aroclor-1260 Peak # 3	A	AVRG		9.26897		0.1079	20	10	.99	20	
Aroclor-1260 Peak # 4	A	AVRG		17.0130		0.0588	14	10	.99	20	
Aroclor-1260 Peak # 5	A	AVRG		10.7597		0.0929	13	10	.99	20	
Decachlorobiphenyl (PCB)	A	AVRG		0.74929		1.3346	16	9	.99	20	
TCMX (PCB)	A	AVRG		0.93830		1.0658	13	9	.99	20	
Aroclor-1016 Peak # 1	B	AVRG		48.0029		0.0208	16	10	.99	20	
Aroclor-1016 Peak # 2	B	AVRG		21.3693		0.0468	20	10	.99	20	
Aroclor-1016 Peak # 3	B	AVRG		17.7590		0.0563	14	9	.99	20	
Aroclor-1016 Peak # 4	B	AVRG		24.6742		0.0405	16	10	.99	20	
Aroclor-1016 Peak # 5	B	AVRG		46.2568		0.0216	9	8	.99	20	
Aroclor-1260 Peak # 1	B	AVRG		17.7291		0.0564	17	10	.99	20	
Aroclor-1260 Peak # 2	B	AVRG		15.7244		0.0636	15	9	.99	20	
Aroclor-1260 Peak # 3	B	AVRG		12.2876		0.0814	17	9	.99	20	
Aroclor-1260 Peak # 4	B	AVRG		21.0371		0.0475	17	10	.99	20	
Aroclor-1260 Peak # 5	B	AVRG		14.5138		0.0689	12	9	.99	20	
Decachlorobiphenyl (PCB)	B	AVRG		0.94680		1.0562	17	9	.99	20	
TCMX (PCB)	B	AVRG		0.94258		1.0609	15	10	.99	20	

Instrument amount = a0 + (response × a1) + (response² × a2)
AVRG: Average response factor

ENTHALPY INITIAL CALIBRATION FOR 486134 PCBS Wipe: EPA 8082

Instrument:	SVOA-GC06	Name:	PCB_052223_1
Calibration #:	453205686001	Date:	22-MAY-2023 20:06
Units:	ug/L	X Axis:	R

Analyte	Ch	L1 RF	L2 RF	L3 RF	L4 RF	L5 RF	L6 RF	L7 RF	L8 RF	L9 RF	L10 RF
Aroclor-1016 Peak # 1	A		0.0276	0.0245	0.0234	0.0239	0.0218	0.0206	0.0212	0.0184	0.0193
Aroclor-1016 Peak # 2	A		0.0566	0.0518	0.0480	0.0481	0.0439	0.0411	0.0427	0.0366	0.0387
Aroclor-1016 Peak # 3	A		0.0762	0.0633	0.0599	0.0612	0.0560	0.0519	0.0548	0.0476	0.0502
Aroclor-1016 Peak # 4	A		0.0443	0.0367	0.0358	0.0370	0.0341	0.0322	0.0341	0.0290	0.0309
Aroclor-1016 Peak # 5	A			0.0344	0.0292	0.0286	0.0264	0.0247	0.0261	0.0216	0.0226
Aroclor-1260 Peak # 1	A		0.0851	0.0711	0.0682	0.0709	0.0625	0.0605	0.0668	0.0525	0.0577
Aroclor-1260 Peak # 2	A		0.1294	0.1093	0.1026	0.1091	0.0961	0.0930	0.1010	0.0808	0.0875
Aroclor-1260 Peak # 3	A	0.1581	0.1289	0.1077	0.1032	0.1094	0.0971	0.0948	0.1043	0.0834	0.0921
Aroclor-1260 Peak # 4	A	0.0772	0.0641	0.0593	0.0559	0.0620	0.0553	0.0543	0.0597	0.0476	0.0524
Aroclor-1260 Peak # 5	A	0.1231	0.0945	0.0875	0.0849	0.1002	0.0893	0.0878	0.0975	0.0775	0.0870
Decachlorobiphenyl (PCB)	A		1.7632	1.3406	1.2120	1.5128	1.4154	1.3028	1.3203	1.0100	1.1344
TCMX (PCB)	A		1.3115	1.0954	1.0188	1.2898	0.9794	0.9774	1.0276	0.9022	0.9898
Aroclor-1016 Peak # 1	B	0.0287	0.0231	0.0220	0.0204	0.0214	0.0200	0.0189	0.0193	0.0169	0.0175
Aroclor-1016 Peak # 2	B	0.0611	0.0630	0.0503	0.0468	0.0471	0.0433	0.0407	0.0419	0.0361	0.0376
Aroclor-1016 Peak # 3	B		0.0724	0.0632	0.0574	0.0590	0.0541	0.0509	0.0542	0.0462	0.0495
Aroclor-1016 Peak # 4	B	0.0559	0.0462	0.0417	0.0392	0.0416	0.0384	0.0365	0.0384	0.0328	0.0345
Aroclor-1016 Peak # 5	B			0.0241	0.0220	0.0240	0.0220	0.0210	0.0220	0.0185	0.0193
Aroclor-1260 Peak # 1	B	0.0735	0.0722	0.0592	0.0548	0.0579	0.0517	0.0503	0.0540	0.0436	0.0468
Aroclor-1260 Peak # 2	B		0.0821	0.0695	0.0652	0.0682	0.0603	0.0584	0.0633	0.0506	0.0547
Aroclor-1260 Peak # 3	B	0.1108	0.0964	0.0809	0.0765	0.0815	0.0731	0.0718	0.0782	0.0632	
Aroclor-1260 Peak # 4	B	0.0660	0.0527	0.0493	0.0467	0.0491	0.0448	0.0412	0.0471	0.0378	0.0406
Aroclor-1260 Peak # 5	B		0.0860	0.0731	0.0692	0.0734	0.0655	0.0644	0.0708	0.0560	0.0616
Decachlorobiphenyl (PCB)	B		1.3936	1.1048	0.9715	1.1986	1.1264	1.0333	1.0299	0.7901	0.8576
TCMX (PCB)	B	1.3332	1.2621	1.0653	1.0656	1.2201	0.9321	0.9733	0.9760	0.8587	0.9229

ENTHALPY INITIAL CALIBRATION FOR 486134 PCBS Wipe: EPA 8082

Instrument:	SVOA-GC06	Name:	PCB_052223_1
Calibration #:	453205686001	Date:	22-MAY-2023 20:06
Units:	ug/L	X Axis:	R

Spiked Amounts / Drifts	Ch	L1	%D	L2	%D	L3	%D	L4	%D	L5	%D	L6	%D	L7	%D	L8	%D
Aroclor-1016 Peak # 1	A			20.000	**24**	50.000	10	100.00	5	250.00	7	500.00	-2	749.91	-8	1000.0	-5
Aroclor-1016 Peak # 2	A			20.000	**25**	50.000	14	100.00	6	250.00	6	500.00	-3	749.91	-9	1000.0	-6
Aroclor-1016 Peak # 3	A			20.000	**32**	50.000	9	100.00	3	250.00	6	500.00	-3	749.91	-10	1000.0	-5
Aroclor-1016 Peak # 4	A			20.000	**27**	50.000	5	100.00	2	250.00	6	500.00	-2	749.91	-8	1000.0	-2
Aroclor-1016 Peak # 5	A					50.000	**29**	100.00	9	250.00	7	500.00	-1	749.91	-7	1000.0	-2
Aroclor-1260 Peak # 1	A			20.000	**29**	50.000	8	100.00	3	250.00	7	500.00	-6	749.91	-9	1000.0	1
Aroclor-1260 Peak # 2	A			20.000	**28**	50.000	8	100.00	2	250.00	8	500.00	-5	749.91	-8	1000.0	0
Aroclor-1260 Peak # 3	A	10.000	47	20.000	19	50.000	0	100.00	-4	250.00	1	500.00	-10	749.91	-12	1000.0	-3
Aroclor-1260 Peak # 4	A	10.000	31	20.000	9	50.000	1	100.00	-5	250.00	6	500.00	-6	749.91	-8	1000.0	1
Aroclor-1260 Peak # 5	A	10.000	32	20.000	2	50.000	-6	100.00	-9	250.00	8	500.00	-4	749.91	-6	1000.0	5
Decachlorobiphenyl (PCB)	A			1.6000	**32**	4.0000	0	8.0000	-9	20.000	13	40.000	6	59.993	-2	80.000	-1
TCMX (PCB)	A			1.6000	**23**	4.0000	3	8.0000	-4	20.000	**21**	40.000	-8	59.993	-8	80.000	-4
Aroclor-1016 Peak # 1	B	10.000	38	20.000	11	50.000	6	100.00	-2	250.00	3	500.00	-4	749.91	-9	1000.0	-7
Aroclor-1016 Peak # 2	B	10.000	31	20.000	**35**	50.000	8	100.00	0	250.00	1	500.00	-7	749.91	-13	1000.0	-10
Aroclor-1016 Peak # 3	B			20.000	**29**	50.000	12	100.00	2	250.00	5	500.00	-4	749.91	-10	1000.0	-4
Aroclor-1016 Peak # 4	B	10.000	38	20.000	14	50.000	3	100.00	-3	250.00	3	500.00	-5	749.91	-10	1000.0	-5
Aroclor-1016 Peak # 5	B					50.000	11	100.00	2	250.00	11	500.00	2	749.91	-3	1000.0	2
Aroclor-1260 Peak # 1	B	10.000	30	20.000	**28**	50.000	5	100.00	-3	250.00	3	500.00	-8	749.91	-11	1000.0	-4
Aroclor-1260 Peak # 2	B			20.000	**29**	50.000	9	100.00	3	250.00	7	500.00	-5	749.91	-8	1000.0	0
Aroclor-1260 Peak # 3	B	10.000	36	20.000	18	50.000	-1	100.00	-6	250.00	0	500.00	-10	749.91	-12	1000.0	-4
Aroclor-1260 Peak # 4	B	10.000	39	20.000	11	50.000	4	100.00	-2	250.00	3	500.00	-6	749.91	-13	1000.0	-1
Aroclor-1260 Peak # 5	B			20.000	**25**	50.000	6	100.00	0	250.00	6	500.00	-5	749.91	-7	1000.0	3
Decachlorobiphenyl (PCB)	B			1.6000	**32**	4.0000	5	8.0000	-8	20.000	13	40.000	7	59.993	-2	80.000	-2
TCMX (PCB)	B	0.8000	26	1.6000	19	4.0000	0	8.0000	0	20.000	15	40.000	-12	59.993	-8	80.000	-8

ENTHALPY INITIAL CALIBRATION FOR 486134 PCBS Wipe: EPA 8082

Instrument:	SVOA-GC06	Name:	PCB_052223_1
Calibration #:	453205686001	Date:	22-MAY-2023 20:06
Units:	ug/L	X Axis:	R

Spiked Amounts / Drifts	Ch	L9	%D	L10	%D
Aroclor-1016 Peak # 1	A	1500.0	-17	2000.0	-13
Aroclor-1016 Peak # 2	A	1500.0	-19	2000.0	-15
Aroclor-1016 Peak # 3	A	1500.0	-18	2000.0	-13
Aroclor-1016 Peak # 4	A	1500.0	-17	2000.0	-11
Aroclor-1016 Peak # 5	A	1500.0	-19	2000.0	-15
Aroclor-1260 Peak # 1	A	1500.0	**-21**	2000.0	-13
Aroclor-1260 Peak # 2	A	1500.0	-20	2000.0	-13
Aroclor-1260 Peak # 3	A	1500.0	**-23**	2000.0	-15
Aroclor-1260 Peak # 4	A	1500.0	-19	2000.0	-11
Aroclor-1260 Peak # 5	A	1500.0	-17	2000.0	-6
Decachlorobiphenyl (PCB)	A	120.00	**-24**	160.00	-15
TCMX (PCB)	A	120.00	-15	160.00	-7
Aroclor-1016 Peak # 1	B	1500.0	-19	2000.0	-16
Aroclor-1016 Peak # 2	B	1500.0	**-23**	2000.0	-20
Aroclor-1016 Peak # 3	B	1500.0	-18	2000.0	-12
Aroclor-1016 Peak # 4	B	1500.0	-19	2000.0	-15
Aroclor-1016 Peak # 5	B	1500.0	-15	2000.0	-11
Aroclor-1260 Peak # 1	B	1500.0	**-23**	2000.0	-17
Aroclor-1260 Peak # 2	B	1500.0	-20	2000.0	-14
Aroclor-1260 Peak # 3	B	1500.0	**-22**		
Aroclor-1260 Peak # 4	B	1500.0	-20	2000.0	-15
Aroclor-1260 Peak # 5	B	1500.0	-19	2000.0	-11
Decachlorobiphenyl (PCB)	B	120.00	**-25**	160.00	-19
TCMX (PCB)	B	120.00	-19	160.00	-13

TRN 05/23/23 : Manually integrated for coeluting peak, negative/tailing peak for one/both channels on multiple levels

Analyst: TRN 05/23/23

Reviewer: LW 05/23/23

ENTHALPY 2ND SOURCE CALIBRATION SUMMARY FOR 486134 PCBS Wipe

EPA 8082

Inst:	SVOA-GC06	Name:	PCB_052223_1
Calnum:	453205686001	Cal Date:	22-MAY-2023

- ICV 453205686031 (gc06_052223031 22-MAY-2023) stds: S18189

Analyte	Ch	Spiked	Quant	Units	%D	Max	Flags
Aroclor-1016	A	500.0	428.3	ug/L	-14	15	
Aroclor-1260	A	500.0	486.3	ug/L	-3	15	
Aroclor-1016	B	500.0	432.4	ug/L	-14	15	
Aroclor-1260	B	500.0	476.3	ug/L	-5	15	

-

Analyst: TRN 05/23/23 **Reviewer:** LW 05/23/23

ENTHALPY CONTINUING CALIBRATION FOR 486134 PCBS Wipe

EPA 8082

Inst:	SVOA-GC06			IDF:	1.0
Seqnum:	453225344003	File:	gc06_060523003	Time:	05-JUN-2023 11:44
Cal:	453205686001	Caldate:	22-MAY-2023		

Standards: S18318

Analyte	Ch	Avg RF/CF	RF/CF	Spiked	Quant	Units	%D	Max %D	Min RF	Flags
Aroclor-1016	A			500.0	458.0	ug/L	-8	15	0.0000	
Aroclor-1260	A			500.0	425.1	ug/L	-15	15	0.0000	
Decachlorobiphenyl (PCB)	A	1.3346	1.1522	40.00	34.53	ug/L	-14	15	0.0000	
TCMX (PCB)	A	1.0658	0.9294	40.00	34.88	ug/L	-13	15	0.0000	
Aroclor-1016	B			500.0	458.6	ug/L	-8	15	0.0000	
Aroclor-1260	B			500.0	448.0	ug/L	-10	15	0.0000	
Decachlorobiphenyl (PCB)	B	1.0562	0.9015	40.00	34.14	ug/L	-15	15	0.0000	
TCMX (PCB)	B	1.0609	0.8945	40.00	33.73	ug/L	**-16**	15	0.0000	c-

ISTD (ICAL gc06_052223022)	Ch	ICAL Abund	Abund	%Drift
1-bromo-2-nitrobenzene (PCB)	B	7279227	8992413	23.54
1-bromo-2-nitrobenzene (PCB)	A	2781470	3431466	23.37

06/05/23 : 20 PPB PEST CCV

-=low bias c=CCV

Analyst: TRN 06/05/23 **Reviewer:** LW 06/05/23

Enthalpy Internal Standard Summary for Sequence 453225344

Date:	06/05/23	Reference:	gc06_052223022
Sequence:	SVOA-GC06 gc06_060523	Analyzed:	05/22/23 20:43

#	Type	Sample ID	1BR2NITROBZPCB B	1BR2NITROBZPCB A
		ICAL STD	7279227	2781470
		LOWER LIMIT	3639614	1390735
		UPPER LIMIT	14558454	5562940
003	CCV		8992413	3431466

Enthalpy Internal Standard Summary for Sequence 453225344

Date: 06/05/23 Reference: gc06_060523003
Sequence: SVOA-GC06 gc06_060523 Analyzed: 06/05/23 11:44

#	Type	Sample ID	1BR2NITROBZPCB B	1BR2NITROBZPCB A
		CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV STD	8992413	3431466
		LOWER LIMIT	4496207	1715733
		UPPER LIMIT	17984827	6862932
013	SAMPLE	485904-007	5604605	2733664
014	SAMPLE	485904-008	8921480	3202682
015	BS	QC1069854	8978609	3274689
016	BSD	QC1069855	9519831	3462627
018	BLANK	QC1070827	10609717	3525726
019	SAMPLE	485725-005	9726692	3629924
020	SAMPLE	485725-006	9090046	3429181
021	BS	QC1070828	10155071	3341576
022	BSD	QC1070829	9977631	3255108
023	SAMPLE	486209-003	10090460	3567284
024	SAMPLE	486209-005	9173513	3350833
025	BLANK	QC1070657	10119574	3561619
026	BS	QC1070658	10199910	3480437
027	BSD	QC1070659	10134386	3394593
028	SAMPLE	486134-001	9968675	3592113
029	SAMPLE	486134-004	10684306	3811253
030	SAMPLE	486134-005	10535246	3726558
031	SAMPLE	486134-007	10473785	3859011
032	SAMPLE	486134-009	9859593	3591729
033	SAMPLE	486134-012	10225461	3762727
034	SAMPLE	486134-013	9278589	3315667
035	SAMPLE	486134-015	9614050	3425494
036	SAMPLE	486134-017	9228693	3319228
037	SAMPLE	486134-019	10073093	3584602
038	SAMPLE	486134-021	10021211	3579902
039	SAMPLE	486134-023	9892588	3566597
040	SAMPLE	486142-081	9014164	3174705
041	SAMPLE	486142-083	10052703	3574006
042	SAMPLE	486142-085	10200816	3504626
043	SAMPLE	486142-087	9810690	3414588

Enthalpy Internal Standard Summary for Sequence 453225344

Date:	06/05/23	Reference:	gc06_060523003
Sequence:	SVOA-GC06 gc06_060523	Analyzed:	06/05/23 11:44

#	Type	Sample ID	1BR2NITROBZPCB B RT	1BR2NITROBZPCB A RT
		CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV STD	4.36	4.13
		LOWER LIMIT	4.16	3.93
		UPPER LIMIT	4.56	4.33
013	SAMPLE	485904-007	4.35	4.14
014	SAMPLE	485904-008	4.36	4.13
015	BS	QC1069854	4.36	4.13
016	BSD	QC1069855	4.36	4.13
018	BLANK	QC1070827	4.36	4.14
019	SAMPLE	485725-005	4.35	4.13
020	SAMPLE	485725-006	4.35	4.13
021	BS	QC1070828	4.35	4.13
022	BSD	QC1070829	4.36	4.13
023	SAMPLE	486209-003	4.36	4.13
024	SAMPLE	486209-005	4.36	4.13
025	BLANK	QC1070657	4.35	4.13
026	BS	QC1070658	4.36	4.13
027	BSD	QC1070659	4.35	4.13
028	SAMPLE	486134-001	4.36	4.13
029	SAMPLE	486134-004	4.35	4.13
030	SAMPLE	486134-005	4.36	4.13
031	SAMPLE	486134-007	4.36	4.13
032	SAMPLE	486134-009	4.35	4.13
033	SAMPLE	486134-012	4.36	4.13
034	SAMPLE	486134-013	4.35	4.13
035	SAMPLE	486134-015	4.35	4.13
036	SAMPLE	486134-017	4.35	4.13
037	SAMPLE	486134-019	4.35	4.13
038	SAMPLE	486134-021	4.35	4.13
039	SAMPLE	486134-023	4.35	4.13
040	SAMPLE	486142-081	4.35	4.13
041	SAMPLE	486142-083	4.35	4.13
042	SAMPLE	486142-085	4.35	4.13
043	SAMPLE	486142-087	4.35	4.13

Enthalpy Internal Standard Summary for Sequence 453225344

Date:	06/05/23	Reference:	gc06_060523009
Sequence:	SVOA-GC06 gc06_060523	Analyzed:	06/05/23 14:04

#	Type	Sample ID	1BR2NITROBZ1254 B	1BR2NITROBZ1254 A
		CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV STD	9894264	3688197
		LOWER LIMIT	4947132	1844098
		UPPER LIMIT	19788528	7376394
013	SAMPLE	485904-007		
014	SAMPLE	485904-008		
018	BLANK	QC1070827		
019	SAMPLE	485725-005	9722566	3619055
020	SAMPLE	485725-006	9135172	3379532
023	SAMPLE	486209-003		
024	SAMPLE	486209-005		
025	BLANK	QC1070657		
028	SAMPLE	486134-001		
029	SAMPLE	486134-004		
030	SAMPLE	486134-005		
031	SAMPLE	486134-007		
032	SAMPLE	486134-009		
033	SAMPLE	486134-012		
034	SAMPLE	486134-013		
035	SAMPLE	486134-015		
036	SAMPLE	486134-017		
037	SAMPLE	486134-019		
038	SAMPLE	486134-021		
039	SAMPLE	486134-023		
040	SAMPLE	486142-081		
041	SAMPLE	486142-083		
042	SAMPLE	486142-085		
043	SAMPLE	486142-087		

Enthalpy Internal Standard Summary for Sequence 453225344

Date:	06/05/23	Reference:	gc06_060523009
Sequence:	SVOA-GC06 gc06_060523	Analyzed:	06/05/23 14:04

#	Type	Sample ID	1BR2NITROBZ1254 B RT	1BR2NITROBZ1254 A RT
		CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV STD	4.36	4.13
		LOWER LIMIT	4.16	3.93
		UPPER LIMIT	4.56	4.33
013	SAMPLE	485904-007		
014	SAMPLE	485904-008		
018	BLANK	QC1070827		
019	SAMPLE	485725-005	4.35	4.13
020	SAMPLE	485725-006	4.35	4.13
023	SAMPLE	486209-003		
024	SAMPLE	486209-005		
025	BLANK	QC1070657		
028	SAMPLE	486134-001		
029	SAMPLE	486134-004		
030	SAMPLE	486134-005		
031	SAMPLE	486134-007		
032	SAMPLE	486134-009		
033	SAMPLE	486134-012		
034	SAMPLE	486134-013		
035	SAMPLE	486134-015		
036	SAMPLE	486134-017		
037	SAMPLE	486134-019		
038	SAMPLE	486134-021		
039	SAMPLE	486134-023		
040	SAMPLE	486142-081		
041	SAMPLE	486142-083		
042	SAMPLE	486142-085		
043	SAMPLE	486142-087		

Enthalpy Internal Standard Summary for Sequence 453225344

Date:	06/05/23	Reference:	gc06_060523010
Sequence:	SVOA-GC06 gc06_060523	Analyzed:	06/05/23 14:22

#	Type	Sample ID	1BR2NITROBZ1248 A	1BR2NITROBZ1248 B
		CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV STD	3562631	9640375
		LOWER LIMIT	1781315	4820188
		UPPER LIMIT	7125261	19280751
013	SAMPLE	485904-007	2963994	4937697
014	SAMPLE	485904-008	3222808	8769071
018	BLANK	QC1070827		
019	SAMPLE	485725-005		
020	SAMPLE	485725-006		
023	SAMPLE	486209-003		
024	SAMPLE	486209-005		
025	BLANK	QC1070657		
028	SAMPLE	486134-001		
029	SAMPLE	486134-004		
030	SAMPLE	486134-005		
031	SAMPLE	486134-007		
032	SAMPLE	486134-009		
033	SAMPLE	486134-012		
034	SAMPLE	486134-013		
035	SAMPLE	486134-015		
036	SAMPLE	486134-017		
037	SAMPLE	486134-019		
038	SAMPLE	486134-021		
039	SAMPLE	486134-023		
040	SAMPLE	486142-081		
041	SAMPLE	486142-083		
042	SAMPLE	486142-085		
043	SAMPLE	486142-087		

Enthalpy Internal Standard Summary for Sequence 453225344

Date:	06/05/23	Reference:	gc06_060523010
Sequence:	SVOA-GC06 gc06_060523	Analyzed:	06/05/23 14:22

#	Type	Sample ID	1BR2NITROBZ1248 A RT	1BR2NITROBZ1248 B RT
		CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV STD	4.13	4.36
		LOWER LIMIT	3.93	4.16
		UPPER LIMIT	4.33	4.56
013	SAMPLE	485904-007	4.14	4.35
014	SAMPLE	485904-008	4.13	4.36
018	BLANK	QC1070827		
019	SAMPLE	485725-005		
020	SAMPLE	485725-006		
023	SAMPLE	486209-003		
024	SAMPLE	486209-005		
025	BLANK	QC1070657		
028	SAMPLE	486134-001		
029	SAMPLE	486134-004		
030	SAMPLE	486134-005		
031	SAMPLE	486134-007		
032	SAMPLE	486134-009		
033	SAMPLE	486134-012		
034	SAMPLE	486134-013		
035	SAMPLE	486134-015		
036	SAMPLE	486134-017		
037	SAMPLE	486134-019		
038	SAMPLE	486134-021		
039	SAMPLE	486134-023		
040	SAMPLE	486142-081		
041	SAMPLE	486142-083		
042	SAMPLE	486142-085		
043	SAMPLE	486142-087		

Enthalpy Sequence Summary for Sequence 453205686

Instrument: SVOA-GC06 Begun: 05/22/23 20:06
Method: EPA 8082

#	File	Type	Sample ID	Matrix	Batch	Analyzed	IDF	Stds Used
020	gc06_052223020	ICAL				05/22/23 20:06	1.0	1
021	gc06_052223021	ICAL				05/22/23 20:24	1.0	2
022	gc06_052223022	ICAL				05/22/23 20:43	1.0	3
023	gc06_052223023	ICAL				05/22/23 21:01	1.0	4
024	gc06_052223024	ICAL				05/22/23 21:19	1.0	5
025	gc06_052223025	ICAL				05/22/23 21:38	1.0	6
026	gc06_052223026	ICAL				05/22/23 21:56	1.0	7
027	gc06_052223027	ICAL				05/22/23 22:14	1.0	8
028	gc06_052223028	ICAL				05/22/23 22:33	1.0	9
029	gc06_052223029	ICAL				05/22/23 22:51	1.0	10
031	gc06_052223031	ICV				05/22/23 23:27	1.0	11

TRN 05/23/23 : I verified that the vials loaded on the instrument matched the sequence data entry, for runs 20 through 31.

Standards Used:
1=S18179 2=S18180 3=S18181 4=S18182 5=S18183 6=S18184 7=S18185 8=S18186 9=S18187 10=S18188 11=S18189

Enthalpy Sequence Summary for Sequence 453225344

Instrument: SVOA-GC06 Begun: 06/05/23 11:25
Method: EPA 8081A, EPA 8082

#	File	Type	Sample ID	Matrix	Batch	Analyzed	IDF	Stds Used
002	gc06_060523002	PEM				06/05/23 11:25	1.0	1
003	gc06_060523003	CCV				06/05/23 11:44	1.0	2
004	gc06_060523004	CCV				06/05/23 12:02	1.0	3
009	gc06_060523009	ICAL				06/05/23 14:04	1.0	4
010	gc06_060523010	ICAL				06/05/23 14:22	1.0	5
013	gc06_060523013	SAMPLE	485904-007	Miscell.	314967	06/05/23 15:16	1.0	6
014	gc06_060523014	SAMPLE	485904-008	Miscell.	314967	06/05/23 15:34	1.0	6
015	gc06_060523015	BS	QC1069854	Soil	315147	06/05/23 15:53	1.0	6
016	gc06_060523016	BSD	QC1069855	Soil	315147	06/05/23 16:12	1.0	6
018	gc06_060523018	BLANK	QC1070827	Air	315418	06/05/23 16:32	1.0	6
019	gc06_060523019	SAMPLE	485725-005	Miscell.	315031	06/05/23 16:51	20.0	6
020	gc06_060523020	SAMPLE	485725-006	Miscell.	315031	06/05/23 17:09	20.0	6
021	gc06_060523021	BS	QC1070828	Air	315418	06/05/23 17:28	1.0	6
022	gc06_060523022	BSD	QC1070829	Air	315418	06/05/23 17:46	1.0	6
023	gc06_060523023	SAMPLE	486209-003	Air	315418	06/05/23 18:04	1.0	6
024	gc06_060523024	SAMPLE	486209-005	Air	315418	06/05/23 18:23	1.0	6
025	gc06_060523025	BLANK	QC1070657	Wipe	315386	06/05/23 18:42	1.0	6
026	gc06_060523026	BS	QC1070658	Wipe	315386	06/05/23 19:00	1.0	6
027	gc06_060523027	BSD	QC1070659	Wipe	315386	06/05/23 19:18	1.0	6
028	gc06_060523028	SAMPLE	486134-001	Wipe	315386	06/05/23 19:37	1.0	6
029	gc06_060523029	SAMPLE	486134-004	Wipe	315386	06/05/23 19:55	1.0	6
030	gc06_060523030	SAMPLE	486134-005	Wipe	315386	06/05/23 20:13	1.0	6
031	gc06_060523031	SAMPLE	486134-007	Wipe	315386	06/05/23 20:33	1.0	6
032	gc06_060523032	SAMPLE	486134-009	Wipe	315386	06/05/23 20:52	1.0	6
033	gc06_060523033	SAMPLE	486134-012	Wipe	315386	06/05/23 21:11	1.0	6
034	gc06_060523034	SAMPLE	486134-013	Wipe	315386	06/05/23 21:29	1.0	6
035	gc06_060523035	SAMPLE	486134-015	Wipe	315386	06/05/23 21:48	1.0	6
036	gc06_060523036	SAMPLE	486134-017	Wipe	315386	06/05/23 22:07	1.0	6
037	gc06_060523037	SAMPLE	486134-019	Wipe	315386	06/05/23 22:25	1.0	6
038	gc06_060523038	SAMPLE	486134-021	Wipe	315386	06/05/23 22:43	1.0	6
039	gc06_060523039	SAMPLE	486134-023	Wipe	315386	06/05/23 23:02	1.0	6
040	gc06_060523040	SAMPLE	486142-081	Wipe	315386	06/05/23 23:20	1.0	6
041	gc06_060523041	SAMPLE	486142-083	Wipe	315386	06/05/23 23:38	1.0	6
042	gc06_060523042	SAMPLE	486142-085	Wipe	315386	06/05/23 23:56	1.0	6
043	gc06_060523043	SAMPLE	486142-087	Wipe	315386	06/06/23 00:15	1.0	6

TRN 06/05/23 : I verified that the vials loaded on the instrument matched the sequence data entry, for runs 2 through 20.

MES 06/08/23 : I verified that the vials loaded on the instrument matched the sequence data entry, for runs 21 through 43.

Standards Used:
1=S18206 2=S18318 3=S18265 4=S18300 5=S18394 6=S18370

SAMPLE PREPARATION SUMMARY

Batch #:	315386	Method:	3546	Analysis:	8080
Started By:	JXL	Prep Date:	05-JUN-2023 13:25	Finished By:	JXL

Sample	Matrix	Initial	Final	Prep DF	pH	Spike S18502	Spike S18369	Analysis
486134-001	Wipe	1 dm2	10 mL	10.0		.5 mL		PCB-MICROWAVE
486134-004	Wipe	1 dm2	10 mL	10.0		.5 mL		PCB-MICROWAVE
486134-005	Wipe	1 dm2	10 mL	10.0		.5 mL		PCB-MICROWAVE
486134-007	Wipe	1 dm2	10 mL	10.0		.5 mL		PCB-MICROWAVE
486134-009	Wipe	1 dm2	10 mL	10.0		.5 mL		PCB-MICROWAVE
486134-012	Wipe	1 dm2	10 mL	10.0		.5 mL		PCB-MICROWAVE
486134-013	Wipe	1 dm2	10 mL	10.0		.5 mL		PCB-MICROWAVE
486134-015	Wipe	1 dm2	10 mL	10.0		.5 mL		PCB-MICROWAVE
486134-017	Wipe	1 dm2	10 mL	10.0		.5 mL		PCB-MICROWAVE
486134-019	Wipe	1 dm2	10 mL	10.0		.5 mL		PCB-MICROWAVE
486134-021	Wipe	1 dm2	10 mL	10.0		.5 mL		PCB-MICROWAVE
486134-023	Wipe	1 dm2	10 mL	10.0		.5 mL		PCB-MICROWAVE
486142-081	Wipe	1 dm2	10 mL	10.0		.5 mL		PCB-MICROWAVE
486142-083	Wipe	1 dm2	10 mL	10.0		.5 mL		PCB-MICROWAVE
486142-085	Wipe	1 dm2	10 mL	10.0		.5 mL		PCB-MICROWAVE
486142-087	Wipe	1 dm2	10 mL	10.0		.5 mL		PCB-MICROWAVE
QC1070657 BLANK	Wipe	1 dm2	10 mL	10.0		.5 mL		8080
QC1070658 BS	Wipe	1 dm2	10 mL	10.0		.5 mL	.5 mL	8080
QC1070659 BSD	Wipe	1 dm2	10 mL	10.0		.5 mL	.5 mL	8080

Analyst: MES 06/08/23

Reviewer: MTS 06/08/23

8081/8082/608.3 Prep Log

Prep Method: 3546 Matrix: WIPE Date/Time: 6/5/23 13:25 Initials: EPL / JXL

Hotblock ID: ____ Therm Loc: ____ Therm ID/CF: ____/____

Hotblock Temp (Obs/Corr), °C: ____/____

Balance ID: N/A Microdispenser ID: SYRINGE

Extraction Start Time*: 13:40 Extraction end time*: 14:25

* For hot block, microwave, shaker table

608.3 QC Batch#: ____

8081 QC Batch #: 3546/4

8082 QC Batch #: 315386

Sample ID	Cont. ID	Sample Initial Amount Circle one: mL g	pH is 5-9?	Extraction Equipment ID (Sox, Sonic., Shaker)	Turbo Vap ID	Extract, Final Volume (mL)	Date/Time (if diff from above)	Comment
Blank		1dm²	N/A	MIKO-1	TV08	10.0		
LCS				-2				
LCSD				-3				
486142-081	A			-4				
-083	A			-5				
-085	A			-6	↓			
-087	A			-7	TV09			
486134-001	A			-8				
-004	A			-9				
-005	A			-11				
-007	A			-12				
-009	A			-13	↓			
-012	A			-15	TV08			
-013	A			-16				
-015	A			-17				
-017	A			-19				
-019	A			-20				
-021	A			-21	↓			
-023	A	↓	↓	↓ -23	TV09	↓		

Methylene Chloride Lot: ____

Exchange Solvent (Hexane) ID: S18285

Acetone-Hexane Mix ID: ____

Sodium Sulfate Lot: 217961

Baked Sand Lot: N/A

Surrogate ID: S18502 Volume: 500 µL

Pest LCS Spike ID: ____ Volume: ____ µL

PCB LCS Spike ID: S18369 Volume: 500 µL

Pest MS/MSD Spike ID: ____ Volume: ____ µL

PCB MS/MSD Spike ID: ____ Volume: ____ µL

REPORTING SUMMARY FOR 486134 PCBS Wipe

Sample ID	Analyte	Inst ID	Ch	Date & Time
486134-001	Aroclor-1016	SVOA-GC06	B	06/05/23 19:37
486134-001	Aroclor-1221	SVOA-GC06	B	06/05/23 19:37
486134-001	Aroclor-1232	SVOA-GC06	B	06/05/23 19:37
486134-001	Aroclor-1242	SVOA-GC06	B	06/05/23 19:37
486134-001	Aroclor-1248	SVOA-GC06	B	06/05/23 19:37
486134-001	Aroclor-1254	SVOA-GC06	B	06/05/23 19:37
486134-001	Aroclor-1260	SVOA-GC06	B	06/05/23 19:37
486134-001	Aroclor-1262	SVOA-GC06	B	06/05/23 19:37
486134-001	Aroclor-1268	SVOA-GC06	B	06/05/23 19:37
486134-001	TCMX (PCB)	SVOA-GC06	B	06/05/23 19:37
486134-001	Decachlorobiphenyl (PCB)	SVOA-GC06	B	06/05/23 19:37
486134-004	Aroclor-1016	SVOA-GC06	B	06/05/23 19:55
486134-004	Aroclor-1221	SVOA-GC06	B	06/05/23 19:55
486134-004	Aroclor-1232	SVOA-GC06	B	06/05/23 19:55
486134-004	Aroclor-1242	SVOA-GC06	B	06/05/23 19:55
486134-004	Aroclor-1248	SVOA-GC06	B	06/05/23 19:55
486134-004	Aroclor-1254	SVOA-GC06	B	06/05/23 19:55
486134-004	Aroclor-1260	SVOA-GC06	B	06/05/23 19:55
486134-004	Aroclor-1262	SVOA-GC06	B	06/05/23 19:55
486134-004	Aroclor-1268	SVOA-GC06	B	06/05/23 19:55
486134-004	TCMX (PCB)	SVOA-GC06	B	06/05/23 19:55
486134-004	Decachlorobiphenyl (PCB)	SVOA-GC06	B	06/05/23 19:55
486134-005	Aroclor-1016	SVOA-GC06	B	06/05/23 20:13
486134-005	Aroclor-1221	SVOA-GC06	B	06/05/23 20:13
486134-005	Aroclor-1232	SVOA-GC06	B	06/05/23 20:13
486134-005	Aroclor-1242	SVOA-GC06	B	06/05/23 20:13
486134-005	Aroclor-1248	SVOA-GC06	B	06/05/23 20:13
486134-005	Aroclor-1254	SVOA-GC06	B	06/05/23 20:13
486134-005	Aroclor-1260	SVOA-GC06	B	06/05/23 20:13
486134-005	Aroclor-1262	SVOA-GC06	B	06/05/23 20:13
486134-005	Aroclor-1268	SVOA-GC06	B	06/05/23 20:13
486134-005	TCMX (PCB)	SVOA-GC06	B	06/05/23 20:13
486134-005	Decachlorobiphenyl (PCB)	SVOA-GC06	B	06/05/23 20:13
486134-007	Aroclor-1016	SVOA-GC06	B	06/05/23 20:33
486134-007	Aroclor-1221	SVOA-GC06	B	06/05/23 20:33
486134-007	Aroclor-1232	SVOA-GC06	B	06/05/23 20:33
486134-007	Aroclor-1242	SVOA-GC06	B	06/05/23 20:33
486134-007	Aroclor-1248	SVOA-GC06	B	06/05/23 20:33
486134-007	Aroclor-1254	SVOA-GC06	B	06/05/23 20:33
486134-007	Aroclor-1260	SVOA-GC06	B	06/05/23 20:33
486134-007	Aroclor-1262	SVOA-GC06	B	06/05/23 20:33
486134-007	Aroclor-1268	SVOA-GC06	B	06/05/23 20:33
486134-007	TCMX (PCB)	SVOA-GC06	B	06/05/23 20:33
486134-007	Decachlorobiphenyl (PCB)	SVOA-GC06	B	06/05/23 20:33
486134-009	Aroclor-1016	SVOA-GC06	B	06/05/23 20:52
486134-009	Aroclor-1221	SVOA-GC06	B	06/05/23 20:52
486134-009	Aroclor-1232	SVOA-GC06	B	06/05/23 20:52
486134-009	Aroclor-1242	SVOA-GC06	B	06/05/23 20:52
486134-009	Aroclor-1248	SVOA-GC06	B	06/05/23 20:52
486134-009	Aroclor-1254	SVOA-GC06	B	06/05/23 20:52

Sample ID	Analyte	Inst ID	Ch	Date & Time
486134-009	Aroclor-1260	SVOA-GC06	B	06/05/23 20:52
486134-009	Aroclor-1262	SVOA-GC06	B	06/05/23 20:52
486134-009	Aroclor-1268	SVOA-GC06	B	06/05/23 20:52
486134-009	TCMX (PCB)	SVOA-GC06	B	06/05/23 20:52
486134-009	Decachlorobiphenyl (PCB)	SVOA-GC06	B	06/05/23 20:52
486134-012	Aroclor-1016	SVOA-GC06	B	06/05/23 21:11
486134-012	Aroclor-1221	SVOA-GC06	B	06/05/23 21:11
486134-012	Aroclor-1232	SVOA-GC06	B	06/05/23 21:11
486134-012	Aroclor-1242	SVOA-GC06	B	06/05/23 21:11
486134-012	Aroclor-1248	SVOA-GC06	B	06/05/23 21:11
486134-012	Aroclor-1254	SVOA-GC06	B	06/05/23 21:11
486134-012	Aroclor-1260	SVOA-GC06	B	06/05/23 21:11
486134-012	Aroclor-1262	SVOA-GC06	B	06/05/23 21:11
486134-012	Aroclor-1268	SVOA-GC06	B	06/05/23 21:11
486134-012	TCMX (PCB)	SVOA-GC06	B	06/05/23 21:11
486134-012	Decachlorobiphenyl (PCB)	SVOA-GC06	B	06/05/23 21:11
486134-013	Aroclor-1016	SVOA-GC06	B	06/05/23 21:29
486134-013	Aroclor-1221	SVOA-GC06	B	06/05/23 21:29
486134-013	Aroclor-1232	SVOA-GC06	B	06/05/23 21:29
486134-013	Aroclor-1242	SVOA-GC06	B	06/05/23 21:29
486134-013	Aroclor-1248	SVOA-GC06	B	06/05/23 21:29
486134-013	Aroclor-1254	SVOA-GC06	B	06/05/23 21:29
486134-013	Aroclor-1260	SVOA-GC06	B	06/05/23 21:29
486134-013	Aroclor-1262	SVOA-GC06	B	06/05/23 21:29
486134-013	Aroclor-1268	SVOA-GC06	B	06/05/23 21:29
486134-013	TCMX (PCB)	SVOA-GC06	B	06/05/23 21:29
486134-013	Decachlorobiphenyl (PCB)	SVOA-GC06	B	06/05/23 21:29
486134-015	Aroclor-1016	SVOA-GC06	B	06/05/23 21:48
486134-015	Aroclor-1221	SVOA-GC06	B	06/05/23 21:48
486134-015	Aroclor-1232	SVOA-GC06	B	06/05/23 21:48
486134-015	Aroclor-1242	SVOA-GC06	B	06/05/23 21:48
486134-015	Aroclor-1248	SVOA-GC06	B	06/05/23 21:48
486134-015	Aroclor-1254	SVOA-GC06	B	06/05/23 21:48
486134-015	Aroclor-1260	SVOA-GC06	B	06/05/23 21:48
486134-015	Aroclor-1262	SVOA-GC06	B	06/05/23 21:48
486134-015	Aroclor-1268	SVOA-GC06	B	06/05/23 21:48
486134-015	TCMX (PCB)	SVOA-GC06	B	06/05/23 21:48
486134-015	Decachlorobiphenyl (PCB)	SVOA-GC06	B	06/05/23 21:48
486134-017	Aroclor-1016	SVOA-GC06	B	06/05/23 22:07
486134-017	Aroclor-1221	SVOA-GC06	B	06/05/23 22:07
486134-017	Aroclor-1232	SVOA-GC06	B	06/05/23 22:07
486134-017	Aroclor-1242	SVOA-GC06	B	06/05/23 22:07
486134-017	Aroclor-1248	SVOA-GC06	B	06/05/23 22:07
486134-017	Aroclor-1254	SVOA-GC06	B	06/05/23 22:07
486134-017	Aroclor-1260	SVOA-GC06	B	06/05/23 22:07
486134-017	Aroclor-1262	SVOA-GC06	B	06/05/23 22:07
486134-017	Aroclor-1268	SVOA-GC06	B	06/05/23 22:07
486134-017	TCMX (PCB)	SVOA-GC06	B	06/05/23 22:07
486134-017	Decachlorobiphenyl (PCB)	SVOA-GC06	B	06/05/23 22:07

REPORTING SUMMARY FOR 486134 PCBS Wipe

Sample ID	Analyte	Inst ID	Ch	Date & Time
486134-019	Aroclor-1016	SVOA-GC06	B	06/05/23 22:25
486134-019	Aroclor-1221	SVOA-GC06	B	06/05/23 22:25
486134-019	Aroclor-1232	SVOA-GC06	B	06/05/23 22:25
486134-019	Aroclor-1242	SVOA-GC06	B	06/05/23 22:25
486134-019	Aroclor-1248	SVOA-GC06	B	06/05/23 22:25
486134-019	Aroclor-1254	SVOA-GC06	B	06/05/23 22:25
486134-019	Aroclor-1260	SVOA-GC06	B	06/05/23 22:25
486134-019	Aroclor-1262	SVOA-GC06	B	06/05/23 22:25
486134-019	Aroclor-1268	SVOA-GC06	B	06/05/23 22:25
486134-019	TCMX (PCB)	SVOA-GC06	B	06/05/23 22:25
486134-019	Decachlorobiphenyl (PCB)	SVOA-GC06	B	06/05/23 22:25
486134-021	Aroclor-1016	SVOA-GC06	B	06/05/23 22:43
486134-021	Aroclor-1221	SVOA-GC06	B	06/05/23 22:43
486134-021	Aroclor-1232	SVOA-GC06	B	06/05/23 22:43
486134-021	Aroclor-1242	SVOA-GC06	B	06/05/23 22:43
486134-021	Aroclor-1248	SVOA-GC06	B	06/05/23 22:43
486134-021	Aroclor-1254	SVOA-GC06	B	06/05/23 22:43
486134-021	Aroclor-1260	SVOA-GC06	B	06/05/23 22:43
486134-021	Aroclor-1262	SVOA-GC06	B	06/05/23 22:43
486134-021	Aroclor-1268	SVOA-GC06	B	06/05/23 22:43
486134-021	TCMX (PCB)	SVOA-GC06	B	06/05/23 22:43
486134-021	Decachlorobiphenyl (PCB)	SVOA-GC06	B	06/05/23 22:43
486134-023	Aroclor-1016	SVOA-GC06	B	06/05/23 23:02
486134-023	Aroclor-1221	SVOA-GC06	B	06/05/23 23:02
486134-023	Aroclor-1232	SVOA-GC06	B	06/05/23 23:02
486134-023	Aroclor-1242	SVOA-GC06	B	06/05/23 23:02
486134-023	Aroclor-1248	SVOA-GC06	B	06/05/23 23:02
486134-023	Aroclor-1254	SVOA-GC06	B	06/05/23 23:02
486134-023	Aroclor-1260	SVOA-GC06	B	06/05/23 23:02
486134-023	Aroclor-1262	SVOA-GC06	B	06/05/23 23:02
486134-023	Aroclor-1268	SVOA-GC06	B	06/05/23 23:02
486134-023	TCMX (PCB)	SVOA-GC06	B	06/05/23 23:02
486134-023	Decachlorobiphenyl (PCB)	SVOA-GC06	B	06/05/23 23:02
QC1070657	Aroclor-1016	SVOA-GC06	B	06/05/23 18:42
QC1070657	Aroclor-1221	SVOA-GC06	B	06/05/23 18:42
QC1070657	Aroclor-1232	SVOA-GC06	B	06/05/23 18:42
QC1070657	Aroclor-1242	SVOA-GC06	B	06/05/23 18:42
QC1070657	Aroclor-1248	SVOA-GC06	B	06/05/23 18:42
QC1070657	Aroclor-1254	SVOA-GC06	B	06/05/23 18:42
QC1070657	Aroclor-1260	SVOA-GC06	B	06/05/23 18:42
QC1070657	Aroclor-1262	SVOA-GC06	B	06/05/23 18:42
QC1070657	Aroclor-1268	SVOA-GC06	B	06/05/23 18:42
QC1070657	TCMX (PCB)	SVOA-GC06	B	06/05/23 18:42
QC1070657	Decachlorobiphenyl (PCB)	SVOA-GC06	B	06/05/23 18:42
QC1070658	Aroclor-1016	SVOA-GC06	B	06/05/23 19:00
QC1070658	Aroclor-1260	SVOA-GC06	B	06/05/23 19:00
QC1070658	TCMX (PCB)	SVOA-GC06	B	06/05/23 19:00
QC1070658	Decachlorobiphenyl (PCB)	SVOA-GC06	B	06/05/23 19:00
QC1070659	Aroclor-1016	SVOA-GC06	B	06/05/23 19:18

REPORTING SUMMARY FOR 486134 PCBS Wipe

Sample ID	Analyte	Inst ID	Ch	Date & Time
QC1070659	Aroclor-1260	SVOA-GC06	B	06/05/23 19:18
QC1070659	TCMX (PCB)	SVOA-GC06	B	06/05/23 19:18
QC1070659	Decachlorobiphenyl (PCB)	SVOA-GC06	B	06/05/23 19:18

Sample Raw Data

ENTHALPY SAMPLE USER REPORT FOR EPA 8082

Inst:	SVOA-GC06	Lab ID:	486134-001	Client ID:	AFRAME-C6E-MED-L3-EXT-1 TO 2-230601-P-WF
Seqnum:	453225344028	Matrix:	Wipe	Acct:	RINCON-BERK (JG)
File:	gc06_060523028	Batch:	315386	Time:	05-JUN-2023 19:37
Cal:	453205686001	Caldate:	22-MAY-2023		
IDF:	1.0	Raw Units:	ug/L	Units:	ug/dm2

- 1.00 dm2 ⇨ 10.0 ml = 10.0 ml/dm2 PDF

Analyte	Ch	Raw	Result	Conf	RPD	RL	Blank	Flags
Aroclor-1016	B	101.1	~~1.0~~ ~~FP~~	0.71	35%	0.50		x u
Aroclor-1016 Peak # 1	B	247.6	2.48	1.75	34%			
Aroclor-1016 Peak # 2	B	110.1	1.10	0.73	40%			
Aroclor-1016 Peak # 3	B	128.0	1.28	0.74	54%			
Aroclor-1016 Peak # 4	B	6.457	0.06	ND				
Aroclor-1016 Peak # 5	B	13.30	0.13	0.33	86%			
Aroclor-1221	B		ND			0.50		u
Aroclor-1232	B		ND			0.50		u
Aroclor-1242	B		ND			0.50		u
Aroclor-1248	B		ND			0.50		u
Aroclor-1254	B		ND			0.50		u
Aroclor-1260	B	26.34	ND	1.7	145%	0.50		u
Aroclor-1260 Peak # 1	B	39.98	0.40	2.03	134%			
Aroclor-1260 Peak # 2	B	51.30	0.51	0.04	172%			
Aroclor-1260 Peak # 3	B	12.43	0.12	0.19	43%			
Aroclor-1260 Peak # 4	B	19.27	0.19	5.97	188%			
Aroclor-1260 Peak # 5	B	8.742	0.09	0.11	20%			
Aroclor-1262	B		ND			0.50		u
Aroclor-1268	B		ND			0.50		u

Surrogate	Ch	Raw	Spiked	Result	%Rec	Limits	Flags
TCMX (PCB)	B	31.90	0.5000	0.3190	64	19-121	c- u
Decachlorobiphenyl (PCB)	B	31.75	0.5000	0.3175	63	19-121	u

NO INTERNAL STANDARD REFERENCE RUN FOUND FOR CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV(internal standard: 1BR2NITROBZ1268, 1BR2NITROBZ1262, 1BR2NITROBZ1232, 1BR2NITROBZ1242, 1BR2NITROBZ1221)

ISTD (CCV gc06_060523003)	Ch	CCV Abund	SAMPLE Abund	%Drift
1-bromo-2-nitrobenzene (PCB)	B	8992413	9968675	10.86
1-bromo-2-nitrobenzene (PCB)	A	3431466	3592113	4.68

ISTD (ICAL gc06_060523009)	Ch	ICAL Abund	SAMPLE Abund	%Drift
1-bromo-2-nitrobenzene (1254)	B	9894264	**???**	**-100.00 ***
1-bromo-2-nitrobenzene (1254)	A	3688197	**???**	**-100.00 ***

ISTD (ICAL gc06_060523010)	Ch	ICAL Abund	SAMPLE Abund	%Drift
1-bromo-2-nitrobenzene (1248)	A	3562631	**???**	**-100.00 ***
1-bromo-2-nitrobenzene (1248)	B	9640375	**???**	**-100.00 ***

NO INTERNAL STANDARD REFERENCE RUN FOUND FOR CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV(internal standard: 1BR2NITROBZ1268, 1BR2NITROBZ1262, 1BR2NITROBZ1232, 1BR2NITROBZ1242, 1BR2NITROBZ1221)

ISTD (CCV gc06_060523003)	Ch	CCV RT	SAMPLE RT	Drift
1-bromo-2-nitrobenzene (PCB)	B	4.36	4.36	0.00
1-bromo-2-nitrobenzene (PCB)	A	4.13	4.13	0.00

ISTD (ICAL gc06_060523009)	Ch	ICAL RT	SAMPLE RT	Drift
1-bromo-2-nitrobenzene (1254)	B	4.36	**???**	
1-bromo-2-nitrobenzene (1254)	A	4.13	**???**	

ISTD (ICAL gc06_060523010)	Ch	ICAL RT	SAMPLE RT	Drift
1-bromo-2-nitrobenzene (1248)	A	4.13	**???**	
1-bromo-2-nitrobenzene (1248)	B	4.36	**???**	

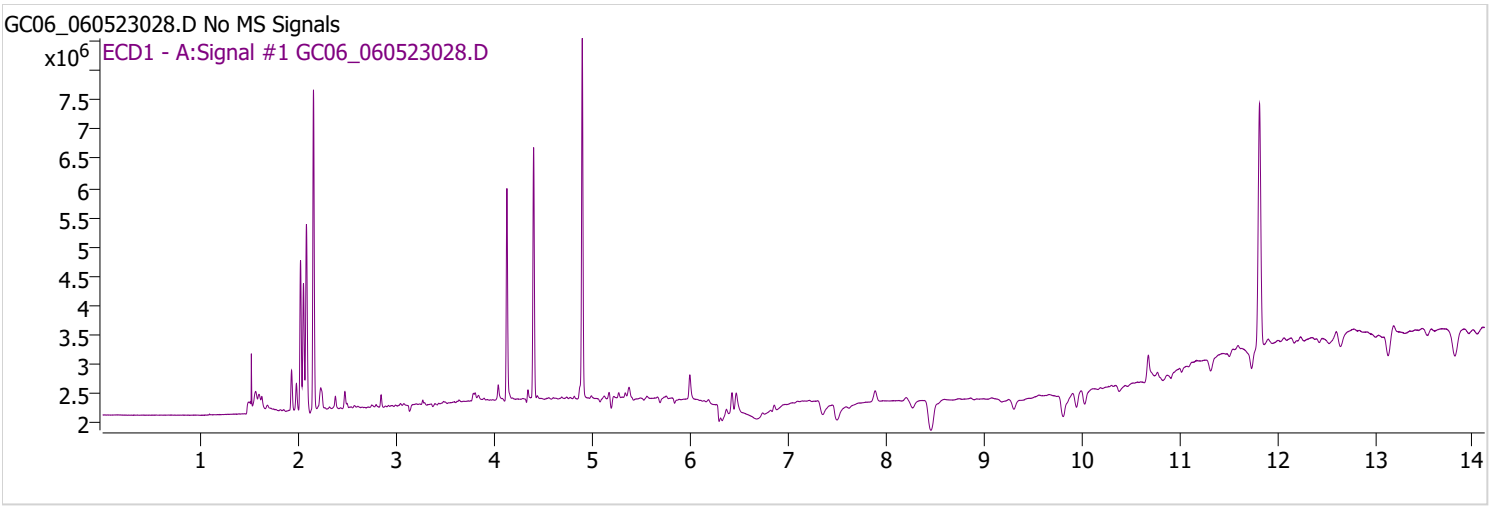
06/08/23 : WIPE/1DM^2-10ML

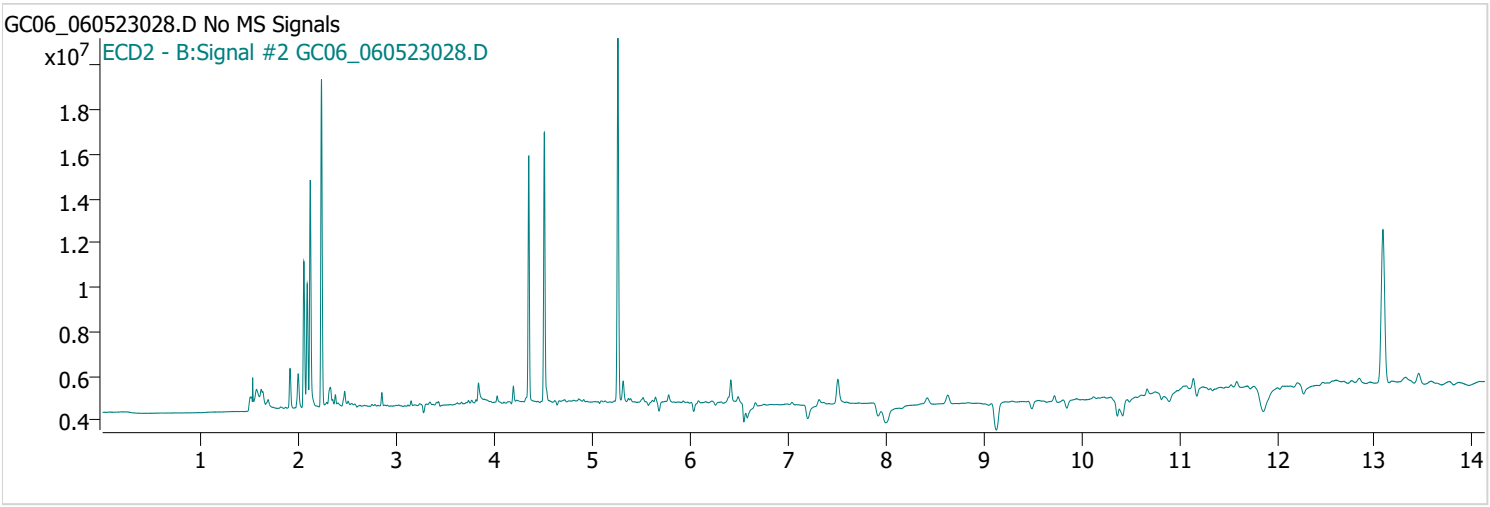
-=low bias c=CCV u=use x=false positive

Analyst: MES 06/08/23 **Reviewer:** MTS 06/08/23

Quantitation Results Report (Not Reviewed)

Data File	GC06_060523028.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	6/5/2023 7:37:12 PM
Sample Name	486134-001, 315386, 1	Instrument	SVOA-GC06
Vial	15	Multiplier	1.00
DA Method File	PCB_608_052323_GC06_9.m	Comment	WIPE/1DM^2-10ML
Tune File	ATUNE.U	Tune Date	
Batch Name	060523PCB.batch.bin	Last Calib Update	5/23/2023 1:46:10 PM
Ref Library			



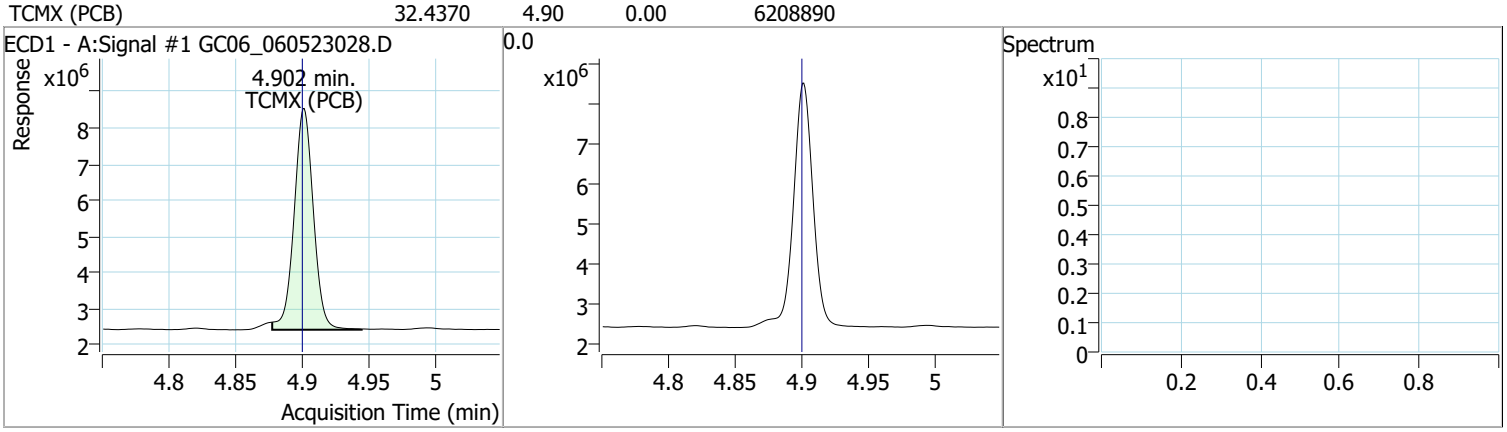


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1-bromo-2-nitrobenzene (PCB)	4.131	0.0	3592112.707	20.0000	ng/ml		-0.003
M 1-bromo-2-nitrobenzene (PCB) #2	4.355	0.0	9968675.099	20.0000	ng/ml		0.000
System Monitoring Compounds							
S TCMX (PCB)	4.902	0.0	6208889.951	32.4370	ng/ml		-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 162.18%		*	
S TCMX (PCB) #2	5.266	0.0	16870037.930	31.9030	ng/ml		-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 159.51%		*	
S Decachlorobiphenyl (PCB)	11.822	0.0	8666882.885	36.1575	ng/ml		-0.004
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 180.79%		*	
S Decachlorobiphenyl (PCB) #2	13.084	0.0	16713242.838	31.7480	ng/ml		0.000
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 158.74%		*	
Target Compounds							QValue

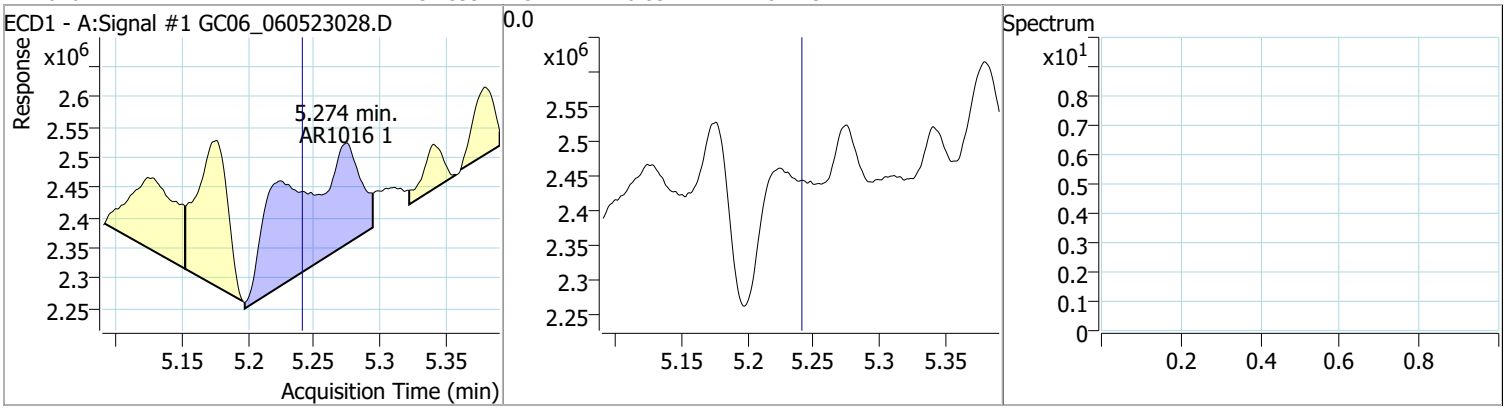
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T AR1016 1	5.274	0.0	702179.313	175.2599	ng/ml	100
T AR1016 2	5.561	0.0	597745.464	73.4876	ng/ml	100
T AR1016 1 #2	5.784	0.0	2571215.745	247.6302	ng/ml	100
T AR1016 3	6.000	0.0	764281.112	73.5137	ng/ml	100
T AR1016 2 #2	6.090	0.0	2568158.523	110.1058	ng/ml	100
T AR1016 4	0.000		0	N.D.		
T AR1016 5	6.375	0.0	160424.786	33.4741	ng/ml	100
T AR1016 3 #2	6.671	0.0	3593348.504	128.0315	ng/ml	100
T AR1016 4 #2	6.845	0.0	130425.532	6.4566	ng/ml	100
T AR1016 5 #2	6.983	0.0	143337.564	13.3025	ng/ml	100
T AR1260 1	8.373	0.0	2407893.556	202.7055	ng/ml	100
T AR1260 2	8.870	0.0	71349.030	3.9345	ng/ml	100
T AR1260 3	9.258	0.0	373836.650	19.2929	ng/ml	100
T AR1260 1 #2	9.727	0.0	1124002.478	39.9808	ng/ml	100
T AR1260 4	9.912	0.0	6306749.679	597.4092	ng/ml	100
T AR1260 2 #2	9.953	0.0	1625992.207	51.2970	ng/ml	100
T AR1260 3 #2	10.389	0.0	504312.234	12.4327	ng/ml	100
T AR1260 5	10.608	0.0	179145.125	10.7322	ng/ml	100
T AR1260 4 #2	10.844	0.0	456467.275	19.2660	ng/ml	100
T AR1260 5 #2	11.530	0.0	300206.184	8.7417	ng/ml	100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

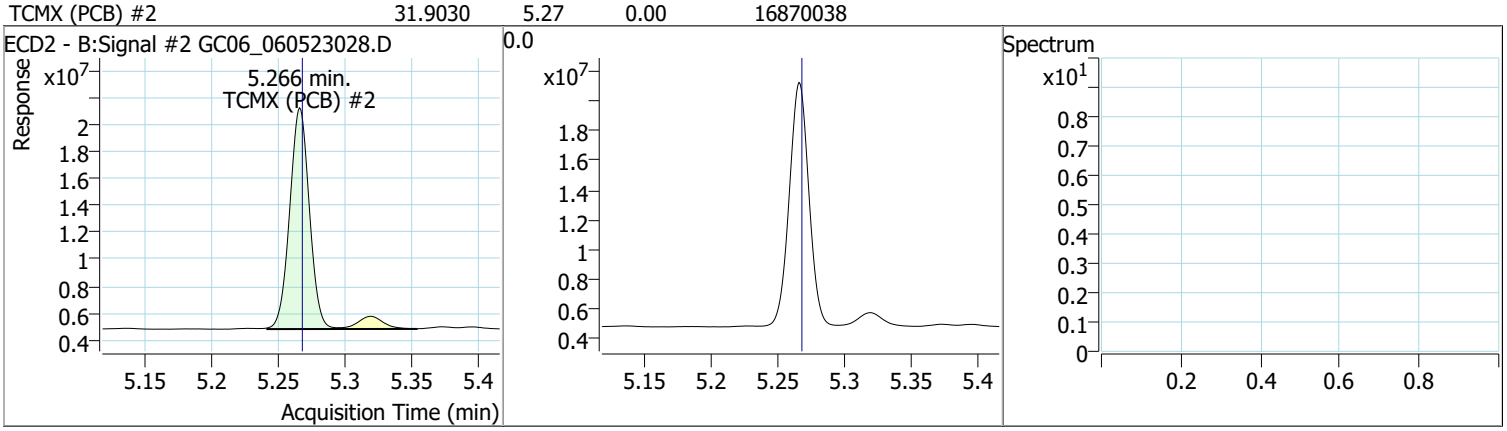
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	32.4370	4.90	0.00	6208890				



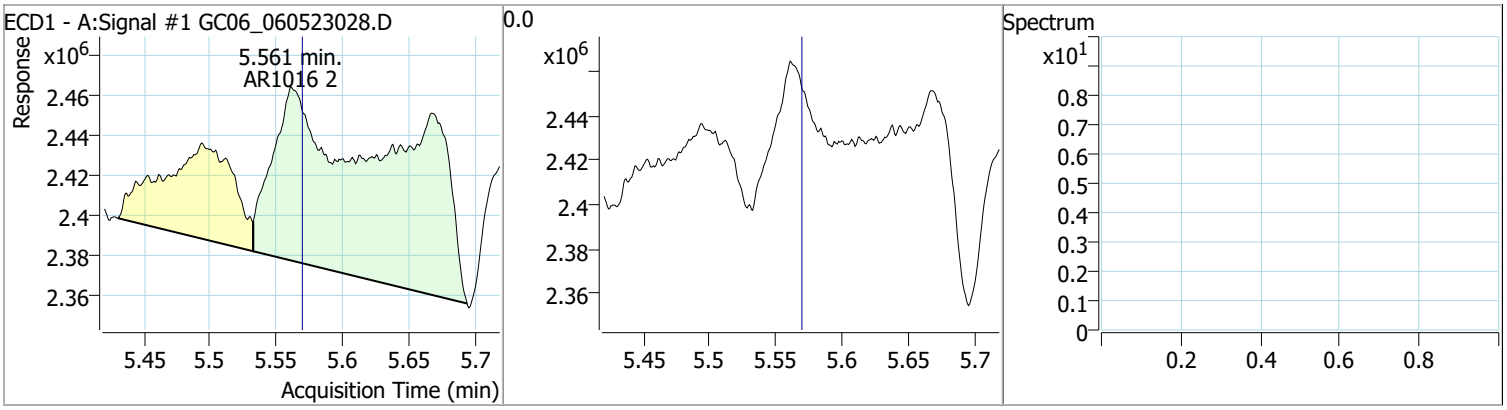
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	175.2599	5.27	0.03	702179				



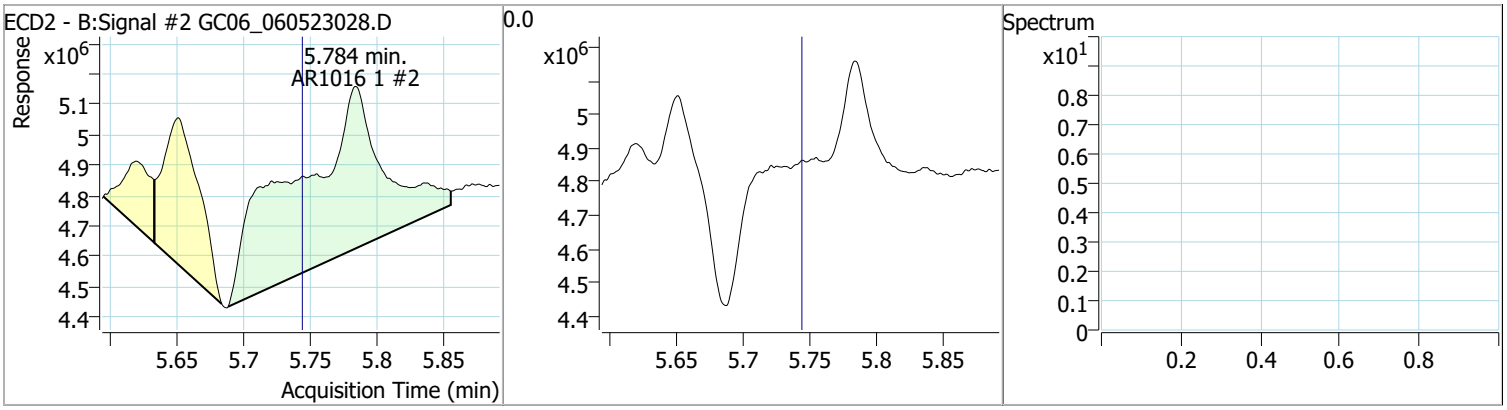
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB) #2	31.9030	5.27	0.00	16870038				



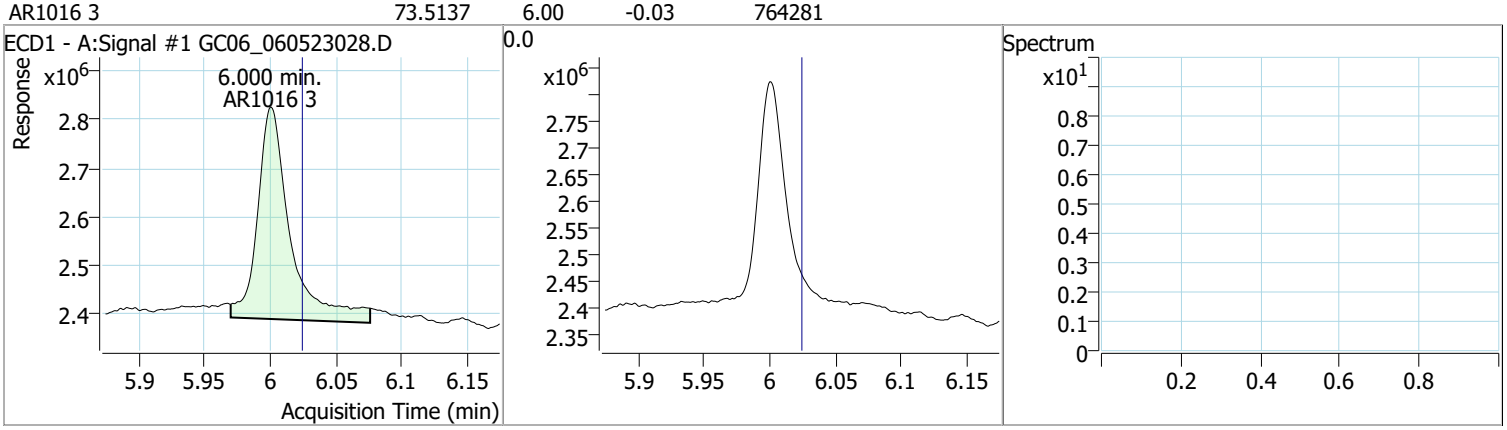
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	73.4876	5.56	-0.01	597745				



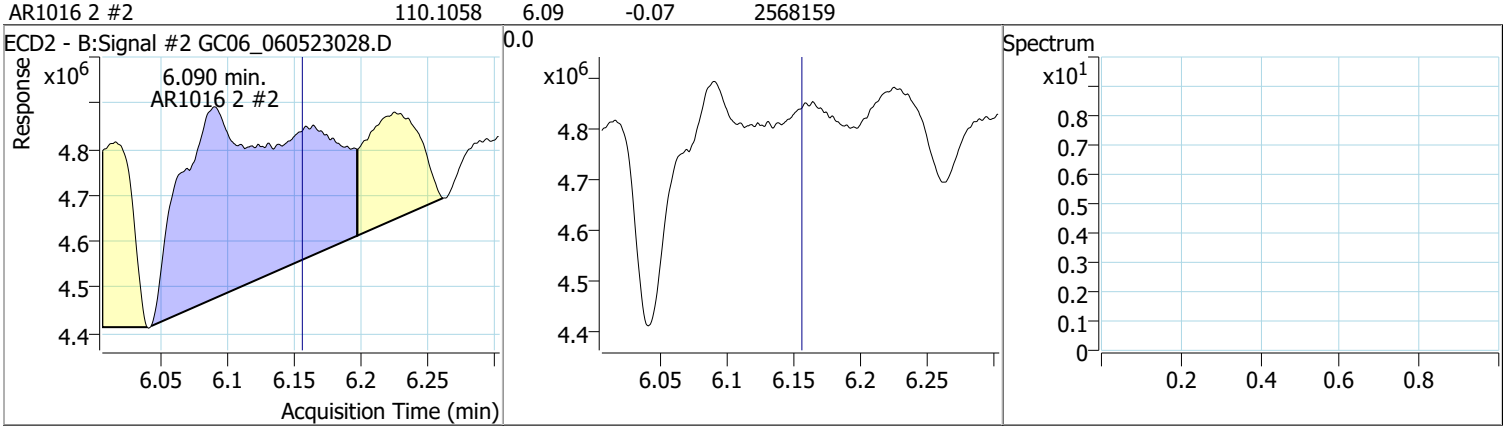
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1 #2	247.6302	5.78	0.04	2571216				



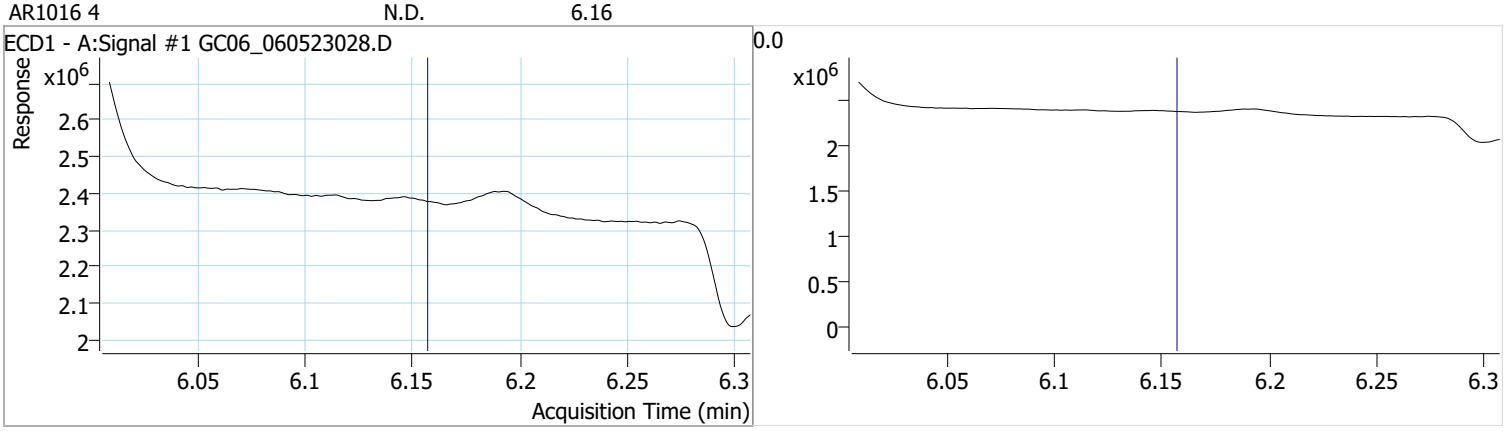
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	73.5137	6.00	-0.03	764281				



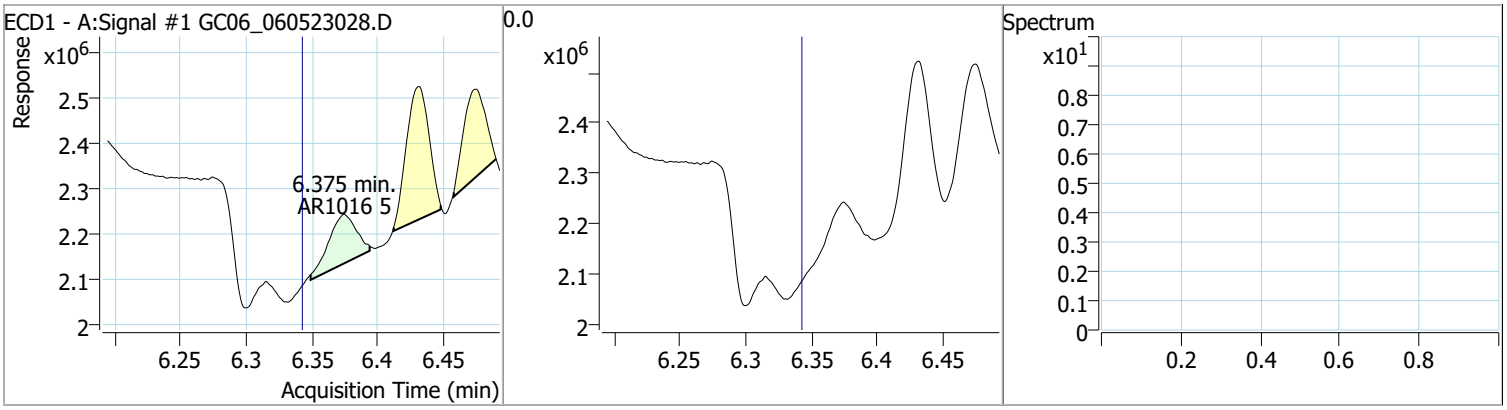
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	110.1058	6.09	-0.07	2568159				



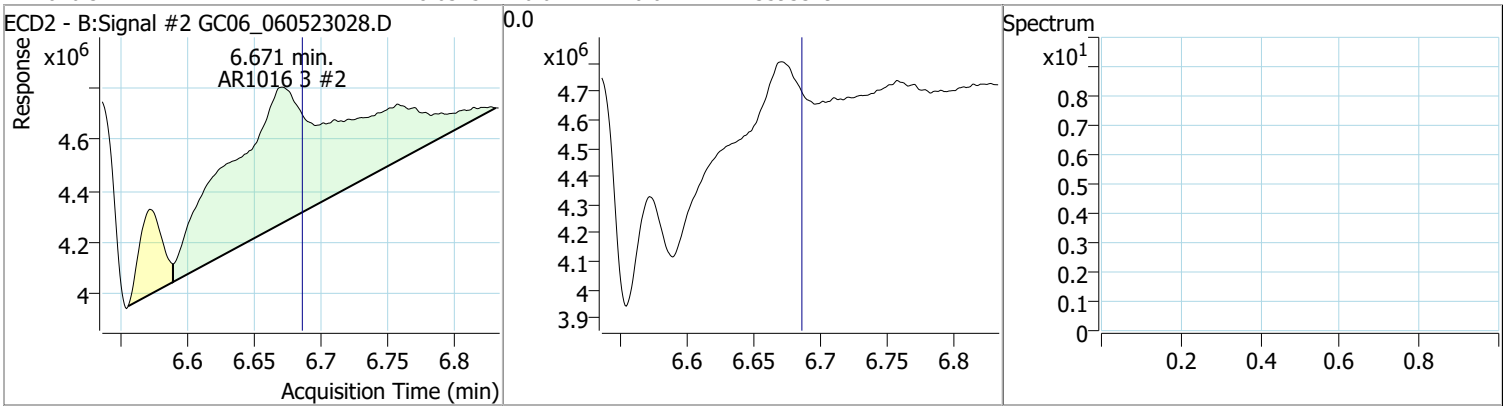
Compound	Conc.	Exp RT	QIon	Exp Ratio
AR1016 4	N.D.	6.16		



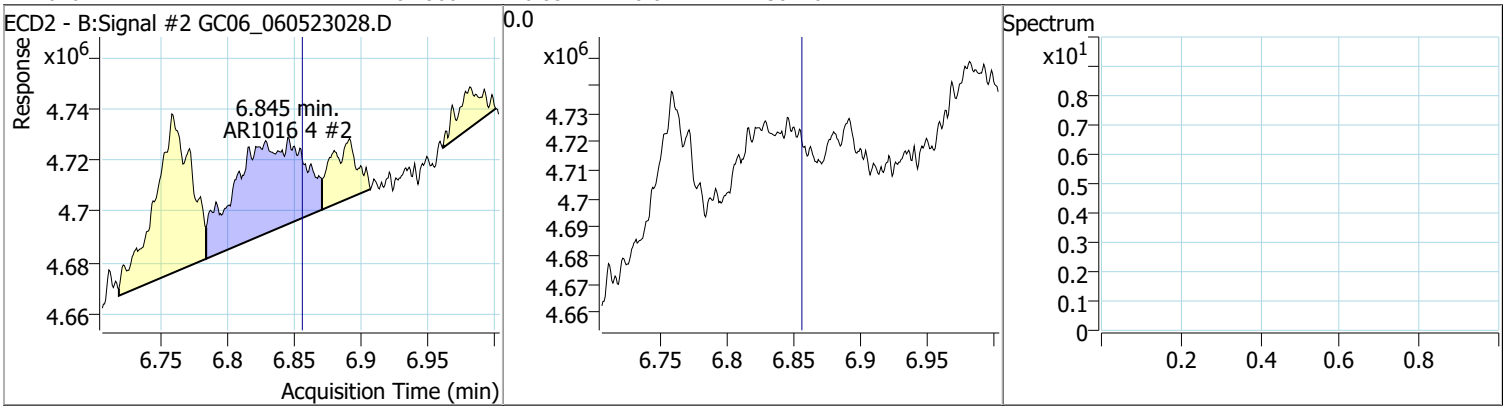
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	33.4741	6.38	0.03	160425				



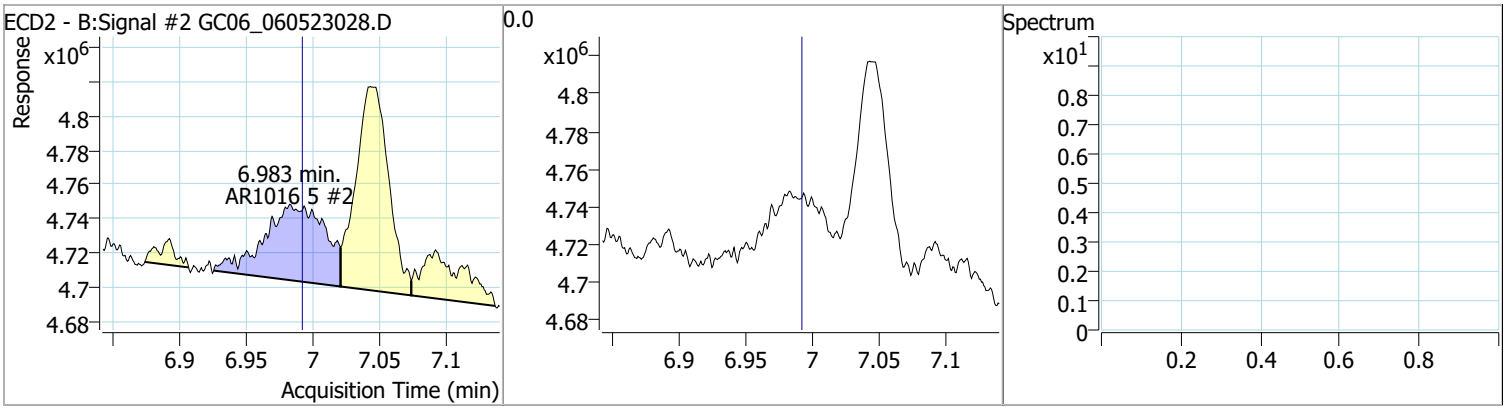
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	128.0315	6.67	-0.01	3593349				



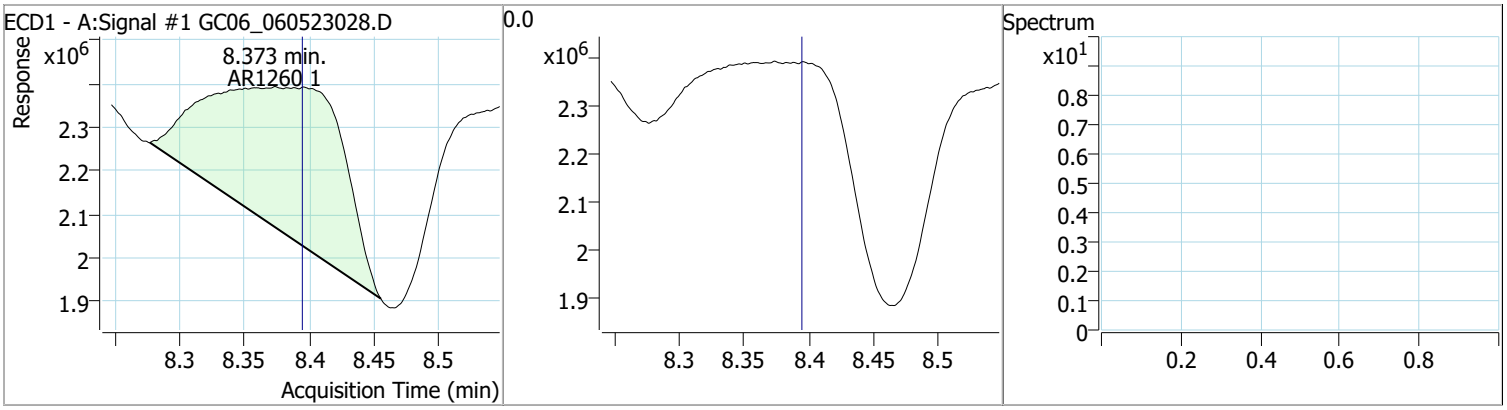
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4 #2	6.4566	6.85	-0.01	130426				



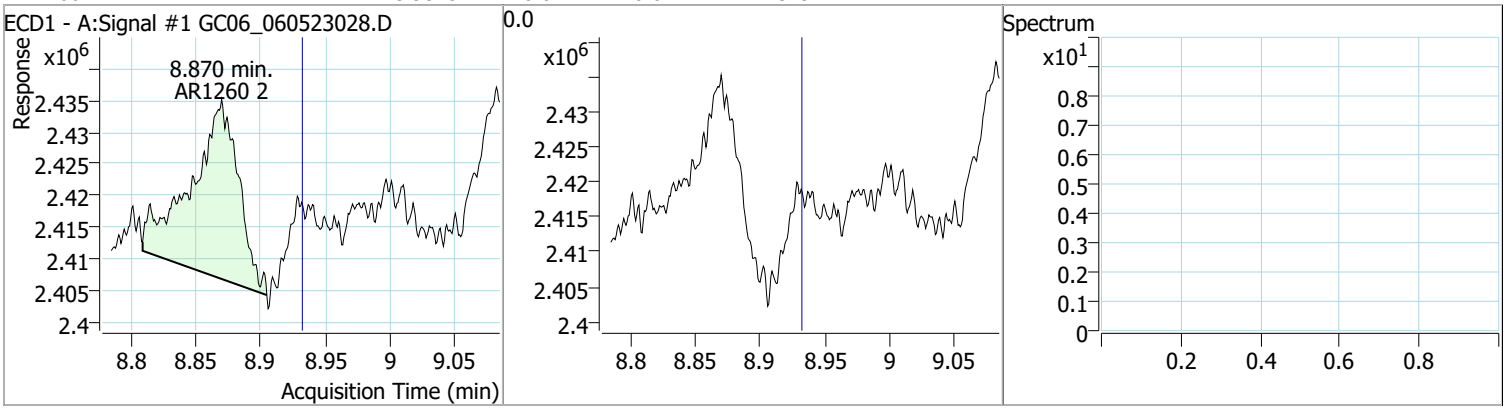
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	13.3025	6.98	-0.01	143338				



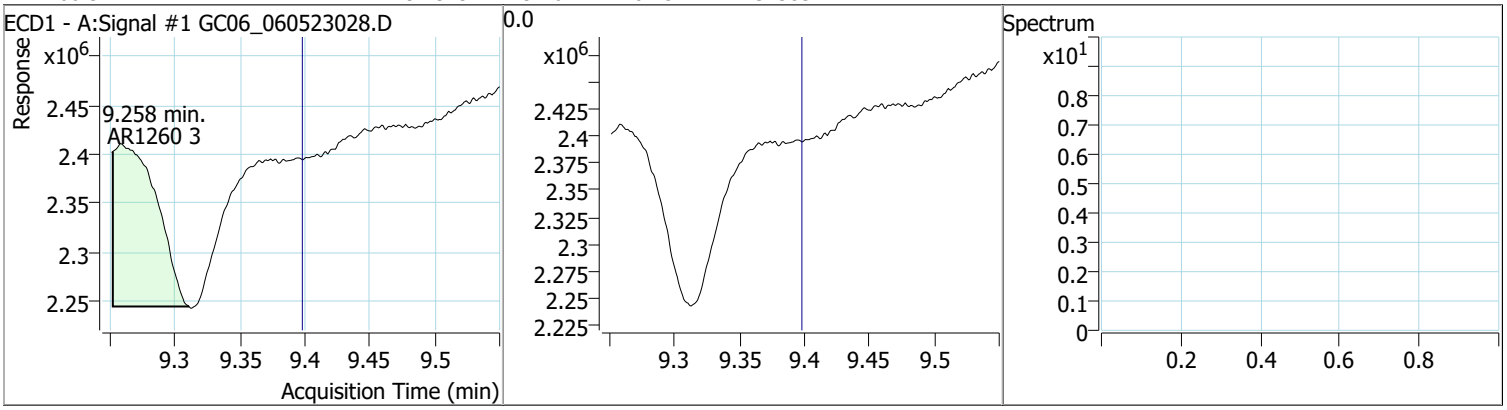
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	202.7055	8.37	-0.03	2407894				



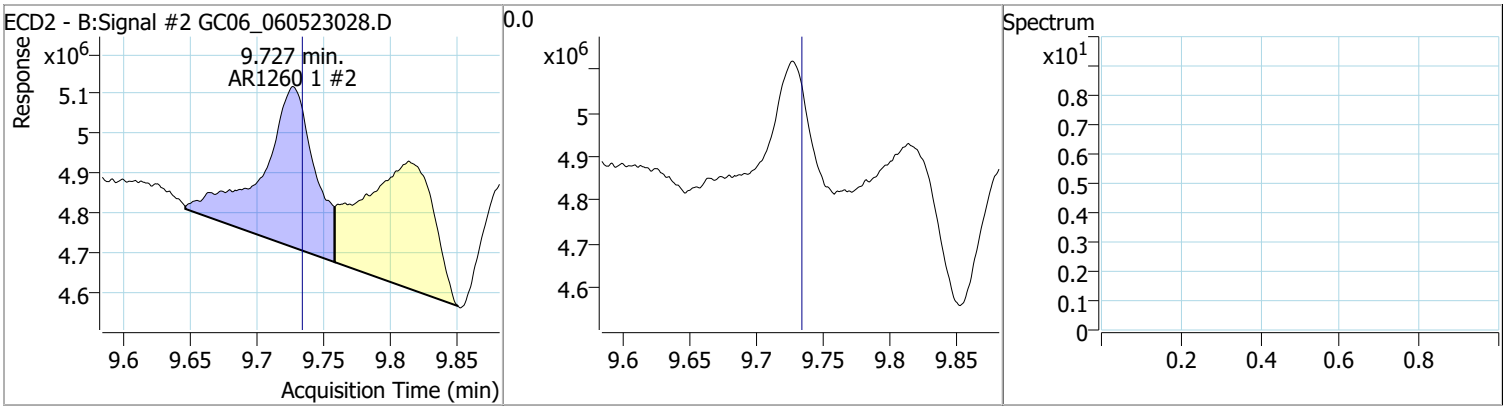
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	3.9345	8.87	-0.07	71349				



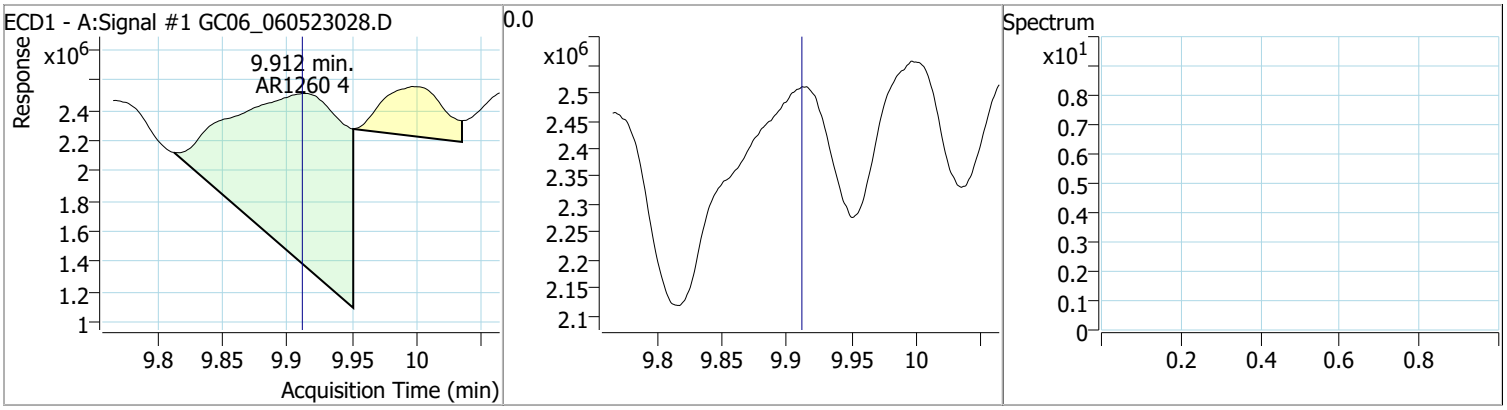
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3	19.2929	9.26	-0.15	373837				



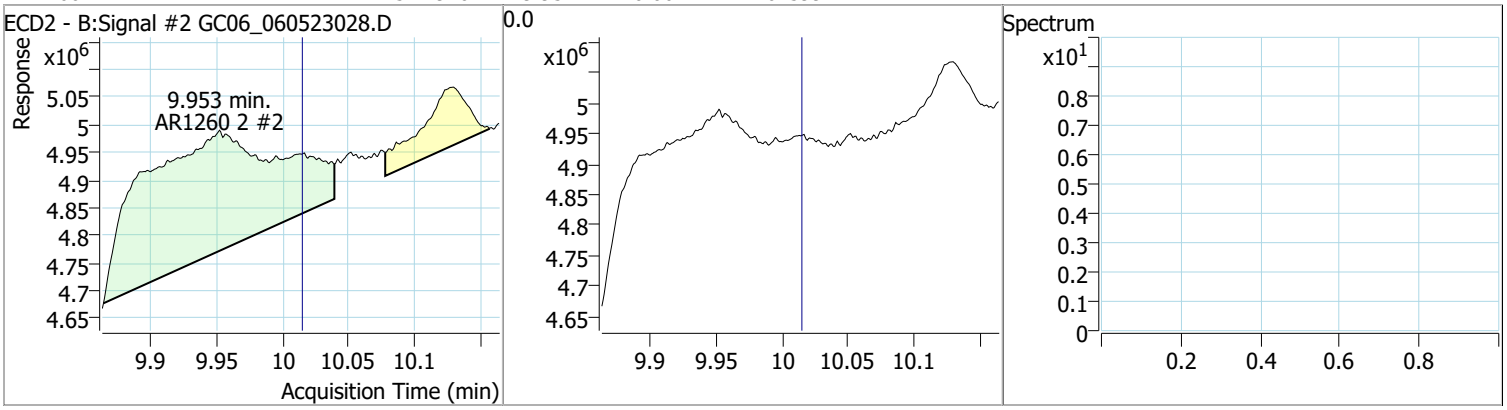
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1 #2	39.9808	9.73	-0.01	1124002				



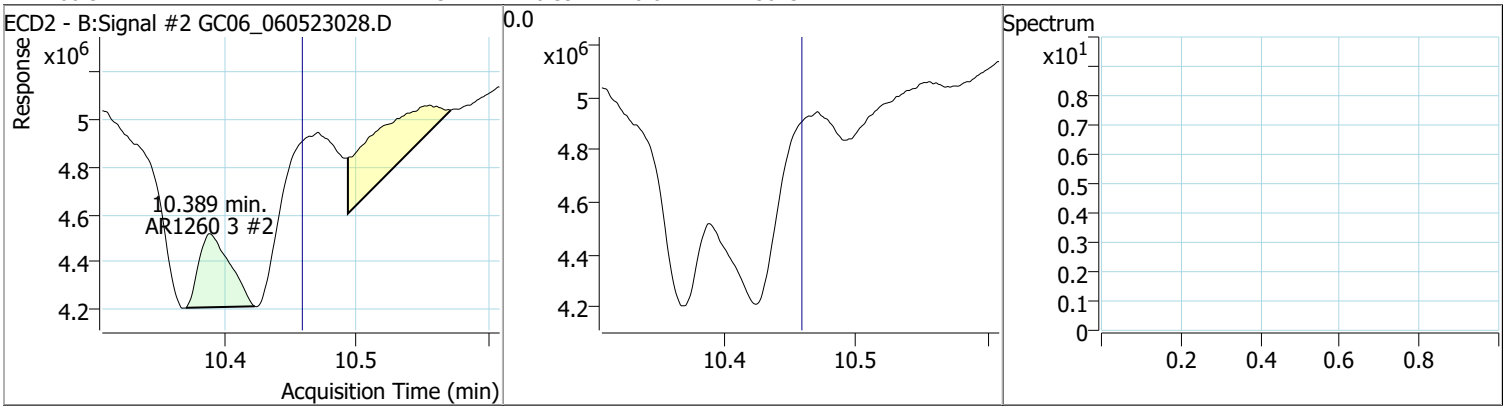
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4	597.4092	9.91	-0.01	6306750				



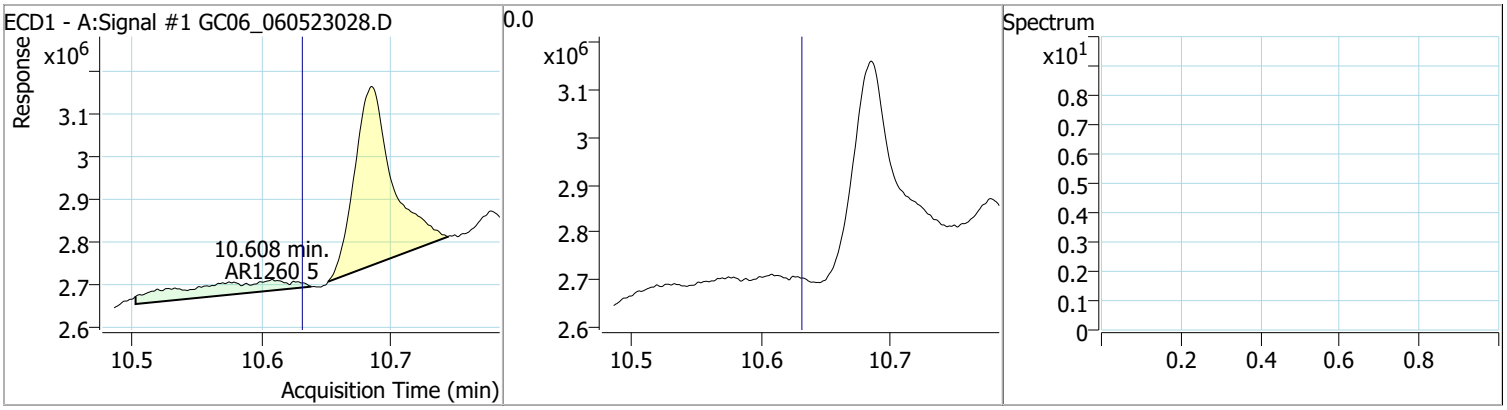
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	51.2970	9.95	-0.06	1625992				



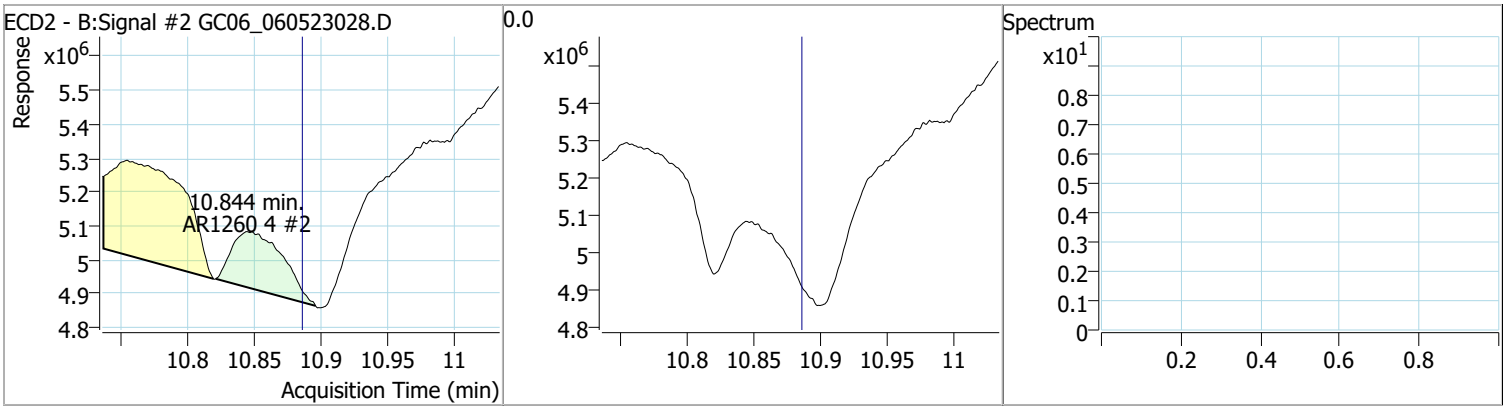
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3 #2	12.4327	10.39	-0.07	504312				



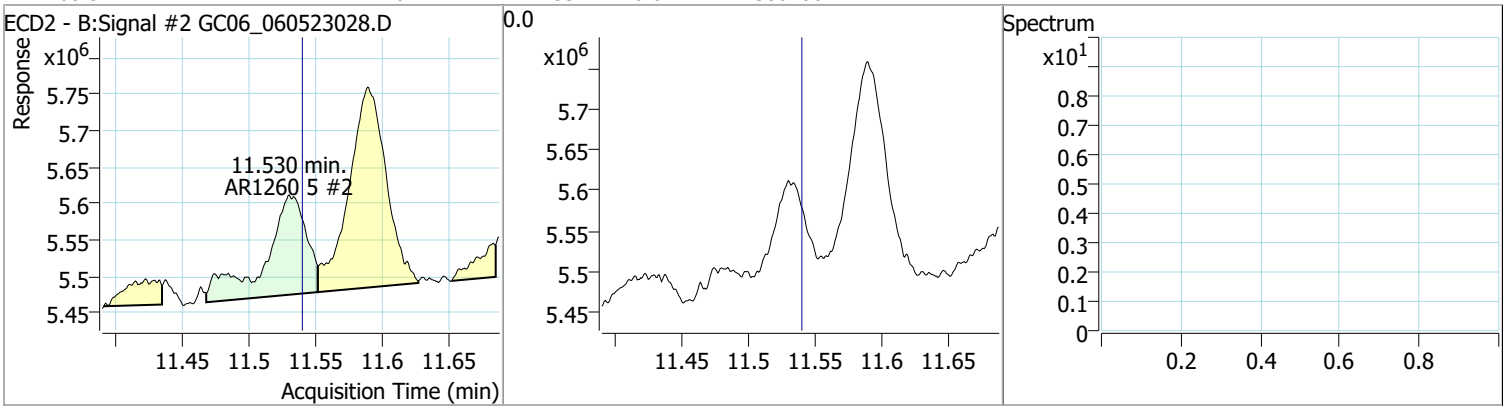
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	10.7322	10.61	-0.03	179145				



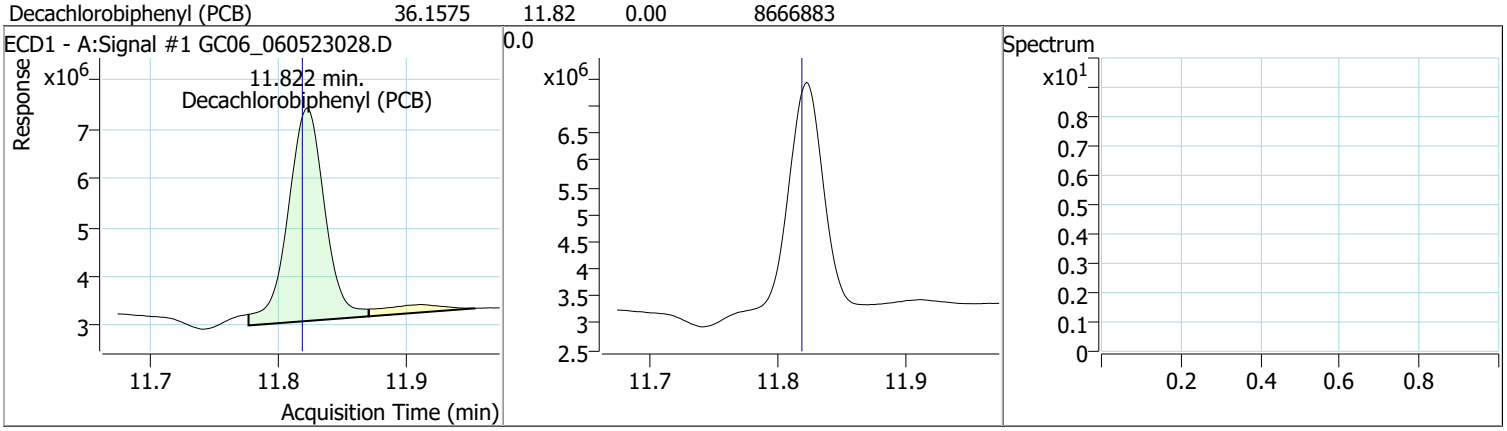
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	19.2660	10.84	-0.04	456467				



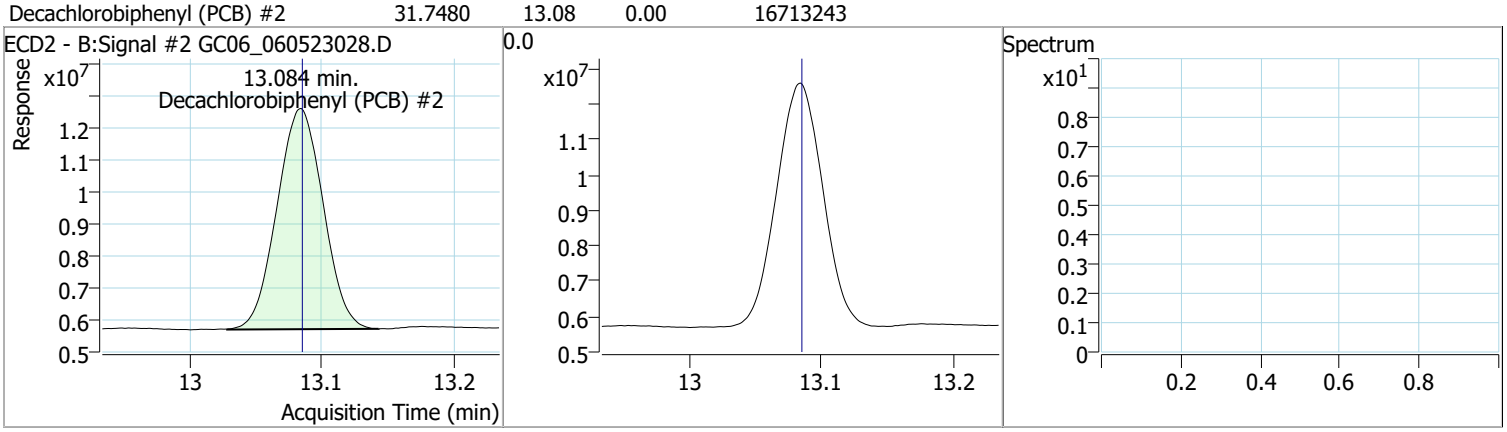
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	8.7417	11.53	-0.01	300206				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	36.1575	11.82	0.00	8666883				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	31.7480	13.08	0.00	16713243				



ENTHALPY SAMPLE USER REPORT FOR EPA 8082

Inst:	SVOA-GC06	Lab ID:	486134-004	Client ID:	AFRAME-C6E-LAT-L3-UP-C6.7-DG-230601-P-LA
Seqnum:	453225344029	Matrix:	Wipe	Acct:	RINCON-BERK (JG)
File:	gc06_060523029	Batch:	315386	Time:	05-JUN-2023 19:55
Cal:	453205686001	Caldate:	22-MAY-2023		
IDF:	1.0	Raw Units:	ug/L	Units:	ug/dm2

- 1.00 dm2 ⇨ 10.0 ml = 10.0 ml/dm2 PDF

Analyte	Ch	Raw	Result	Conf	RPD	RL	Blank	Flags
Aroclor-1016	B	40.45	ND	0.23	56%	0.50		u
Aroclor-1016 Peak # 1	B	69.90	0.70	0.27	88%			
Aroclor-1016 Peak # 2	B	108.5	1.08	0.14	155%			
Aroclor-1016 Peak # 3	B	12.18	0.12	0.62	135%			
Aroclor-1016 Peak # 4	B	2.369	0.02	ND				
Aroclor-1016 Peak # 5	B	9.338	0.09	0.10	6%			
Aroclor-1221	B		ND			0.50		u
Aroclor-1232	B		ND			0.50		u
Aroclor-1242	B		ND			0.50		u
Aroclor-1248	B		ND			0.50		u
Aroclor-1254	B		ND			0.50		u
Aroclor-1260	B	20.19	ND	0.67	107%	0.50		u
Aroclor-1260 Peak # 1	B	14.85	0.15	1.85	170%			
Aroclor-1260 Peak # 2	B	48.05	0.48	0.03	179%			
Aroclor-1260 Peak # 3	B	0	ND	0.13				
Aroclor-1260 Peak # 4	B	17.06	0.17	1.30	153%			
Aroclor-1260 Peak # 5	B	21.02	0.21	0.03	154%			
Aroclor-1262	B		ND			0.50		u
Aroclor-1268	B		ND			0.50		u

Surrogate	Ch	Raw	Spiked	Result	%Rec	Limits	Flags
TCMX (PCB)	B	27.55	0.5000	0.2755	55	19-121	c- u
Decachlorobiphenyl (PCB)	B	25.66	0.5000	0.2566	51	19-121	u

NO INTERNAL STANDARD REFERENCE RUN FOUND FOR CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV(internal standard: 1BR2NITROBZ1268, 1BR2NITROBZ1262, 1BR2NITROBZ1232, 1BR2NITROBZ1242, 1BR2NITROBZ1221)

ISTD (CCV gc06_060523003)	Ch	CCV Abund	SAMPLE Abund	%Drift
1-bromo-2-nitrobenzene (PCB)	B	8992413	10684306	18.81
1-bromo-2-nitrobenzene (PCB)	A	3431466	3811253	11.07

ISTD (ICAL gc06_060523009)	Ch	ICAL Abund	SAMPLE Abund	%Drift
1-bromo-2-nitrobenzene (1254)	B	9894264	**???**	**-100.00 ***
1-bromo-2-nitrobenzene (1254)	A	3688197	**???**	**-100.00 ***

ISTD (ICAL gc06_060523010)	Ch	ICAL Abund	SAMPLE Abund	%Drift
1-bromo-2-nitrobenzene (1248)	A	3562631	**???**	**-100.00 ***
1-bromo-2-nitrobenzene (1248)	B	9640375	**???**	**-100.00 ***

NO INTERNAL STANDARD REFERENCE RUN FOUND FOR CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV(internal standard: 1BR2NITROBZ1268, 1BR2NITROBZ1262, 1BR2NITROBZ1232, 1BR2NITROBZ1242, 1BR2NITROBZ1221)

ISTD (CCV gc06_060523003)	Ch	CCV RT	SAMPLE RT	Drift
1-bromo-2-nitrobenzene (PCB)	B	4.36	4.35	-0.01
1-bromo-2-nitrobenzene (PCB)	A	4.13	4.13	0.00

ISTD (ICAL gc06_060523009)	Ch	ICAL RT	SAMPLE RT	Drift
1-bromo-2-nitrobenzene (1254)	B	4.36	**???**	
1-bromo-2-nitrobenzene (1254)	A	4.13	**???**	

ISTD (ICAL gc06_060523010)	Ch	ICAL RT	SAMPLE RT	Drift
1-bromo-2-nitrobenzene (1248)	A	4.13	**???**	
1-bromo-2-nitrobenzene (1248)	B	4.36	**???**	

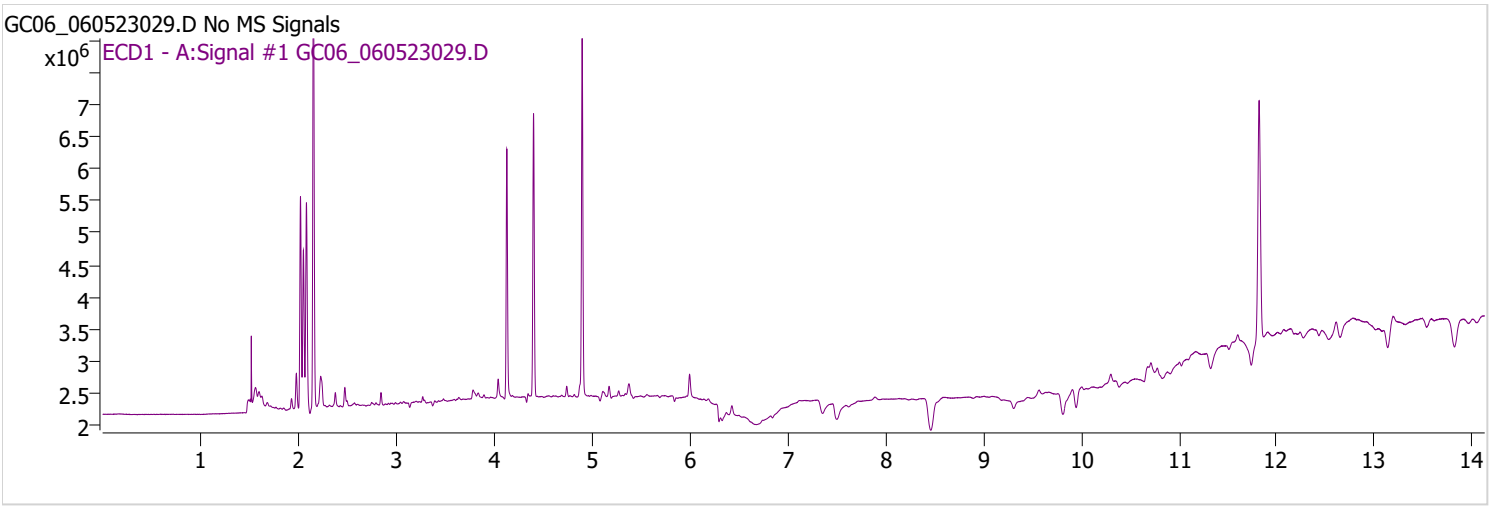
06/08/23 : WIPE/1DM^2-10ML

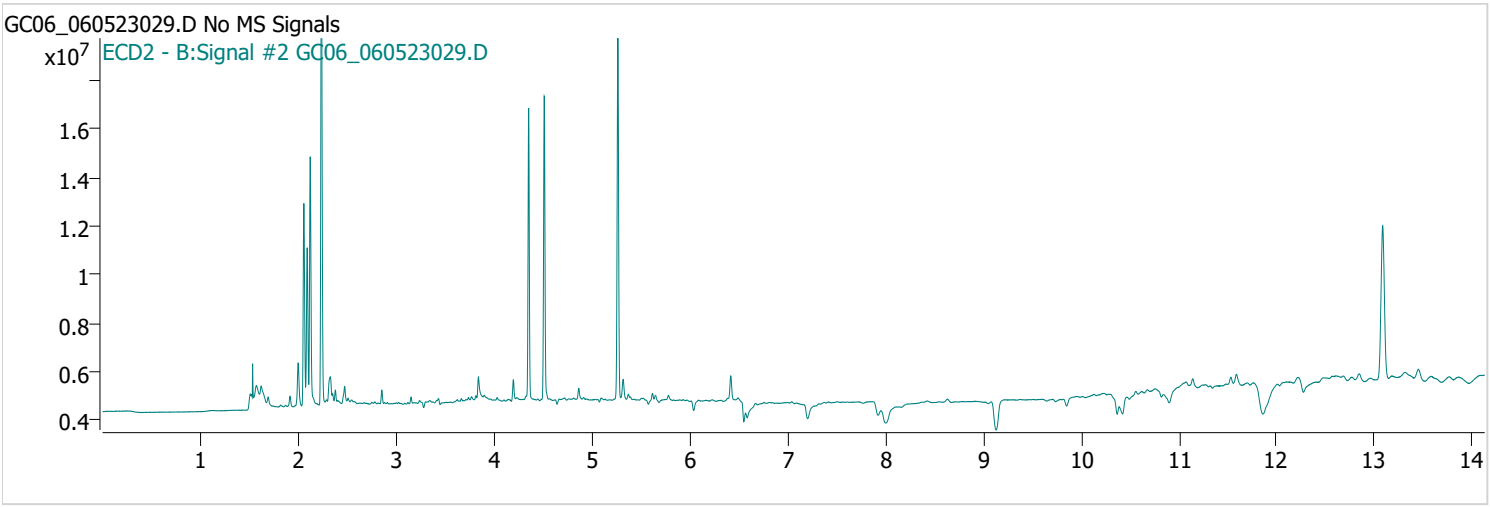
-=low bias c=CCV u=use

Analyst: MES 06/08/23 **Reviewer:** MTS 06/08/23

Quantitation Results Report (Not Reviewed)

Data File	GC06_060523029.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	6/5/2023 7:55:32 PM
Sample Name	486134-004, 315386, 1	Instrument	SVOA-GC06
Vial	16	Multiplier	1.00
DA Method File	PCB_608_052323_GC06_9.m	Comment	WIPE/1DM^2-10ML
Tune File	ATUNE.U	Tune Date	
Batch Name	060523PCB.batch.bin	Last Calib Update	5/23/2023 1:46:10 PM
Ref Library			



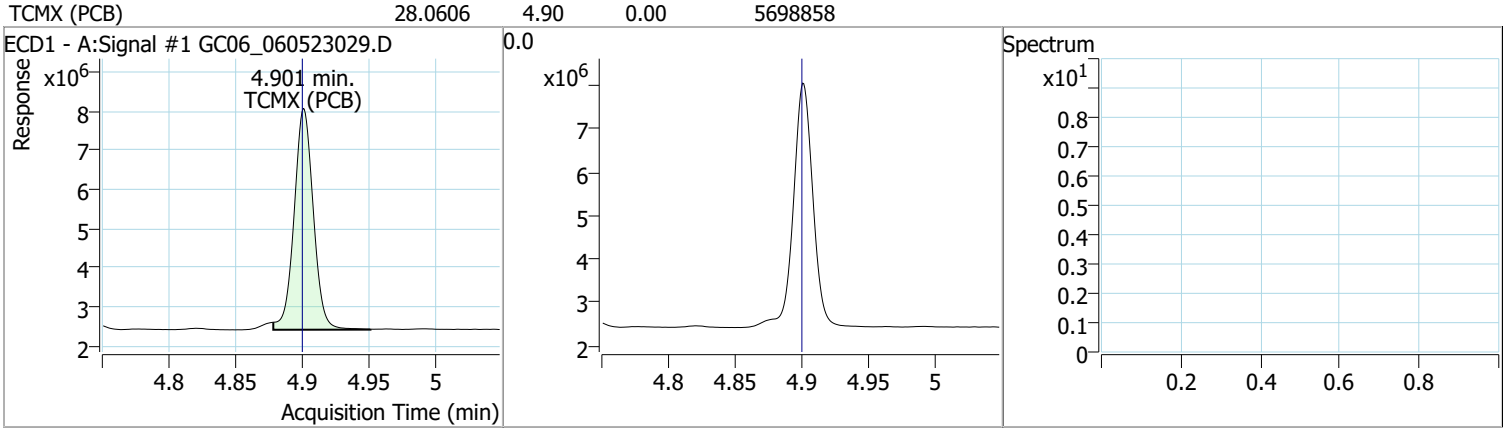


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1-bromo-2-nitrobenzene (PCB)	4.131	0.0	3811252.835	20.0000	ng/ml		-0.003
M 1-bromo-2-nitrobenzene (PCB) #2	4.354	0.0	10684306.331	20.0000	ng/ml		-0.001
System Monitoring Compounds							
S TCMX (PCB)	4.901	0.0	5698858.492	28.0606	ng/ml		-0.002
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 140.30%			
S TCMX (PCB) #2	5.266	0.0	15612343.590	27.5470	ng/ml		-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 137.74%			
S Decachlorobiphenyl (PCB)	11.820	0.0	7958788.270	31.2942	ng/ml		-0.006
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 156.47%		*	
S Decachlorobiphenyl (PCB) #2	13.083	0.0	14479925.693	25.6633	ng/ml		-0.002
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 128.32%			
Target Compounds							QValue

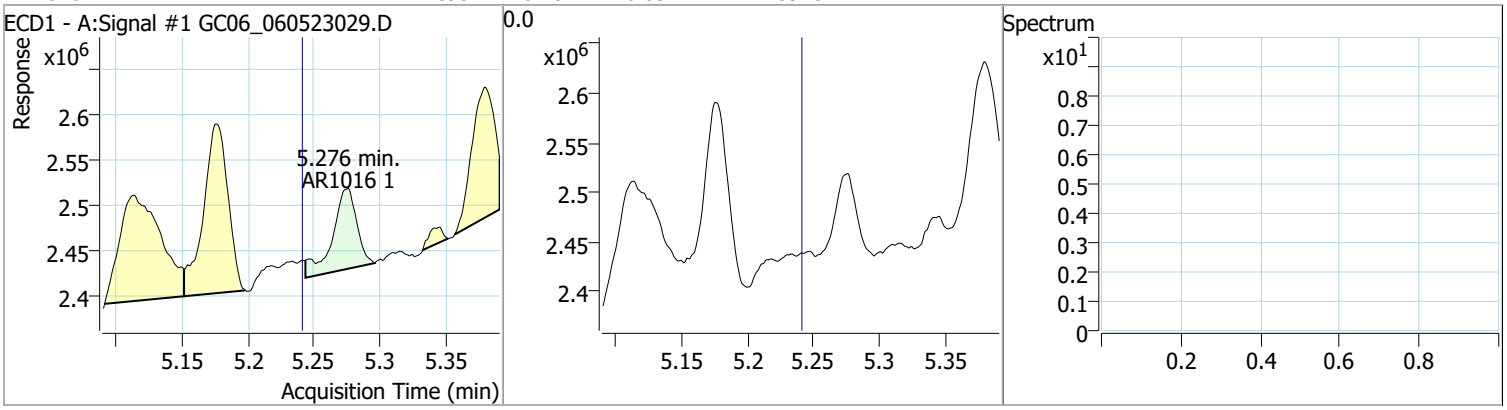
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T AR1016 1	5.276	0.0	115919.805	27.2693	ng/ml	100
T AR1016 2	5.563	0.0	118815.482	13.7674	ng/ml	100
T AR1016 1 #2	5.783	0.0	777938.812	69.9039	ng/ml	100
T AR1016 3	5.999	0.0	687908.449	62.3632	ng/ml	100
T AR1016 2 #2	6.230	0.0	2711752.136	108.4750	ng/ml	100
T AR1016 4	0.000		0	N.D.		
T AR1016 5	6.314	0.0	50555.823	9.9424	ng/ml	100
T AR1016 3 #2	6.571	0.0	366276.721	12.1764	ng/ml	100
T AR1016 4 #2	6.844	0.0	51283.175	2.3687	ng/ml	100
T AR1016 5 #2	7.003	0.0	107838.520	9.3377	ng/ml	100
T AR1260 1	8.394	0.0	2332463.923	185.0655	ng/ml	100
T AR1260 2	8.933	0.0	51971.272	2.7011	ng/ml	100
T AR1260 3	9.455	0.0	266158.270	12.9461	ng/ml	100
T AR1260 1 #2	9.708	0.0	447324.446	14.8456	ng/ml	100
T AR1260 4	9.911	0.0	1452188.895	129.6497	ng/ml	100
T AR1260 2 #2	9.958	0.0	1632366.259	48.0488	ng/ml	100
T AR1260 3 #2	0.000		0	N.D.		
T AR1260 5	10.603	0.0	48782.291	2.7544	ng/ml	100
T AR1260 4 #2	10.841	0.0	433144.794	17.0572	ng/ml	100
T AR1260 5 #2	11.532	0.0	773703.560	21.0206	ng/ml	100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

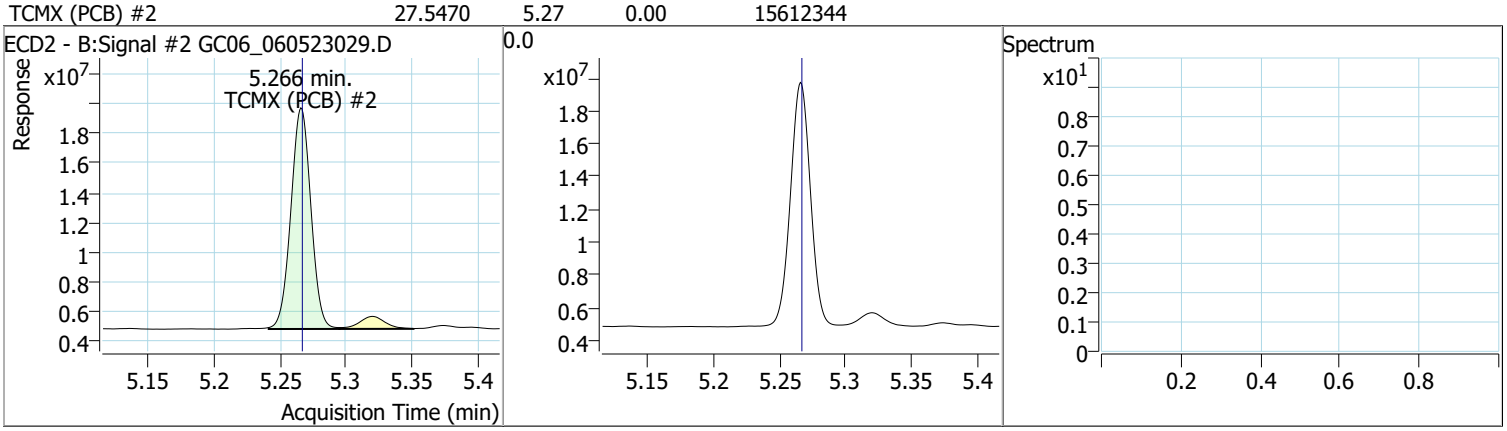
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	28.0606	4.90	0.00	5698858				



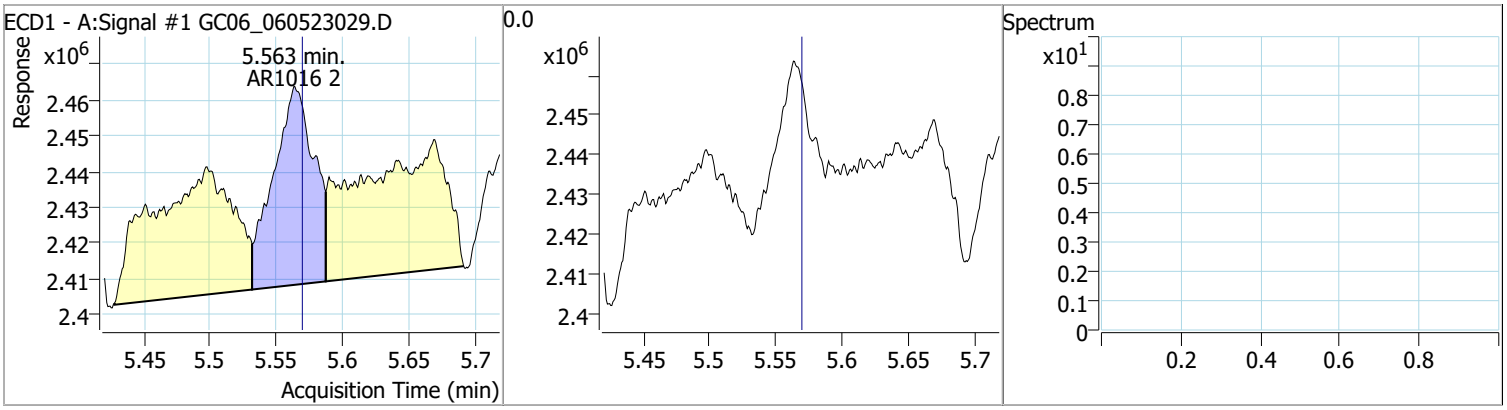
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	27.2693	5.28	0.03	115920				



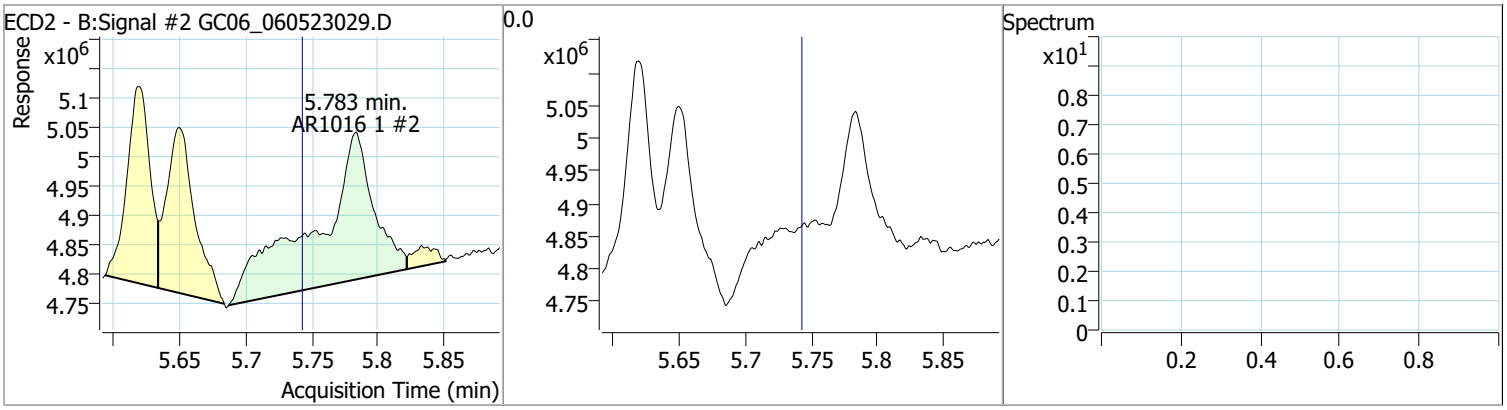
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB) #2	27.5470	5.27	0.00	15612344				



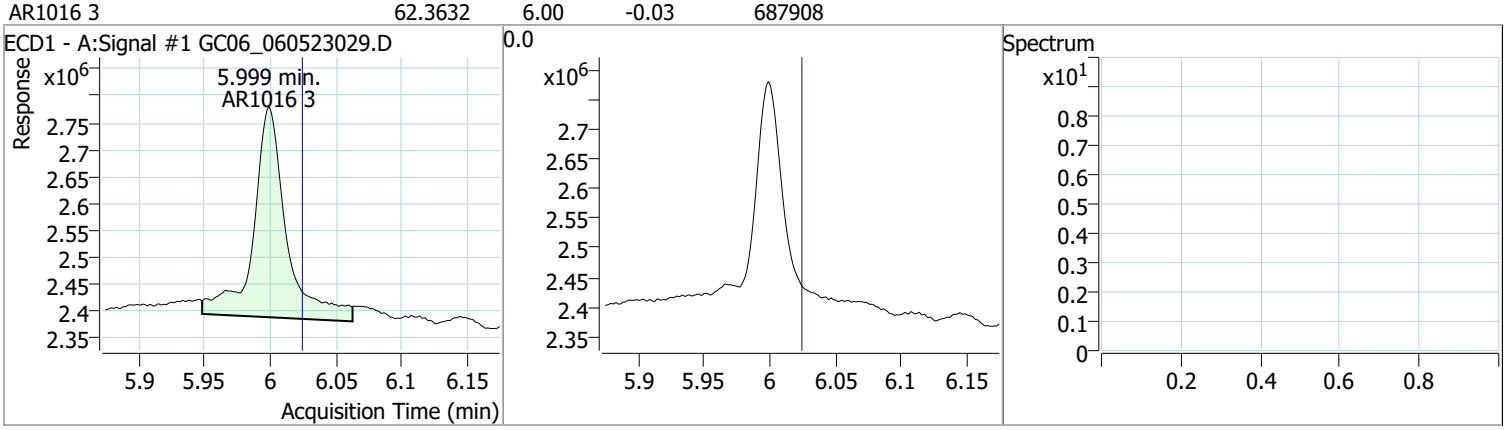
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	13.7674	5.56	-0.01	118815				



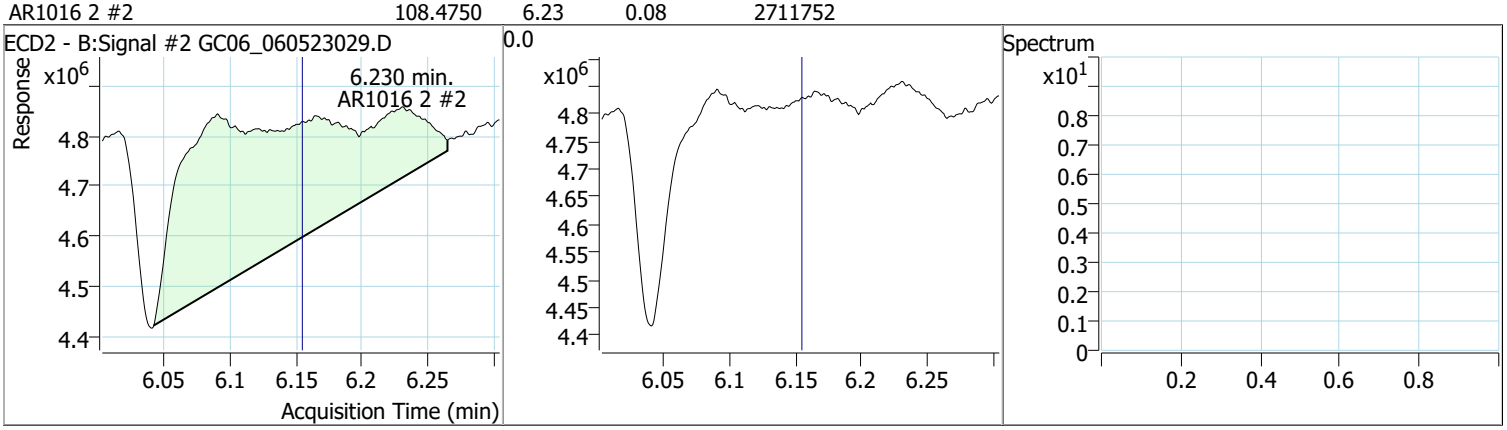
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1 #2	69.9039	5.78	0.04	777939				



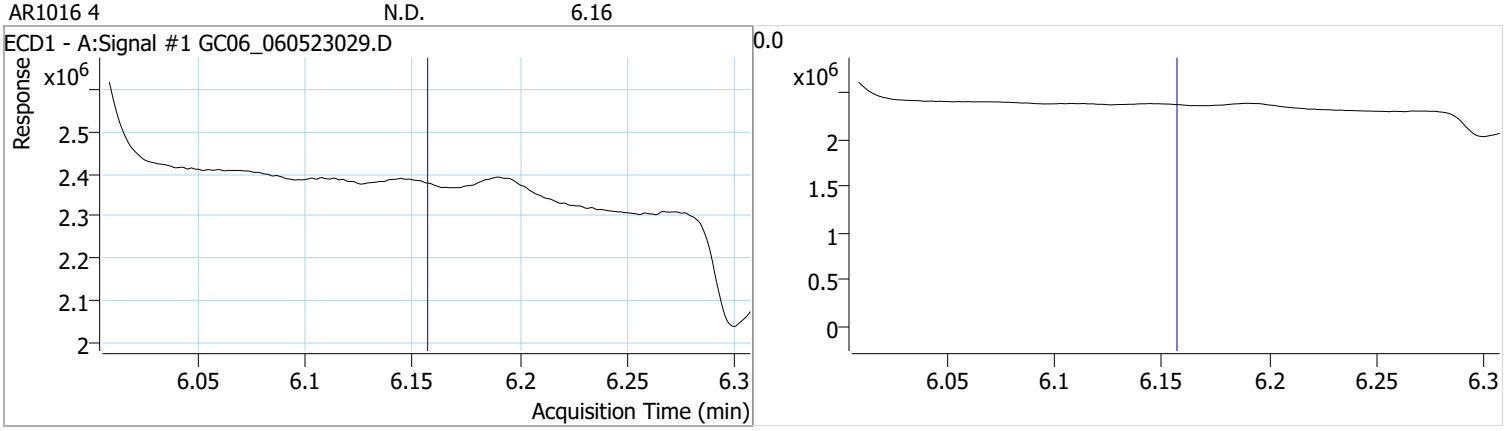
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	62.3632	6.00	-0.03	687908				



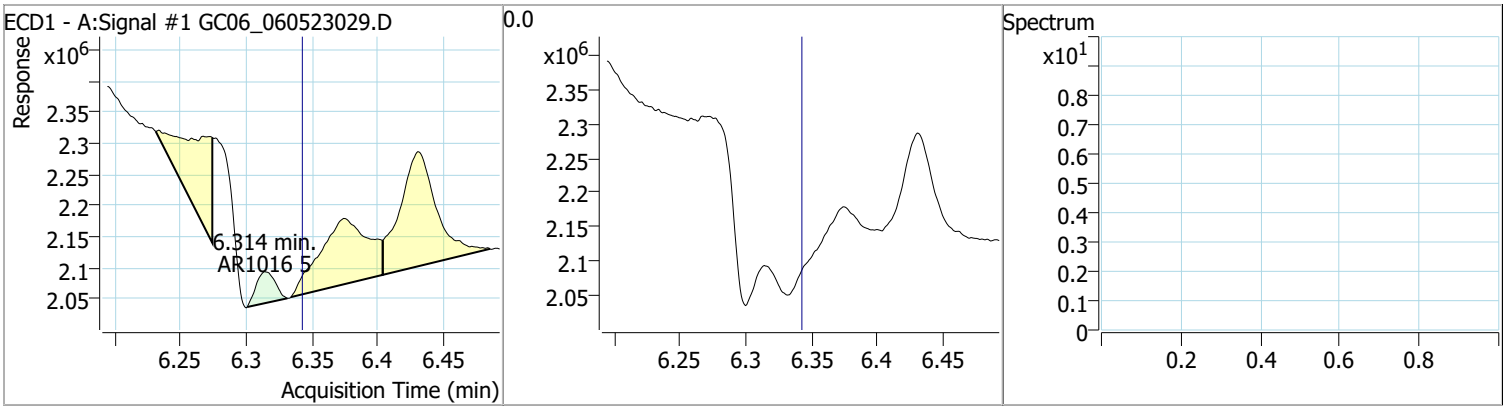
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	108.4750	6.23	0.08	2711752				



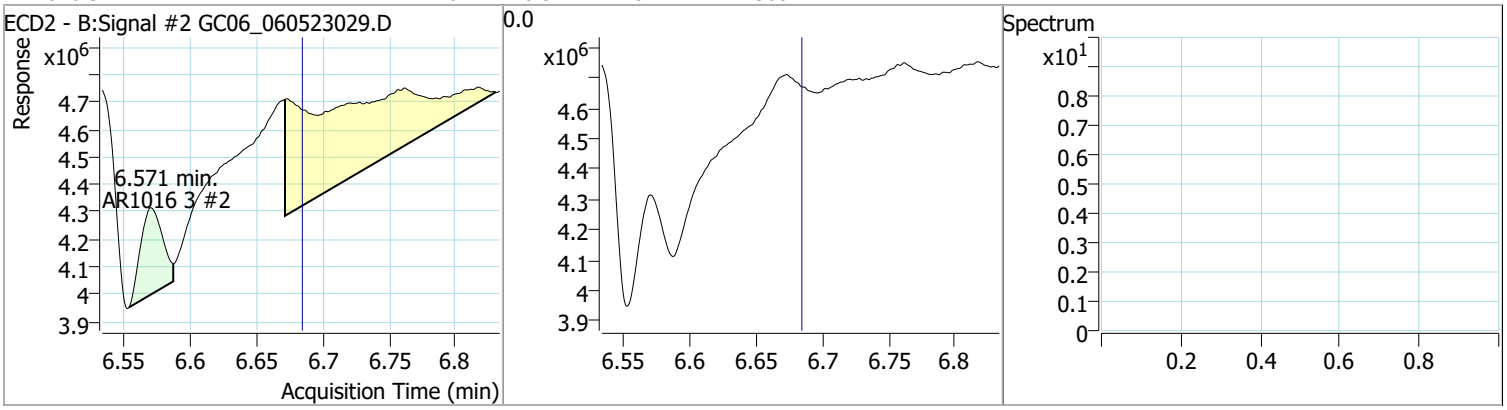
Compound	Conc.	Exp RT	QIon	Exp Ratio
AR1016 4	N.D.	6.16		



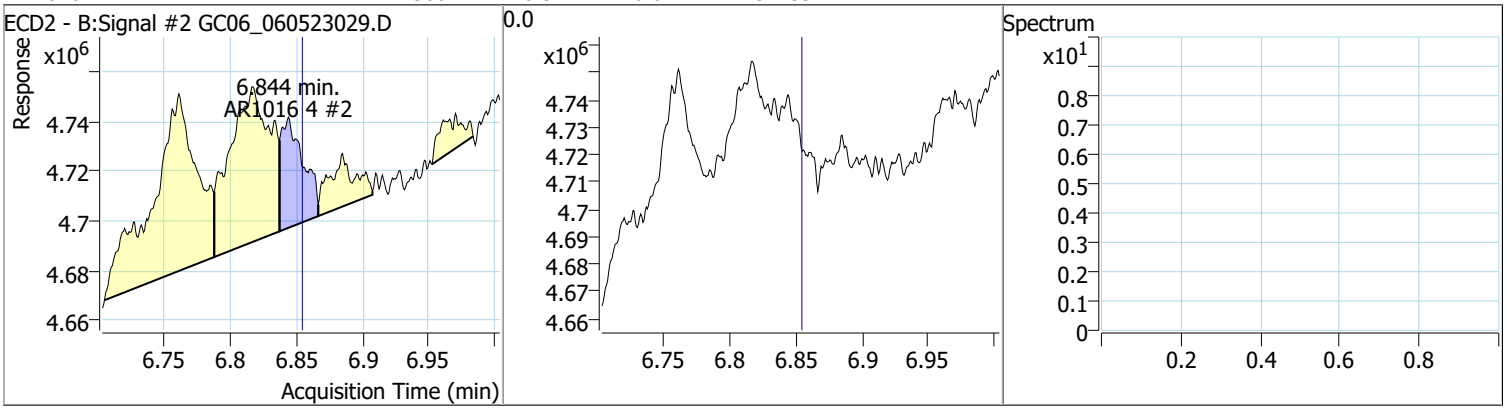
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	9.9424	6.31	-0.03	50556				



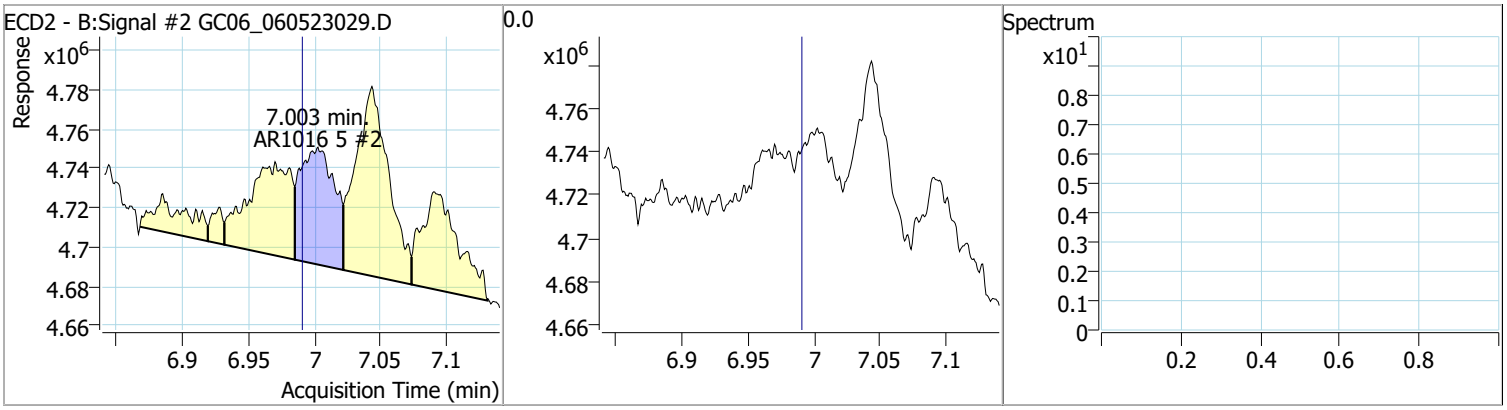
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	12.1764	6.57	-0.11	366277				



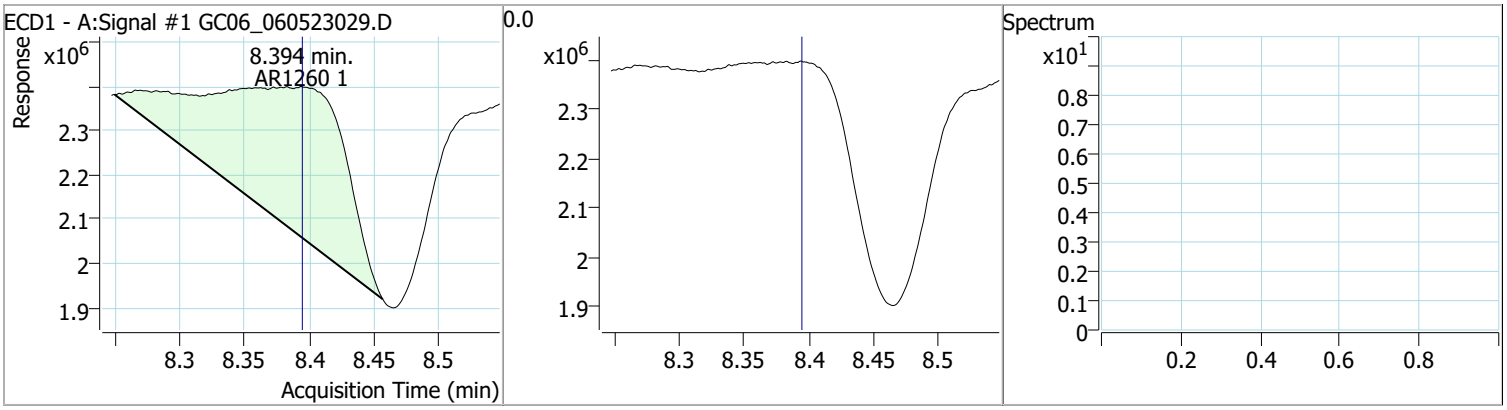
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4 #2	2.3687	6.84	-0.01	51283				



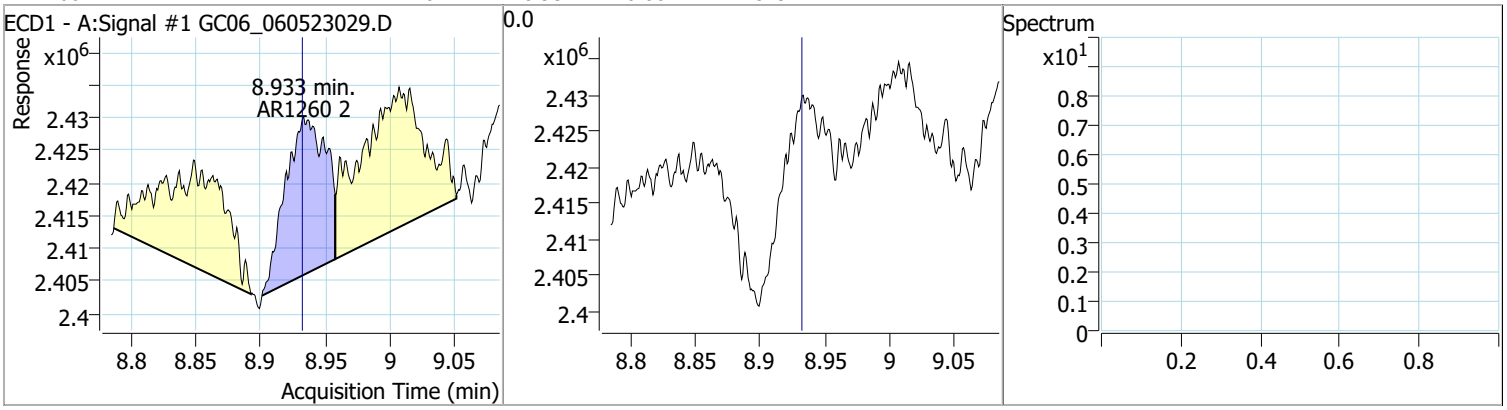
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	9.3377	7.00	0.01	107839				



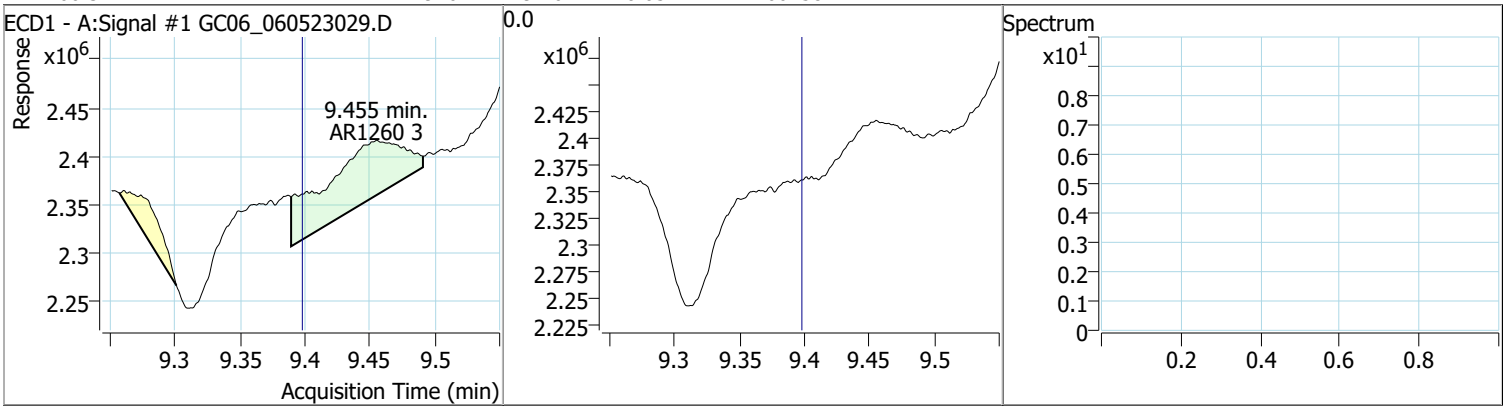
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	185.0655	8.39	-0.01	2332464				



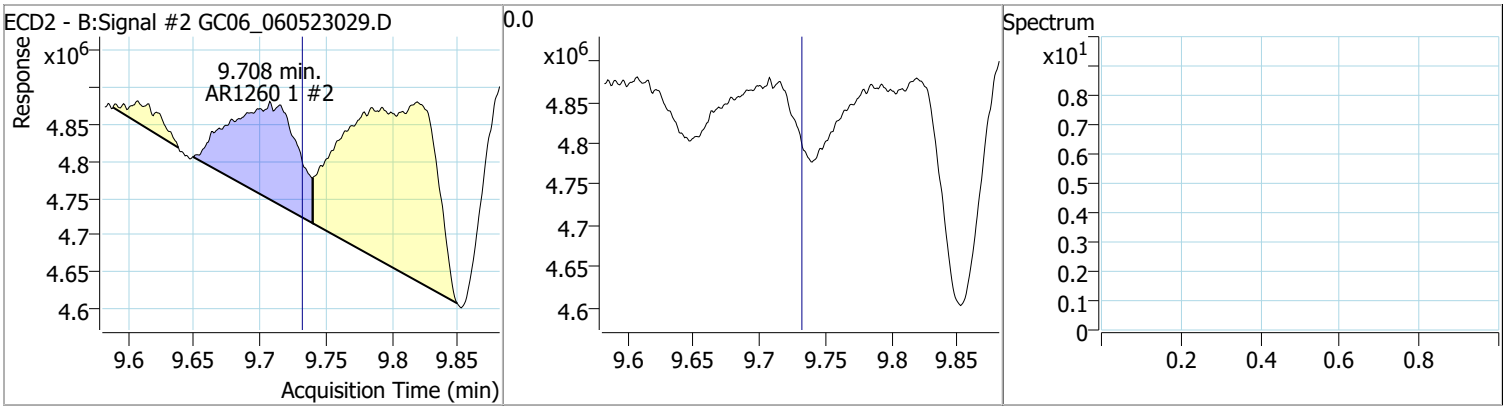
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	2.7011	8.93	0.00	51971				



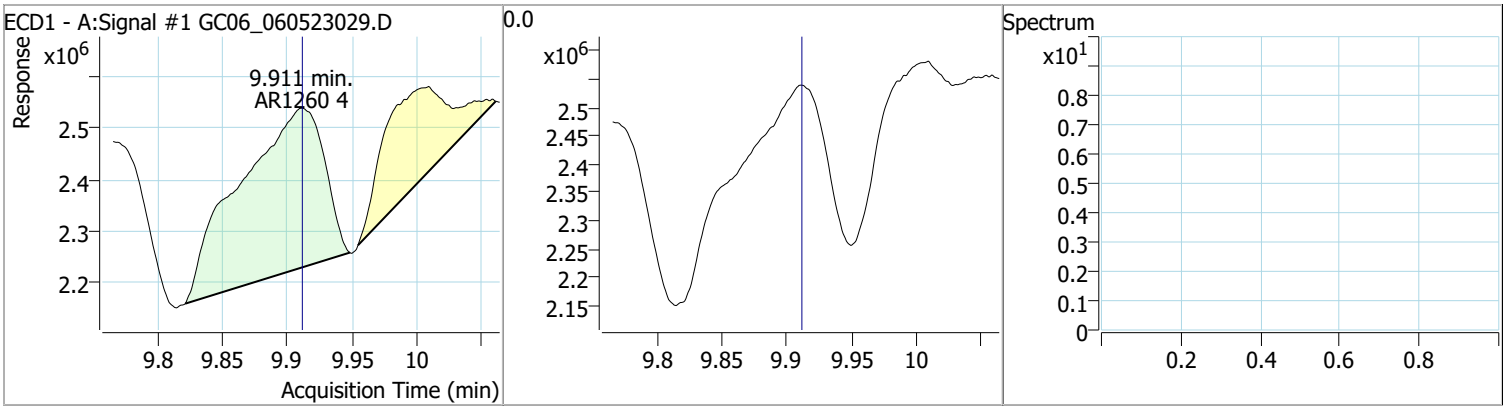
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3	12.9461	9.46	0.05	266158				



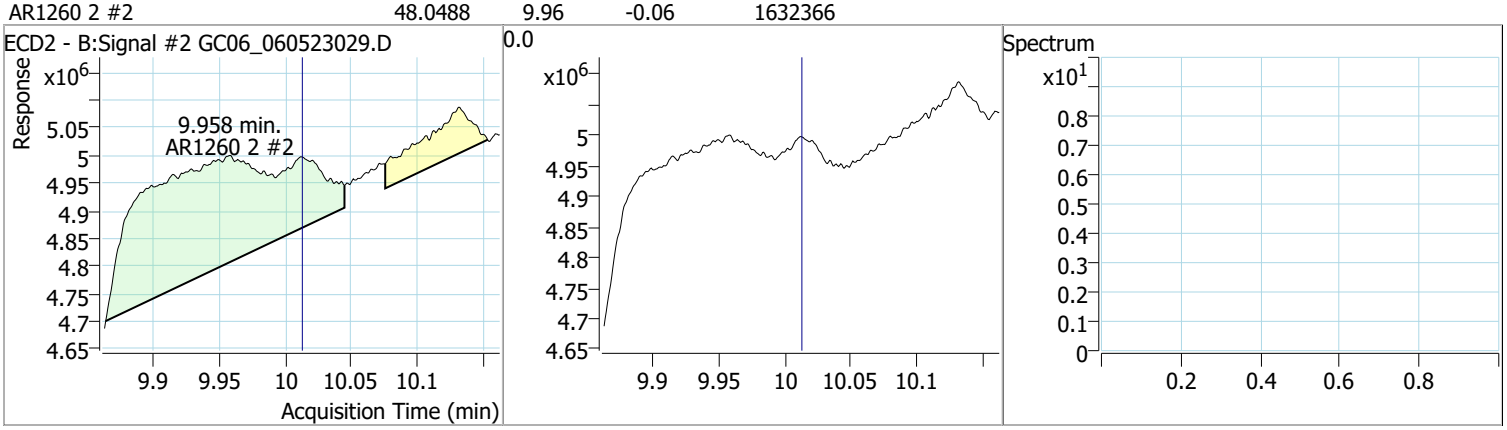
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1 #2	14.8456	9.71	-0.03	447324				



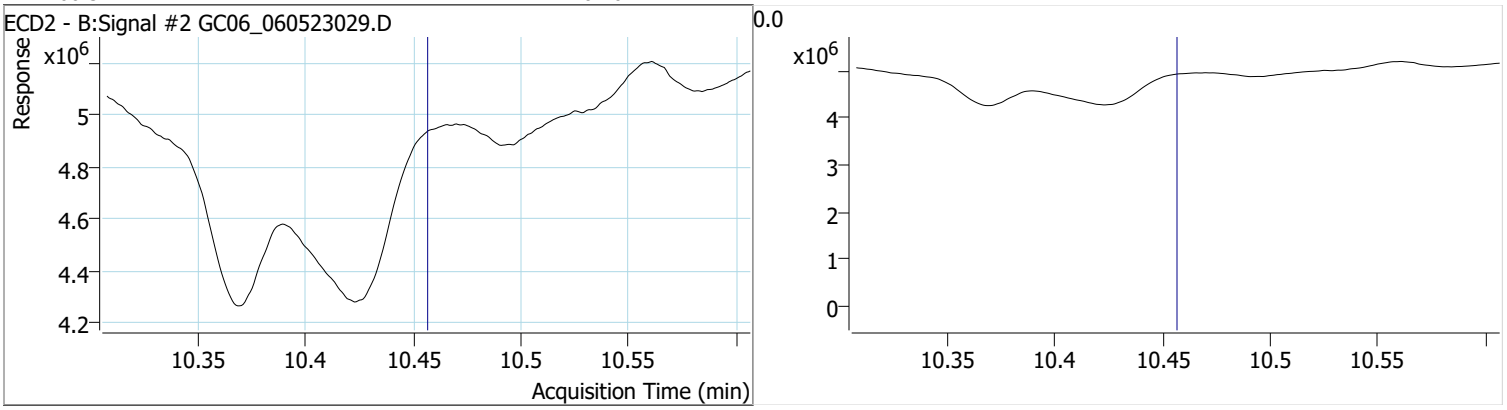
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4	129.6497	9.91	-0.01	1452189				



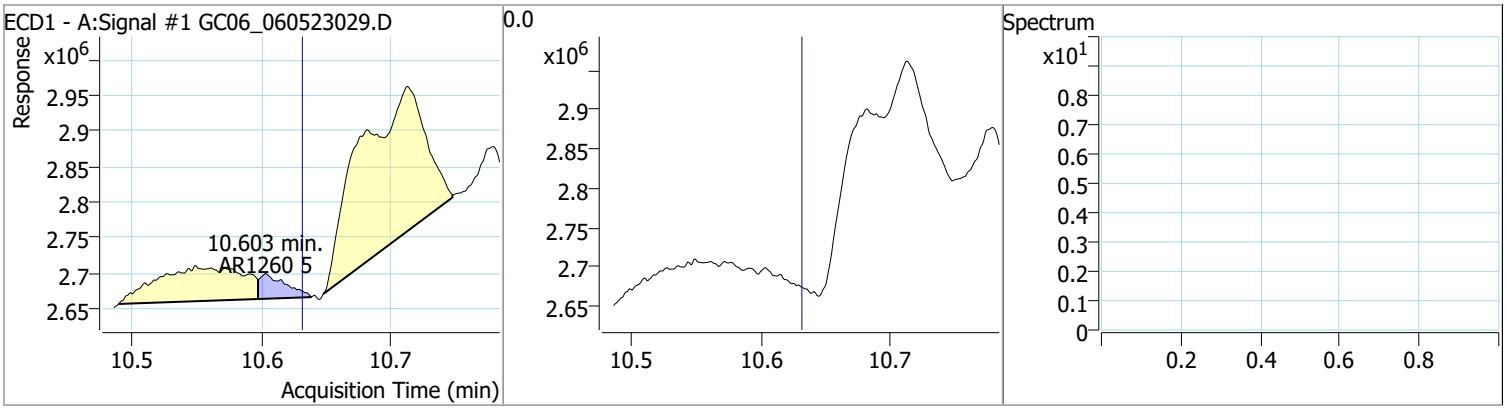
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	48.0488	9.96	-0.06	1632366				



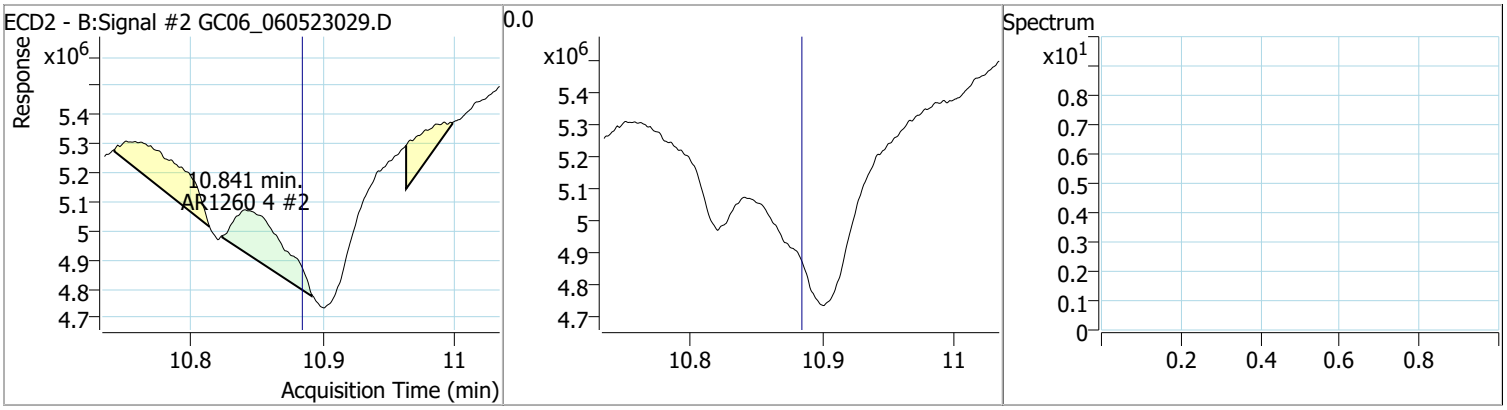
Compound	Conc.	Exp RT	QIon	Exp Ratio
AR1260 3 #2	N.D.	10.46		



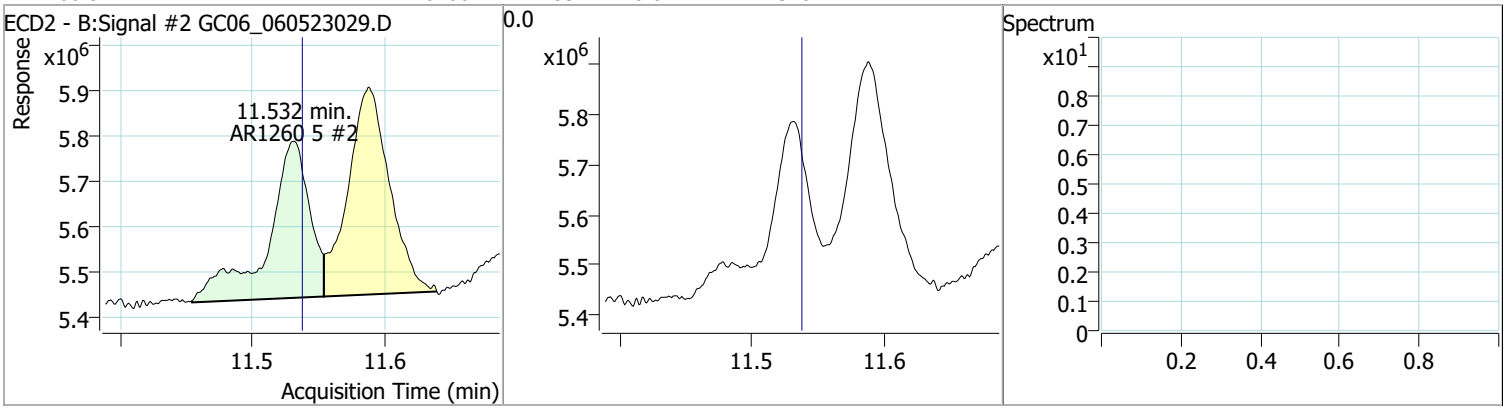
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	2.7544	10.60	-0.04	48782				



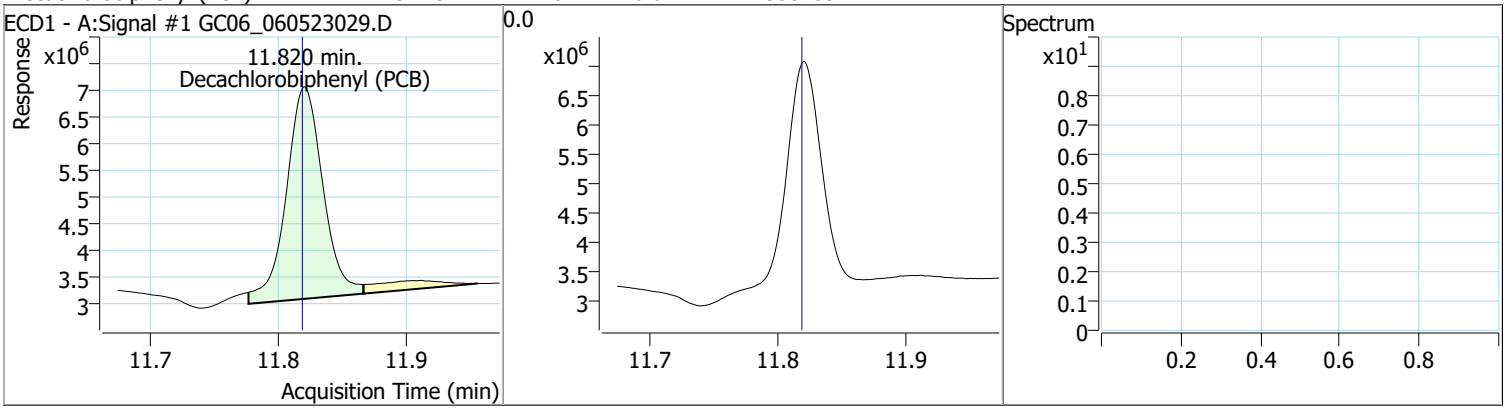
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	17.0572	10.84	-0.04	433145				



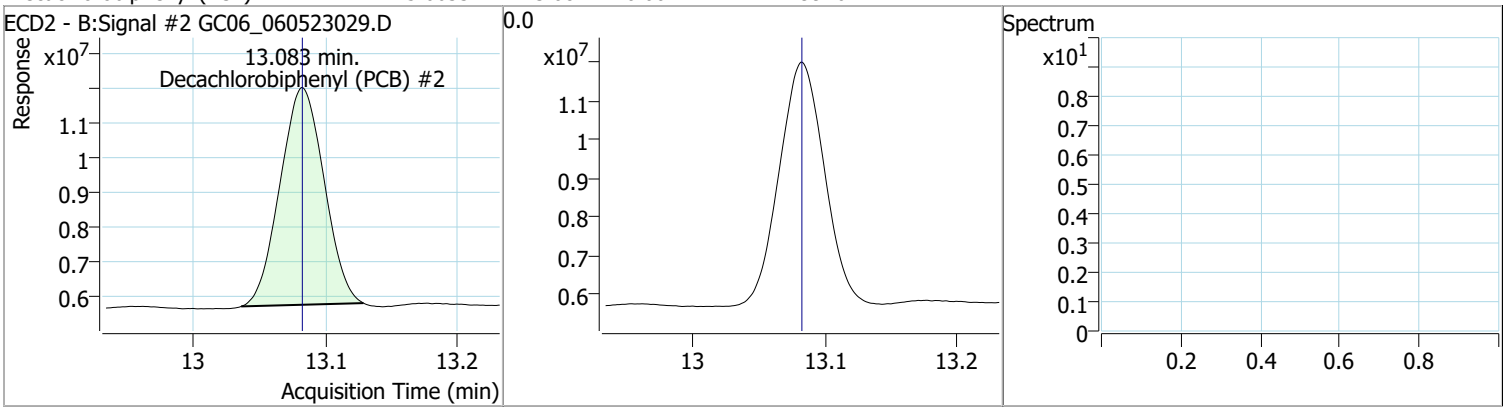
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	21.0206	11.53	-0.01	773704				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	31.2942	11.82	-0.01	7958788				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	25.6633	13.08	0.00	14479926				



ENTHALPY SAMPLE USER REPORT FOR EPA 8082

Inst:	SVOA-GC06	Lab ID:	486134-005	Client ID:	AFRAME-C6E-LAT-L3-UP-C6.7-DG-230601-P-DUP-LA
Seqnum:	453225344030	Matrix:	Wipe	Acct:	RINCON-BERK (JG)
File:	gc06_060523030	Batch:	315386	Time:	05-JUN-2023 20:13
Cal:	453205686001	Caldate:	22-MAY-2023		
IDF:	1.0	Raw Units:	ug/L	Units:	ug/dm2

- 1.00 dm2 ⇨ 10.0 ml = 10.0 ml/dm2 PDF

Analyte	Ch	Raw	Result	Conf	RPD	RL	Blank	Flags
Aroclor-1016	B	41.61	ND	0.26	46%	0.50		u
Aroclor-1016 Peak # 1	B	80.19	0.80	0.48	50%			
Aroclor-1016 Peak # 2	B	108.2	1.08	0.14	153%			
Aroclor-1016 Peak # 3	B	9.948	0.10	0.60	143%			
Aroclor-1016 Peak # 4	B	1.860	0.02	ND				
Aroclor-1016 Peak # 5	B	7.783	0.08	0.08	6%			
Aroclor-1221	B		ND			0.50		u
Aroclor-1232	B		ND			0.50		u
Aroclor-1242	B		ND			0.50		u
Aroclor-1248	B		ND			0.50		u
Aroclor-1254	B		ND			0.50		u
Aroclor-1260	B	24.73	ND	0.67	92%	0.50		u
Aroclor-1260 Peak # 1	B	0	ND	1.83				
Aroclor-1260 Peak # 2	B	43.78	0.44	0.03	175%			
Aroclor-1260 Peak # 3	B	29.47	0.29	ND				
Aroclor-1260 Peak # 4	B	16.88	0.17	1.30	154%			
Aroclor-1260 Peak # 5	B	33.52	0.34	0.19	53%			
Aroclor-1262	B		ND			0.50		u
Aroclor-1268	B		ND			0.50		u

Surrogate	Ch	Raw	Spiked	Result	%Rec	Limits	Flags
TCMX (PCB)	B	28.08	0.5000	0.2808	56	19-121	c- u
Decachlorobiphenyl (PCB)	B	26.41	0.5000	0.2641	53	19-121	u

NO INTERNAL STANDARD REFERENCE RUN FOUND FOR CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV(internal standard: 1BR2NITROBZ1268, 1BR2NITROBZ1262, 1BR2NITROBZ1232, 1BR2NITROBZ1242, 1BR2NITROBZ1221)

ISTD (CCV gc06_060523003)	Ch	CCV Abund	SAMPLE Abund	%Drift
1-bromo-2-nitrobenzene (PCB)	B	8992413	10535246	17.16
1-bromo-2-nitrobenzene (PCB)	A	3431466	3726558	8.60

ISTD (ICAL gc06_060523009)	Ch	ICAL Abund	SAMPLE Abund	%Drift
1-bromo-2-nitrobenzene (1254)	B	9894264	**???**	**-100.00 ***
1-bromo-2-nitrobenzene (1254)	A	3688197	**???**	**-100.00 ***

ISTD (ICAL gc06_060523010)	Ch	ICAL Abund	SAMPLE Abund	%Drift
1-bromo-2-nitrobenzene (1248)	A	3562631	**???**	**-100.00 ***
1-bromo-2-nitrobenzene (1248)	B	9640375	**???**	**-100.00 ***

NO INTERNAL STANDARD REFERENCE RUN FOUND FOR CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV(internal standard: 1BR2NITROBZ1268, 1BR2NITROBZ1262, 1BR2NITROBZ1232, 1BR2NITROBZ1242, 1BR2NITROBZ1221)

ISTD (CCV gc06_060523003)	Ch	CCV RT	SAMPLE RT	Drift
1-bromo-2-nitrobenzene (PCB)	B	4.36	4.36	0.00
1-bromo-2-nitrobenzene (PCB)	A	4.13	4.13	0.00

ISTD (ICAL gc06_060523009)	Ch	ICAL RT	SAMPLE RT	Drift
1-bromo-2-nitrobenzene (1254)	B	4.36	**???**	
1-bromo-2-nitrobenzene (1254)	A	4.13	**???**	

ISTD (ICAL gc06_060523010)	Ch	ICAL RT	SAMPLE RT	Drift
1-bromo-2-nitrobenzene (1248)	A	4.13	**???**	
1-bromo-2-nitrobenzene (1248)	B	4.36	**???**	

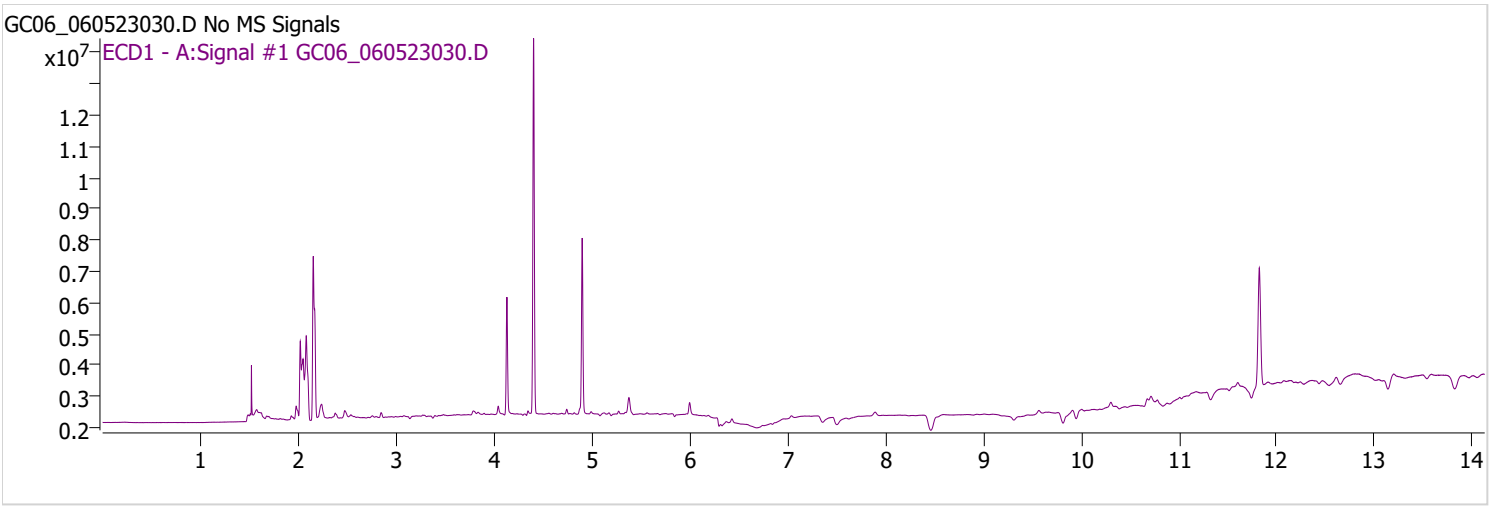
06/08/23 : WIPE/1DM^2-10ML

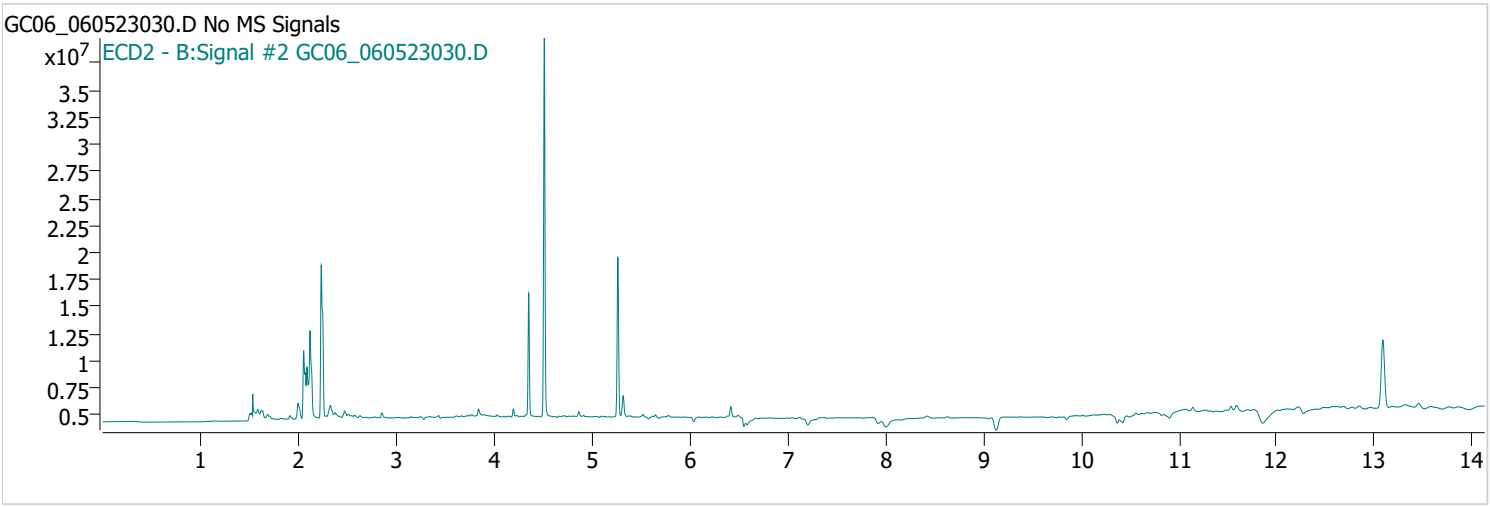
-=low bias c=CCV u=use

Analyst: MES 06/08/23 **Reviewer:** MTS 06/08/23

Quantitation Results Report (Not Reviewed)

Data File	GC06_060523030.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	6/5/2023 8:13:50 PM
Sample Name	486134-005, 315386, 1	Instrument	SVOA-GC06
Vial	17	Multiplier	1.00
DA Method File	PCB_608_052323_GC06_9.m	Comment	WIPE/1DM^2-10ML
Tune File	ATUNE.U	Tune Date	
Batch Name	060523PCB.batch.bin	Last Calib Update	5/23/2023 1:46:10 PM
Ref Library			



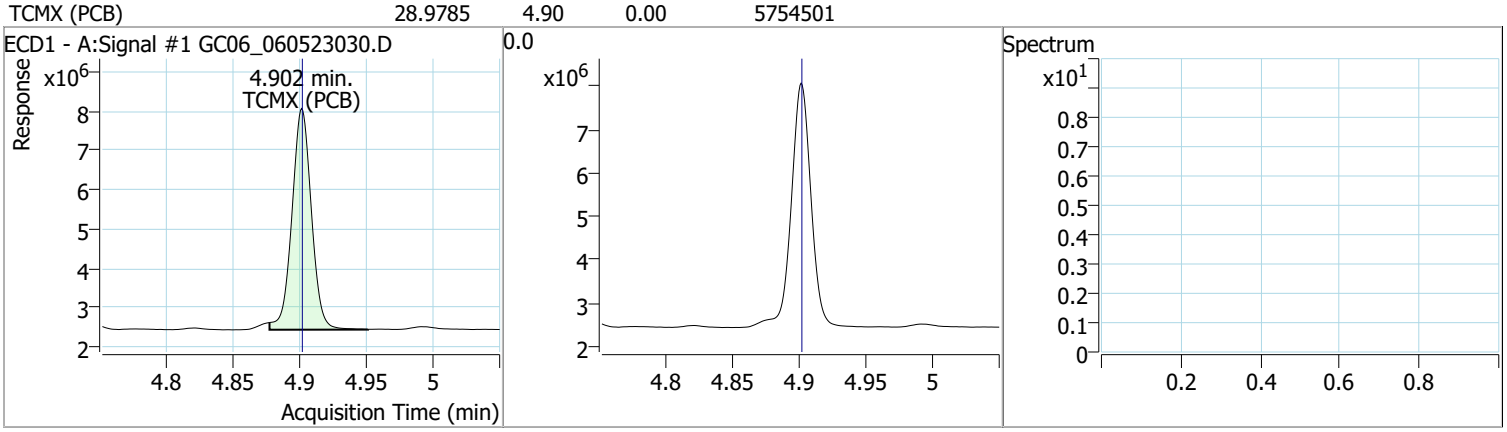


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1-bromo-2-nitrobenzene (PCB)	4.133	0.0	3726557.749	20.0000	ng/ml		-0.002
M 1-bromo-2-nitrobenzene (PCB) #2	4.355	0.0	10535245.867	20.0000	ng/ml		0.000
System Monitoring Compounds							
S TCMX (PCB)	4.902	0.0	5754500.566	28.9785	ng/ml		-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 144.89%			
S TCMX (PCB) #2	5.266	0.0	15694523.574	28.0838	ng/ml		-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 140.42%			
S Decachlorobiphenyl (PCB)	11.821	0.0	8002570.029	32.1815	ng/ml		-0.005
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 160.91%		*	
S Decachlorobiphenyl (PCB) #2	13.084	0.0	14691606.605	26.4069	ng/ml		0.000
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 132.03%			
Target Compounds							QValue

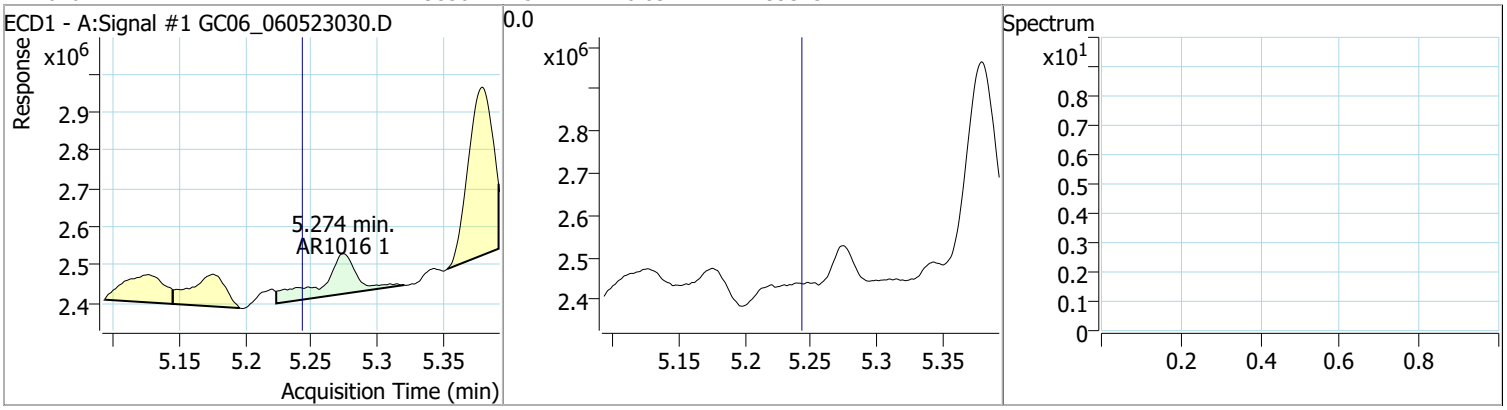
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T AR1016 1	5.274	0.0	199325.489	47.9556	ng/ml	100
T AR1016 2	5.563	0.0	120419.674	14.2704	ng/ml	100
T AR1016 1 #2	5.783	0.0	879947.754	80.1890	ng/ml	100
T AR1016 3	5.999	0.0	648273.164	60.1057	ng/ml	100
T AR1016 2 #2	6.087	0.0	2668362.516	108.2495	ng/ml	100
T AR1016 4	0.000		0	N.D.		
T AR1016 5	6.318	0.0	41261.813	8.2990	ng/ml	100
T AR1016 3 #2	6.573	0.0	295059.353	9.9476	ng/ml	100
T AR1016 4 #2	6.843	0.0	39706.294	1.8599	ng/ml	100
T AR1016 5 #2	7.003	0.0	88625.954	7.7827	ng/ml	100
T AR1260 1	8.382	0.0	2249457.173	182.5358	ng/ml	100
T AR1260 2	8.931	0.0	55091.954	2.9284	ng/ml	100
T AR1260 3	0.000		0	N.D.		
T AR1260 1 #2	0.000		0	N.D.		
T AR1260 4	9.910	0.0	1427145.966	130.3097	ng/ml	100
T AR1260 2 #2	10.016	0.0	1466641.835	43.7815	ng/ml	100
T AR1260 3 #2	10.465	0.0	1263480.552	29.4732	ng/ml	100
T AR1260 5	10.676	0.0	335706.376	19.3859	ng/ml	100
T AR1260 4 #2	10.844	0.0	422729.758	16.8826	ng/ml	100
T AR1260 5 #2	11.531	0.0	1216554.834	33.5199	ng/ml	100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

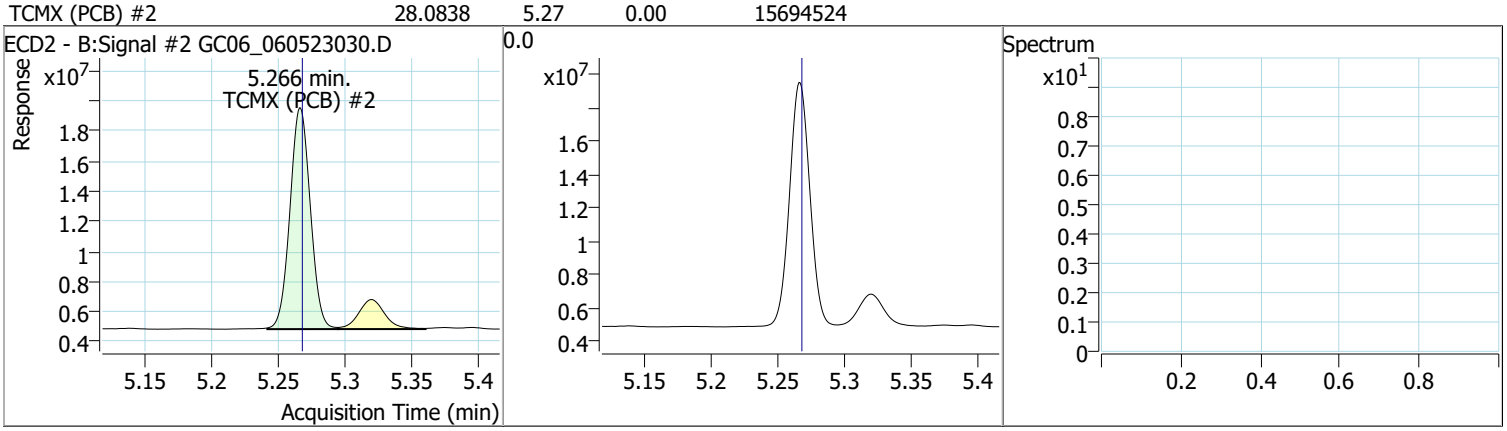
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	28.9785	4.90	0.00	5754501				



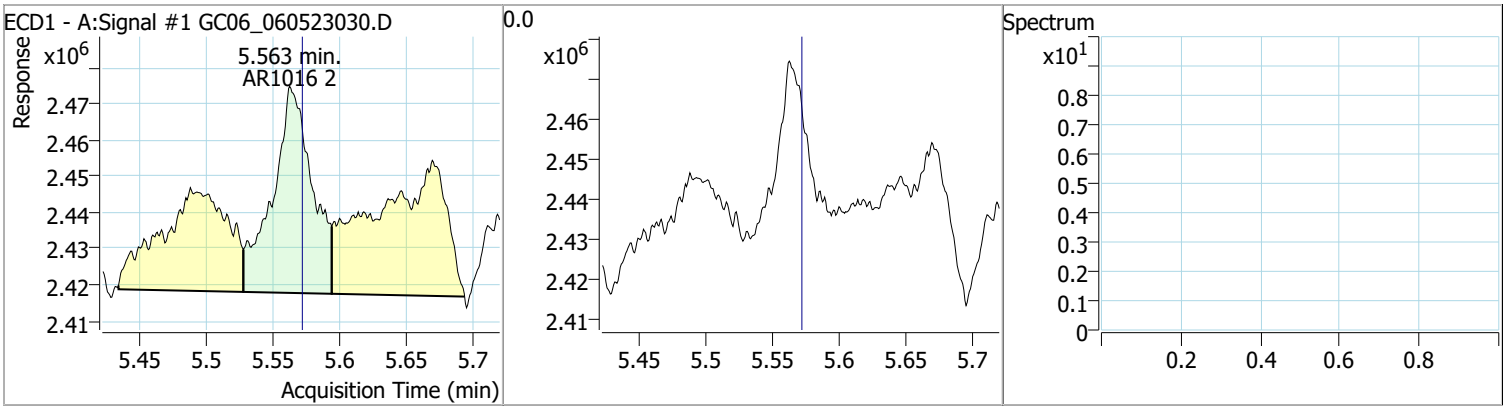
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	47.9556	5.27	0.03	199325				



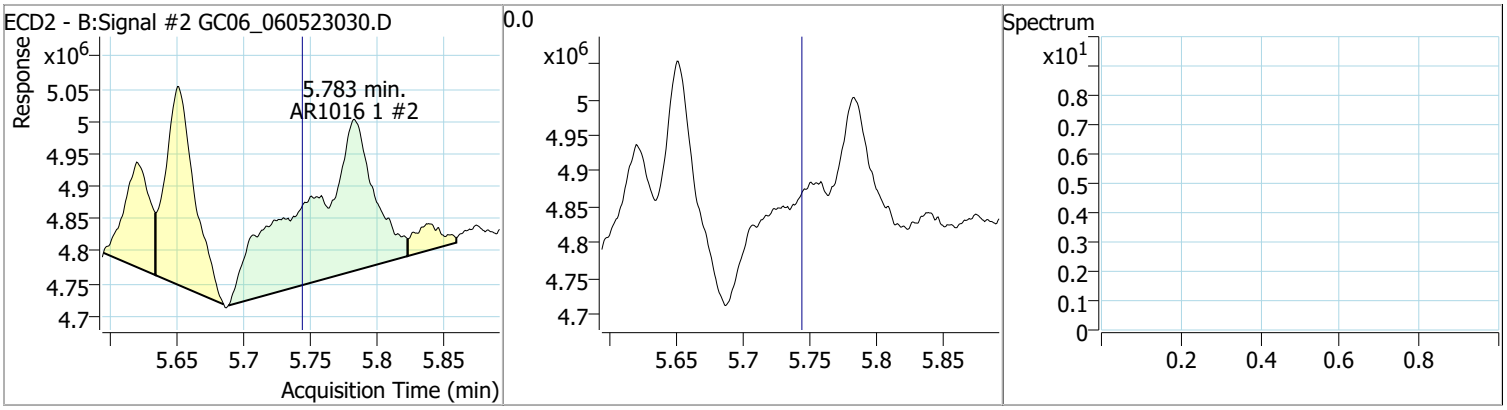
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB) #2	28.0838	5.27	0.00	15694524				



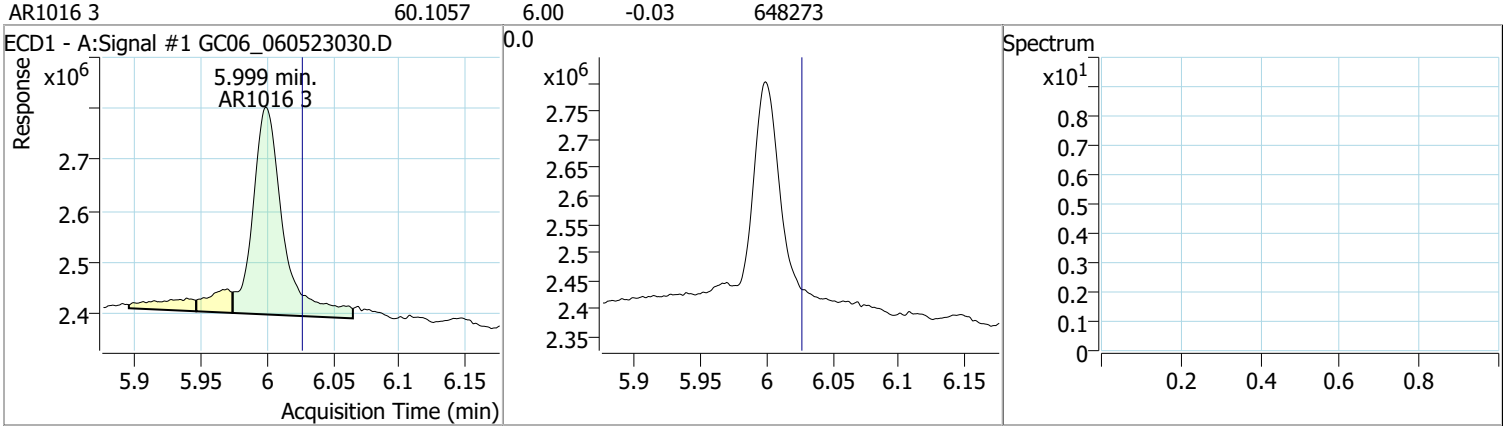
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	14.2704	5.56	-0.01	120420				



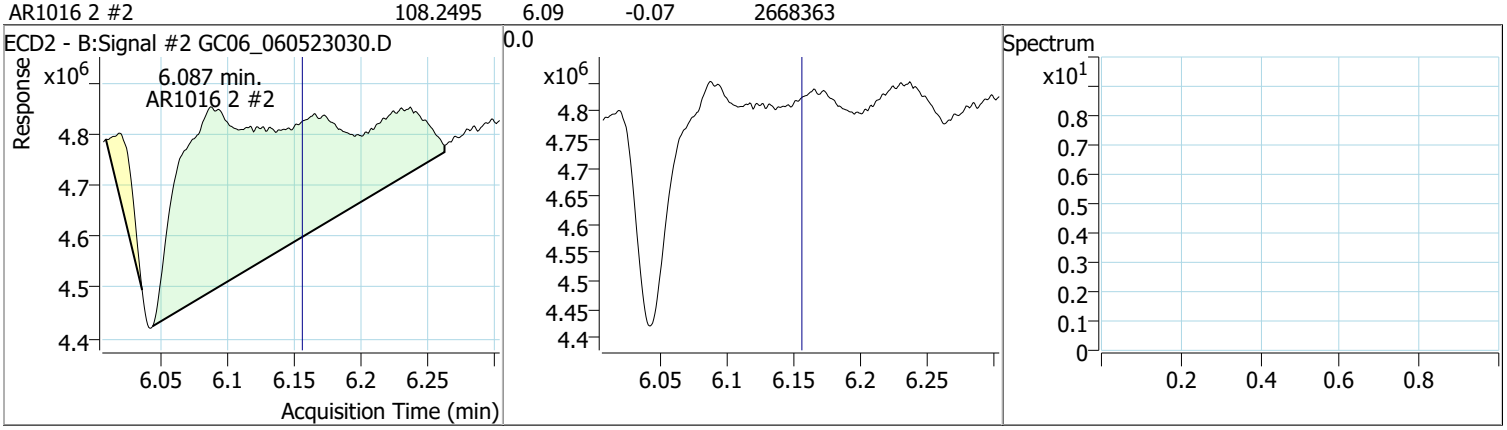
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1 #2	80.1890	5.78	0.04	879948				



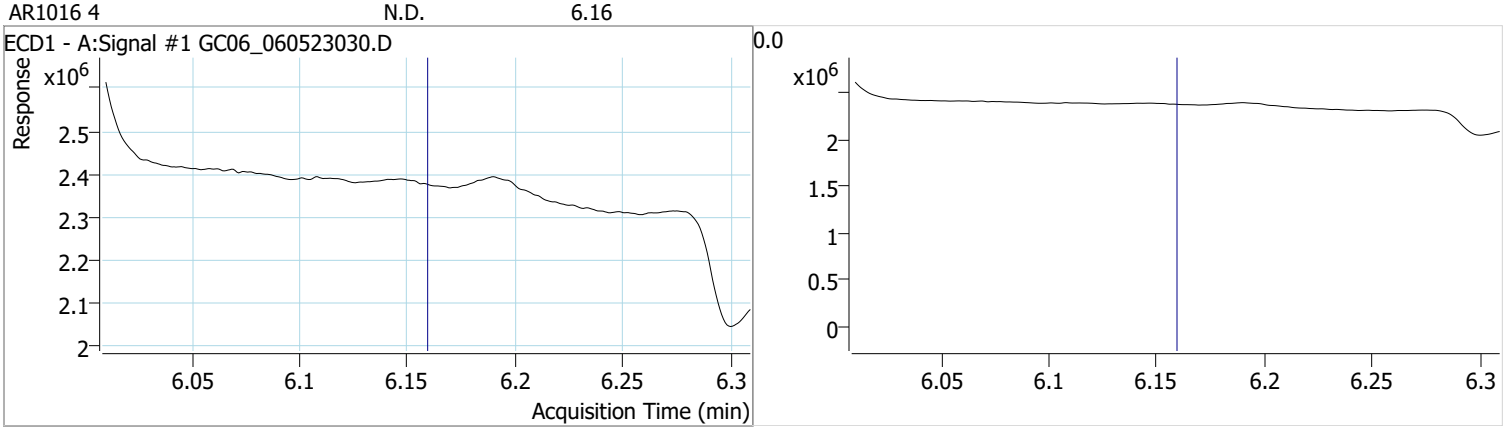
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	60.1057	6.00	-0.03	648273				



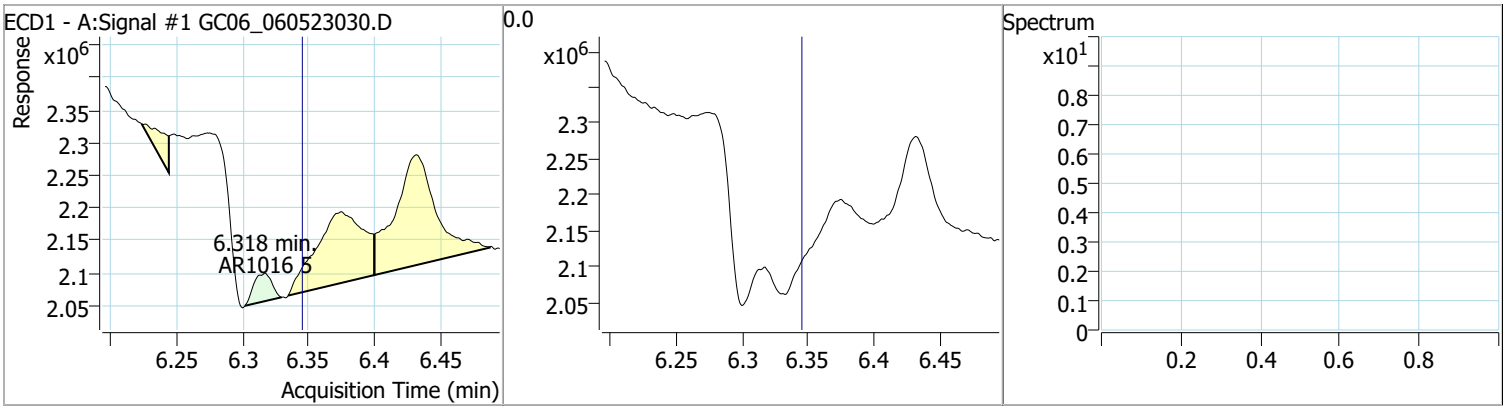
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	108.2495	6.09	-0.07	2668363				



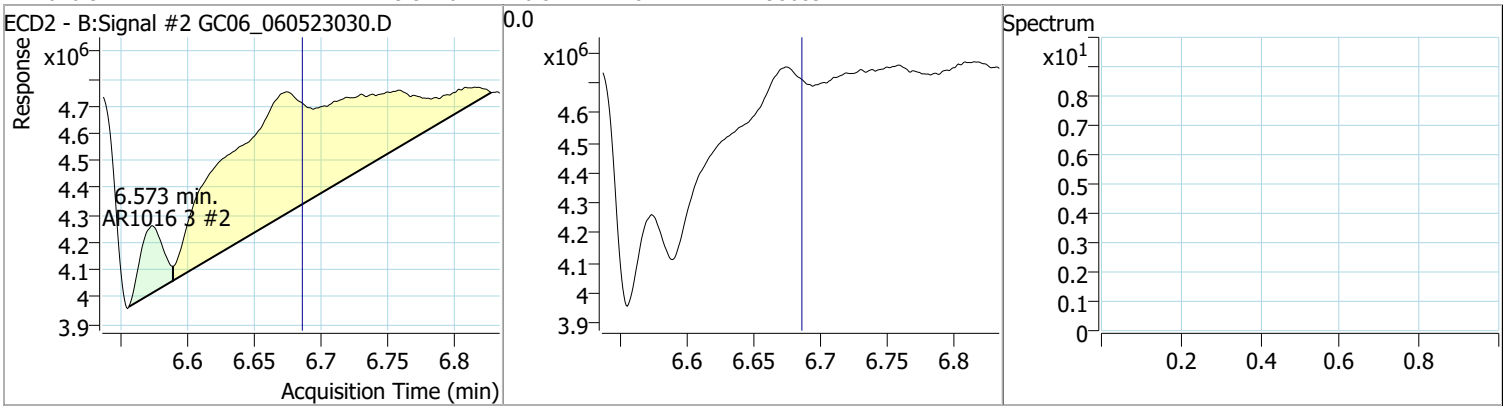
Compound	Conc.	Exp RT	QIon	Exp Ratio
AR1016 4	N.D.	6.16		



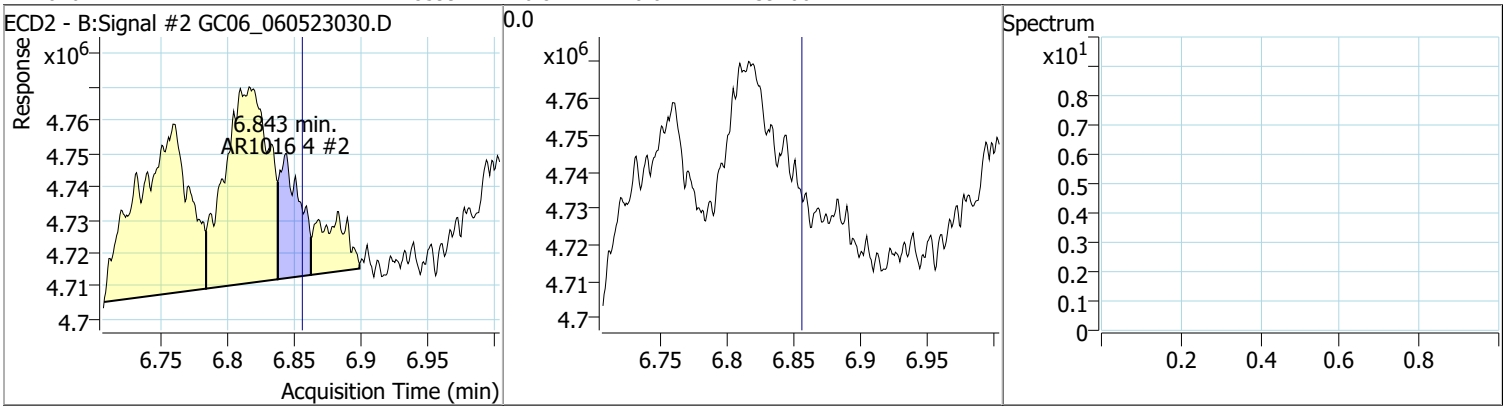
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	8.2990	6.32	-0.03	41262				



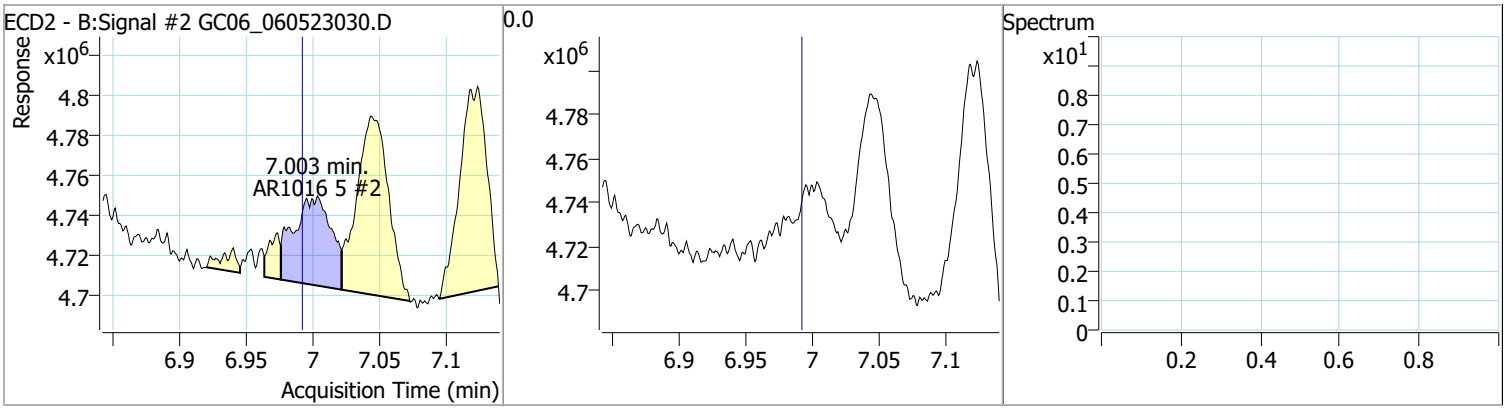
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	9.9476	6.57	-0.11	295059				



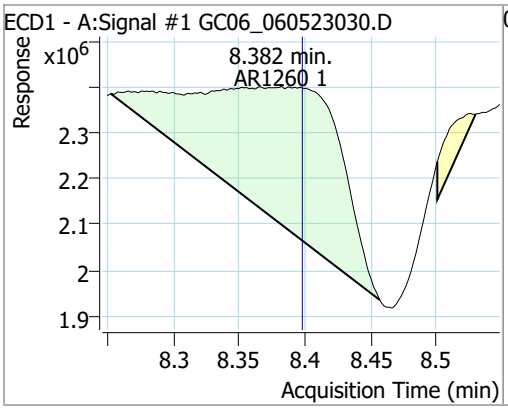
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4 #2	1.8599	6.84	-0.01	39706				

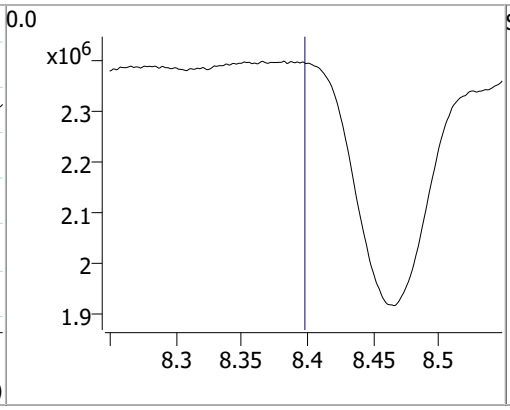


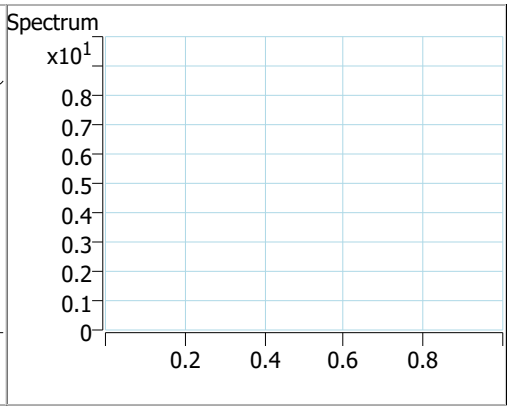
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	7.7827	7.00	0.01	88626				



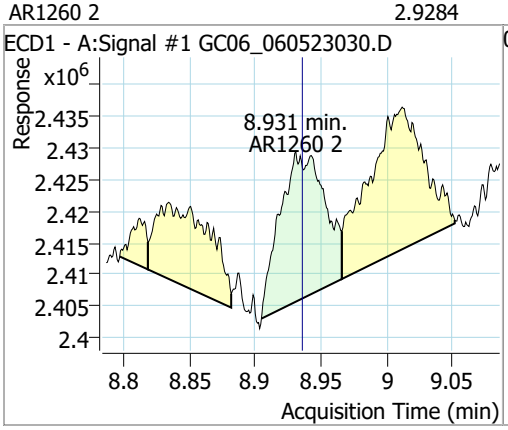
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	182.5358	8.38	-0.02	2249457				

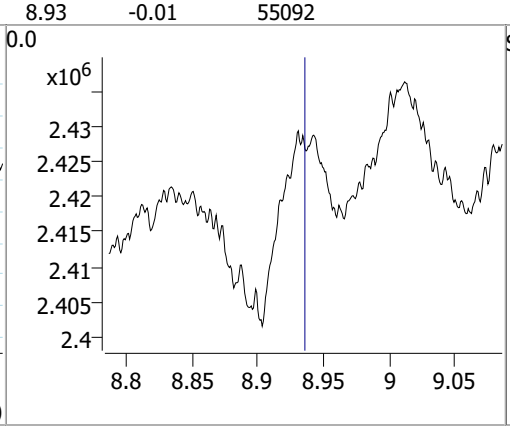


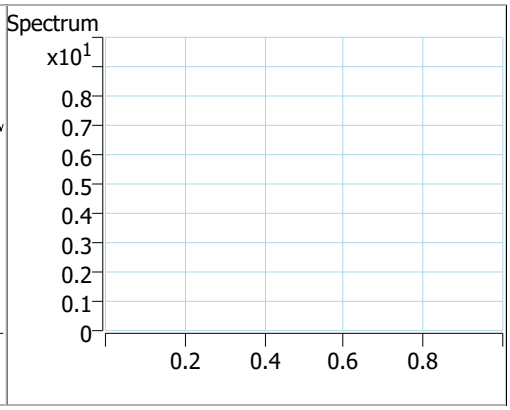




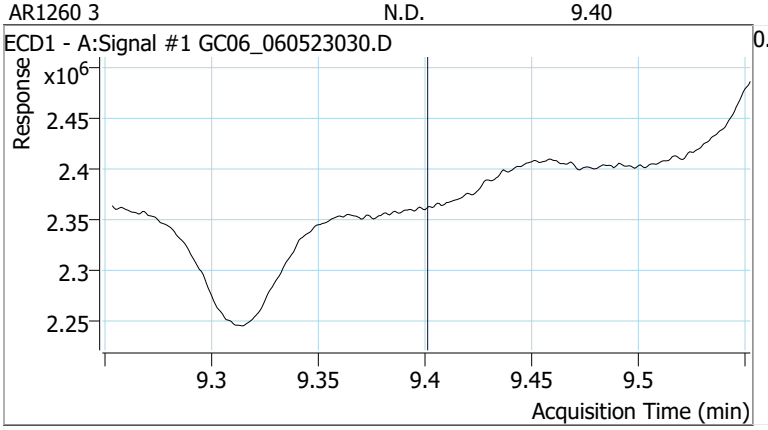
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	2.9284	8.93	-0.01	55092				

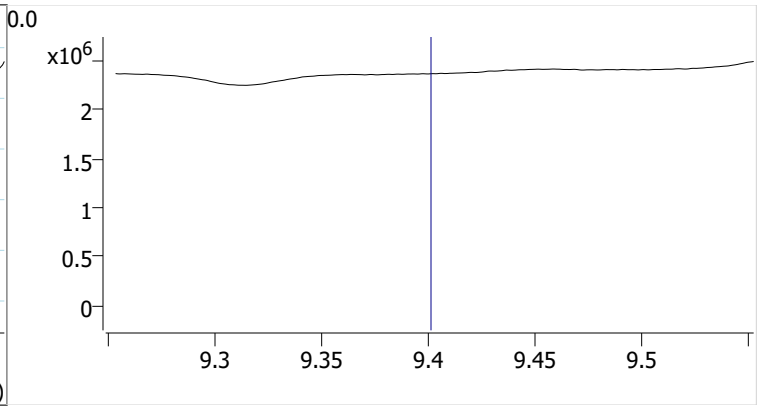




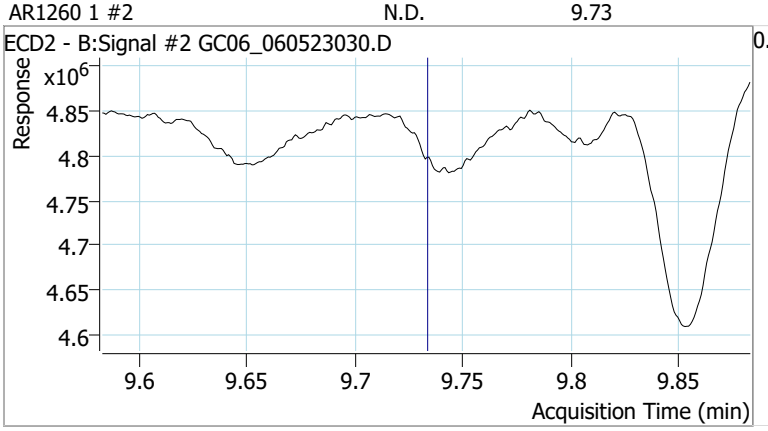


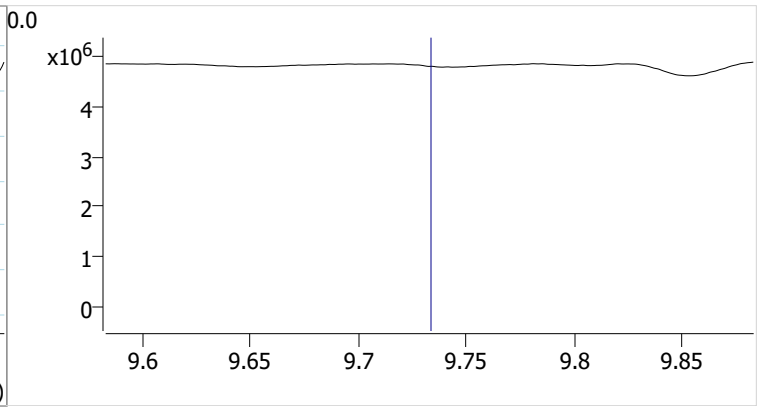
Compound	Conc.	Exp RT	QIon	Exp Ratio
AR1260 3	N.D.	9.40		



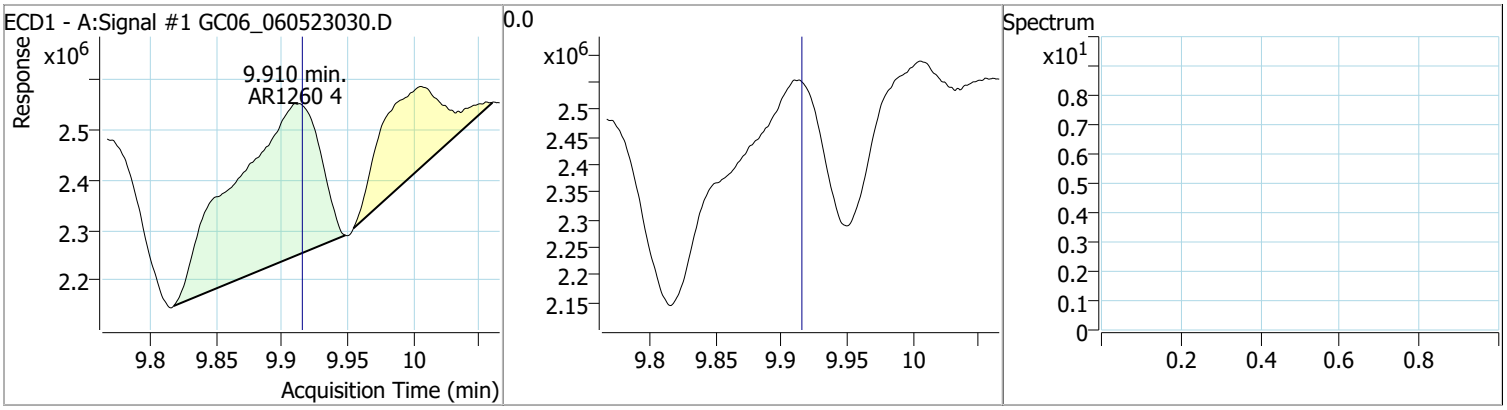


Compound	Conc.	Exp RT	QIon	Exp Ratio
AR1260 1 #2	N.D.	9.73		

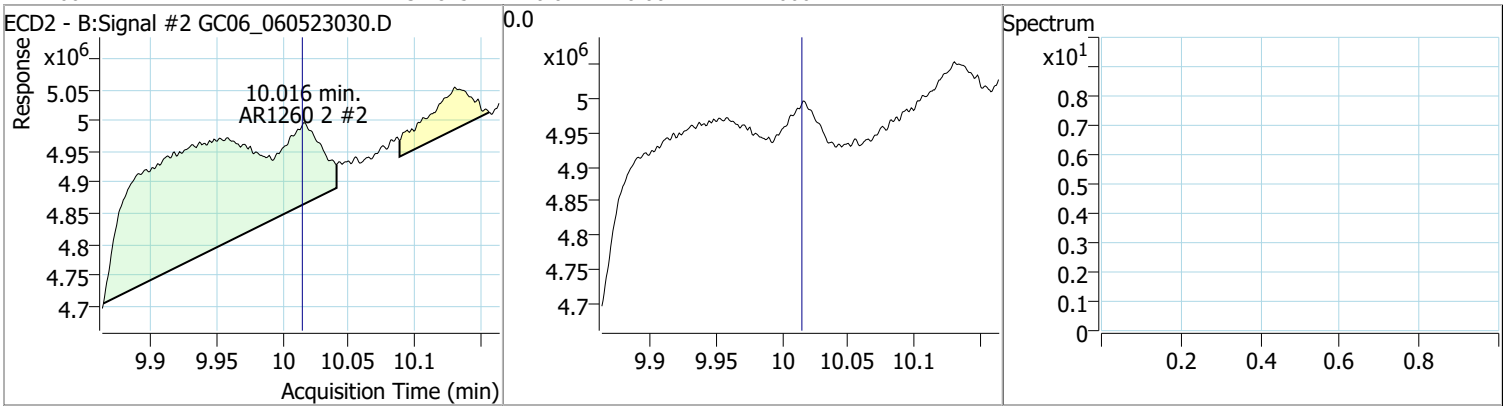




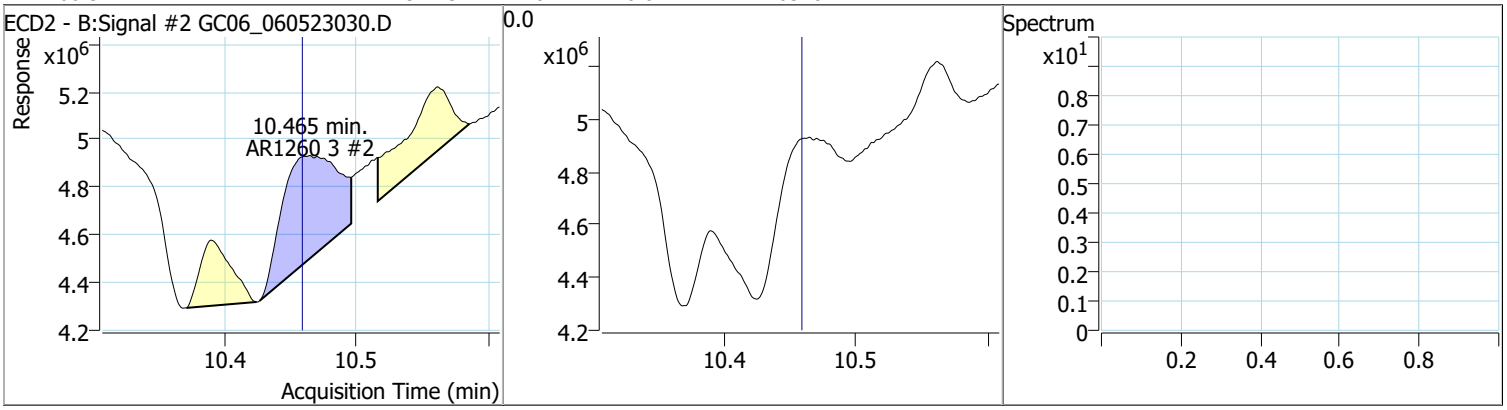
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4	130.3097	9.91	-0.01	1427146				



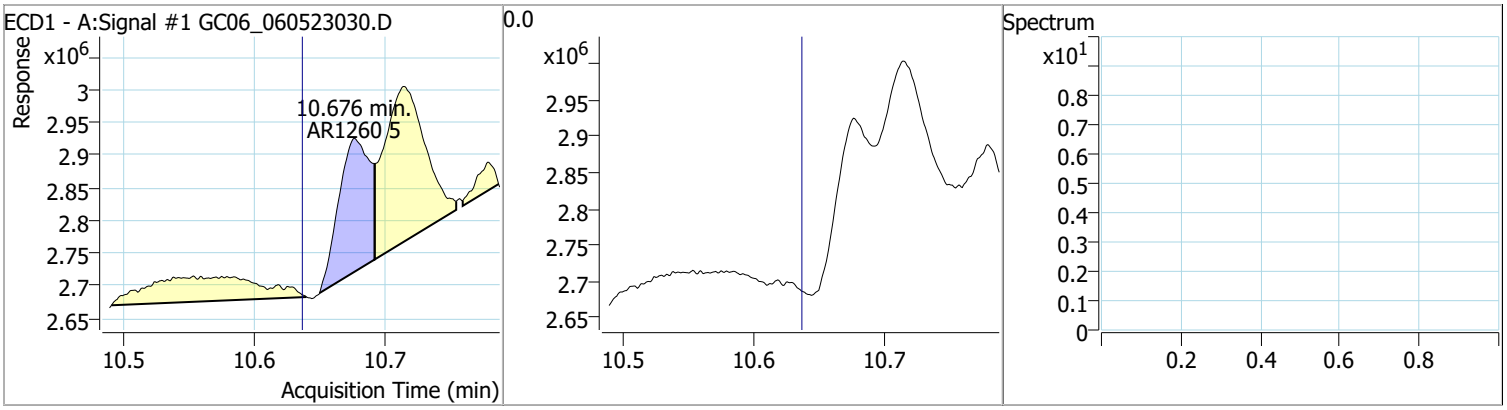
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	43.7815	10.02	0.00	1466642				



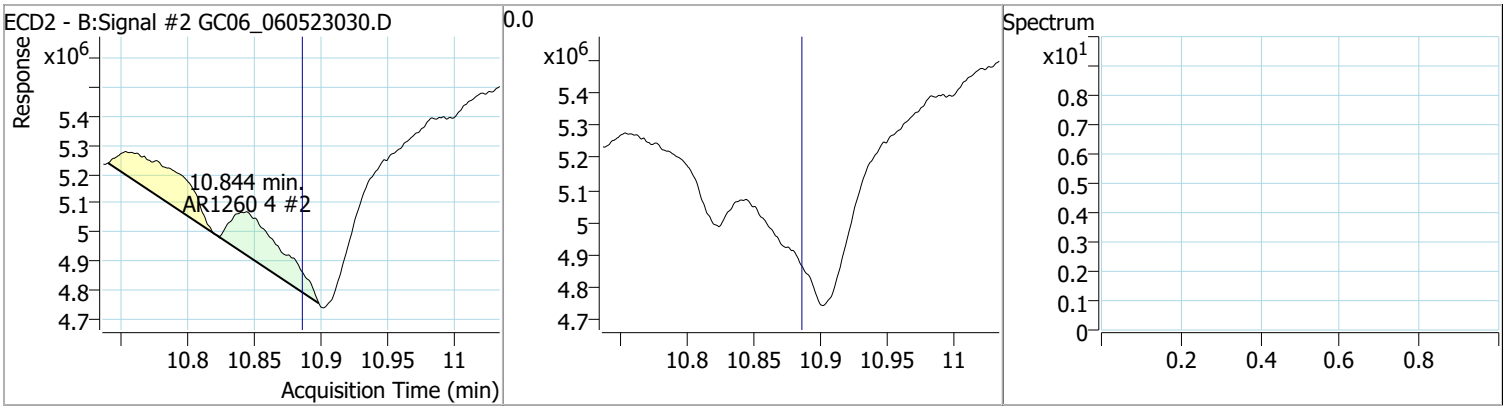
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3 #2	29.4732	10.47	0.01	1263481				



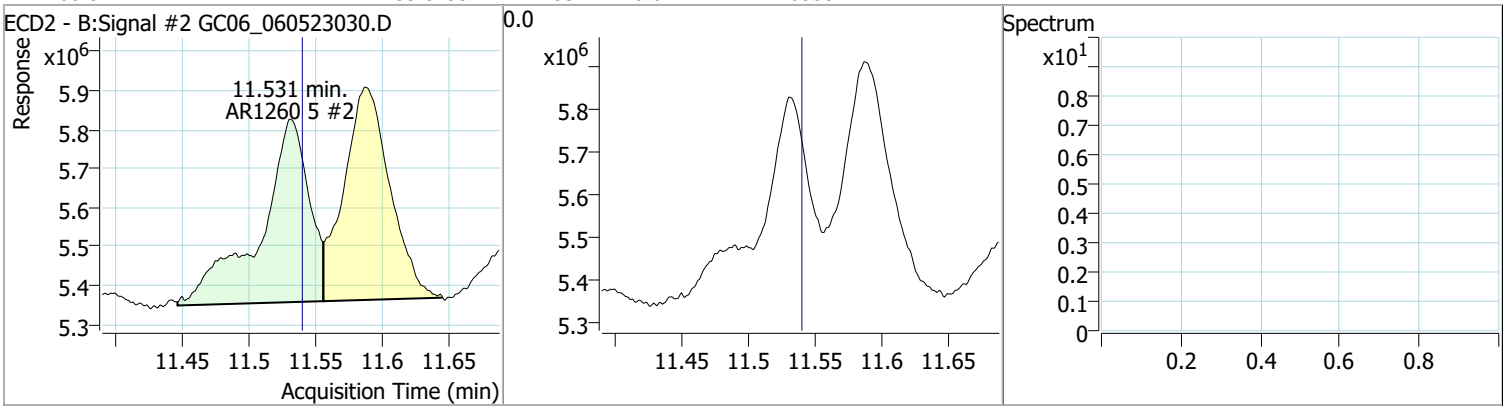
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	19.3859	10.68	0.04	335706				



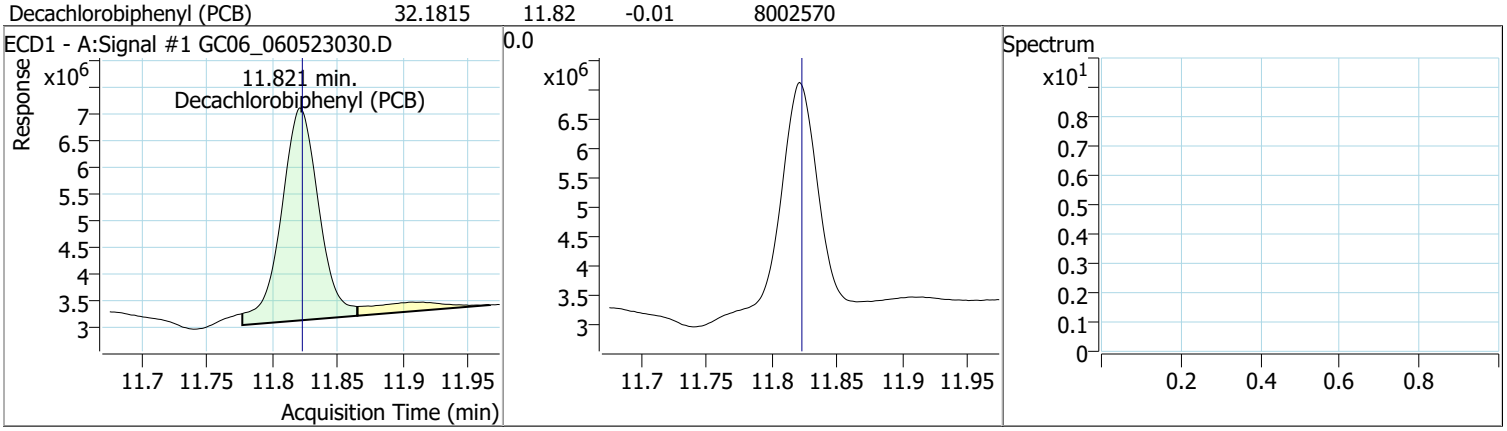
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	16.8826	10.84	-0.04	422730				



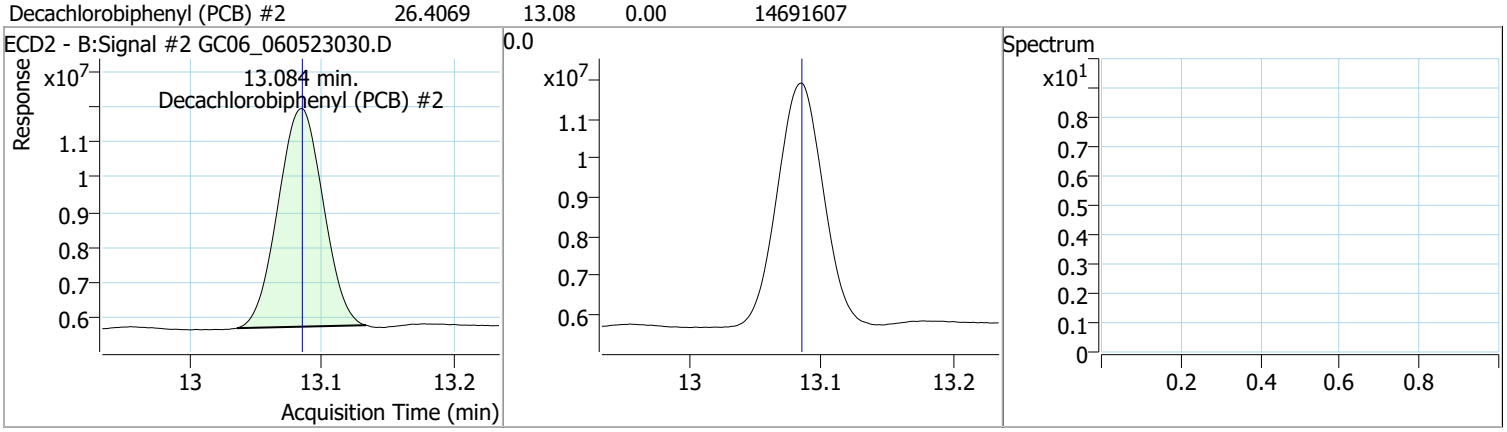
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	33.5199	11.53	-0.01	1216555				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	32.1815	11.82	-0.01	8002570				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	26.4069	13.08	0.00	14691607				



ENTHALPY SAMPLE USER REPORT FOR EPA 8082

Inst:	SVOA-GC06	Lab ID:	486134-007	Client ID:	AFRAME-C6E-MED-L3-UP-C6.5-HM-230601-P-LA
Seqnum:	453225344031	Matrix:	Wipe	Acct:	RINCON-BERK (JG)
File:	gc06_060523031	Batch:	315386	Time:	05-JUN-2023 20:33
Cal:	453205686001	Caldate:	22-MAY-2023		
IDF:	1.0	Raw Units:	ug/L	Units:	ug/dm2

- 1.00 dm2 ⇨ 10.0 ml = 10.0 ml/dm2 PDF

Analyte	Ch	Raw	Result	Conf	RPD	RL	Blank	Flags
Aroclor-1016	B	64.26	~~0.64~~ ~~FP~~	0.16	120%	0.50		x u
Aroclor-1016 Peak # 1	B	75.96	0.76	0.05	175%			
Aroclor-1016 Peak # 2	B	107.1	1.07	0.17	145%			
Aroclor-1016 Peak # 3	B	124.4	1.24	0.50	86%			
Aroclor-1016 Peak # 4	B	0.4731	0.00	ND				
Aroclor-1016 Peak # 5	B	13.32	0.13	0.09	40%			
Aroclor-1221	B		ND			0.50		u
Aroclor-1232	B		ND			0.50		u
Aroclor-1242	B		ND			0.50		u
Aroclor-1248	B		ND			0.50		u
Aroclor-1254	B		ND			0.50		u
Aroclor-1260	B	21.49	ND	0.68	104%	0.50		u
Aroclor-1260 Peak # 1	B	16.12	0.16	1.86	168%			
Aroclor-1260 Peak # 2	B	46.58	0.47	0.02	182%			
Aroclor-1260 Peak # 3	B	0	ND	0.15				
Aroclor-1260 Peak # 4	B	17.35	0.17	1.30	153%			
Aroclor-1260 Peak # 5	B	27.40	0.27	0.08	109%			
Aroclor-1262	B		ND			0.50		u
Aroclor-1268	B		ND			0.50		u

Surrogate	Ch	Raw	Spiked	Result	%Rec	Limits	Flags
TCMX (PCB)	B	26.17	0.5000	0.2617	52	19-121	c- u
Decachlorobiphenyl (PCB)	B	25.09	0.5000	0.2509	50	19-121	u

NO INTERNAL STANDARD REFERENCE RUN FOUND FOR CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV(internal standard: 1BR2NITROBZ1268, 1BR2NITROBZ1262, 1BR2NITROBZ1232, 1BR2NITROBZ1242, 1BR2NITROBZ1221)

ISTD (CCV gc06_060523003)	Ch	CCV Abund	SAMPLE Abund	%Drift
1-bromo-2-nitrobenzene (PCB)	B	8992413	10473785	16.47
1-bromo-2-nitrobenzene (PCB)	A	3431466	3859011	12.46

ISTD (ICAL gc06_060523009)	Ch	ICAL Abund	SAMPLE Abund	%Drift
1-bromo-2-nitrobenzene (1254)	B	9894264	**???**	**-100.00 ***
1-bromo-2-nitrobenzene (1254)	A	3688197	**???**	**-100.00 ***

ISTD (ICAL gc06_060523010)	Ch	ICAL Abund	SAMPLE Abund	%Drift
1-bromo-2-nitrobenzene (1248)	A	3562631	**???**	**-100.00 ***
1-bromo-2-nitrobenzene (1248)	B	9640375	**???**	**-100.00 ***

NO INTERNAL STANDARD REFERENCE RUN FOUND FOR CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV(internal standard: 1BR2NITROBZ1268, 1BR2NITROBZ1262, 1BR2NITROBZ1232, 1BR2NITROBZ1242, 1BR2NITROBZ1221)

ISTD (CCV gc06_060523003)	Ch	CCV RT	SAMPLE RT	Drift
1-bromo-2-nitrobenzene (PCB)	B	4.36	4.36	0.00
1-bromo-2-nitrobenzene (PCB)	A	4.13	4.13	0.00

ISTD (ICAL gc06_060523009)	Ch	ICAL RT	SAMPLE RT	Drift
1-bromo-2-nitrobenzene (1254)	B	4.36	**???**	
1-bromo-2-nitrobenzene (1254)	A	4.13	**???**	

ISTD (ICAL gc06_060523010)	Ch	ICAL RT	SAMPLE RT	Drift
1-bromo-2-nitrobenzene (1248)	A	4.13	**???**	
1-bromo-2-nitrobenzene (1248)	B	4.36	**???**	

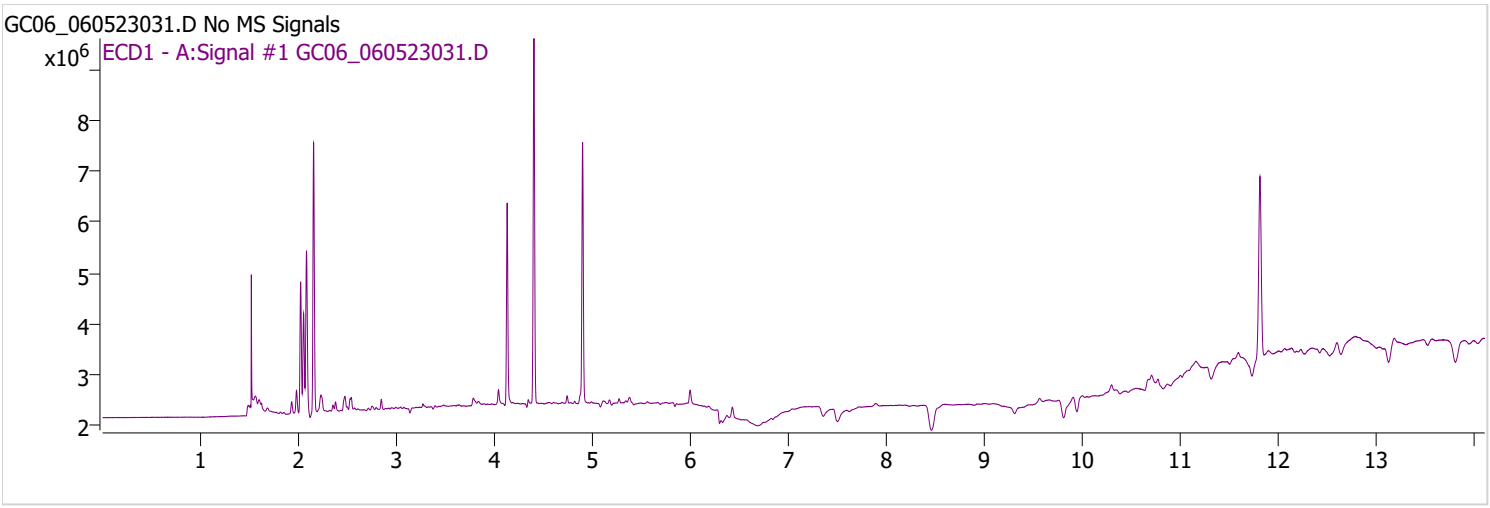
06/08/23 : WIPE/1DM^2-10ML

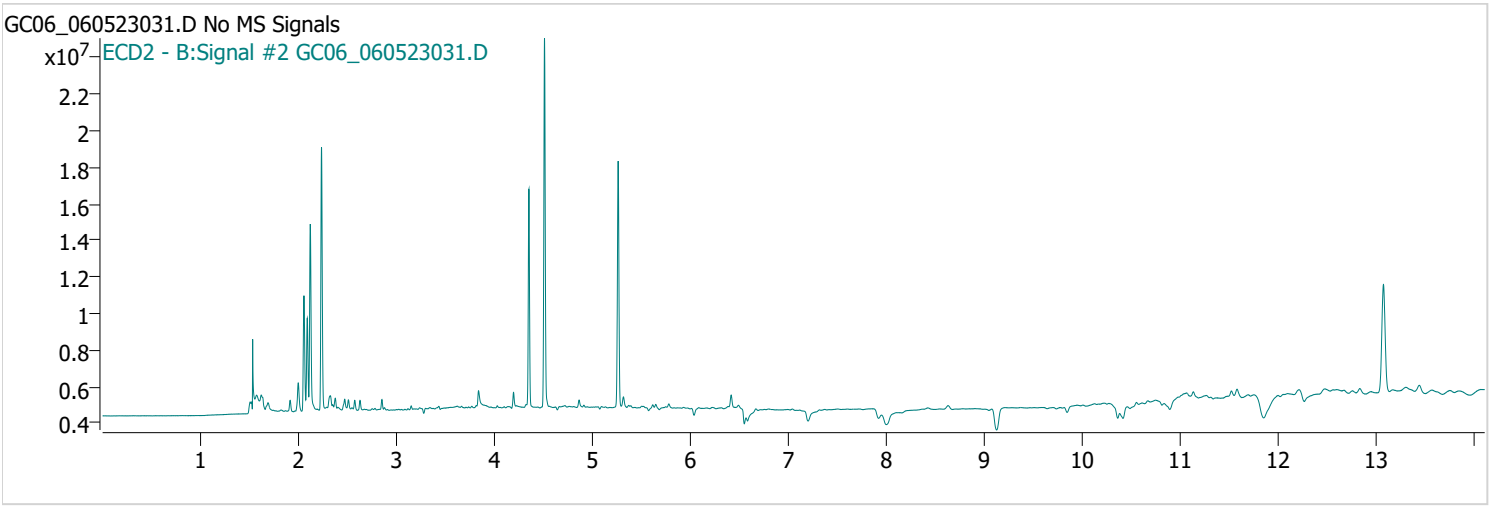
-=low bias c=CCV u=use x=false positive

Analyst: MES 06/08/23 **Reviewer:** MTS 06/08/23

Quantitation Results Report (Not Reviewed)

Data File	GC06_060523031.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	6/5/2023 8:33:20 PM
Sample Name	486134-007, 315386, 1	Instrument	SVOA-GC06
Vial	18	Multiplier	1.00
DA Method File	PCB_608_052323_GC06_9.m	Comment	WIPE/1DM^2-10ML
Tune File	ATUNE.U	Tune Date	
Batch Name	060523PCB.batch.bin	Last Calib Update	5/23/2023 1:46:10 PM
Ref Library			



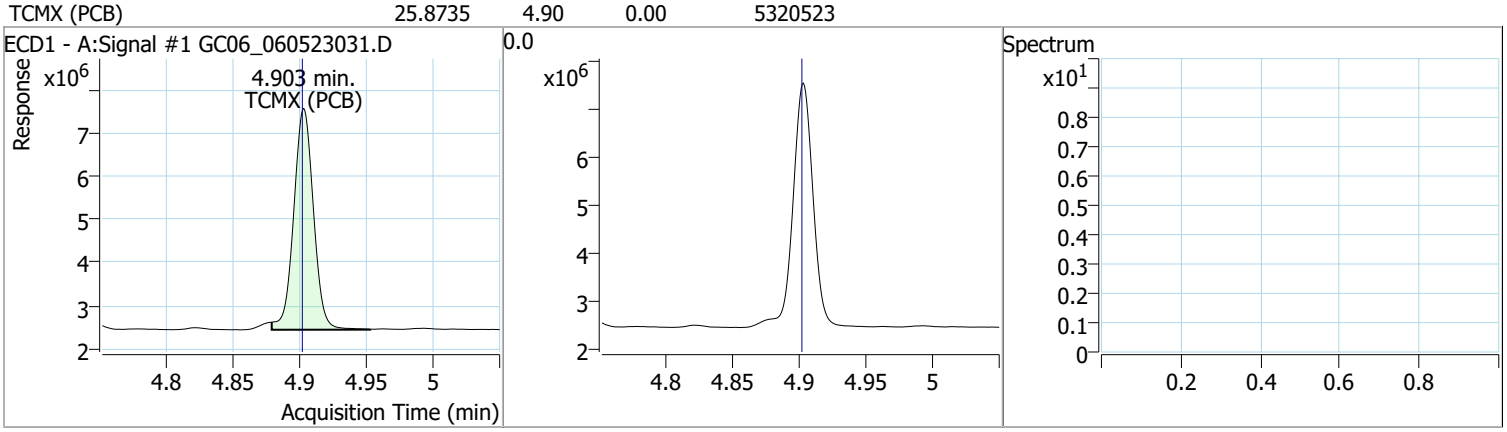


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M 1-bromo-2-nitrobenzene (PCB)	4.133	0.0	3859011.092	20.0000	ng/ml	-0.002
M 1-bromo-2-nitrobenzene (PCB) #2	4.355	0.0	10473785.276	20.0000	ng/ml	0.000
System Monitoring Compounds						
S TCMX (PCB)	4.903	0.0	5320522.660	25.8735	ng/ml	0.000
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 129.37%		
S TCMX (PCB) #2	5.267	0.0	14537950.498	26.1669	ng/ml	0.000
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 130.83%		
S Decachlorobiphenyl (PCB)	11.823	0.0	7380073.767	28.6596	ng/ml	-0.004
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 143.30%		
S Decachlorobiphenyl (PCB) #2	13.084	0.0	13878151.078	25.0912	ng/ml	0.000
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 125.46%		
Target Compounds						QValue

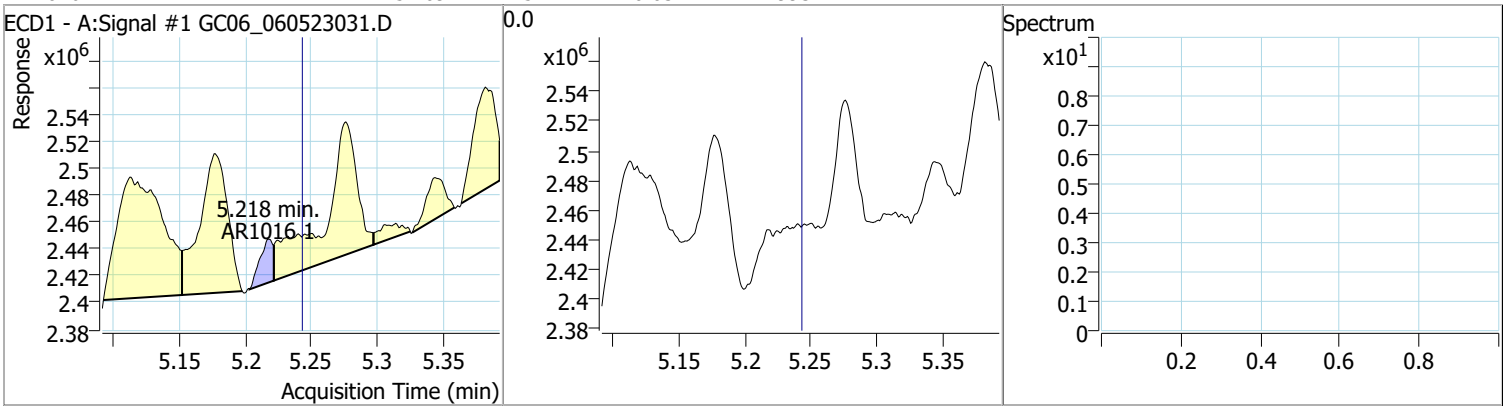
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T AR1016 1	5.218	0.0	21993.139	5.1097	ng/ml	100
T AR1016 2	5.565	0.0	149978.676	17.1633	ng/ml	100
T AR1016 1 #2	5.783	0.0	828666.607	75.9589	ng/ml	100
T AR1016 3	6.001	0.0	553961.254	49.5985	ng/ml	100
T AR1016 2 #2	6.232	0.0	2625339.489	107.1292	ng/ml	100
T AR1016 4	0.000		0	N.D.		
T AR1016 5	6.318	0.0	45535.922	8.8443	ng/ml	100
T AR1016 3 #2	6.673	0.0	3668907.162	124.4193	ng/ml	100
T AR1016 4 #2	6.885	0.0	10040.366	0.4731	ng/ml	100
T AR1016 5 #2	6.999	0.0	150835.934	13.3233	ng/ml	100
T AR1260 1	8.370	0.0	2372487.946	185.9115	ng/ml	100
T AR1260 2	8.936	0.0	42880.194	2.2011	ng/ml	100
T AR1260 3	9.256	0.0	302016.400	14.5084	ng/ml	100
T AR1260 1 #2	9.705	0.0	476047.002	16.1164	ng/ml	100
T AR1260 4	9.913	0.0	1476102.252	130.1538	ng/ml	100
T AR1260 2 #2	10.011	0.0	1551402.598	46.5835	ng/ml	100
T AR1260 3 #2	0.000		0	N.D.		
T AR1260 5	10.563	0.0	144871.456	8.0787	ng/ml	100
T AR1260 4 #2	10.844	0.0	432015.598	17.3546	ng/ml	100
T AR1260 5 #2	11.530	0.0	988562.062	27.3978	ng/ml	100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

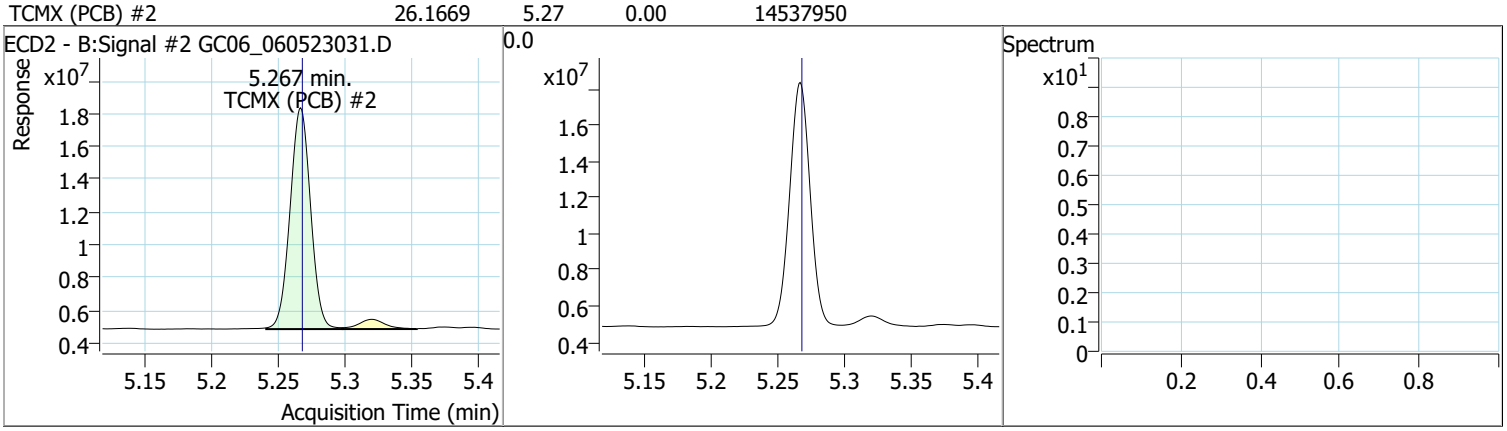
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	25.8735	4.90	0.00	5320523				



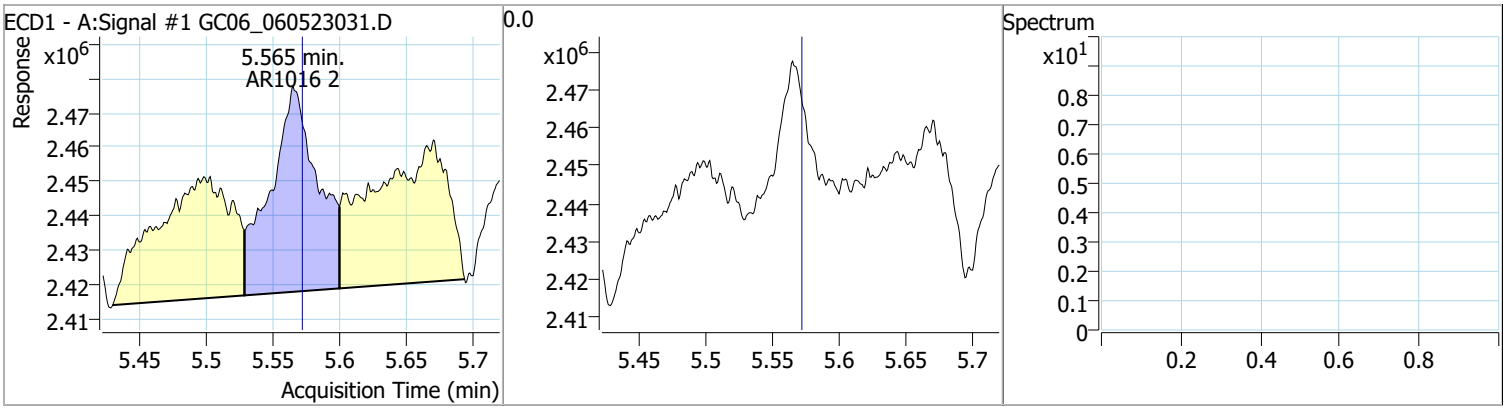
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	5.1097	5.22	-0.03	21993				



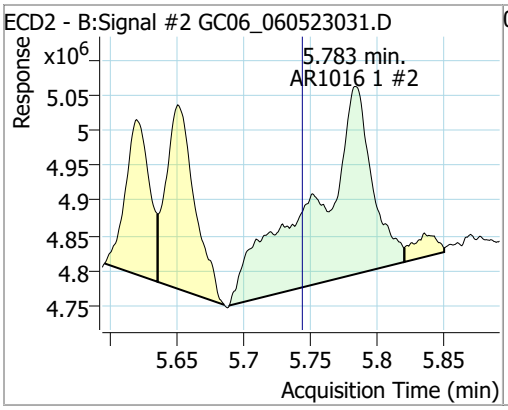
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB) #2	26.1669	5.27	0.00	14537950				

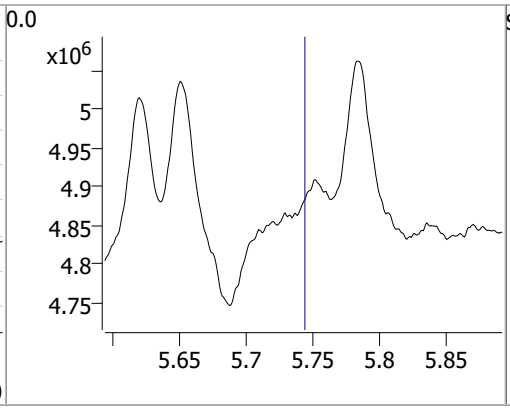


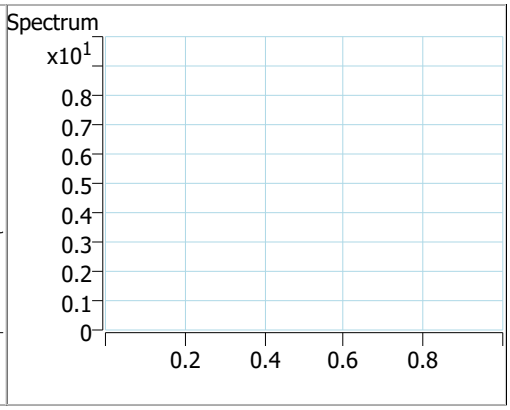
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	17.1633	5.57	-0.01	149979				



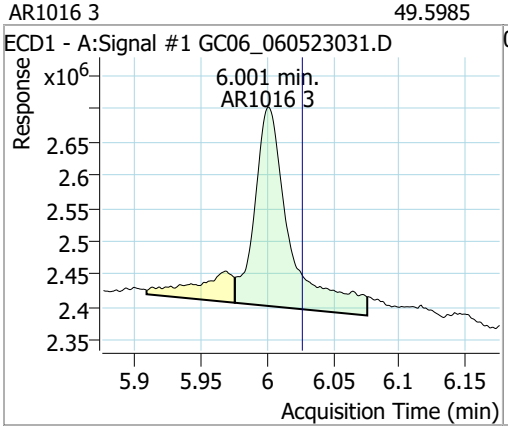
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1 #2	75.9589	5.78	0.04	828667				

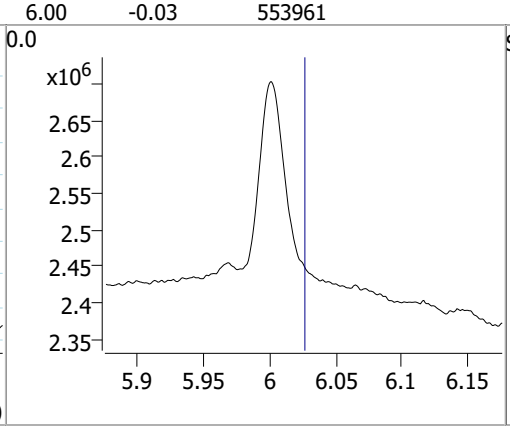


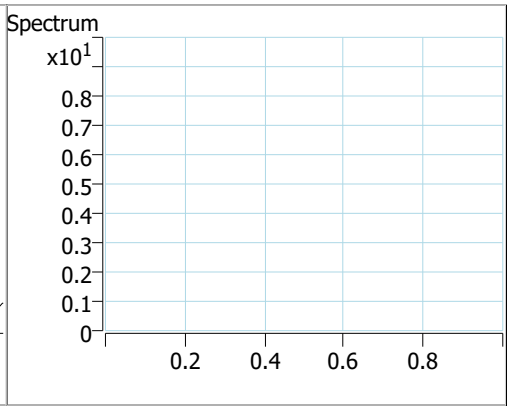




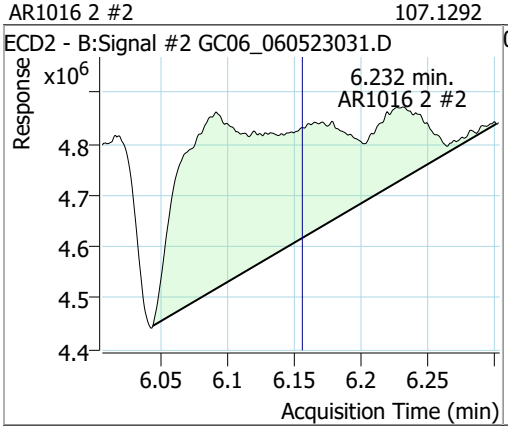
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	49.5985	6.00	-0.03	553961				

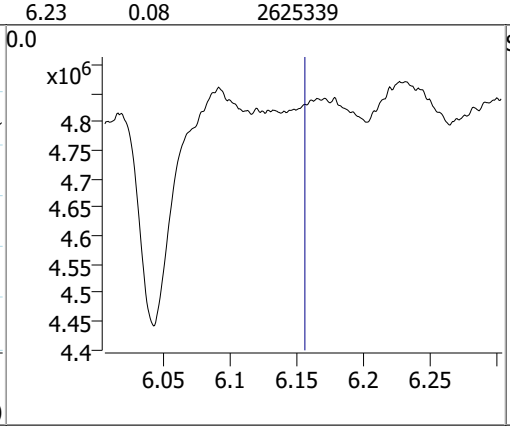


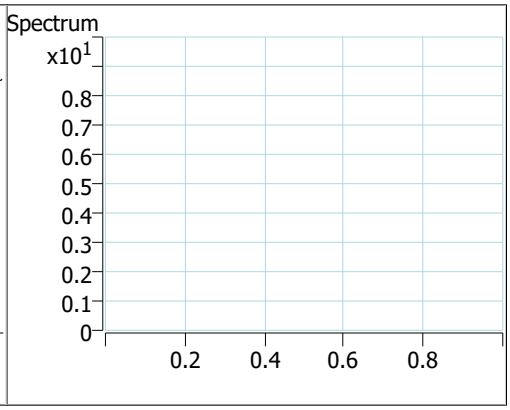




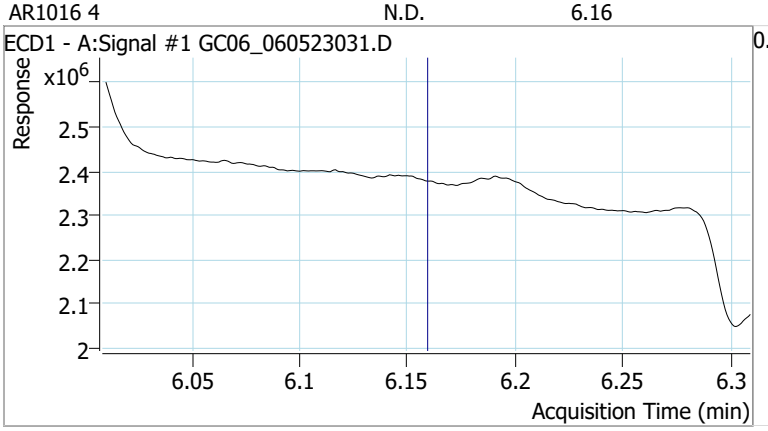
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	107.1292	6.23	0.08	2625339				

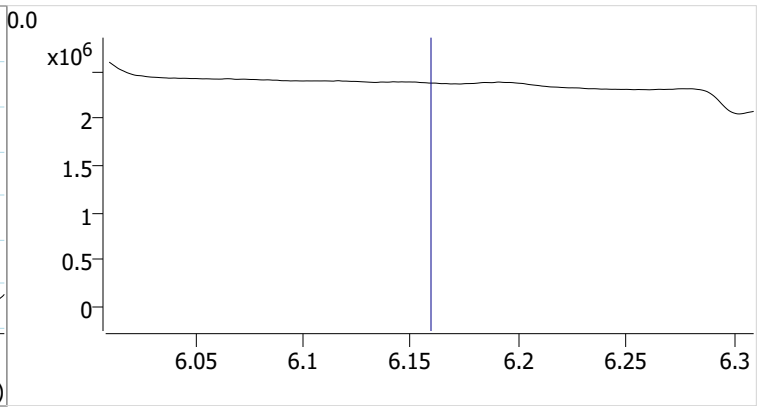




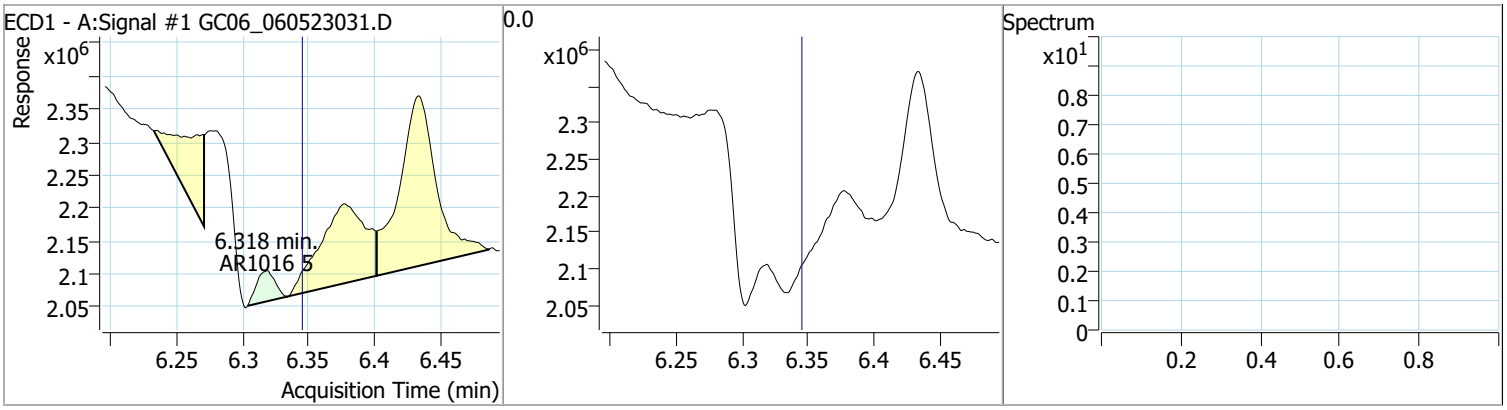


Compound	Conc.	Exp RT	QIon	Exp Ratio
AR1016 4	N.D.	6.16		

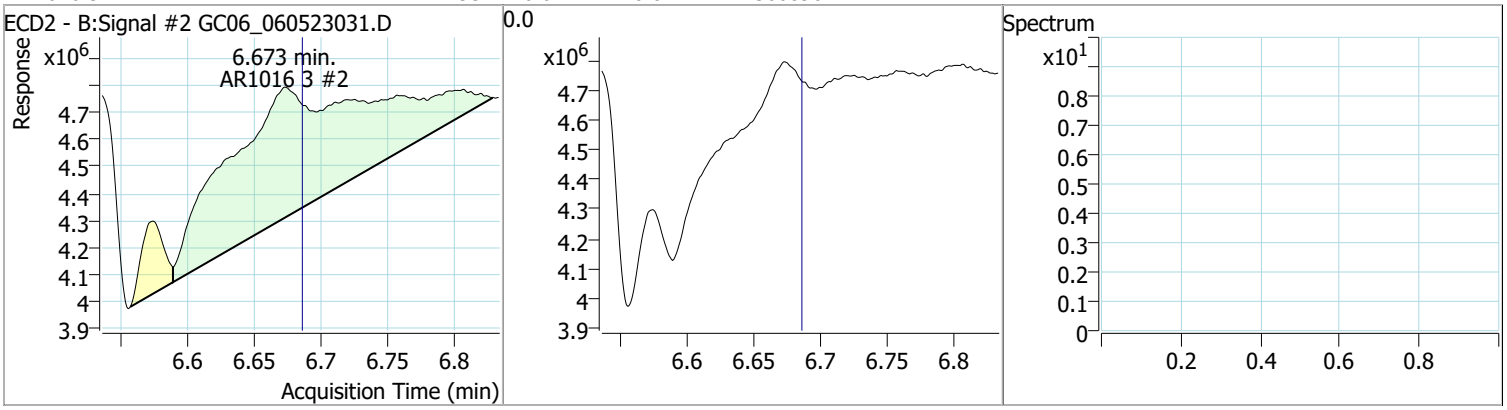




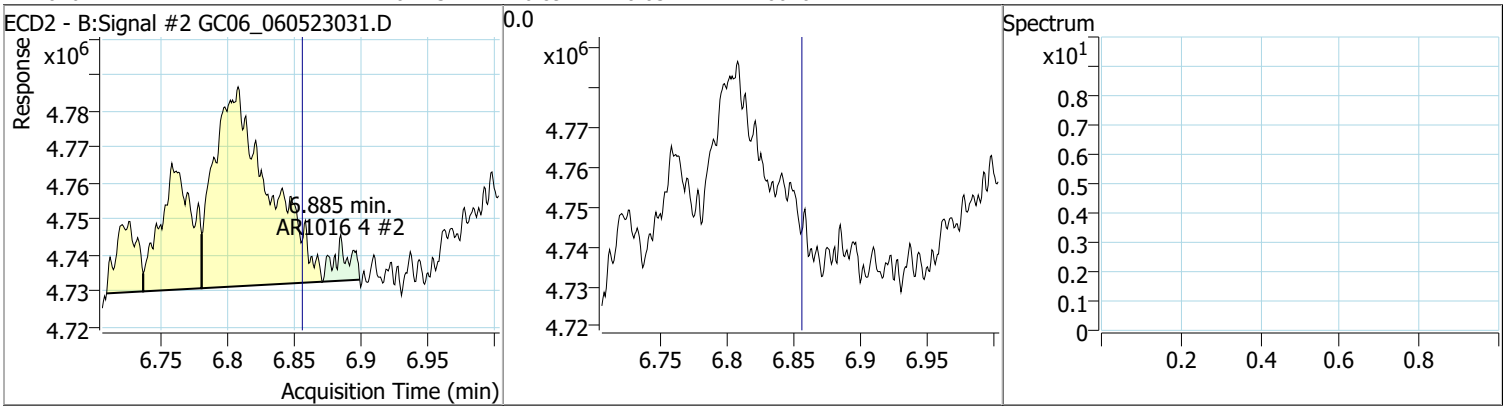
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	8.8443	6.32	-0.03	45536				



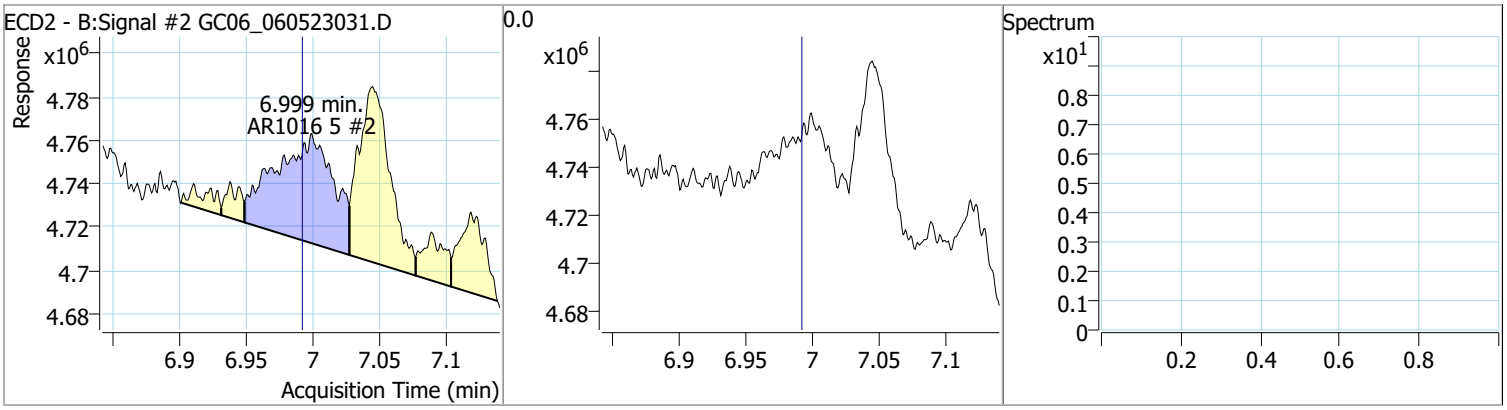
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	124.4193	6.67	-0.01	3668907				



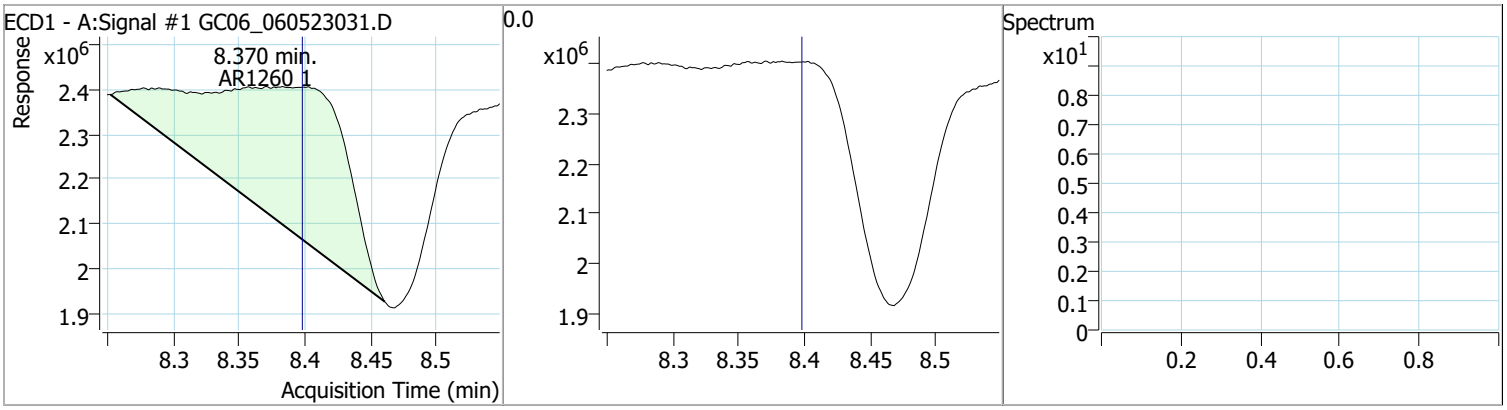
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4 #2	0.4731	6.89	0.03	10040				



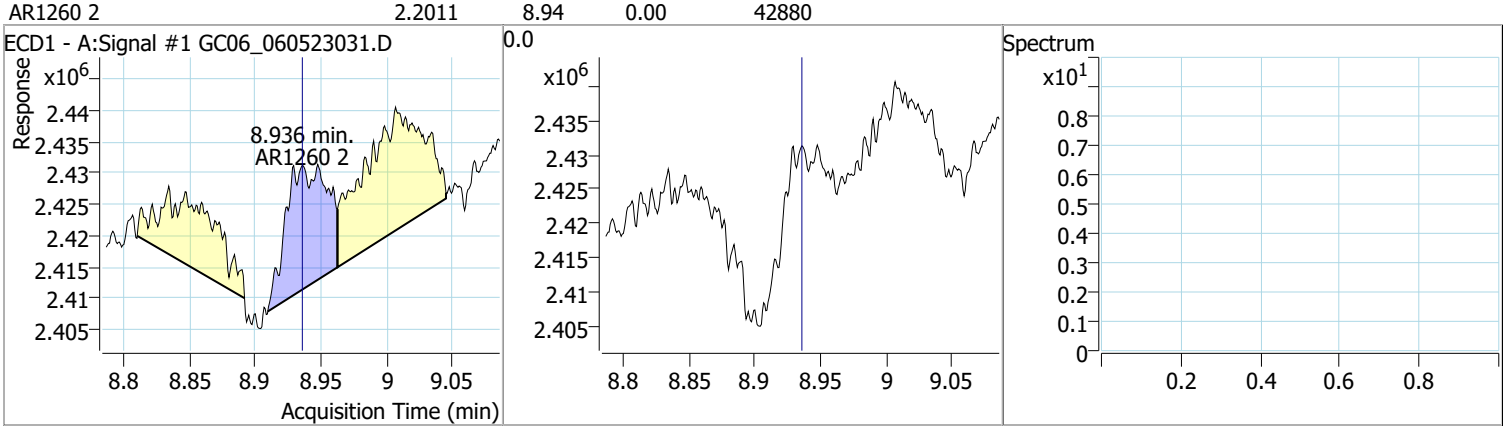
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	13.3233	7.00	0.01	150836				



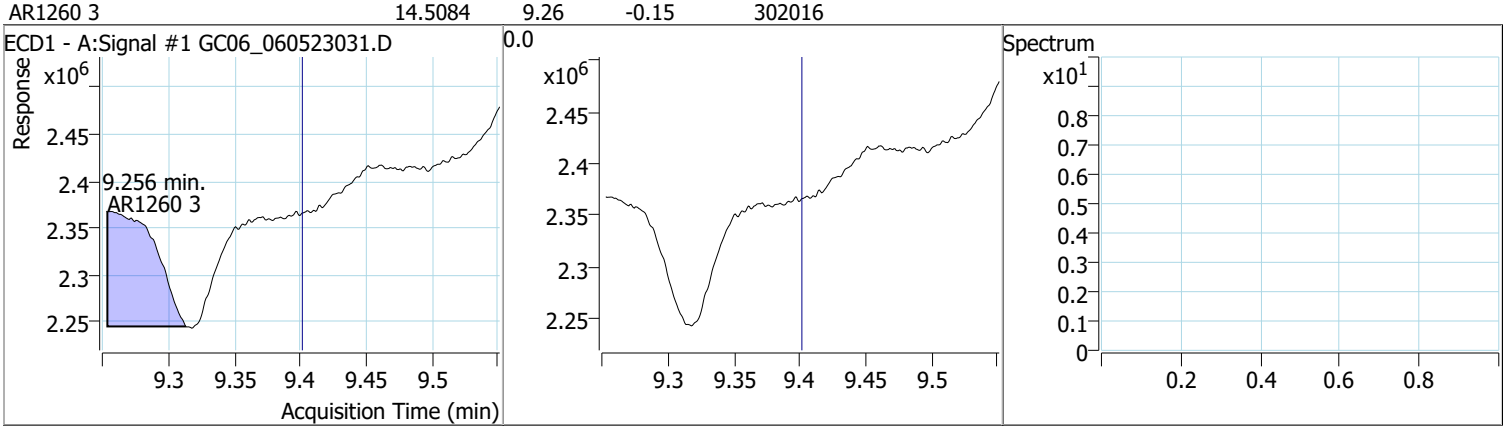
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	185.9115	8.37	-0.03	2372488				



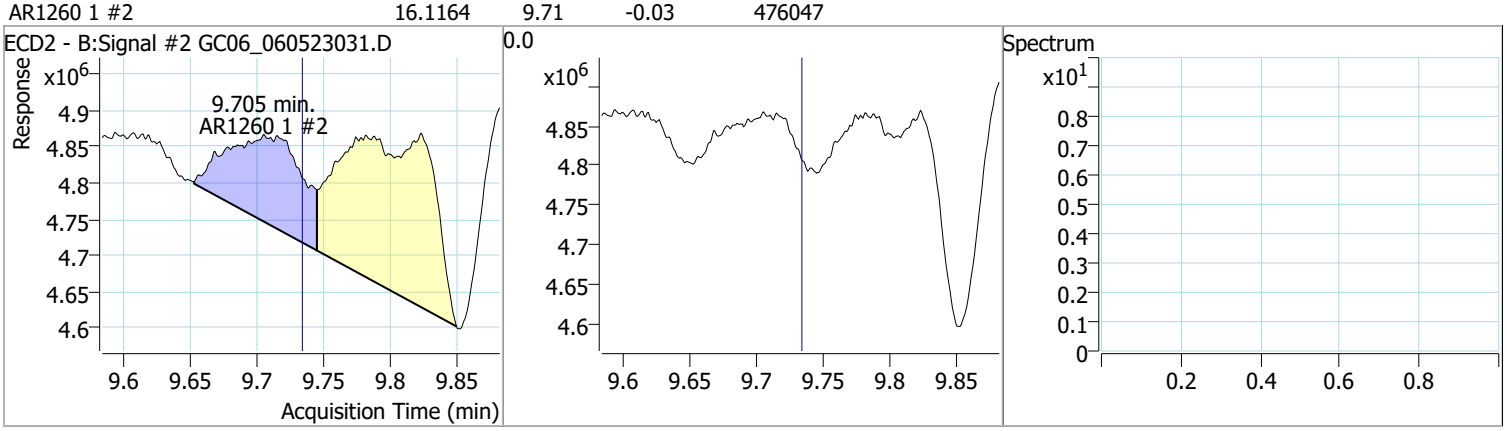
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	2.2011	8.94	0.00	42880				



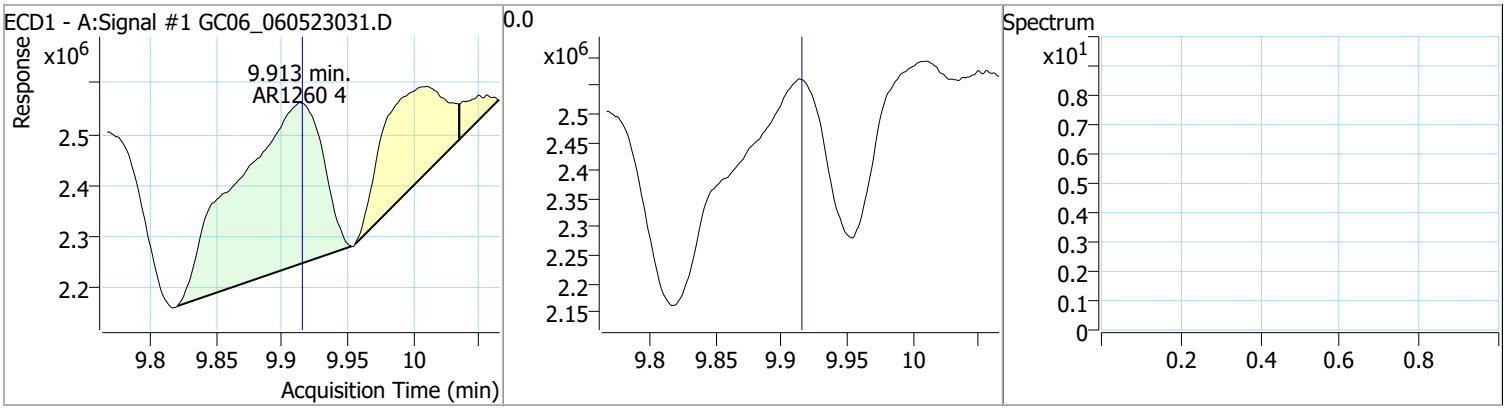
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3	14.5084	9.26	-0.15	302016				



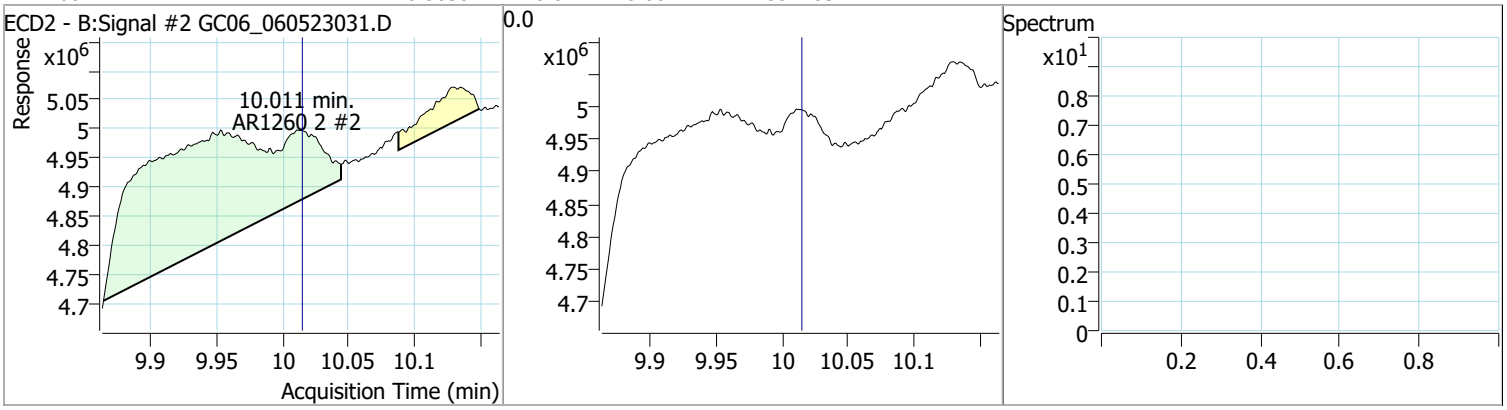
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1 #2	16.1164	9.71	-0.03	476047				



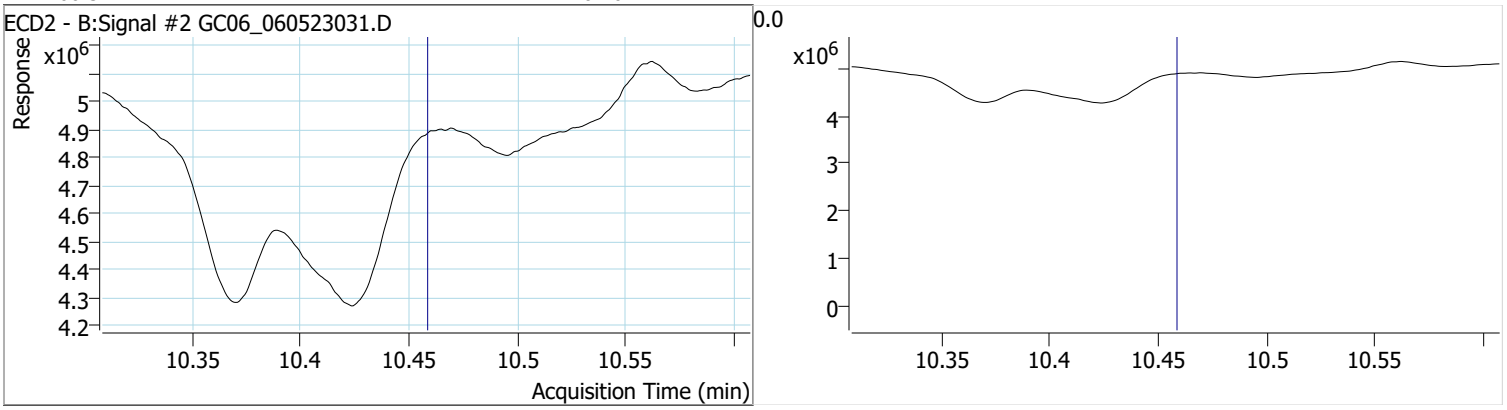
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4	130.1538	9.91	0.00	1476102				



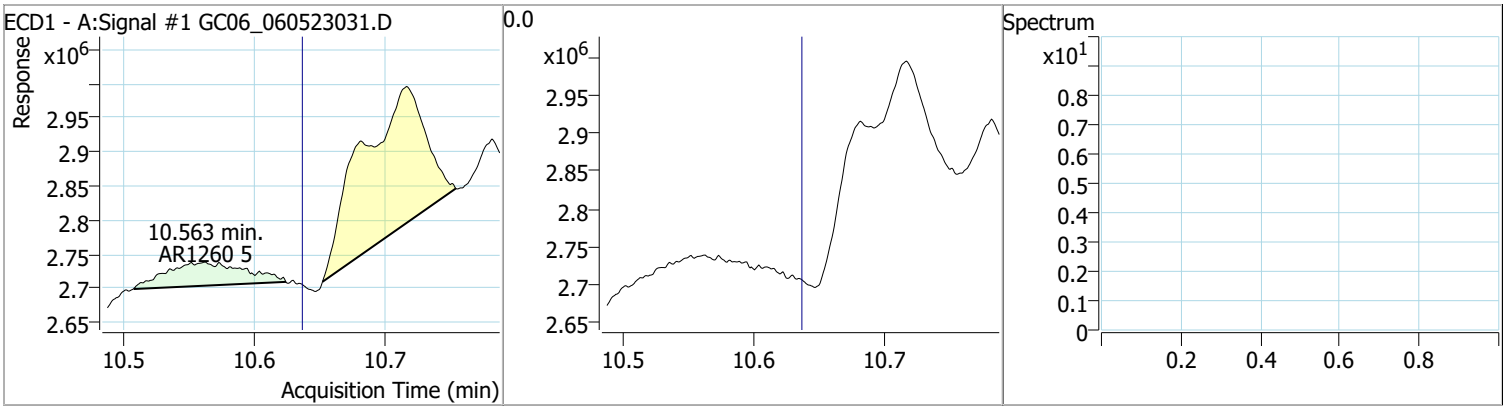
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	46.5835	10.01	0.00	1551403				



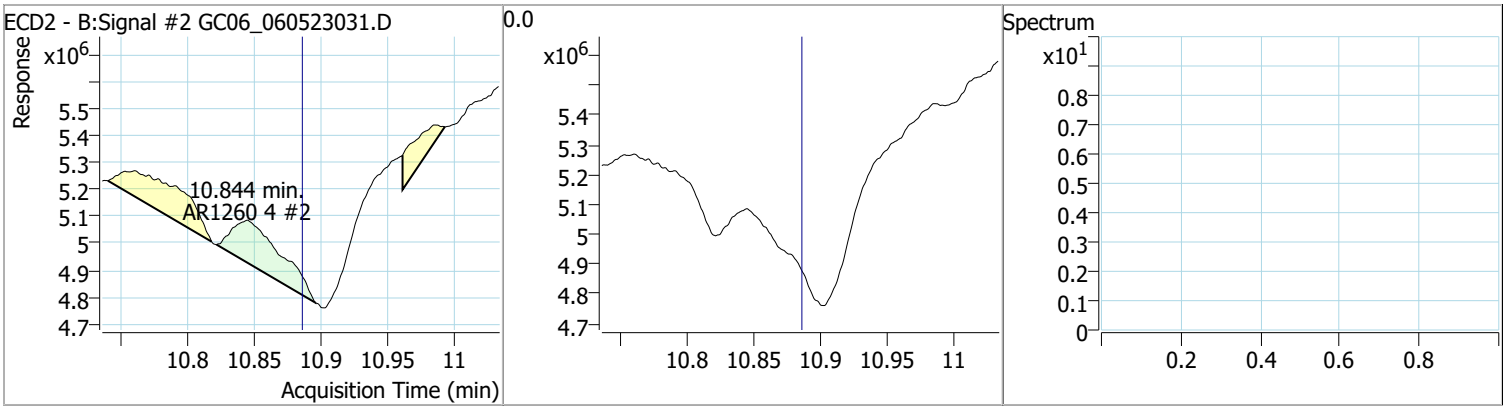
Compound	Conc.	Exp RT	QIon	Exp Ratio
AR1260 3 #2	N.D.	10.46		



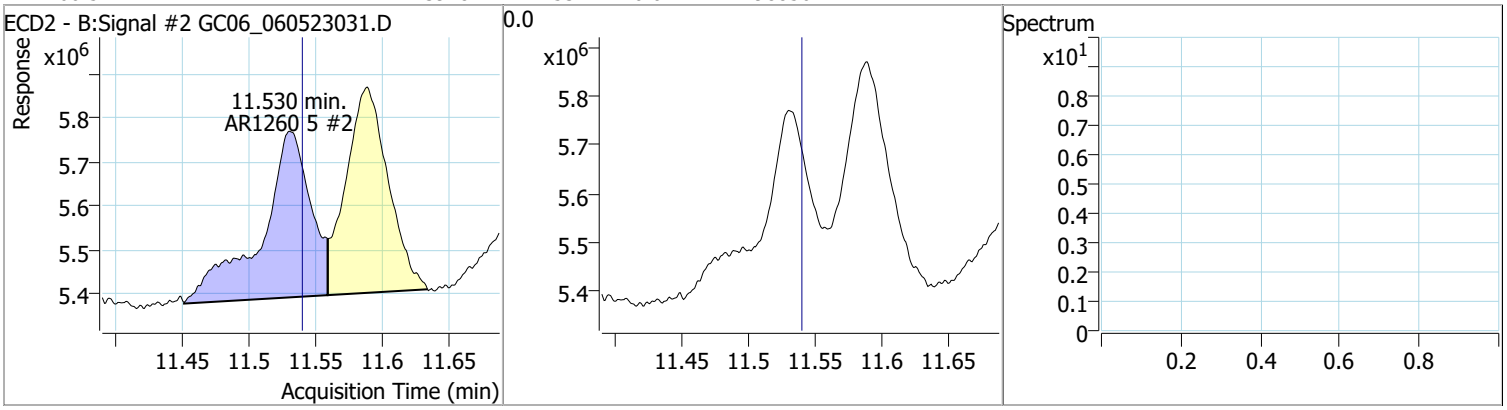
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	8.0787	10.56	-0.08	144871				



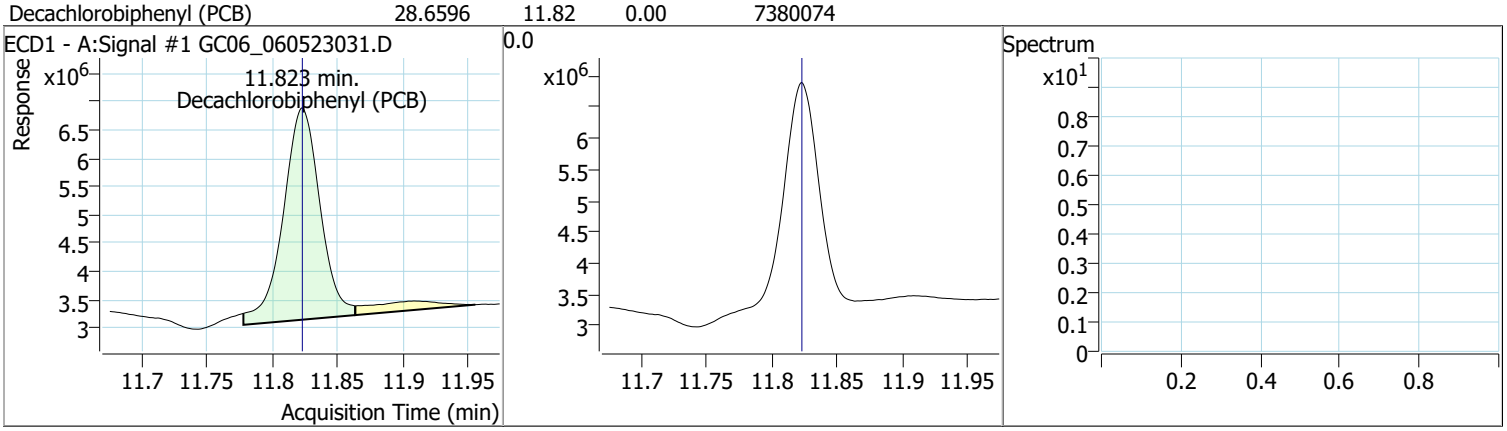
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	17.3546	10.84	-0.04	432016				



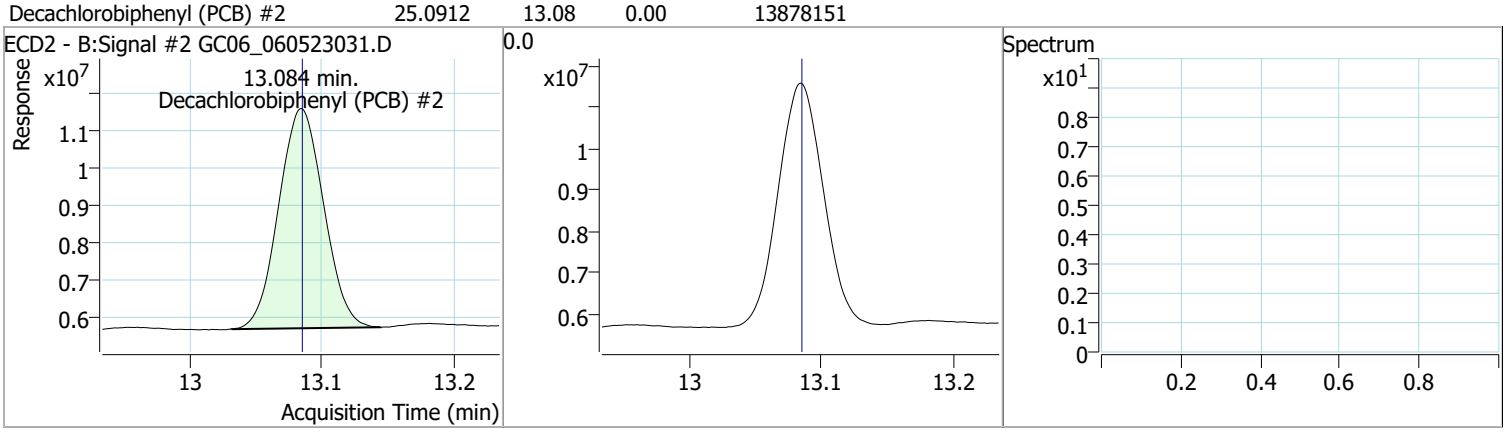
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	27.3978	11.53	-0.01	988562				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	28.6596	11.82	0.00	7380074				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	25.0912	13.08	0.00	13878151				



ENTHALPY SAMPLE USER REPORT FOR EPA 8082

Inst:	SVOA-GC06	Lab ID:	486134-009	Client ID:	AFRAME-C7E-LAT-L3-EXT-1 TO 2-230601-P-WF
Seqnum:	453225344032	Matrix:	Wipe	Acct:	RINCON-BERK (JG)
File:	gc06_060523032	Batch:	315386	Time:	05-JUN-2023 20:52
Cal:	453205686001	Caldate:	22-MAY-2023		
IDF:	1.0	Raw Units:	ug/L	Units:	ug/dm2

- 1.00 dm2 ⇨ 10.0 ml = 10.0 ml/dm2 PDF

Analyte	Ch	Raw	Result	Conf	RPD	RL	Blank	Flags
Aroclor-1016	B	60.49	~~0.60~~ ~~FP~~	0.46	28%	0.50		x u
Aroclor-1016 Peak # 1	B	152.2	1.52	1.17	26%			
Aroclor-1016 Peak # 2	B	127.3	1.27	0.26	133%			
Aroclor-1016 Peak # 3	B	10.25	0.10	0.76	153%			
Aroclor-1016 Peak # 4	B	1.463	0.01	ND				
Aroclor-1016 Peak # 5	B	11.23	0.11	0.09	19%			
Aroclor-1221	B		ND			0.50		u
Aroclor-1232	B		ND			0.50		u
Aroclor-1242	B		ND			0.50		u
Aroclor-1248	B		ND			0.50		u
Aroclor-1254	B		ND			0.50		u
Aroclor-1260	B	27.66	ND	0.42	41%	0.50		u
Aroclor-1260 Peak # 1	B	15.32	0.15	1.76	168%			
Aroclor-1260 Peak # 2	B	45.62	0.46	0.04	168%			
Aroclor-1260 Peak # 3	B	28.77	0.29	0.16	57%			
Aroclor-1260 Peak # 4	B	19.41	0.19	ND				
Aroclor-1260 Peak # 5	B	29.19	0.29	0.15	65%			
Aroclor-1262	B		ND			0.50		u
Aroclor-1268	B		ND			0.50		u

Surrogate	Ch	Raw	Spiked	Result	%Rec	Limits	Flags
TCMX (PCB)	B	28.62	0.5000	0.2862	57	19-121	c- u
Decachlorobiphenyl (PCB)	B	27.15	0.5000	0.2715	54	19-121	u

NO INTERNAL STANDARD REFERENCE RUN FOUND FOR CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV(internal standard: 1BR2NITROBZ1268, 1BR2NITROBZ1262, 1BR2NITROBZ1232, 1BR2NITROBZ1242, 1BR2NITROBZ1221)

ISTD (CCV gc06_060523003)	Ch	CCV Abund	SAMPLE Abund	%Drift
1-bromo-2-nitrobenzene (PCB)	B	8992413	9859593	9.64
1-bromo-2-nitrobenzene (PCB)	A	3431466	3591729	4.67

ISTD (ICAL gc06_060523009)	Ch	ICAL Abund	SAMPLE Abund	%Drift
1-bromo-2-nitrobenzene (1254)	B	9894264	**???**	**-100.00 ***
1-bromo-2-nitrobenzene (1254)	A	3688197	**???**	**-100.00 ***

ISTD (ICAL gc06_060523010)	Ch	ICAL Abund	SAMPLE Abund	%Drift
1-bromo-2-nitrobenzene (1248)	A	3562631	**???**	**-100.00 ***
1-bromo-2-nitrobenzene (1248)	B	9640375	**???**	**-100.00 ***

NO INTERNAL STANDARD REFERENCE RUN FOUND FOR CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV(internal standard: 1BR2NITROBZ1268, 1BR2NITROBZ1262, 1BR2NITROBZ1232, 1BR2NITROBZ1242, 1BR2NITROBZ1221)

ISTD (CCV gc06_060523003)	Ch	CCV RT	SAMPLE RT	Drift
1-bromo-2-nitrobenzene (PCB)	B	4.36	4.35	-0.01
1-bromo-2-nitrobenzene (PCB)	A	4.13	4.13	0.00

ISTD (ICAL gc06_060523009)	Ch	ICAL RT	SAMPLE RT	Drift
1-bromo-2-nitrobenzene (1254)	B	4.36	**???**	
1-bromo-2-nitrobenzene (1254)	A	4.13	**???**	

ISTD (ICAL gc06_060523010)	Ch	ICAL RT	SAMPLE RT	Drift
1-bromo-2-nitrobenzene (1248)	A	4.13	**???**	
1-bromo-2-nitrobenzene (1248)	B	4.36	**???**	

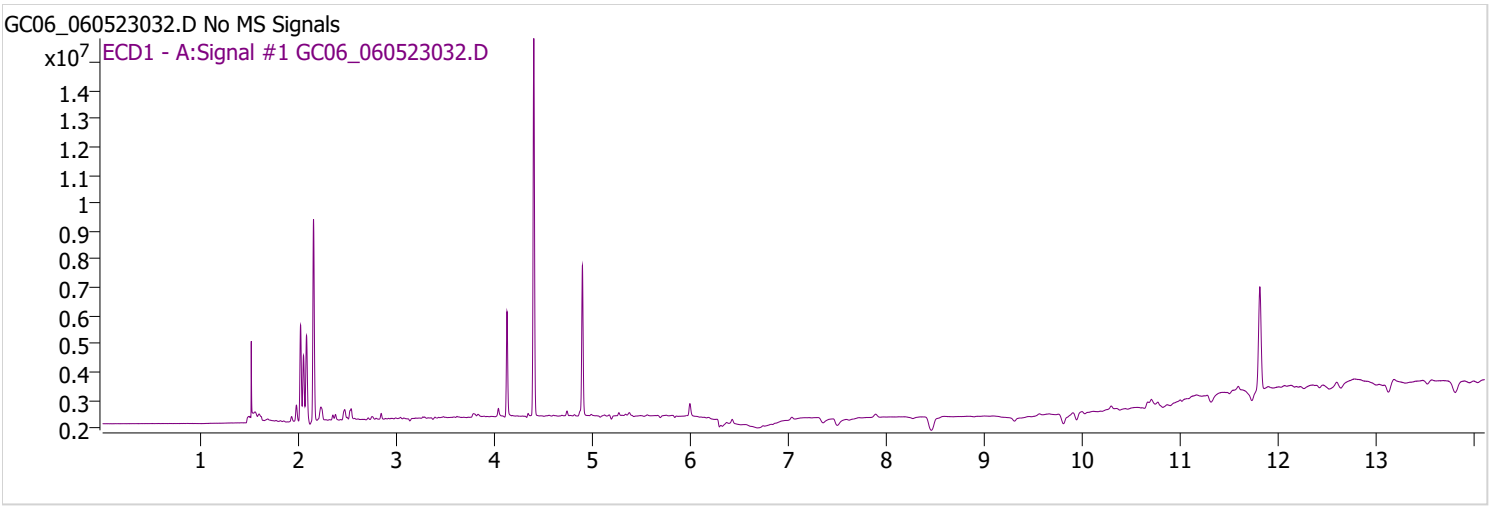
06/08/23 : WIPE/1DM^2-10ML

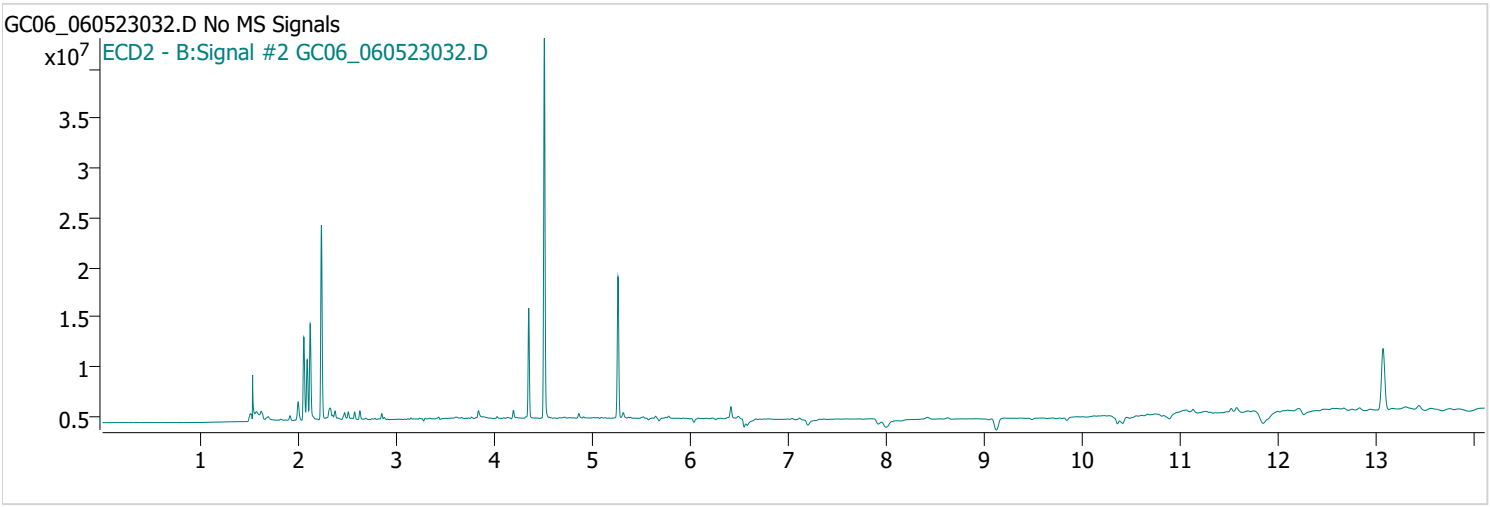
-=low bias c=CCV u=use x=false positive

Analyst: MES 06/08/23 **Reviewer:** MTS 06/08/23

Quantitation Results Report (Not Reviewed)

Data File	GC06_060523032.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	6/5/2023 8:52:53 PM
Sample Name	486134-009, 315386, 1	Instrument	SVOA-GC06
Vial	19	Multiplier	1.00
DA Method File	PCB_608_052323_GC06_9.m	Comment	WIPE/1DM^2-10ML
Tune File	ATUNE.U	Tune Date	
Batch Name	060523PCB.batch.bin	Last Calib Update	5/23/2023 1:46:10 PM
Ref Library			



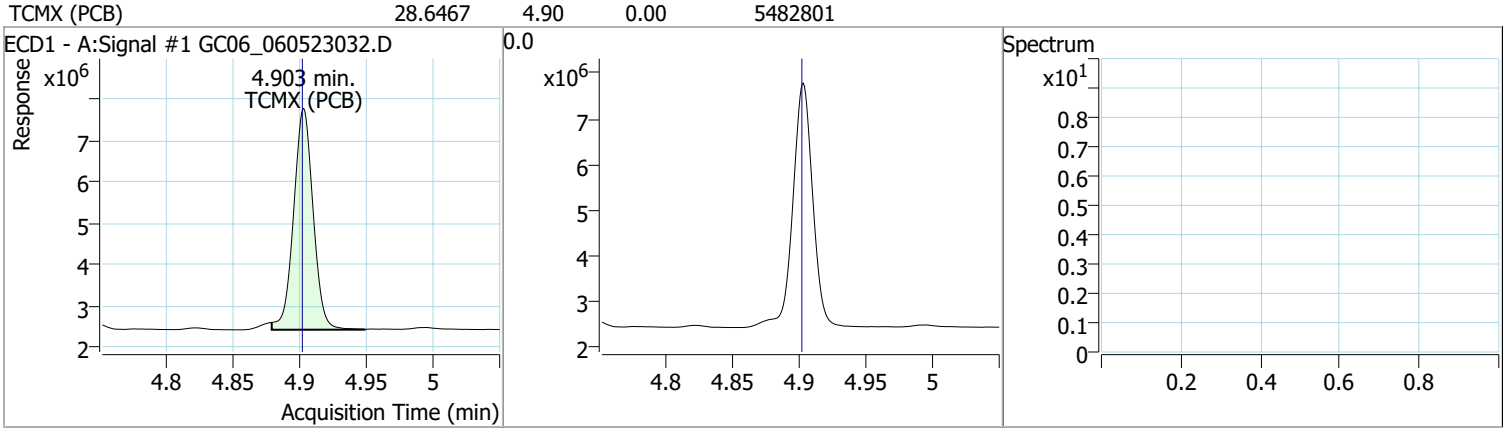


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1-bromo-2-nitrobenzene (PCB)	4.133	0.0	3591729.050	20.0000	ng/ml		-0.002
M 1-bromo-2-nitrobenzene (PCB) #2	4.354	0.0	9859592.913	20.0000	ng/ml		-0.001
System Monitoring Compounds							
S TCMX (PCB)	4.903	0.0	5482800.699	28.6467	ng/ml		0.000
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 143.23%			
S TCMX (PCB) #2	5.267	0.0	14967016.481	28.6173	ng/ml		0.000
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 143.09%			
S Decachlorobiphenyl (PCB)	11.824	0.0	7778062.077	32.4528	ng/ml		-0.002
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 162.26%		*	
S Decachlorobiphenyl (PCB) #2	13.083	0.0	14134417.892	27.1464	ng/ml		-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 135.73%			
Target Compounds							QValue

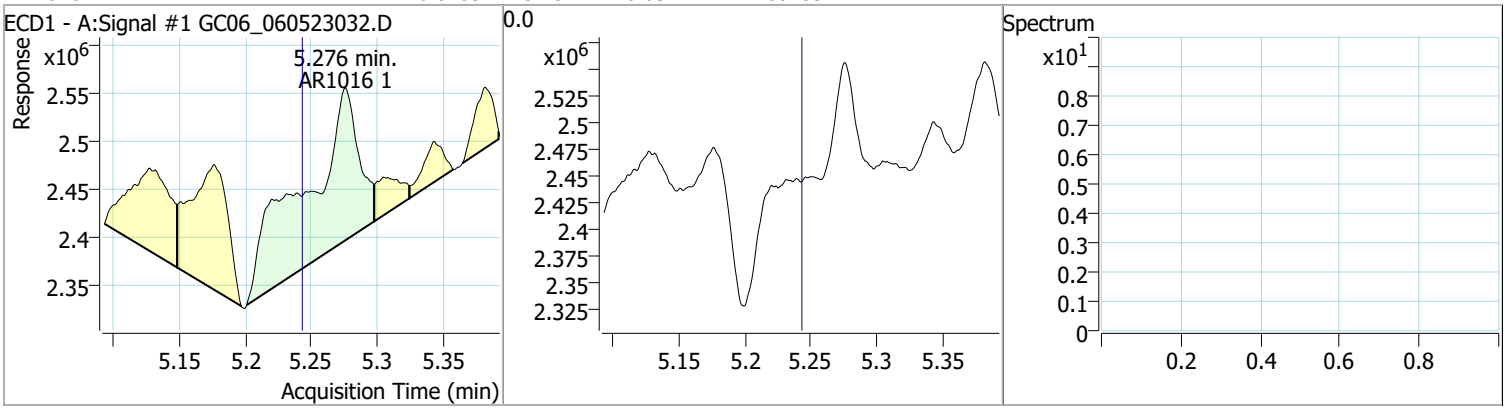
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T AR1016 1	5.276	0.0	468102.831	116.8483	ng/ml	100
T AR1016 2	5.565	0.0	208988.509	25.6961	ng/ml	100
T AR1016 1 #2	5.784	0.0	1563202.295	152.2154	ng/ml	100
T AR1016 3	6.001	0.0	794624.420	76.4405	ng/ml	100
T AR1016 2 #2	6.231	0.0	2937037.734	127.3141	ng/ml	100
T AR1016 4	0.000		0	N.D.		
T AR1016 5	6.318	0.0	44695.370	9.3271	ng/ml	100
T AR1016 3 #2	6.573	0.0	284611.249	10.2529	ng/ml	100
T AR1016 4 #2	6.843	0.0	29239.496	1.4635	ng/ml	100
T AR1016 5 #2	7.005	0.0	119693.173	11.2311	ng/ml	100
T AR1260 1	8.358	0.0	2087812.399	175.7786	ng/ml	100
T AR1260 2	9.008	0.0	71380.195	3.9367	ng/ml	100
T AR1260 3	9.255	0.0	310350.375	16.0182	ng/ml	100
T AR1260 1 #2	9.718	0.0	426089.730	15.3237	ng/ml	100
T AR1260 4	0.000		0	N.D.		
T AR1260 2 #2	9.957	0.0	1430263.844	45.6213	ng/ml	100
T AR1260 3 #2	10.470	0.0	1154160.037	28.7681	ng/ml	100
T AR1260 5	10.573	0.0	247976.041	14.8573	ng/ml	100
T AR1260 4 #2	10.845	0.0	454827.197	19.4092	ng/ml	100
T AR1260 5 #2	11.532	0.0	991532.260	29.1920	ng/ml	100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

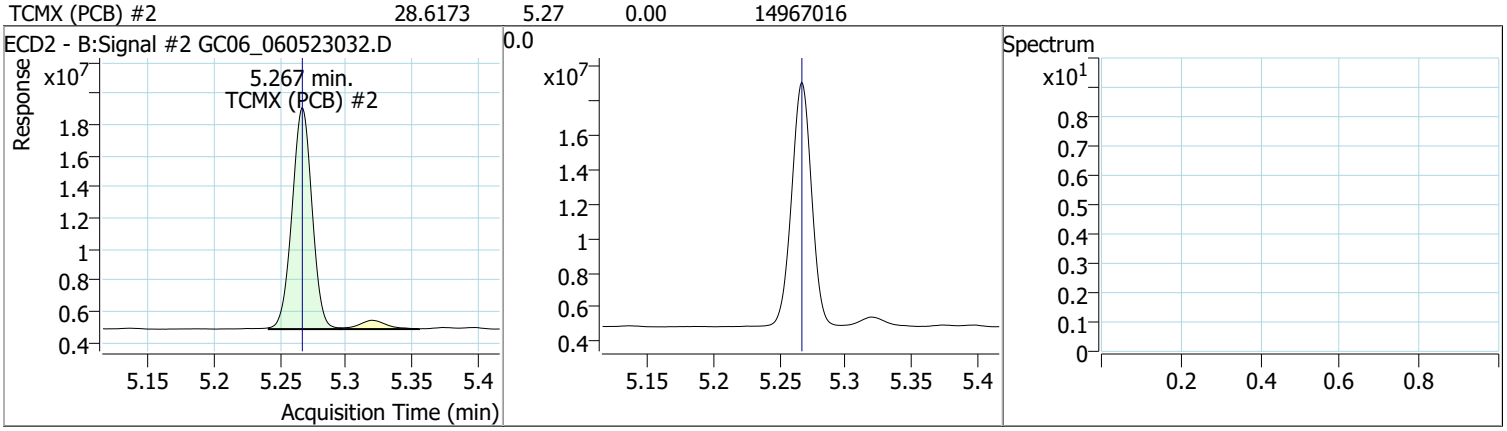
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	28.6467	4.90	0.00	5482801				



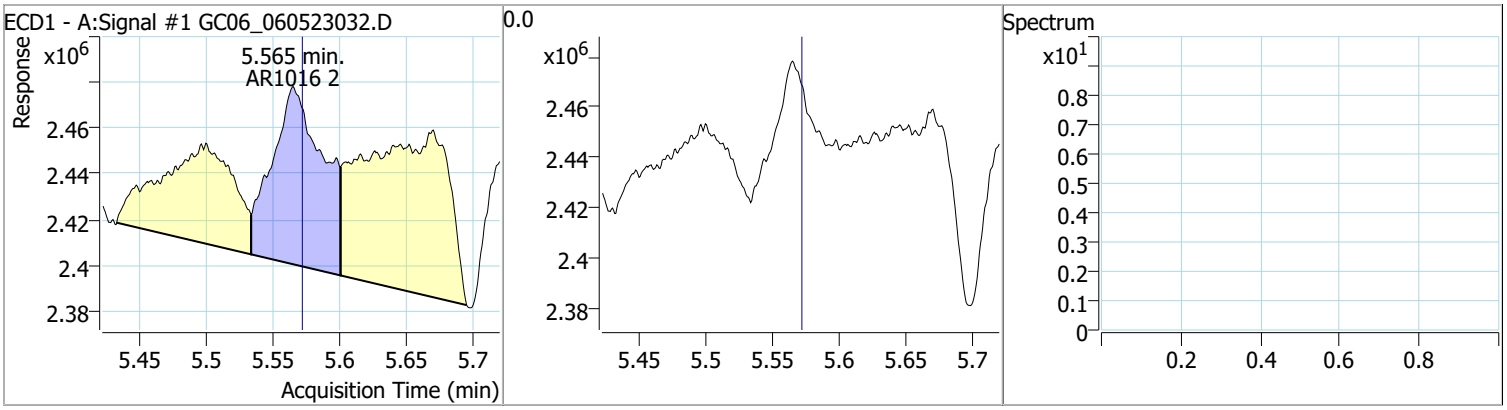
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	116.8483	5.28	0.03	468103				



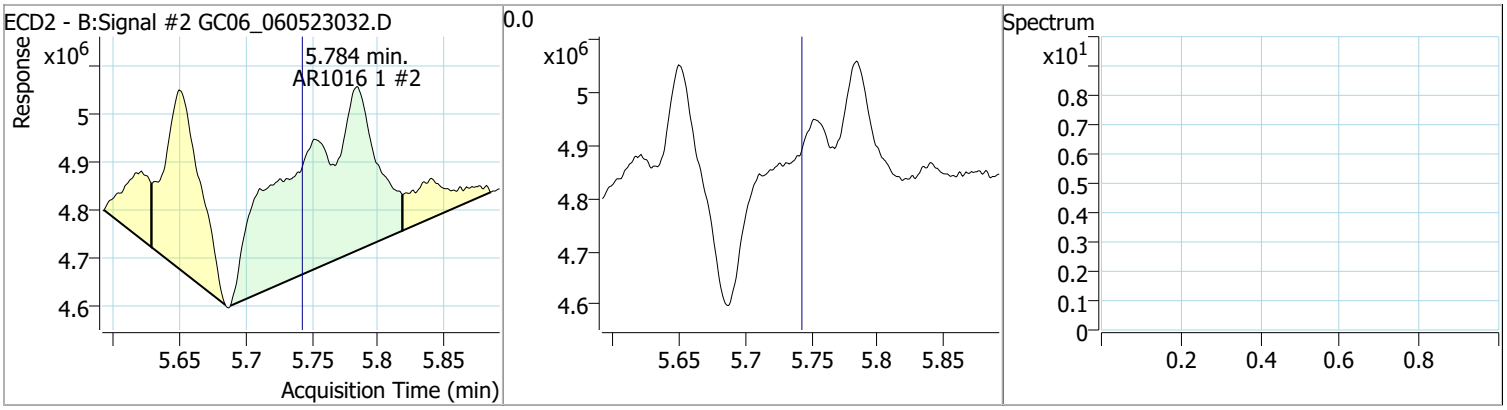
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB) #2	28.6173	5.27	0.00	14967016				



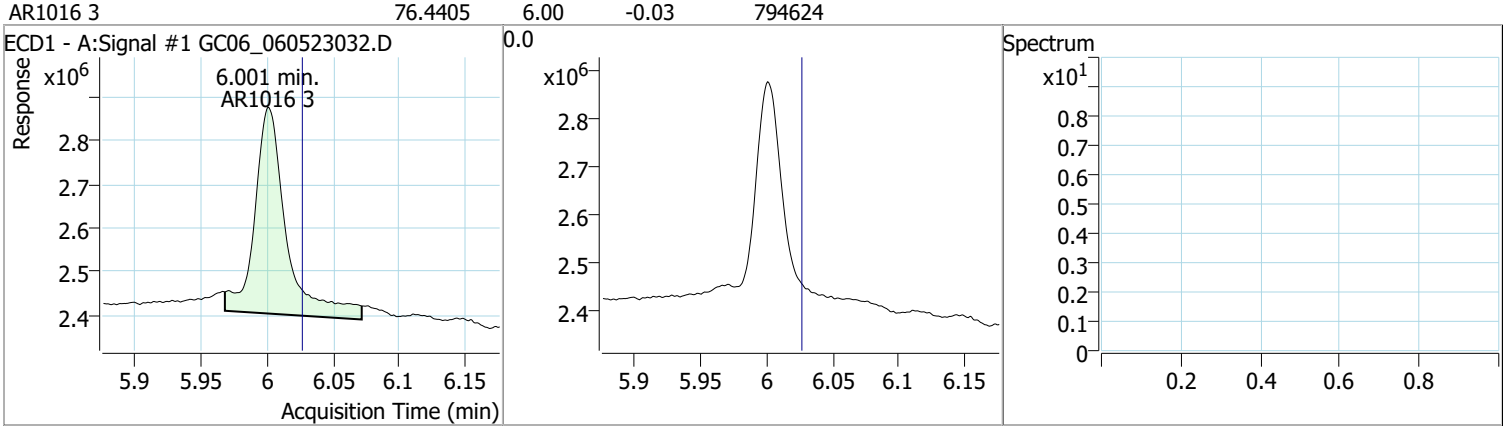
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	25.6961	5.57	-0.01	208989				



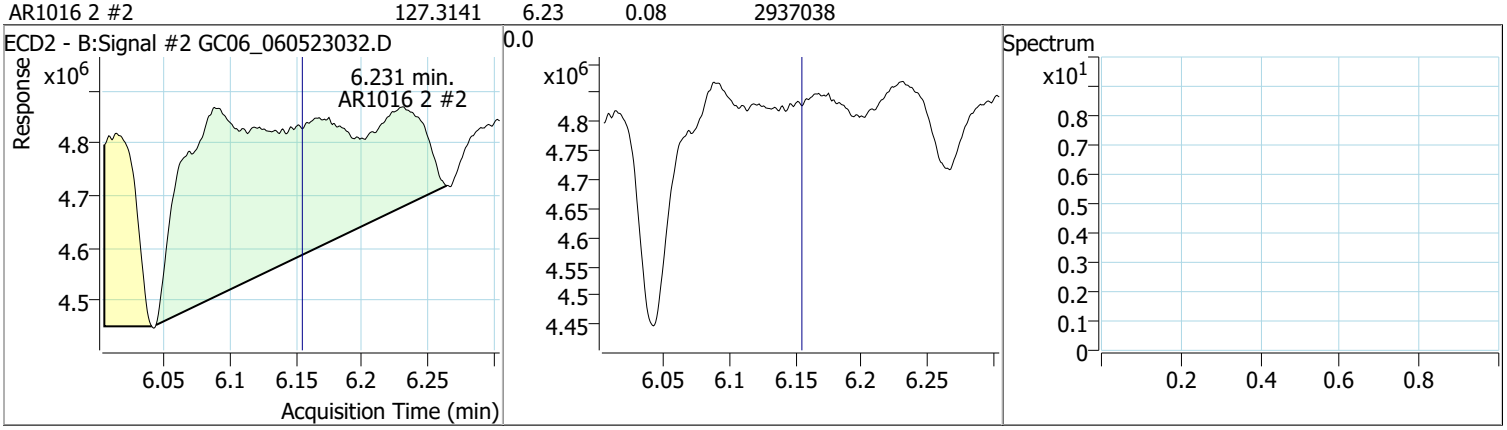
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1 #2	152.2154	5.78	0.04	1563202				



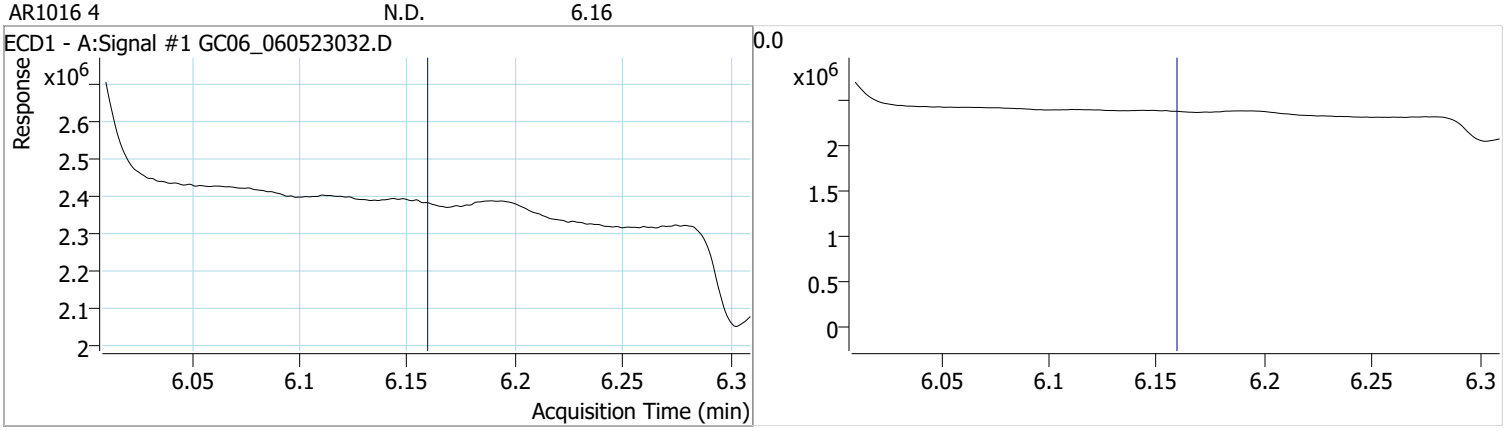
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	76.4405	6.00	-0.03	794624				



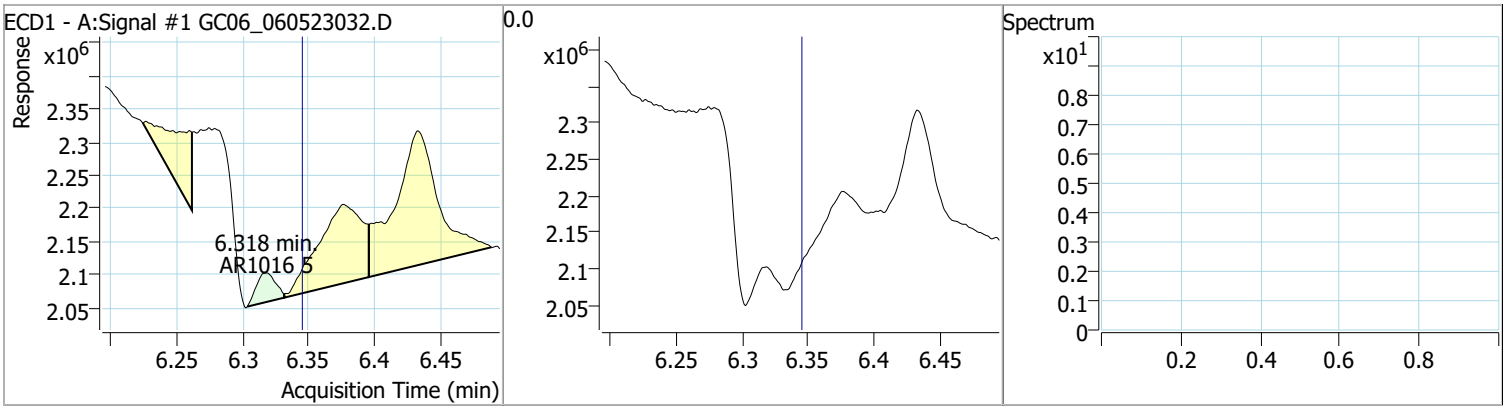
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	127.3141	6.23	0.08	2937038				



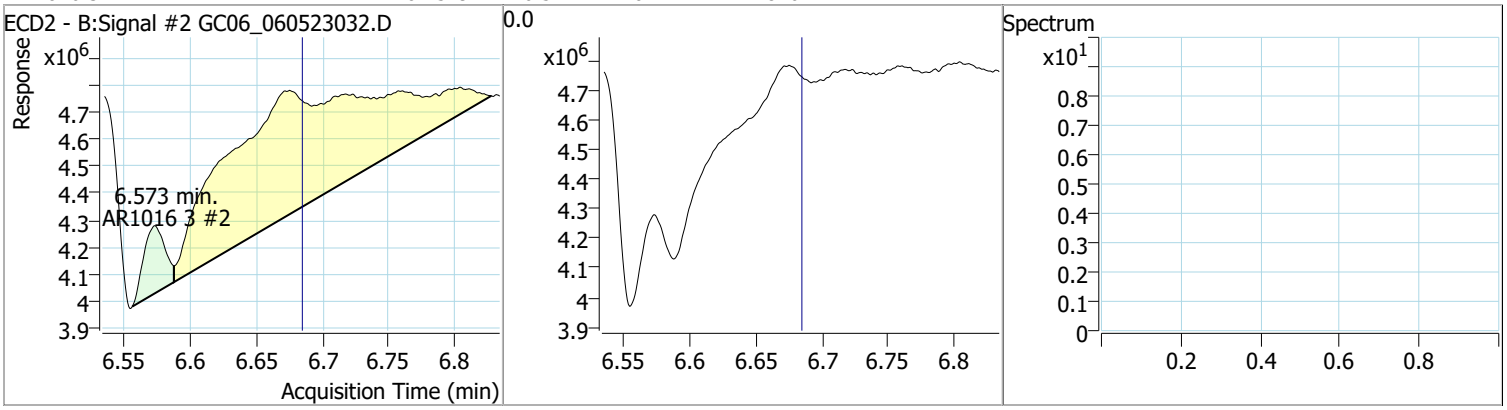
Compound	Conc.	Exp RT	QIon	Exp Ratio
AR1016 4	N.D.	6.16		



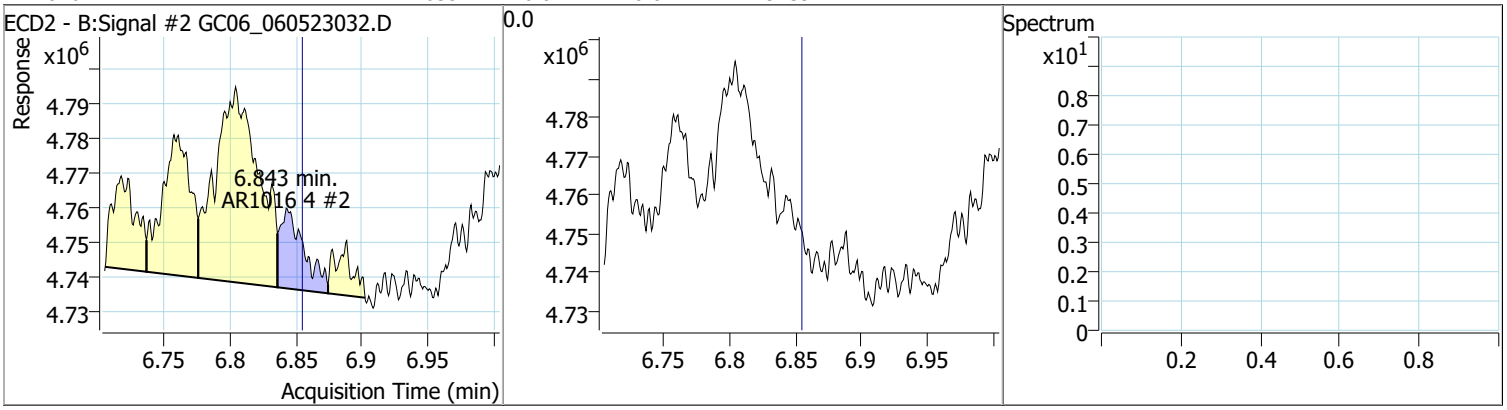
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	9.3271	6.32	-0.03	44695				



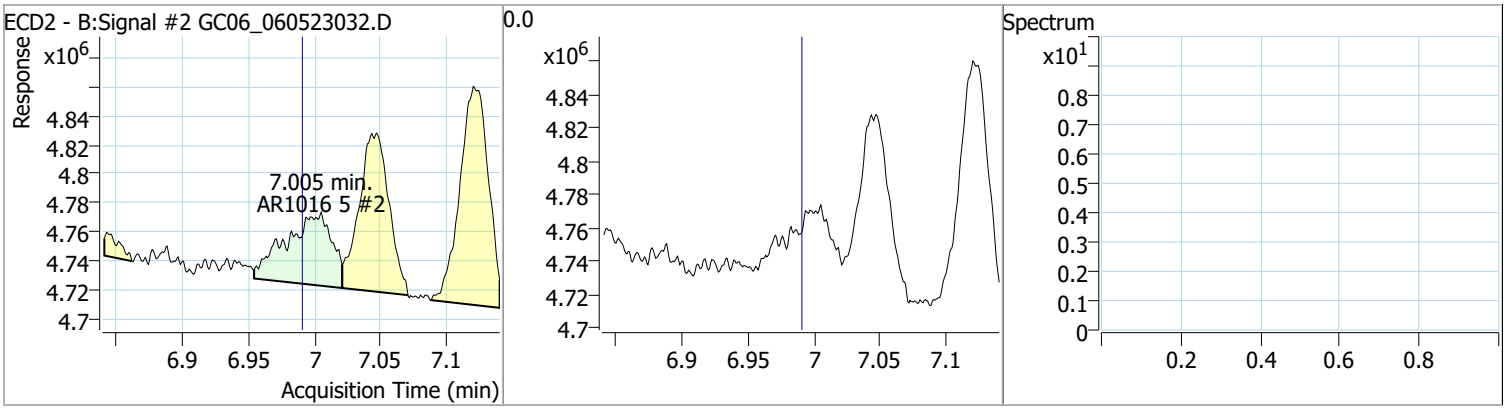
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	10.2529	6.57	-0.11	284611				



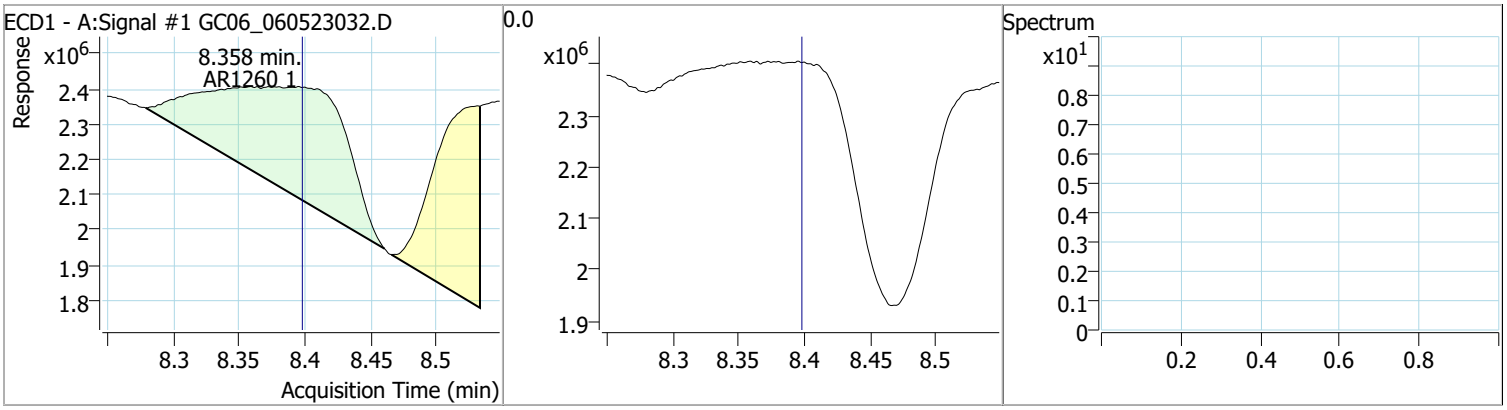
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4 #2	1.4635	6.84	-0.01	29239				



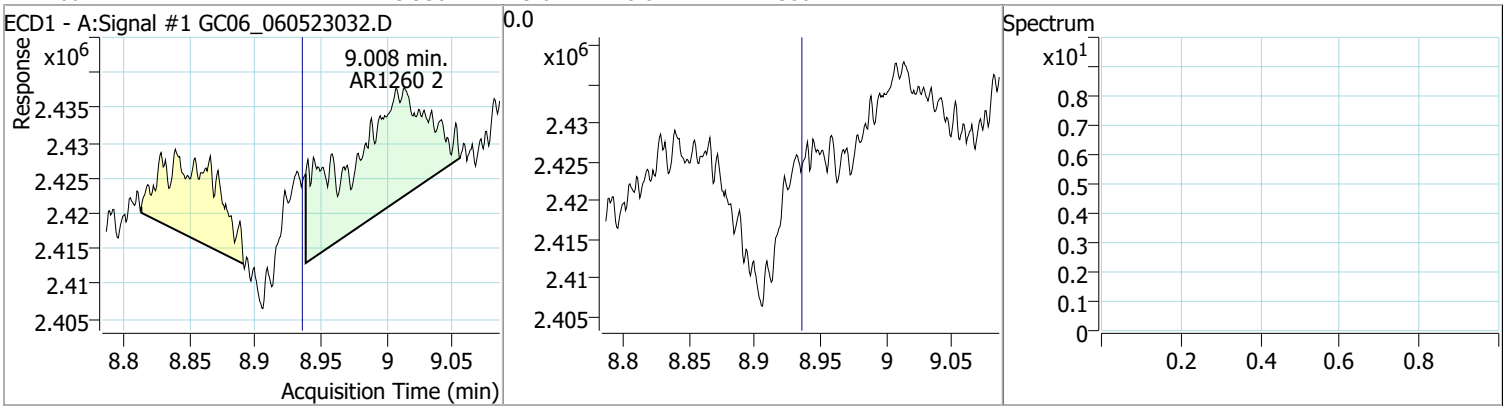
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	11.2311	7.01	0.01	119693				



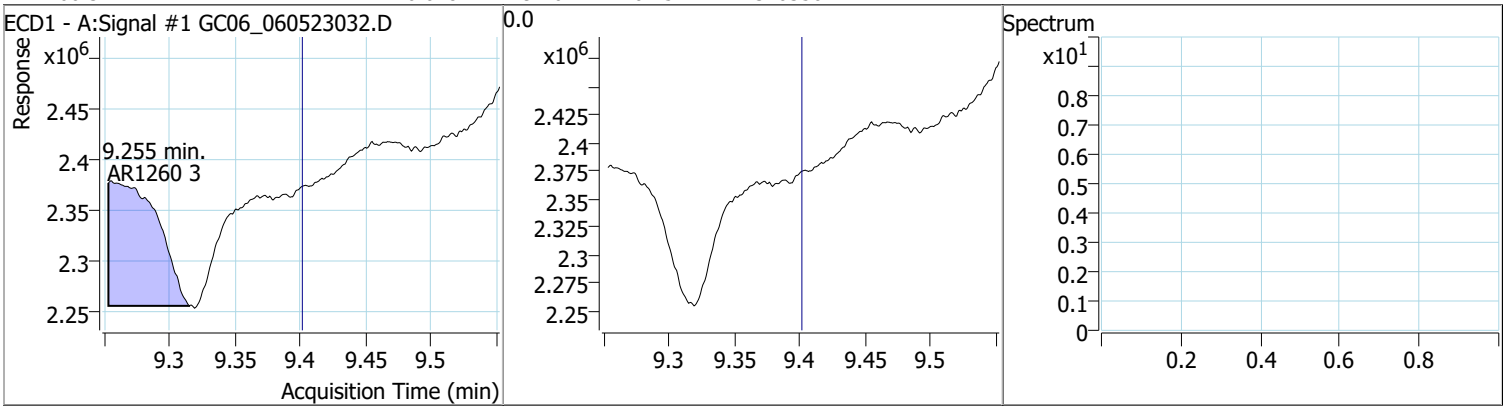
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	175.7786	8.36	-0.04	2087812				



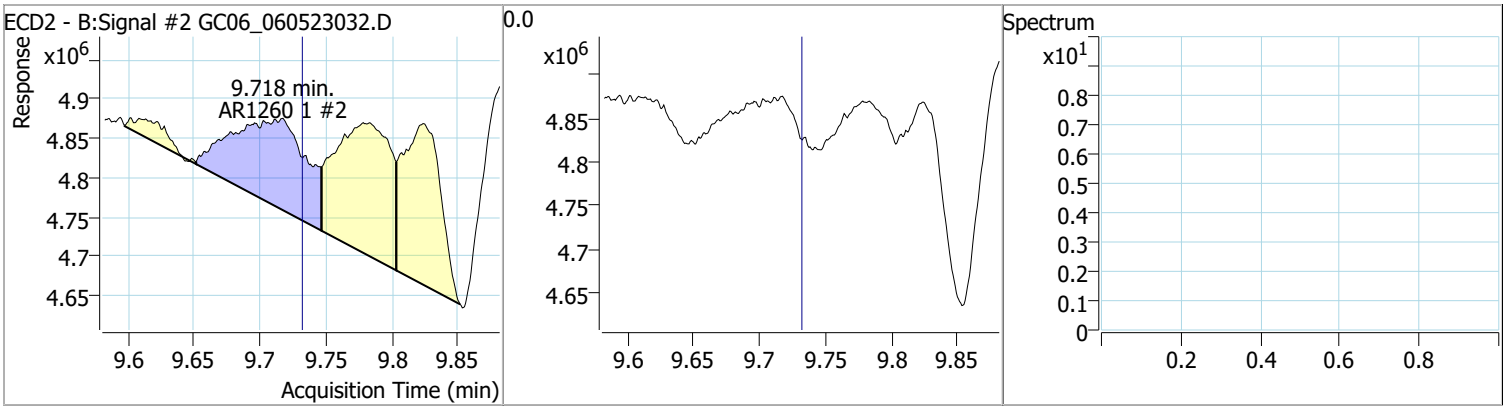
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	3.9367	9.01	0.07	71380				



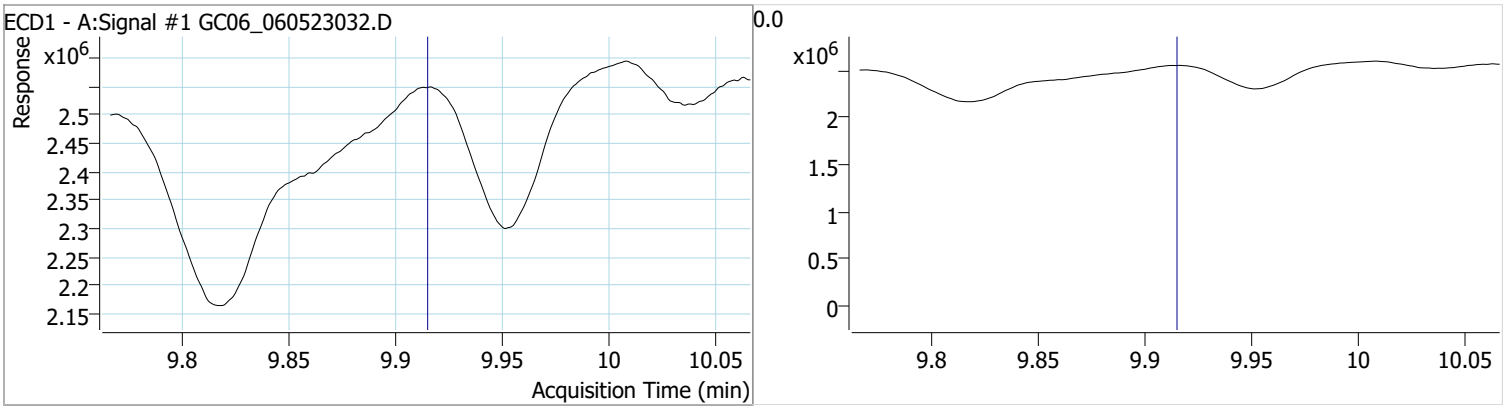
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3	16.0182	9.26	-0.15	310350				



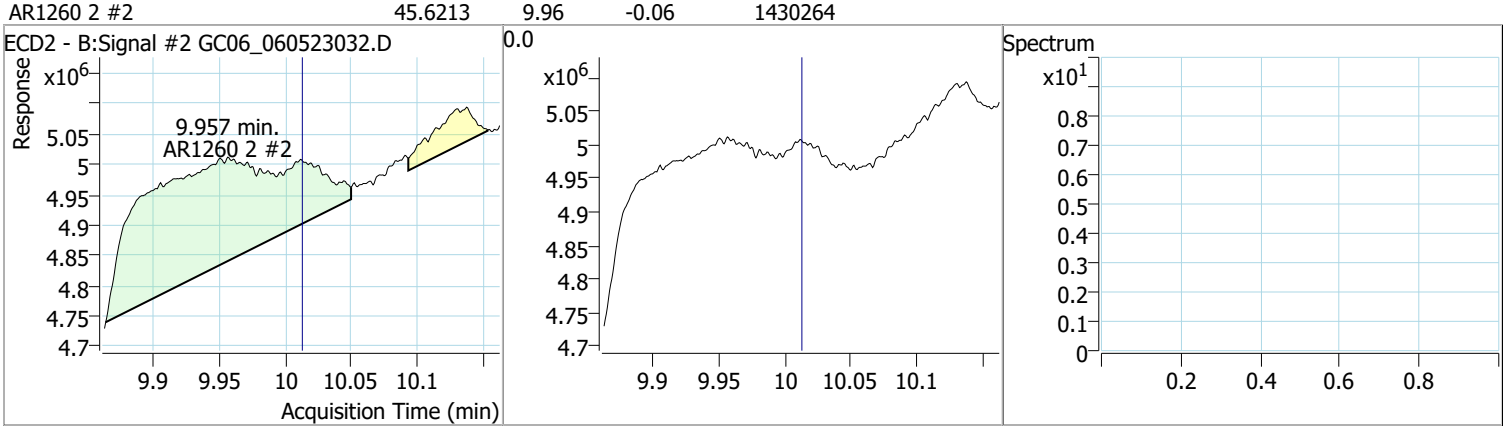
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1 #2	15.3237	9.72	-0.02	426090				



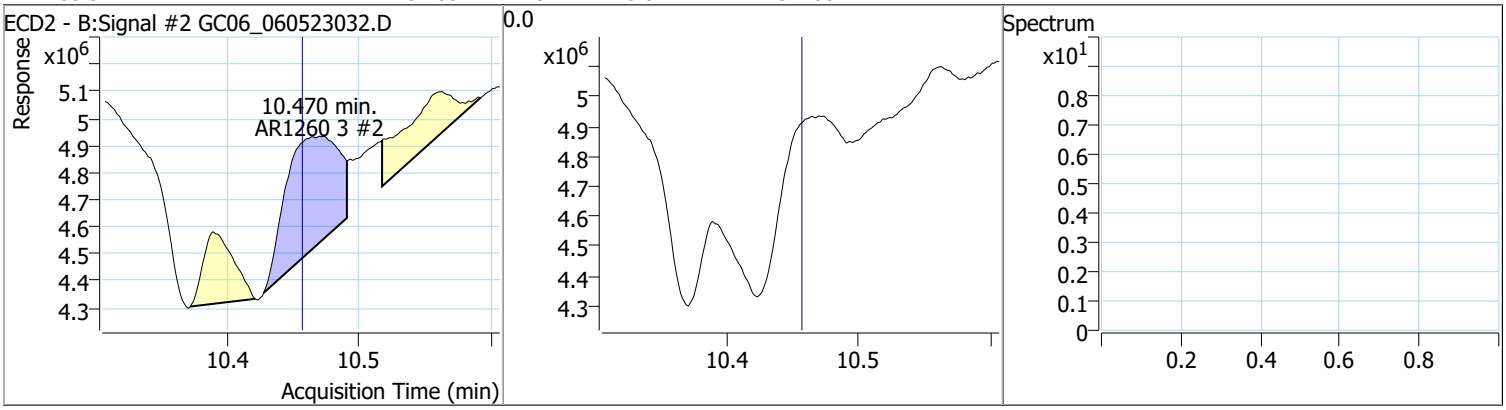
Compound	Conc.	Exp RT	QIon	Exp Ratio
AR1260 4	N.D.	9.92		



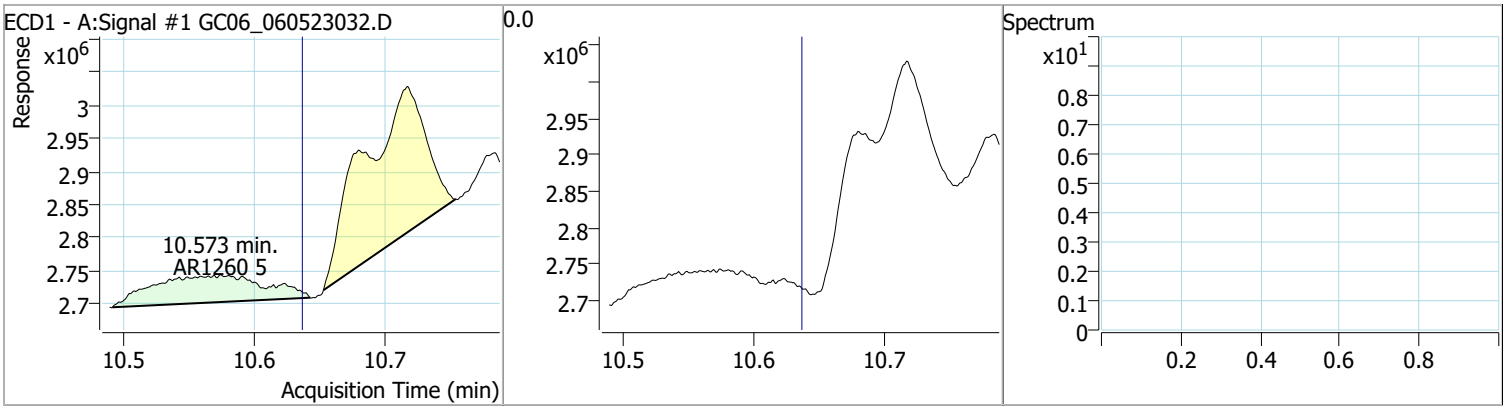
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	45.6213	9.96	-0.06	1430264				



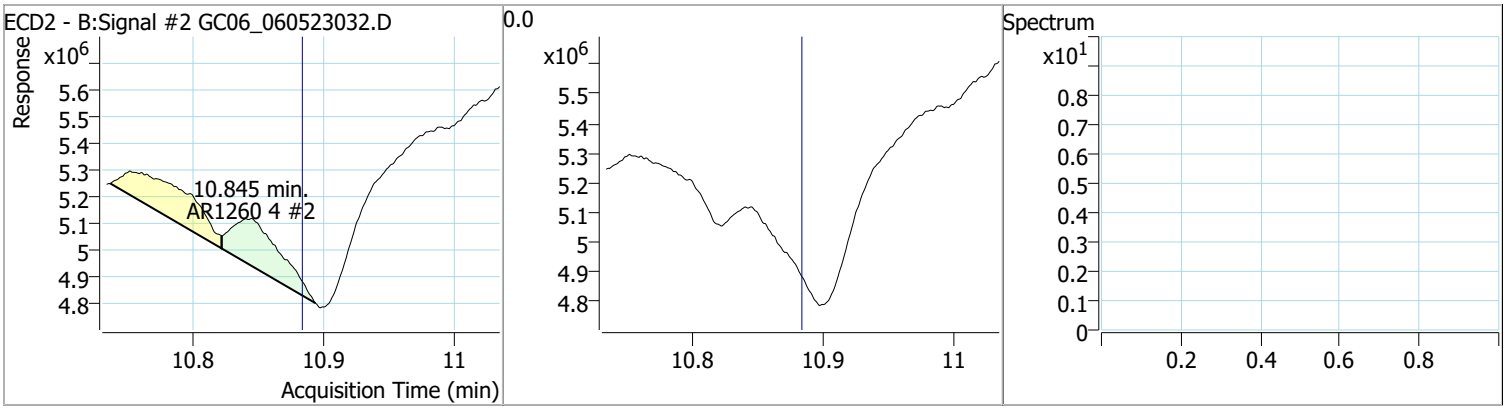
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3 #2	28.7681	10.47	0.01	1154160				



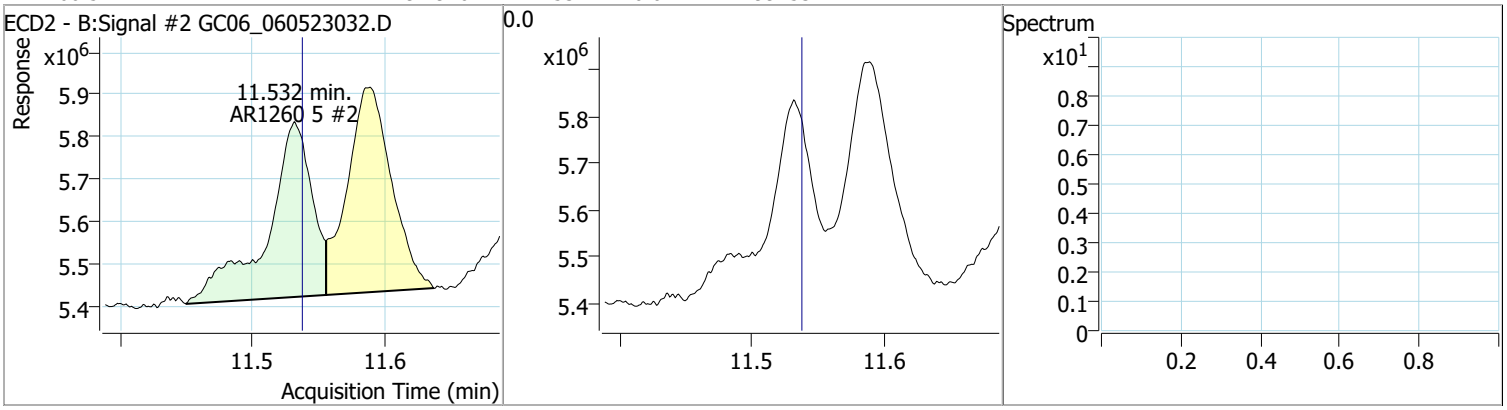
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	14.8573	10.57	-0.07	247976				



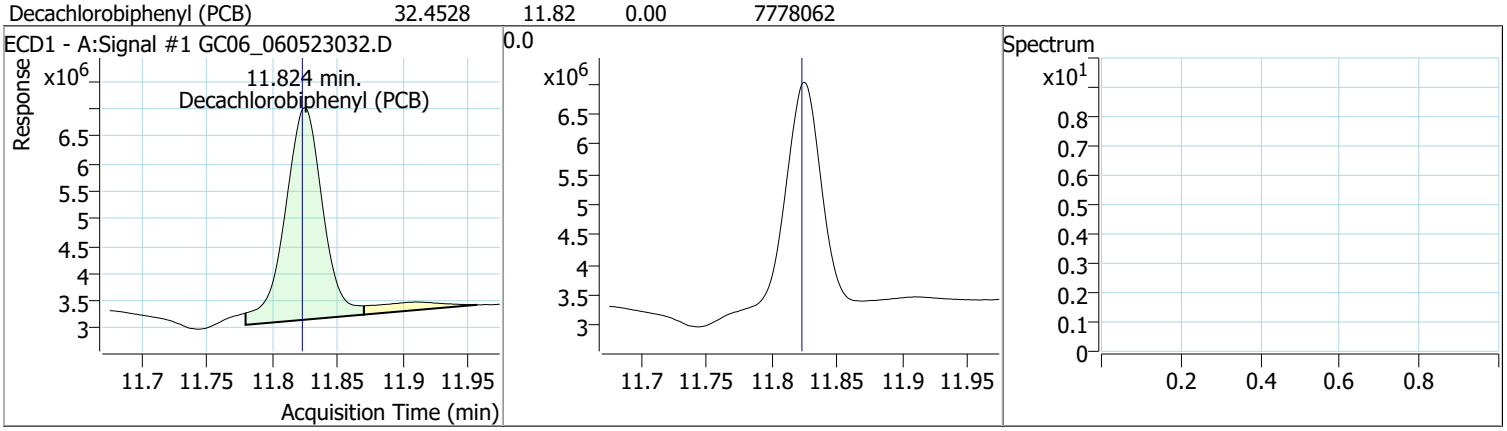
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	19.4092	10.85	-0.04	454827				



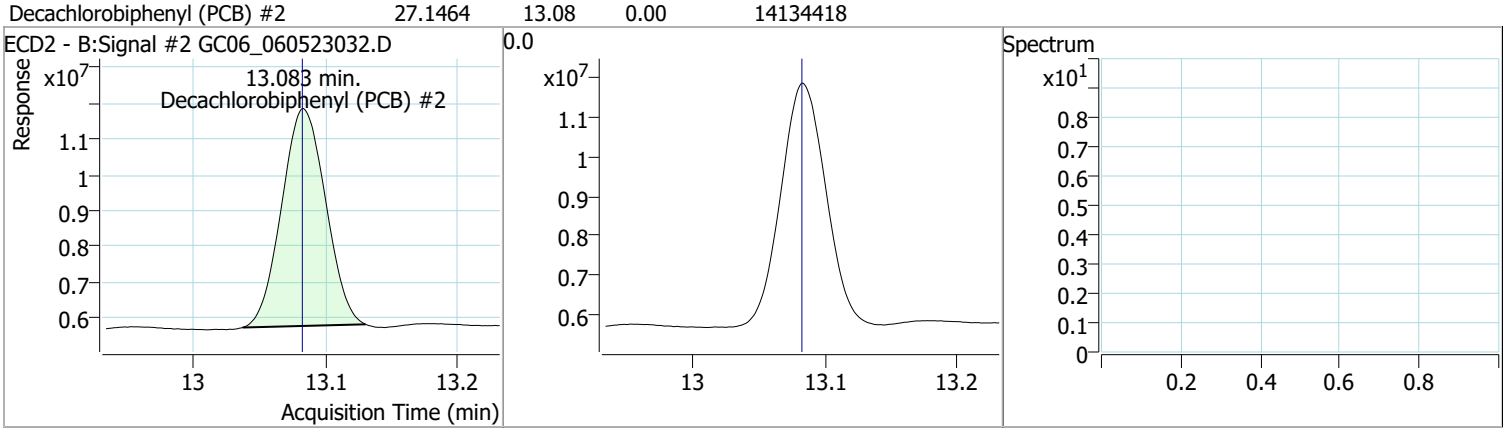
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	29.1920	11.53	-0.01	991532				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	32.4528	11.82	0.00	7778062				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	27.1464	13.08	0.00	14134418				



ENTHALPY SAMPLE USER REPORT FOR EPA 8082

Inst:	SVOA-GC06	Lab ID:	486134-012	Client ID:	AFRAME-C7E-LAT-L3-UP-C7.1-DG-230601-P-LA
Seqnum:	453225344033	Matrix:	Wipe	Acct:	RINCON-BERK (JG)
File:	gc06_060523033	Batch:	315386	Time:	05-JUN-2023 21:11
Cal:	453205686001	Caldate:	22-MAY-2023		
IDF:	1.0	Raw Units:	ug/L	Units:	ug/dm2

- 1.00 dm2 ⇨ 10.0 ml = 10.0 ml/dm2 PDF

Analyte	Ch	Raw	Result	Conf	RPD	RL	Blank	Flags
Aroclor-1016	B	78.40	~~0.78~~ ~~FP~~	1.7	75%	0.50		x u
Aroclor-1016 Peak # 1	B	104.5	1.04	0.65	47%			
Aroclor-1016 Peak # 2	B	126.6	1.27	0.18	150%			
Aroclor-1016 Peak # 3	B	136.3	1.36	4.21	102%			
Aroclor-1016 Peak # 4	B	7.985	0.08	2.93	189%			
Aroclor-1016 Peak # 5	B	16.69	0.17	0.61	114%			
Aroclor-1221	B		ND			0.50		u
Aroclor-1232	B		ND			0.50		u
Aroclor-1242	B		ND			0.50		u
Aroclor-1248	B		ND			0.50		u
Aroclor-1254	B		ND			0.50		u
Aroclor-1260	B	32.13	ND	0.44	30%	0.50		u
Aroclor-1260 Peak # 1	B	58.42	0.58	1.83	103%			
Aroclor-1260 Peak # 2	B	50.32	0.50	0.03	178%			
Aroclor-1260 Peak # 3	B	10.75	0.11	0.12	12%			
Aroclor-1260 Peak # 4	B	16.63	0.17	ND				
Aroclor-1260 Peak # 5	B	24.54	0.25	0.20	23%			
Aroclor-1262	B		ND			0.50		u
Aroclor-1268	B		ND			0.50		u

Surrogate	Ch	Raw	Spiked	Result	%Rec	Limits	Flags
TCMX (PCB)	B	28.93	0.5000	0.2893	58	19-121	c- u
Decachlorobiphenyl (PCB)	B	27.78	0.5000	0.2778	56	19-121	u

NO INTERNAL STANDARD REFERENCE RUN FOUND FOR CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV(internal standard: 1BR2NITROBZ1268, 1BR2NITROBZ1262, 1BR2NITROBZ1232, 1BR2NITROBZ1242, 1BR2NITROBZ1221)

ISTD (CCV gc06_060523003)	Ch	CCV Abund	SAMPLE Abund	%Drift
1-bromo-2-nitrobenzene (PCB)	B	8992413	10225461	13.71
1-bromo-2-nitrobenzene (PCB)	A	3431466	3762727	9.65

ISTD (ICAL gc06_060523009)	Ch	ICAL Abund	SAMPLE Abund	%Drift
1-bromo-2-nitrobenzene (1254)	B	9894264	**???**	**-100.00 ***
1-bromo-2-nitrobenzene (1254)	A	3688197	**???**	**-100.00 ***

ISTD (ICAL gc06_060523010)	Ch	ICAL Abund	SAMPLE Abund	%Drift
1-bromo-2-nitrobenzene (1248)	A	3562631	**???**	**-100.00 ***
1-bromo-2-nitrobenzene (1248)	B	9640375	**???**	**-100.00 ***

NO INTERNAL STANDARD REFERENCE RUN FOUND FOR CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV(internal standard: 1BR2NITROBZ1268, 1BR2NITROBZ1262, 1BR2NITROBZ1232, 1BR2NITROBZ1242, 1BR2NITROBZ1221)

ISTD (CCV gc06_060523003)	Ch	CCV RT	SAMPLE RT	Drift
1-bromo-2-nitrobenzene (PCB)	B	4.36	4.36	0.00
1-bromo-2-nitrobenzene (PCB)	A	4.13	4.13	0.00

ISTD (ICAL gc06_060523009)	Ch	ICAL RT	SAMPLE RT	Drift
1-bromo-2-nitrobenzene (1254)	B	4.36	**???**	
1-bromo-2-nitrobenzene (1254)	A	4.13	**???**	

ISTD (ICAL gc06_060523010)	Ch	ICAL RT	SAMPLE RT	Drift
1-bromo-2-nitrobenzene (1248)	A	4.13	**???**	
1-bromo-2-nitrobenzene (1248)	B	4.36	**???**	

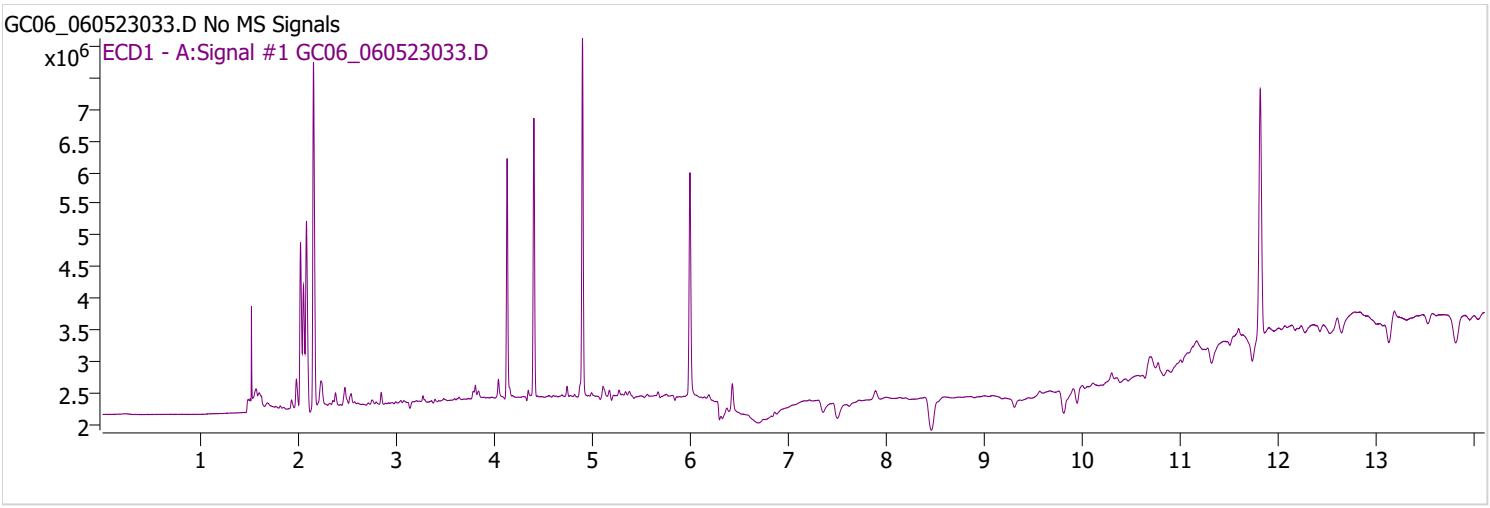
06/08/23 : WIPE/1DM^2-10ML

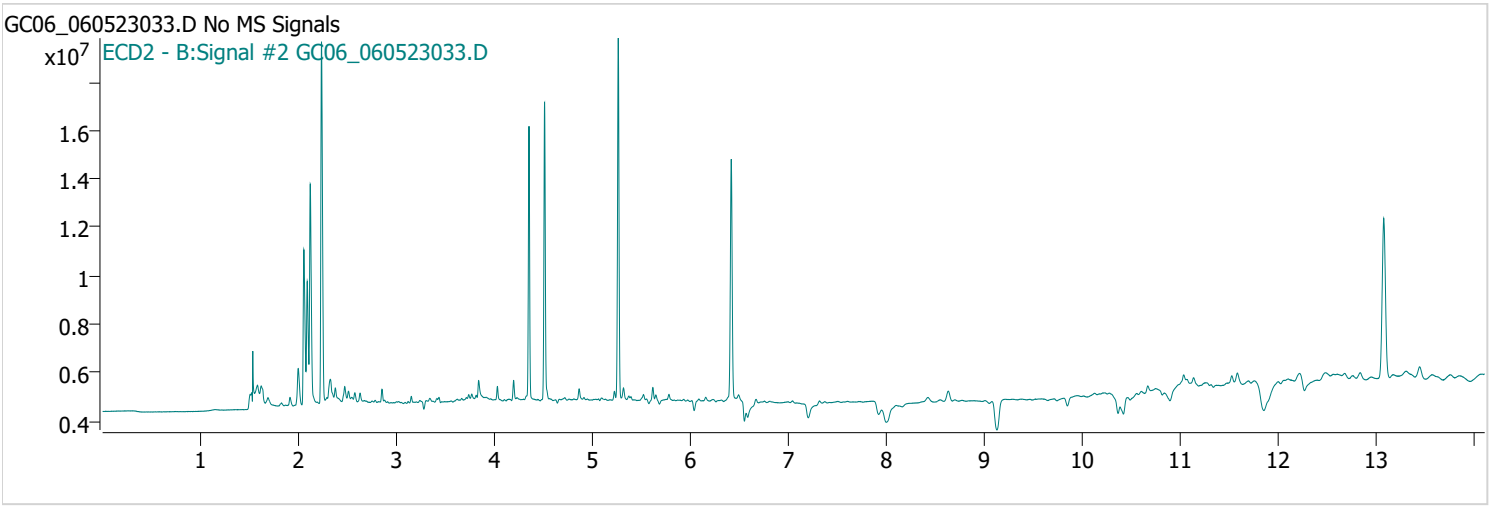
-=low bias c=CCV u=use x=false positive

Analyst: MES 06/08/23 **Reviewer:** MTS 06/08/23

Quantitation Results Report (Not Reviewed)

Data File	GC06_060523033.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	6/5/2023 9:11:10 PM
Sample Name	486134-012, 315386, 1	Instrument	SVOA-GC06
Vial	20	Multiplier	1.00
DA Method File	PCB_608_052323_GC06_9.m	Comment	WIPE/1DM^2-10ML
Tune File	ATUNE.U	Tune Date	
Batch Name	060523PCB.batch.bin	Last Calib Update	5/23/2023 1:46:10 PM
Ref Library			



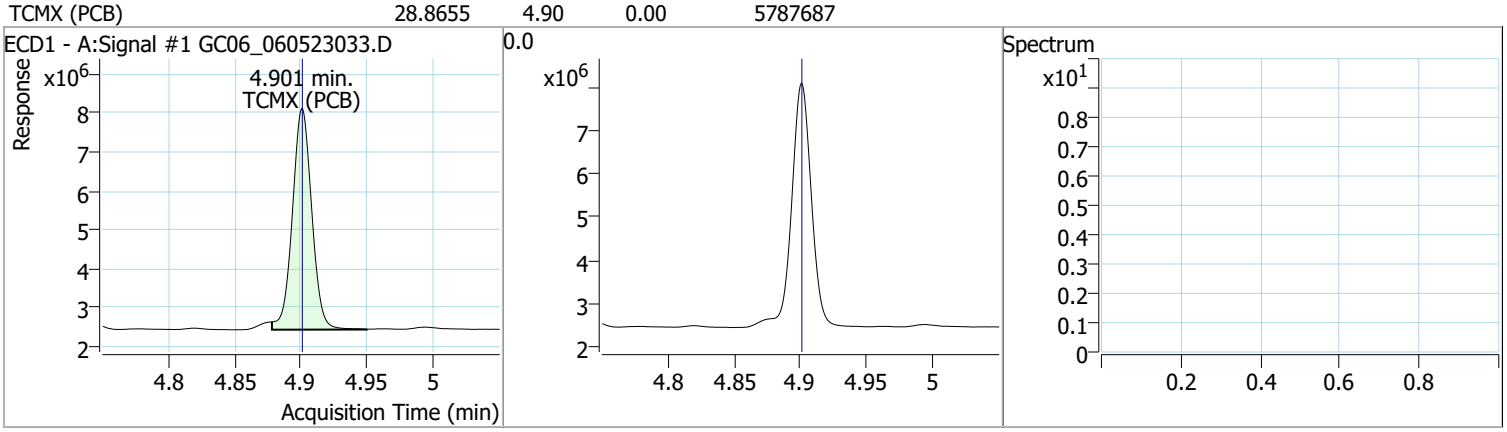


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1-bromo-2-nitrobenzene (PCB)	4.132	0.0	3762727.444	20.0000	ng/ml		-0.002
M 1-bromo-2-nitrobenzene (PCB) #2	4.355	0.0	10225461.213	20.0000	ng/ml		0.000
System Monitoring Compounds							
S TCMX (PCB)	4.901	0.0	5787686.500	28.8655	ng/ml		-0.002
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 144.33%			
S TCMX (PCB) #2	5.266	0.0	15694172.995	28.9340	ng/ml		-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 144.67%			
S Decachlorobiphenyl (PCB)	11.822	0.0	8162539.921	32.5093	ng/ml		-0.004
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 162.55%		*	
S Decachlorobiphenyl (PCB) #2	13.083	0.0	15000001.637	27.7780	ng/ml		-0.002
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 138.89%			
Target Compounds							QValue

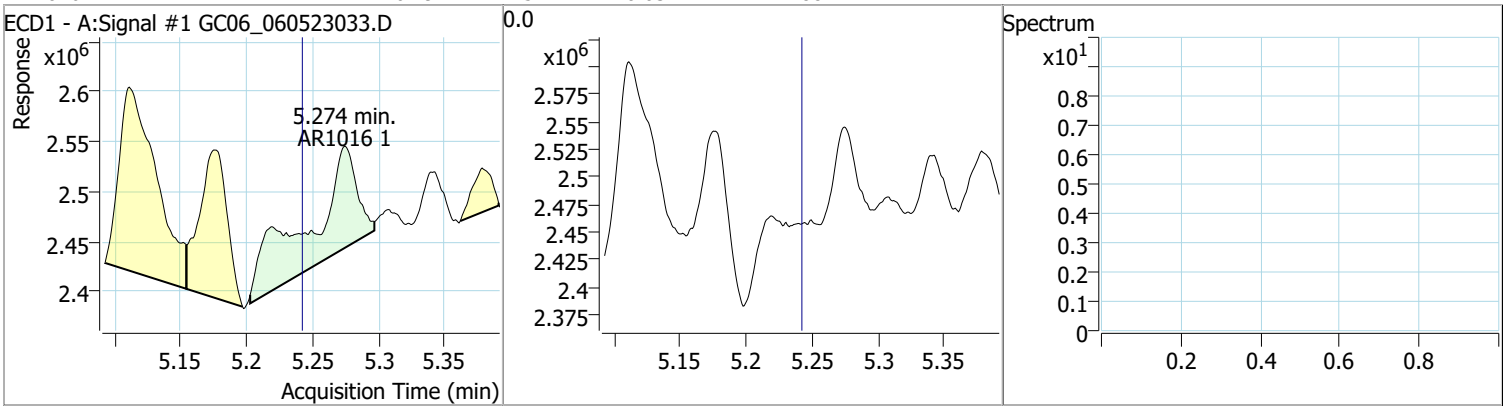
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T AR1016 1	5.274	0.0	272488.351	64.9277	ng/ml	100
T AR1016 2	5.497	0.0	153991.863	18.0735	ng/ml	100
T AR1016 1 #2	5.784	0.0	1112726.897	104.4740	ng/ml	100
T AR1016 3	5.998	0.0	4584148.995	420.9410	ng/ml	100
T AR1016 2 #2	6.160	0.0	3027926.339	126.5576	ng/ml	100
T AR1016 4	6.192	0.0	1923522.962	293.0437	ng/ml	100
T AR1016 5	6.376	0.0	305627.856	60.8805	ng/ml	100
T AR1016 3 #2	6.674	0.0	3924361.944	136.3142	ng/ml	100
T AR1016 4 #2	6.813	0.0	165458.372	7.9852	ng/ml	100
T AR1016 5 #2	6.998	0.0	184462.746	16.6893	ng/ml	100
T AR1260 1	8.393	0.0	2276804.225	182.9790	ng/ml	100
T AR1260 2	9.003	0.0	55485.123	2.9210	ng/ml	100
T AR1260 3	9.453	0.0	244874.833	12.0645	ng/ml	100
T AR1260 1 #2	9.816	0.0	1684657.509	58.4185	ng/ml	100
T AR1260 4	0.000		0	N.D.		
T AR1260 2 #2	9.963	0.0	1636175.412	50.3220	ng/ml	100
T AR1260 3 #2	10.389	0.0	447203.321	10.7480	ng/ml	100
T AR1260 5	10.621	0.0	341933.303	19.5557	ng/ml	100
T AR1260 4 #2	10.845	0.0	404191.667	16.6312	ng/ml	100
T AR1260 5 #2	11.532	0.0	864344.806	24.5369	ng/ml	100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

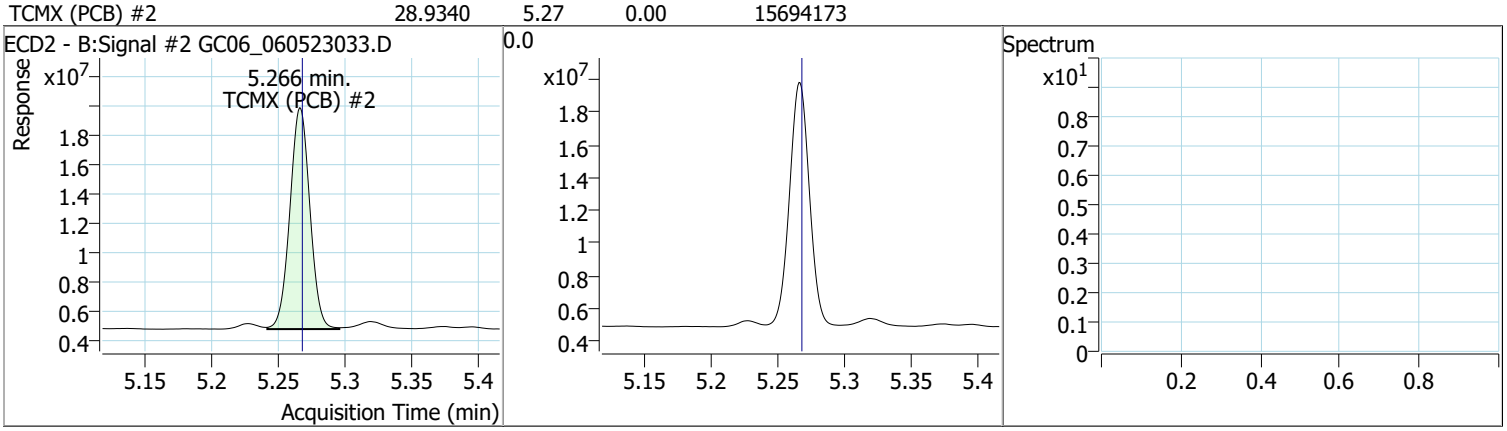
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	28.8655	4.90	0.00	5787687				



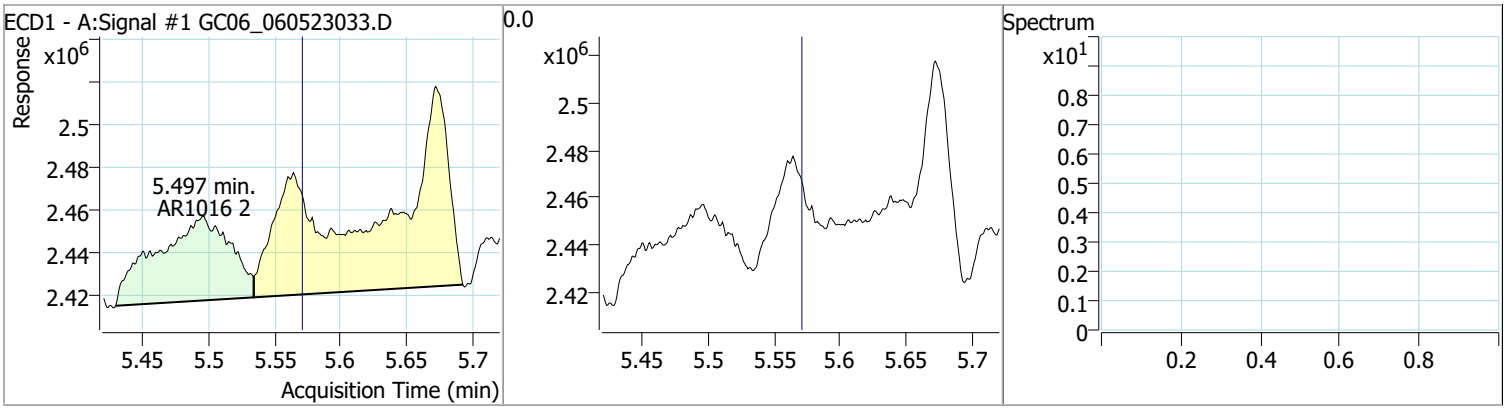
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	64.9277	5.27	0.03	272488				



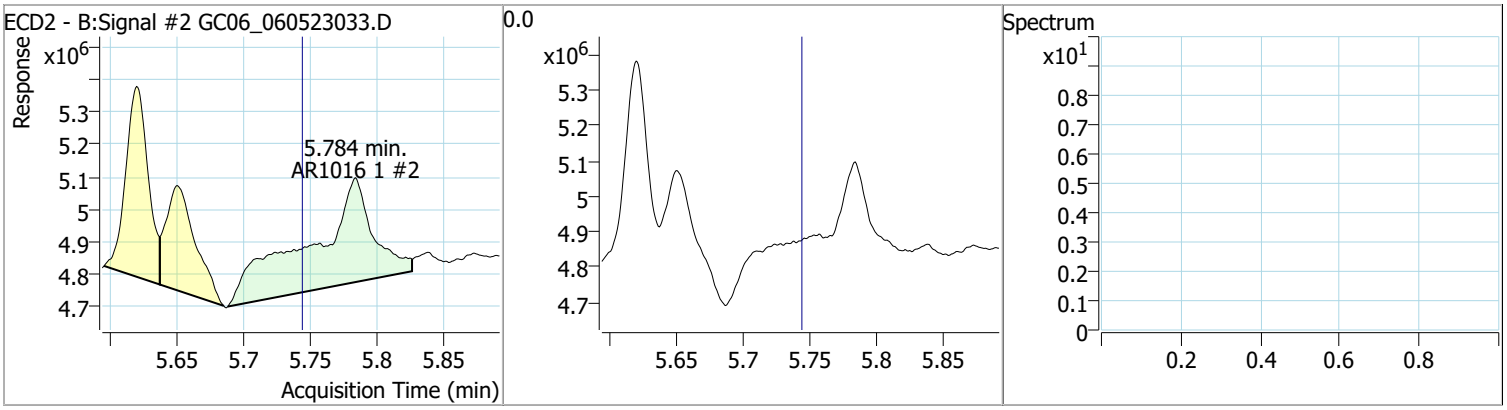
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB) #2	28.9340	5.27	0.00	15694173				



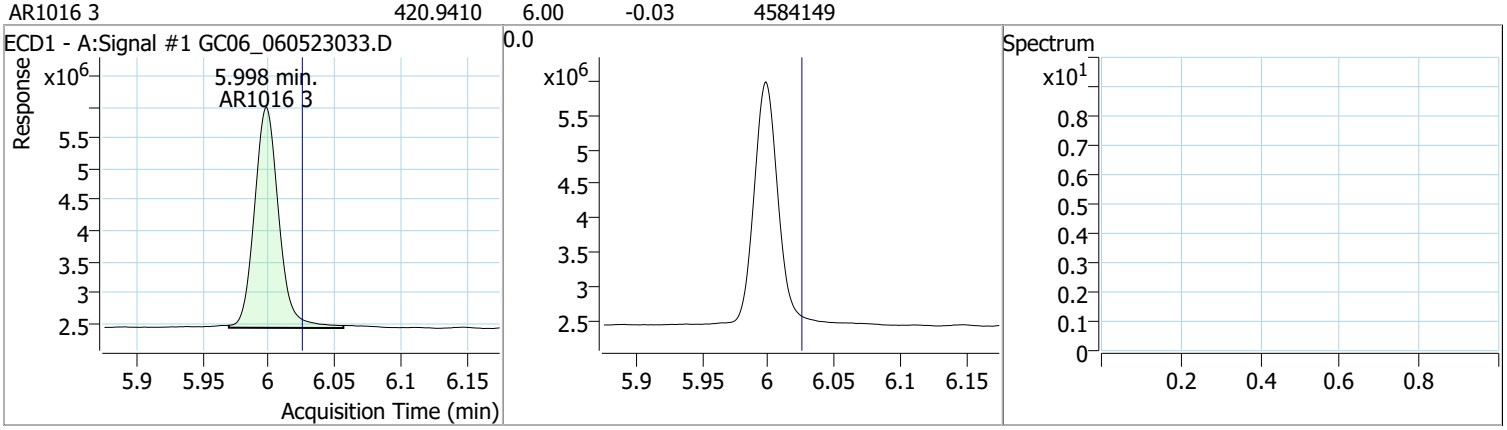
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	18.0735	5.50	-0.08	153992				



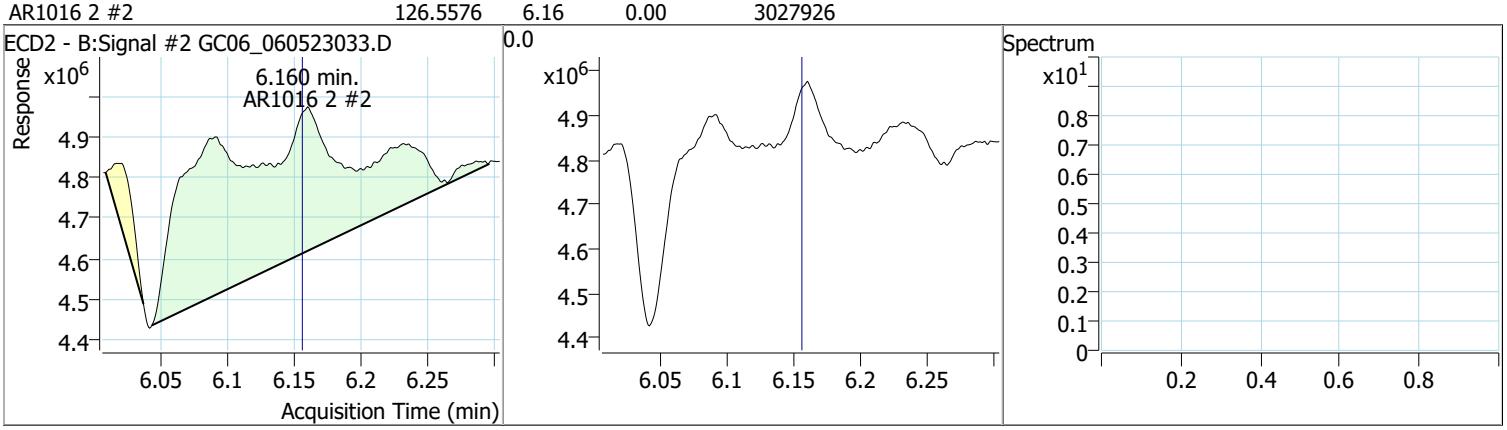
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1 #2	104.4740	5.78	0.04	1112727				



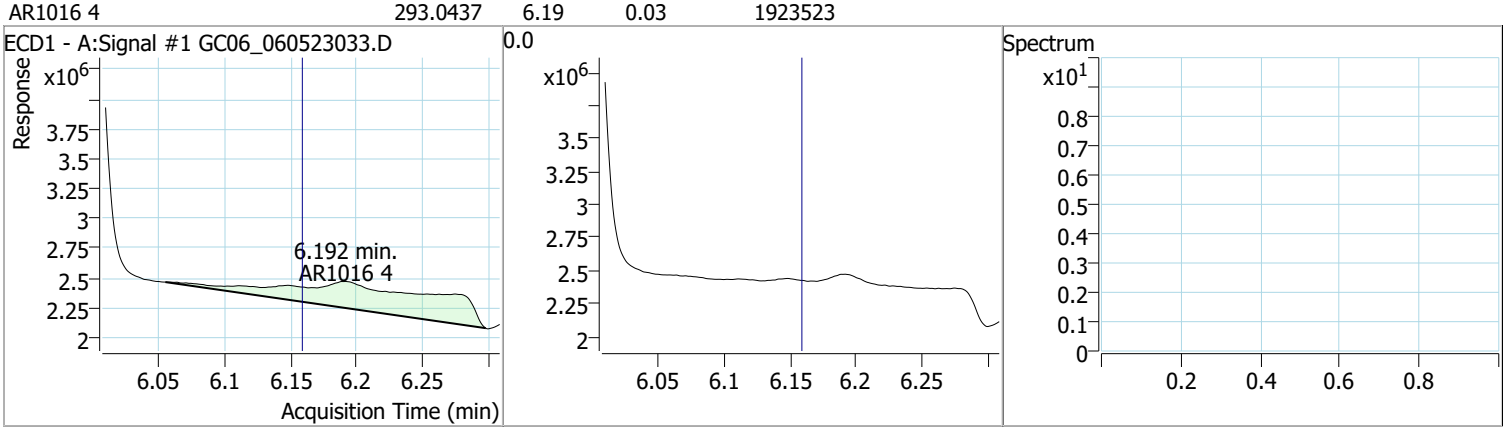
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	420.9410	6.00	-0.03	4584149				



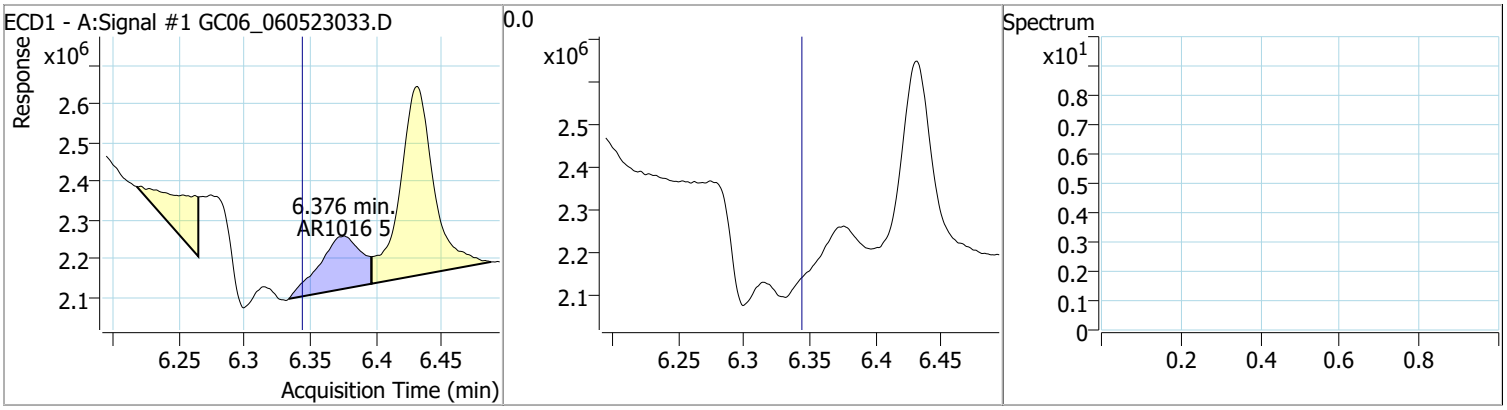
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	126.5576	6.16	0.00	3027926				



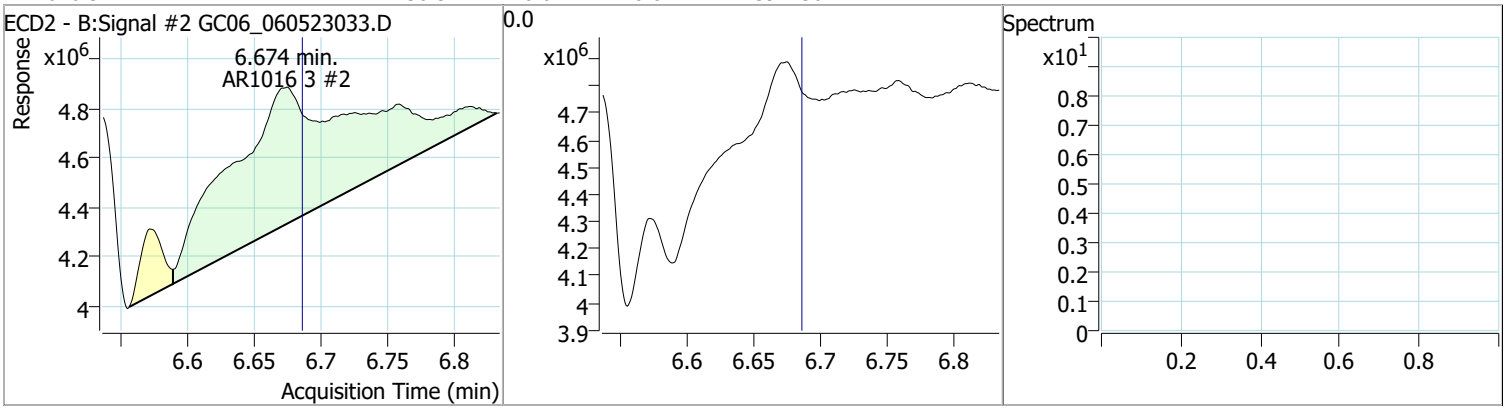
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4	293.0437	6.19	0.03	1923523				



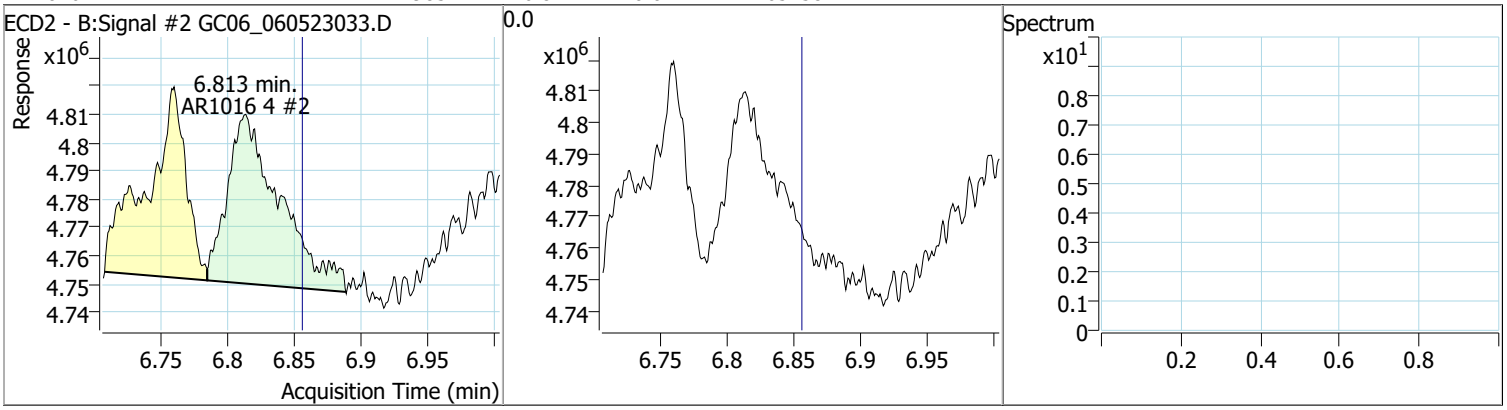
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	60.8805	6.38	0.03	305628				



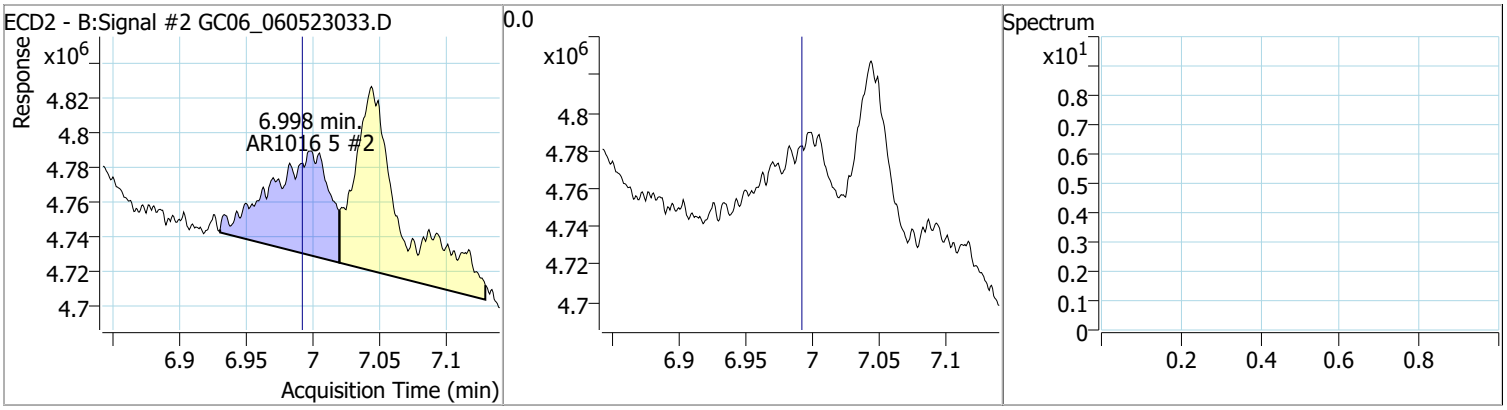
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	136.3142	6.67	-0.01	3924362				



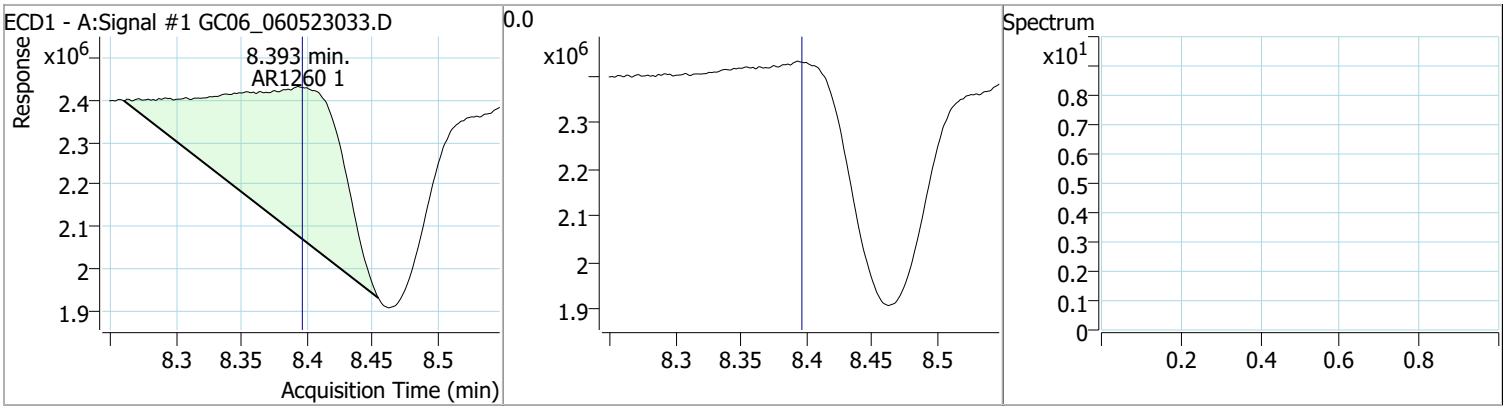
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4 #2	7.9852	6.81	-0.04	165458				



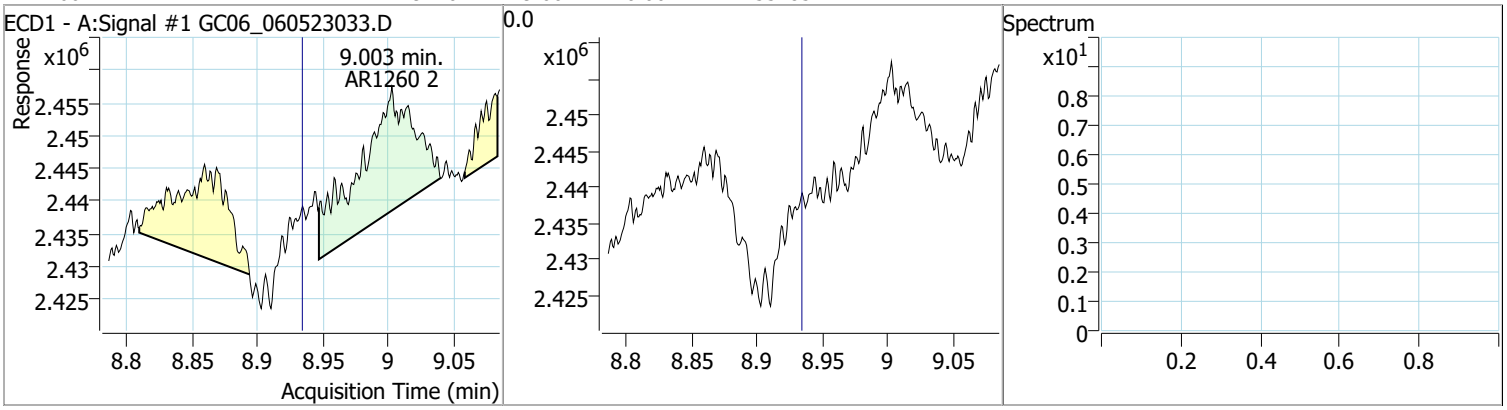
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	16.6893	7.00	0.01	184463				



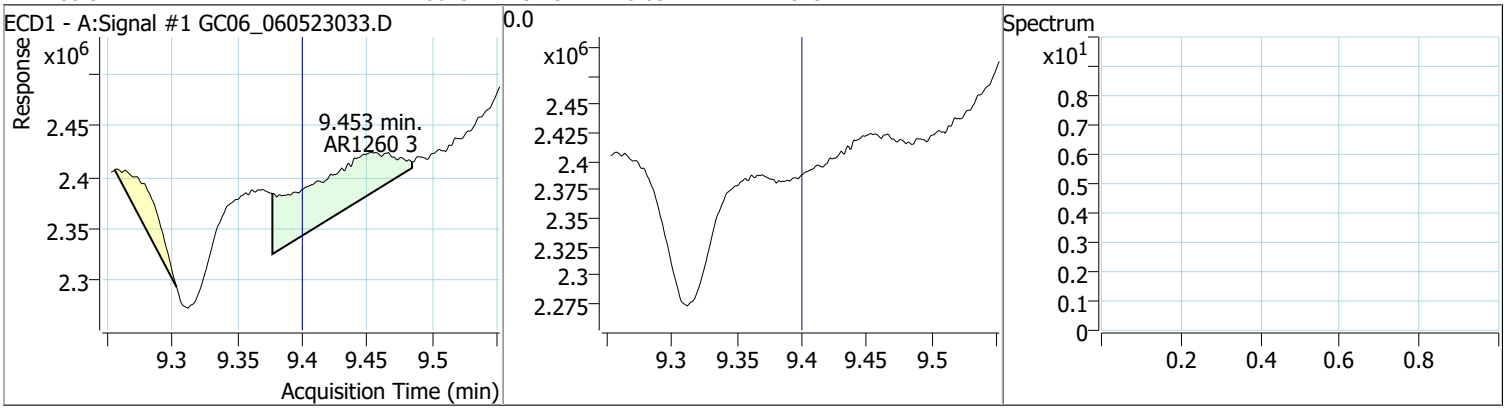
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	182.9790	8.39	-0.01	2276804				



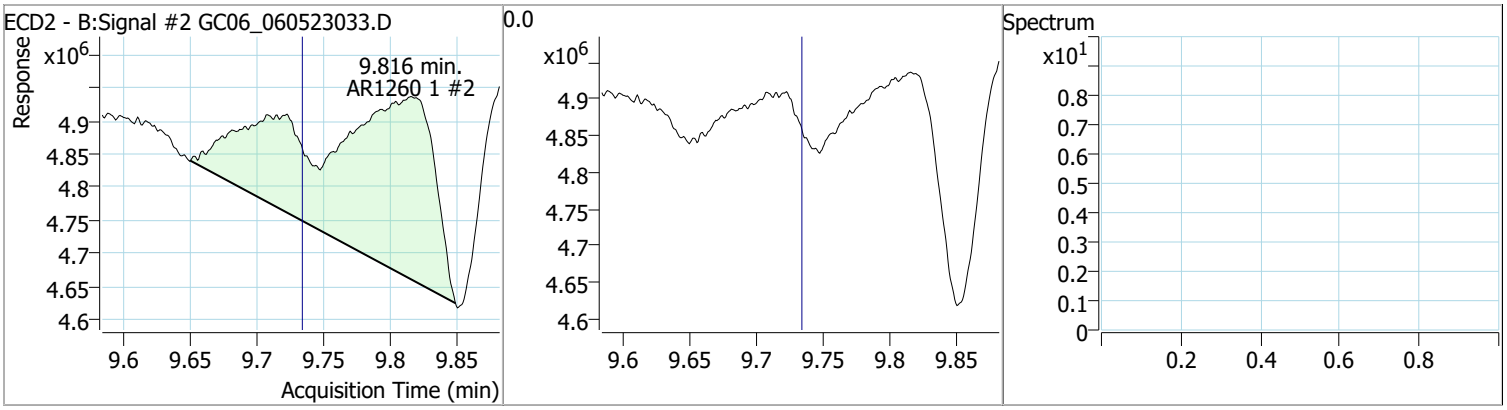
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	2.9210	9.00	0.06	55485				



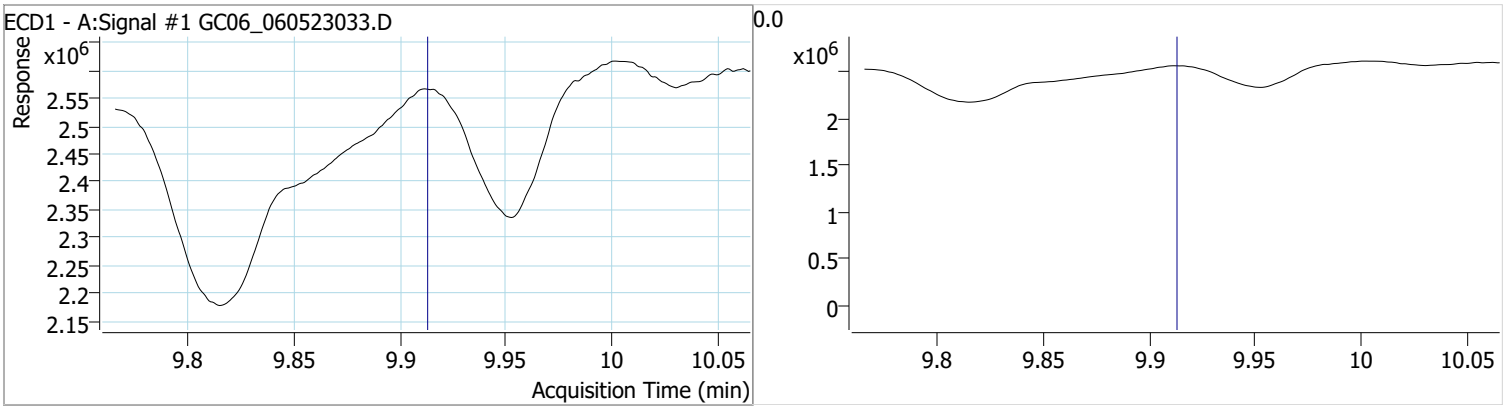
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3	12.0645	9.45	0.05	244875				



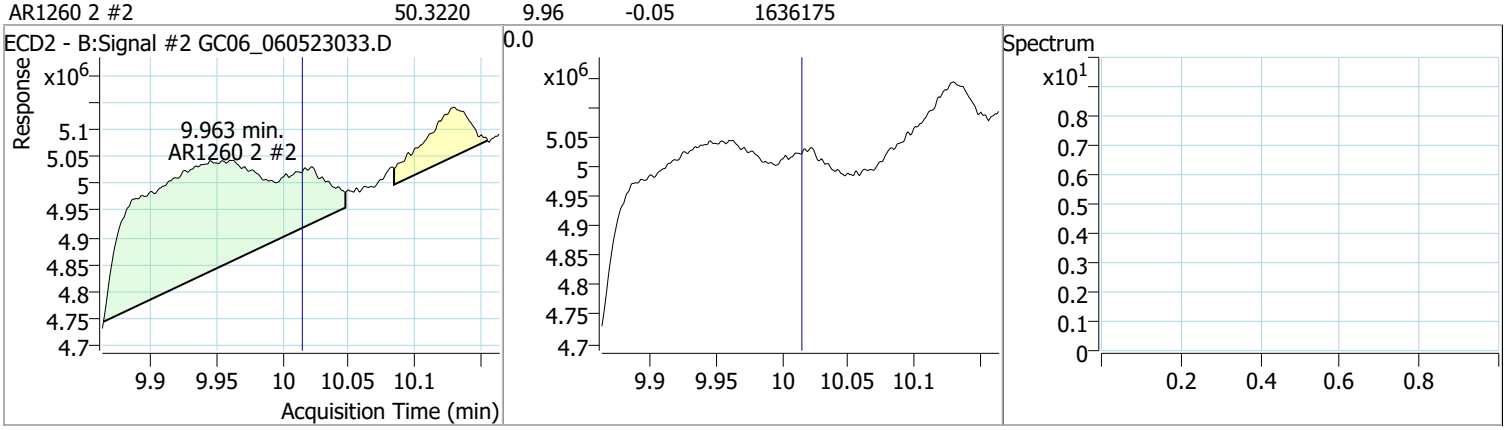
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1 #2	58.4185	9.82	0.08	1684658				



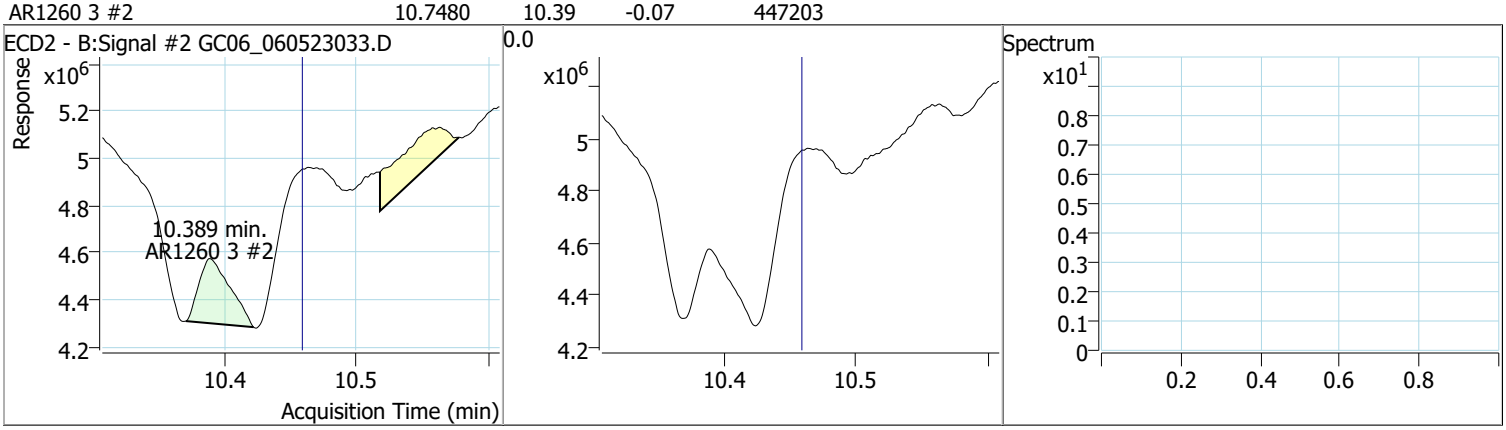
Compound	Conc.	Exp RT	QIon	Exp Ratio
AR1260 4	N.D.	9.92		



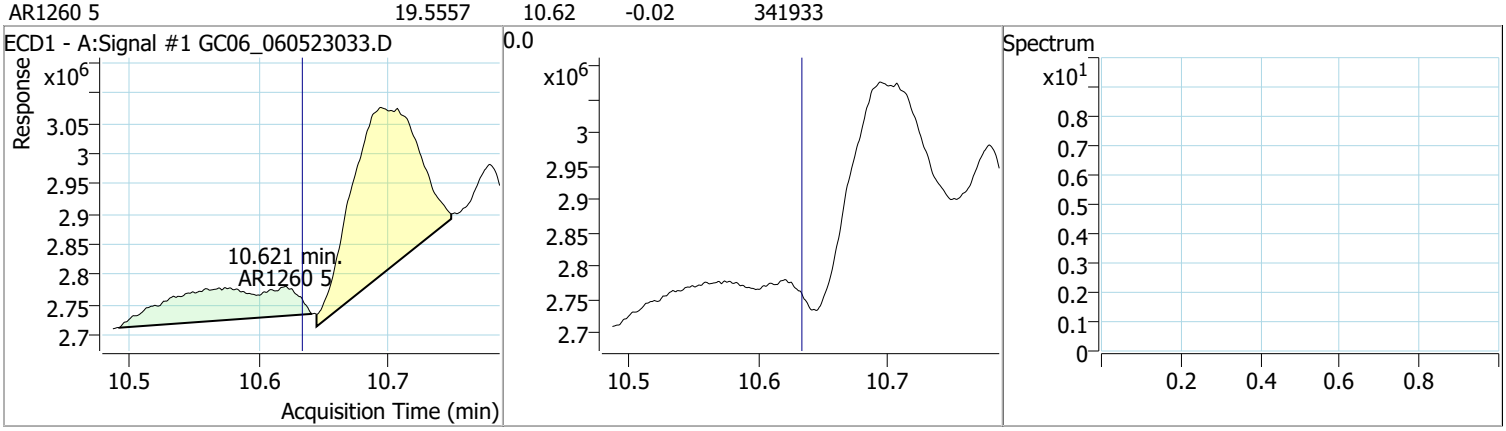
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	50.3220	9.96	-0.05	1636175				



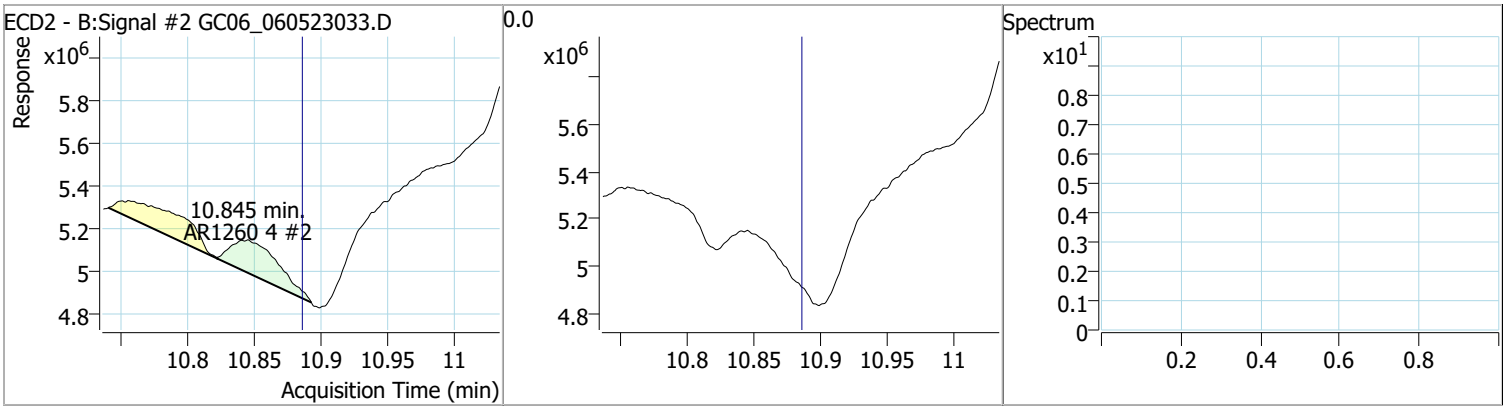
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3 #2	10.7480	10.39	-0.07	447203				



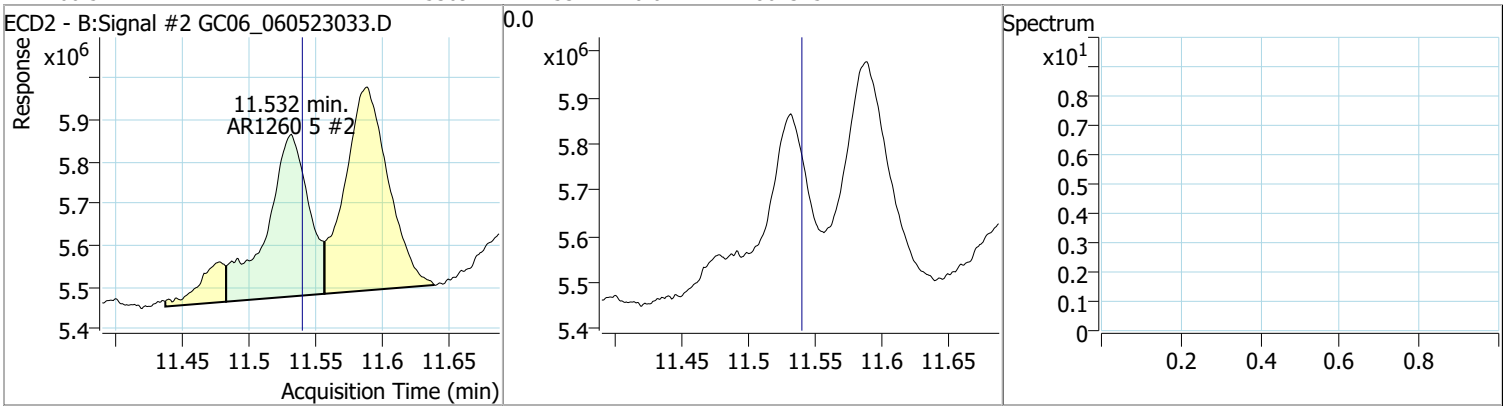
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	19.5557	10.62	-0.02	341933				



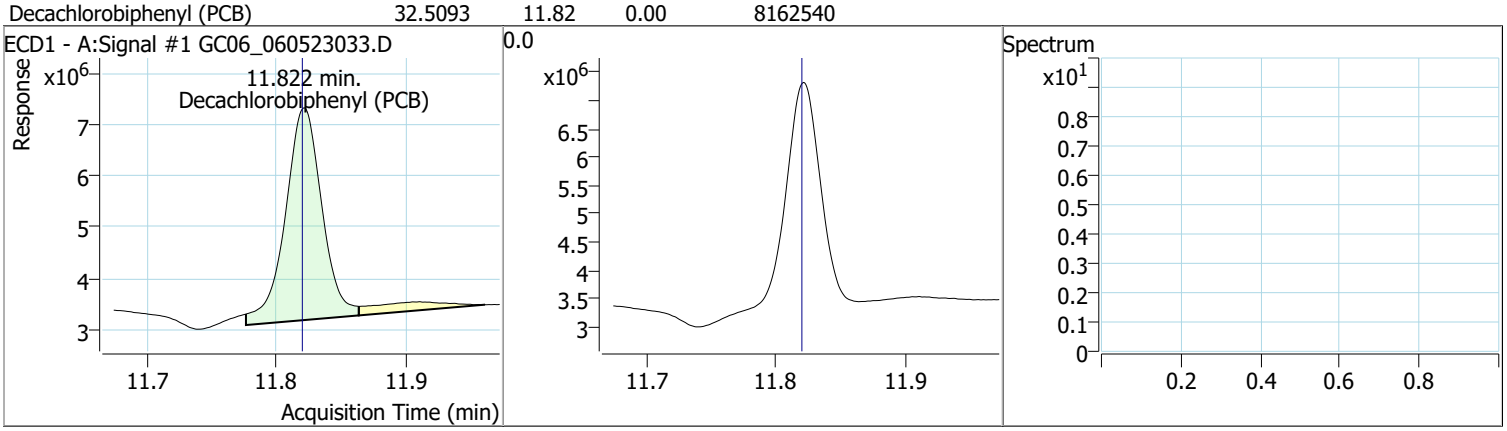
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	16.6312	10.85	-0.04	404192				



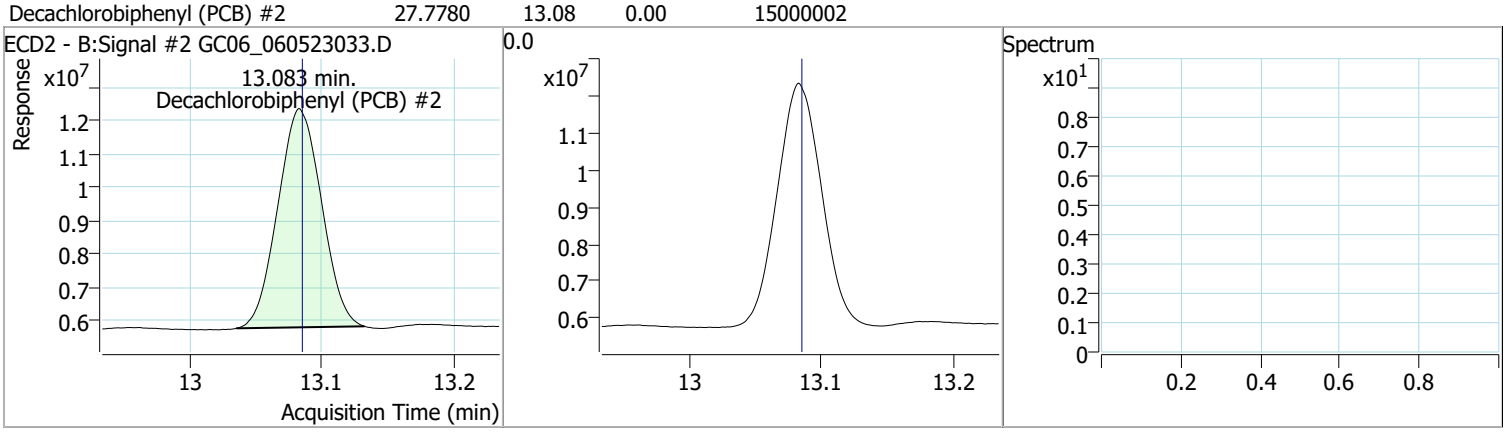
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	24.5369	11.53	-0.01	864345				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	32.5093	11.82	0.00	8162540				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	27.7780	13.08	0.00	15000002				



ENTHALPY SAMPLE USER REPORT FOR EPA 8082

Inst:	SVOA-GC06	Lab ID:	486134-013	Client ID:	AFRAME-C7E-LAT-L3-UP-C7.1-DG-230601-P-DUP-LA
Seqnum:	453225344034	Matrix:	Wipe	Acct:	RINCON-BERK (JG)
File:	gc06_060523034	Batch:	315386	Time:	05-JUN-2023 21:29
Cal:	453205686001	Caldate:	22-MAY-2023		
IDF:	1.0	Raw Units:	ug/L	Units:	ug/dm2

- 1.00 dm2 ⇨ 10.0 ml = 10.0 ml/dm2 PDF

Analyte	Ch	Raw	Result	Conf	RPD	RL	Blank	Flags
Aroclor-1016	B	67.54	~~0.68~~ ~~FP~~	0.32	72%	0.50		x u
Aroclor-1016 Peak # 1	B	95.88	0.96	0.55	53%			
Aroclor-1016 Peak # 2	B	132.5	1.32	0.19	149%			
Aroclor-1016 Peak # 3	B	86.59	0.87	0.75	15%			
Aroclor-1016 Peak # 4	B	10.80	0.11	ND				
Aroclor-1016 Peak # 5	B	11.96	0.12	0.09	24%			
Aroclor-1221	B		ND			0.50		u
Aroclor-1232	B		ND			0.50		u
Aroclor-1242	B		ND			0.50		u
Aroclor-1248	B		ND			0.50		u
Aroclor-1254	B		ND			0.50		u
Aroclor-1260	B	25.44	ND	0.74	97%	0.50		u
Aroclor-1260 Peak # 1	B	16.26	0.16	2.09	171%			
Aroclor-1260 Peak # 2	B	50.30	0.50	0.02	187%			
Aroclor-1260 Peak # 3	B	11.86	0.12	ND				
Aroclor-1260 Peak # 4	B	20.73	0.21	1.40	148%			
Aroclor-1260 Peak # 5	B	28.06	0.28	0.17	46%			
Aroclor-1262	B		ND			0.50		u
Aroclor-1268	B		ND			0.50		u

Surrogate	Ch	Raw	Spiked	Result	%Rec	Limits	Flags
TCMX (PCB)	B	31.11	0.5000	0.3111	62	19-121	c- u
Decachlorobiphenyl (PCB)	B	29.01	0.5000	0.2901	58	19-121	u

NO INTERNAL STANDARD REFERENCE RUN FOUND FOR CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV(internal standard: 1BR2NITROBZ1268, 1BR2NITROBZ1262, 1BR2NITROBZ1232, 1BR2NITROBZ1242, 1BR2NITROBZ1221)

ISTD (CCV gc06_060523003)	Ch	CCV Abund	SAMPLE Abund	%Drift
1-bromo-2-nitrobenzene (PCB)	B	8992413	9278589	3.18
1-bromo-2-nitrobenzene (PCB)	A	3431466	3315667	-3.37

ISTD (ICAL gc06_060523009)	Ch	ICAL Abund	SAMPLE Abund	%Drift
1-bromo-2-nitrobenzene (1254)	B	9894264	**???**	**-100.00 ***
1-bromo-2-nitrobenzene (1254)	A	3688197	**???**	**-100.00 ***

ISTD (ICAL gc06_060523010)	Ch	ICAL Abund	SAMPLE Abund	%Drift
1-bromo-2-nitrobenzene (1248)	A	3562631	**???**	**-100.00 ***
1-bromo-2-nitrobenzene (1248)	B	9640375	**???**	**-100.00 ***

NO INTERNAL STANDARD REFERENCE RUN FOUND FOR CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV(internal standard: 1BR2NITROBZ1268, 1BR2NITROBZ1262, 1BR2NITROBZ1232, 1BR2NITROBZ1242, 1BR2NITROBZ1221)

ISTD (CCV gc06_060523003)	Ch	CCV RT	SAMPLE RT	Drift
1-bromo-2-nitrobenzene (PCB)	B	4.36	4.35	-0.01
1-bromo-2-nitrobenzene (PCB)	A	4.13	4.13	0.00

ISTD (ICAL gc06_060523009)	Ch	ICAL RT	SAMPLE RT	Drift
1-bromo-2-nitrobenzene (1254)	B	4.36	**???**	
1-bromo-2-nitrobenzene (1254)	A	4.13	**???**	

ISTD (ICAL gc06_060523010)	Ch	ICAL RT	SAMPLE RT	Drift
1-bromo-2-nitrobenzene (1248)	A	4.13	**???**	
1-bromo-2-nitrobenzene (1248)	B	4.36	**???**	

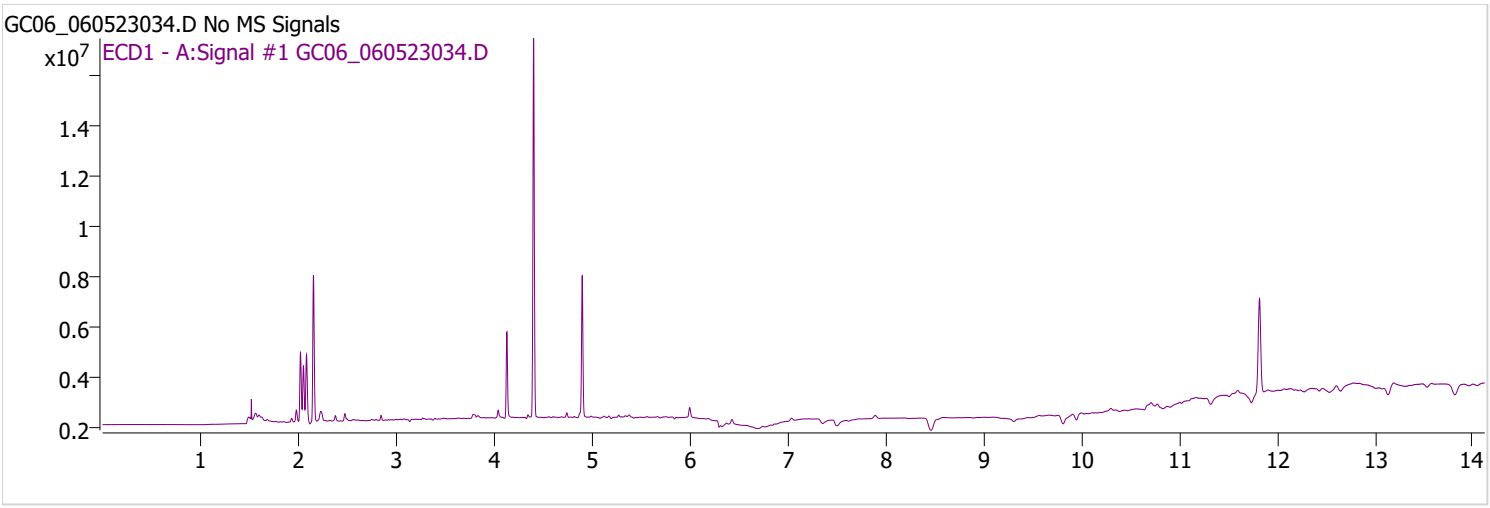
06/08/23 : WIPE/1DM^2-10ML

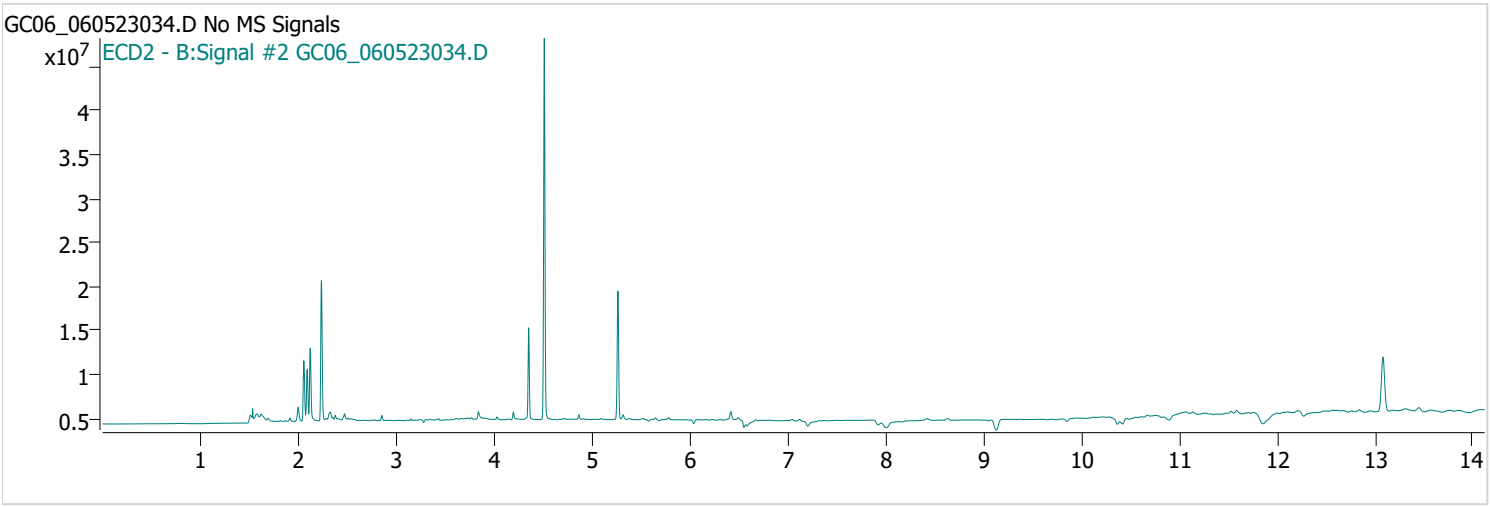
-=low bias c=CCV u=use x=false positive

Analyst: MES 06/08/23 **Reviewer:** MTS 06/08/23

Quantitation Results Report (Not Reviewed)

Data File	GC06_060523034.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	6/5/2023 9:29:51 PM
Sample Name	486134-013, 315386, 1	Instrument	SVOA-GC06
Vial	21	Multiplier	1.00
DA Method File	PCB_608_052323_GC06_9.m	Comment	WIPE/1DM^2-10ML
Tune File	ATUNE.U	Tune Date	
Batch Name	060523PCB.batch.bin	Last Calib Update	5/23/2023 1:46:10 PM
Ref Library			



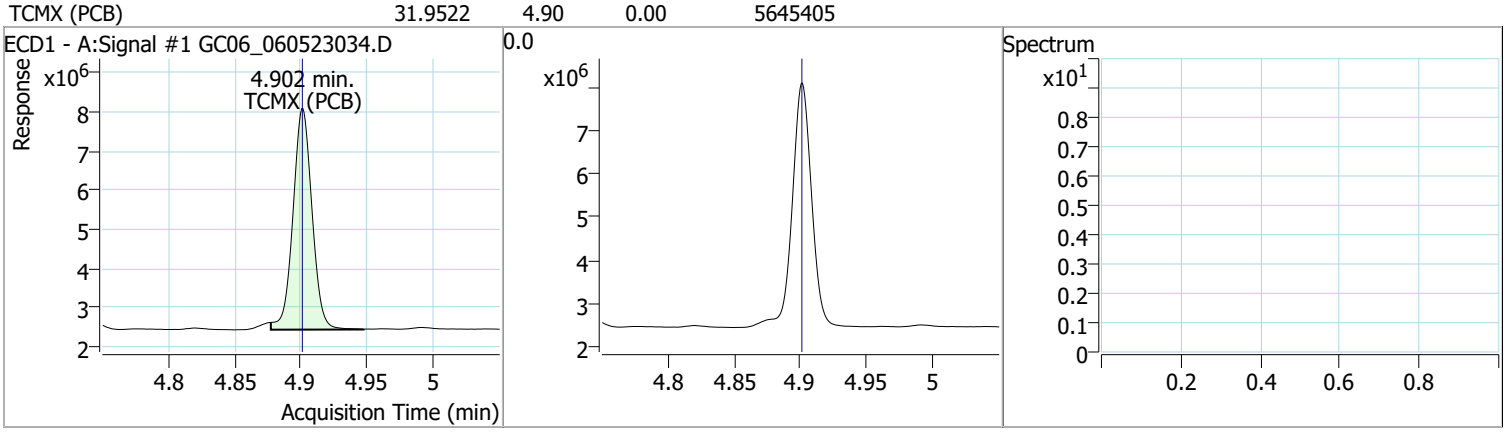


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1-bromo-2-nitrobenzene (PCB)	4.132	0.0	3315667.194	20.0000	ng/ml		-0.002
M 1-bromo-2-nitrobenzene (PCB) #2	4.354	0.0	9278588.726	20.0000	ng/ml		-0.001
System Monitoring Compounds							
S TCMX (PCB)	4.902	0.0	5645405.394	31.9522	ng/ml		-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 159.76%		*	
S TCMX (PCB) #2	5.266	0.0	15314326.717	31.1149	ng/ml		-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 155.57%		*	
S Decachlorobiphenyl (PCB)	11.822	0.0	7836484.813	35.4189	ng/ml		-0.004
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 177.09%		*	
S Decachlorobiphenyl (PCB) #2	13.083	0.0	14216559.876	29.0139	ng/ml		-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 145.07%			
Target Compounds							QValue

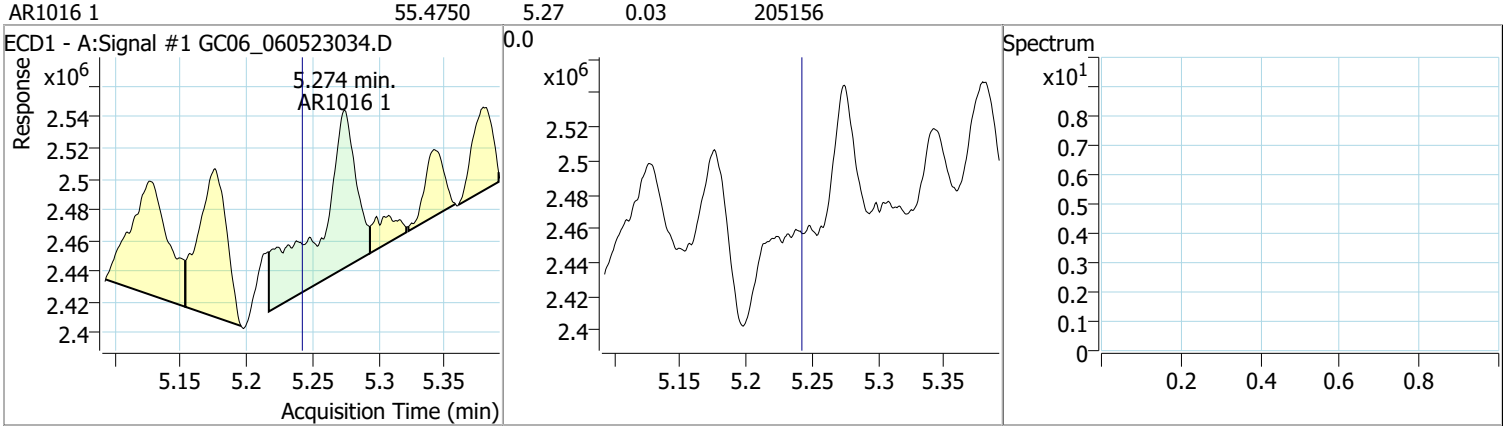
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T AR1016 1	5.274	0.0	205155.786	55.4750	ng/ml	100
T AR1016 2	5.563	0.0	144499.370	19.2461	ng/ml	100
T AR1016 1 #2	5.783	0.0	926648.280	95.8817	ng/ml	100
T AR1016 3	5.999	0.0	717152.079	74.7318	ng/ml	100
T AR1016 2 #2	6.088	0.0	2875651.675	132.4586	ng/ml	100
T AR1016 4	0.000		0	N.D.		
T AR1016 5	6.315	0.0	41480.848	9.3770	ng/ml	100
T AR1016 3 #2	6.675	0.0	2262029.406	86.5907	ng/ml	100
T AR1016 4 #2	6.811	0.0	203044.883	10.7991	ng/ml	100
T AR1016 5 #2	7.001	0.0	119941.706	11.9591	ng/ml	100
T AR1260 1	8.351	0.0	2290627.417	208.9112	ng/ml	100
T AR1260 2	8.940	0.0	29050.995	1.7356	ng/ml	100
T AR1260 3	0.000		0	N.D.		
T AR1260 1 #2	9.713	0.0	425519.673	16.2614	ng/ml	100
T AR1260 4	9.912	0.0	1360922.220	139.6621	ng/ml	100
T AR1260 2 #2	9.954	0.0	1483927.117	50.2969	ng/ml	100
T AR1260 3 #2	10.391	0.0	447855.100	11.8620	ng/ml	100
T AR1260 5	10.579	0.0	269574.391	17.4961	ng/ml	100
T AR1260 4 #2	10.839	0.0	457203.853	20.7323	ng/ml	100
T AR1260 5 #2	11.533	0.0	896833.411	28.0573	ng/ml	100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

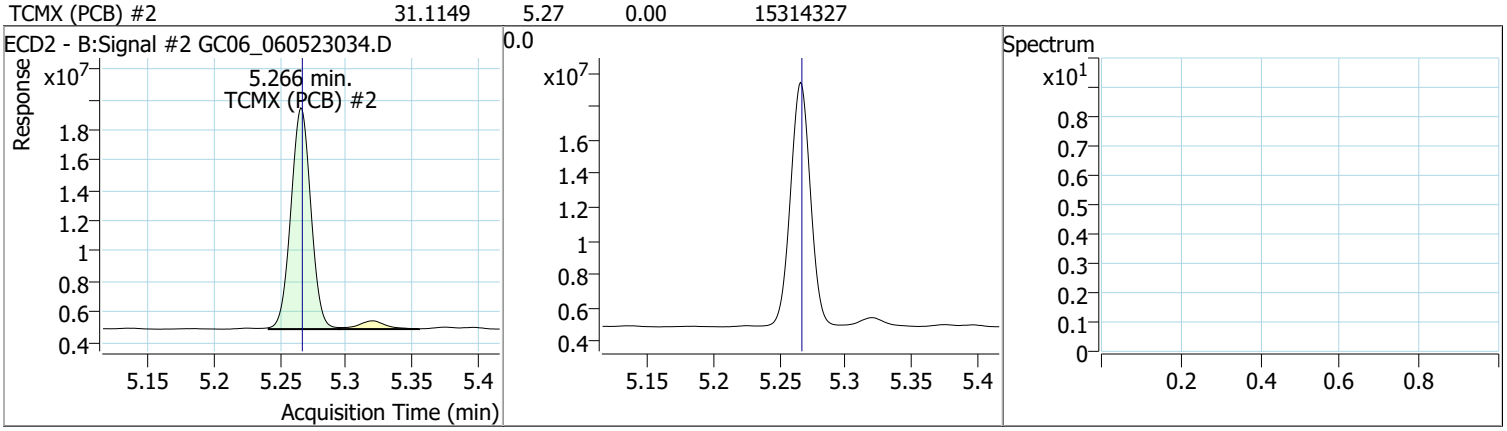
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	31.9522	4.90	0.00	5645405				



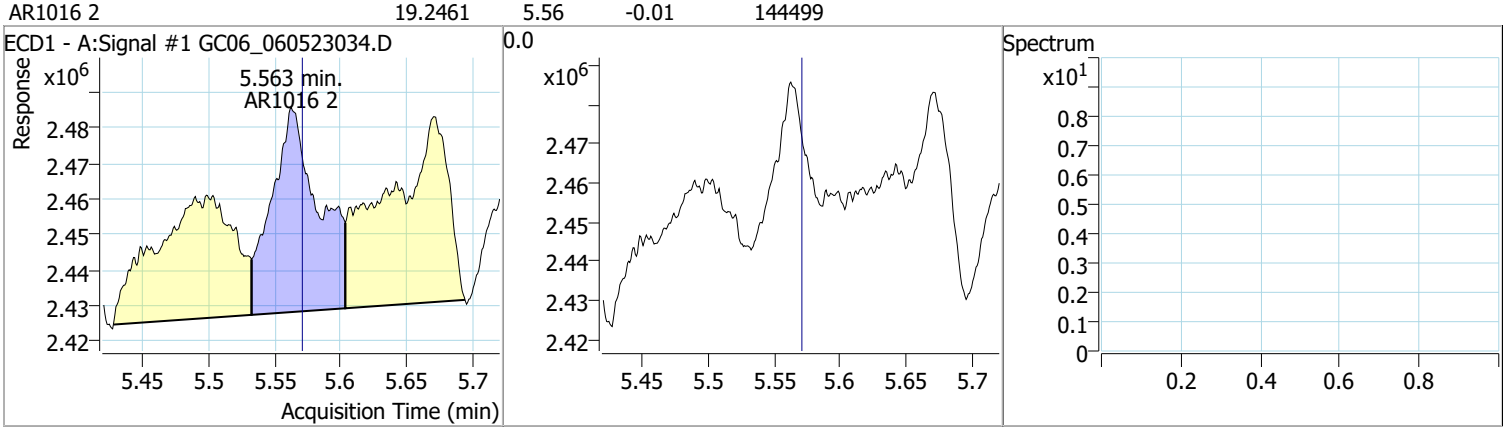
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	55.4750	5.27	0.03	205156				



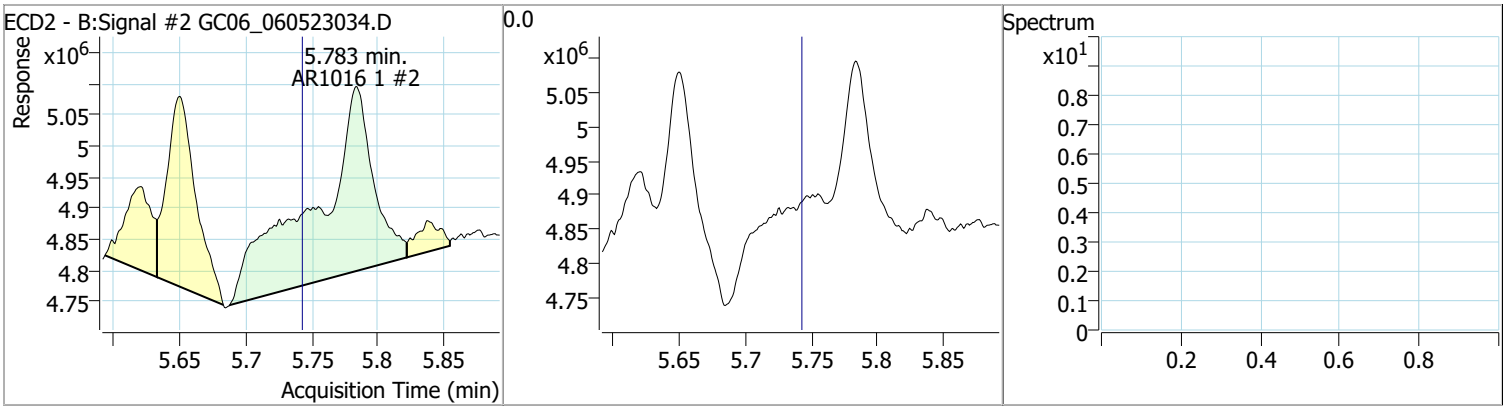
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB) #2	31.1149	5.27	0.00	15314327				



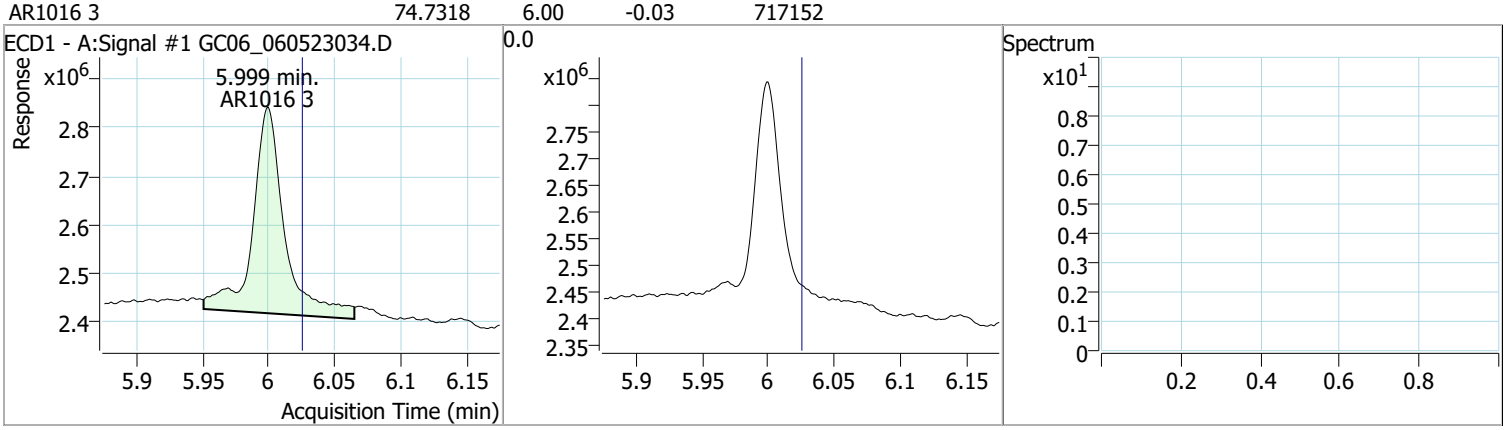
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	19.2461	5.56	-0.01	144499				



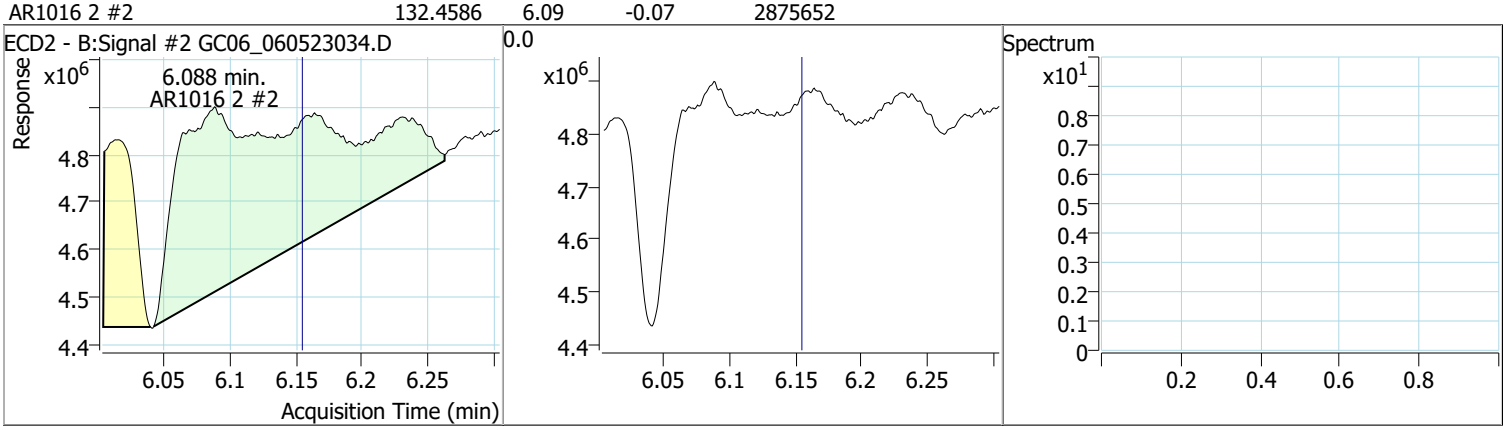
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1 #2	95.8817	5.78	0.04	926648				



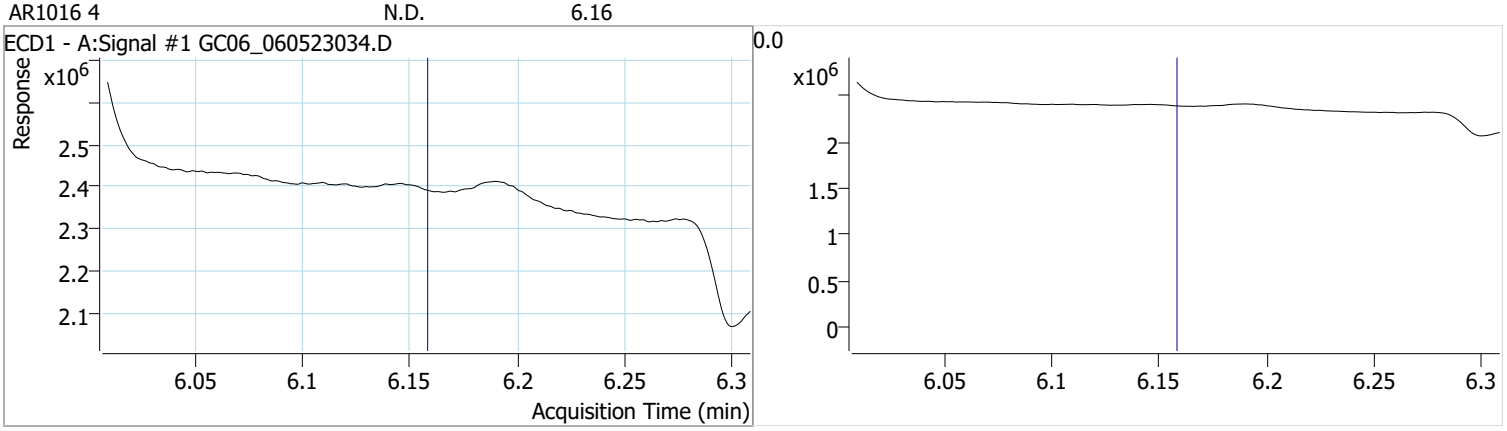
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	74.7318	6.00	-0.03	717152				



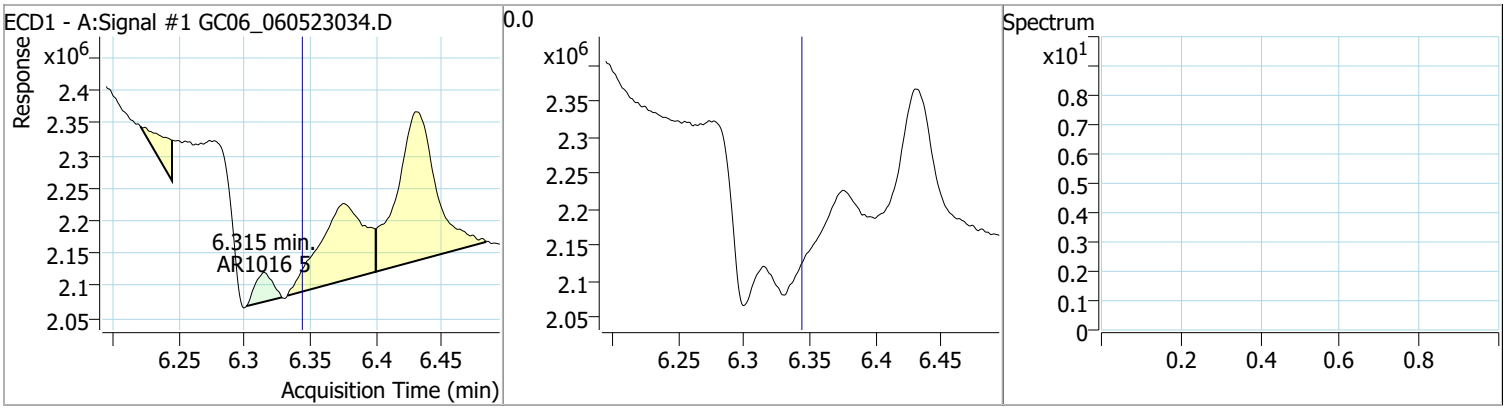
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	132.4586	6.09	-0.07	2875652				



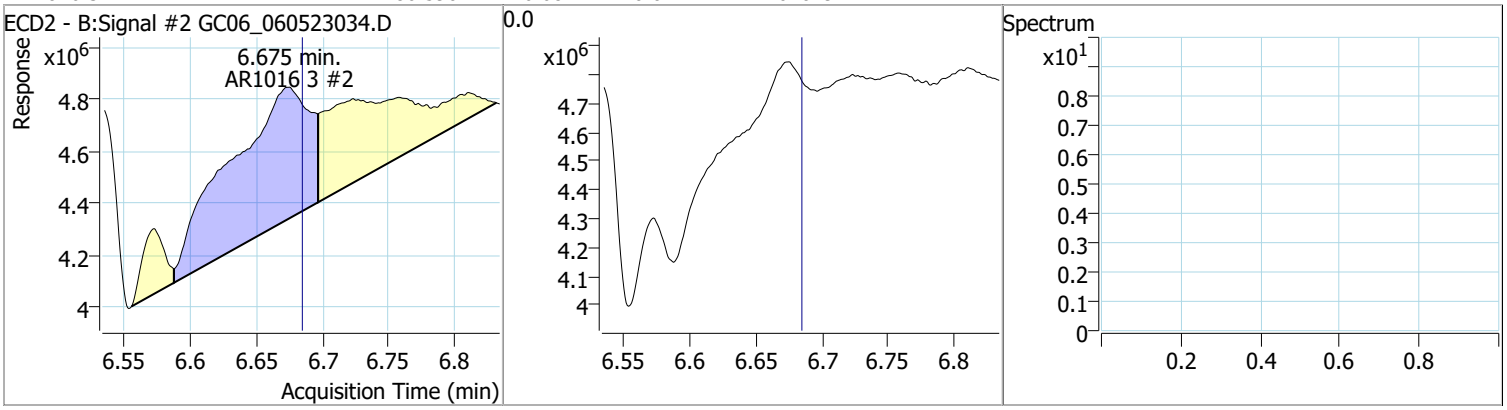
Compound	Conc.	Exp RT	QIon	Exp Ratio
AR1016 4	N.D.	6.16		



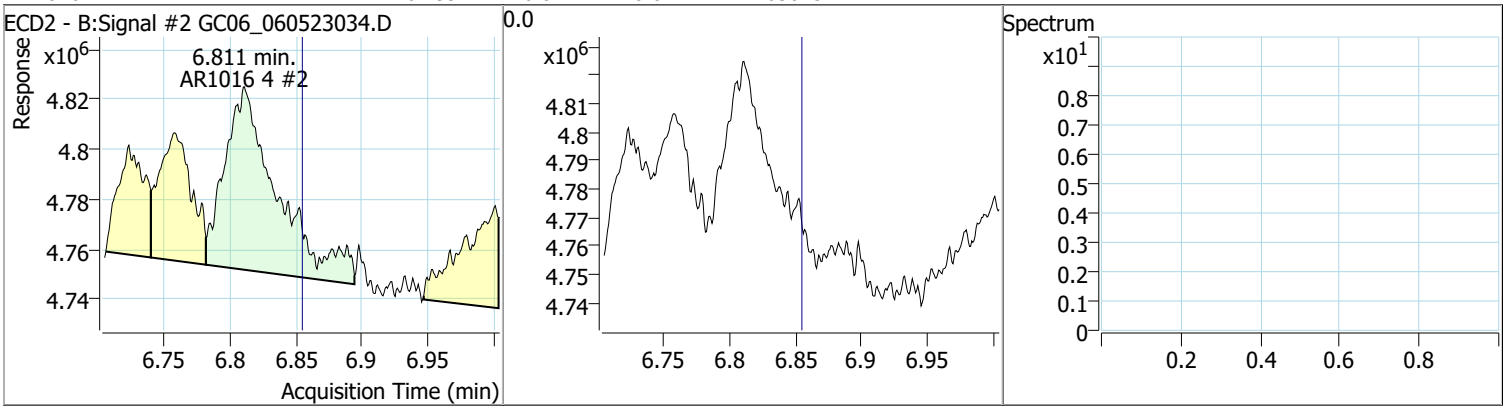
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	9.3770	6.32	-0.03	41481				



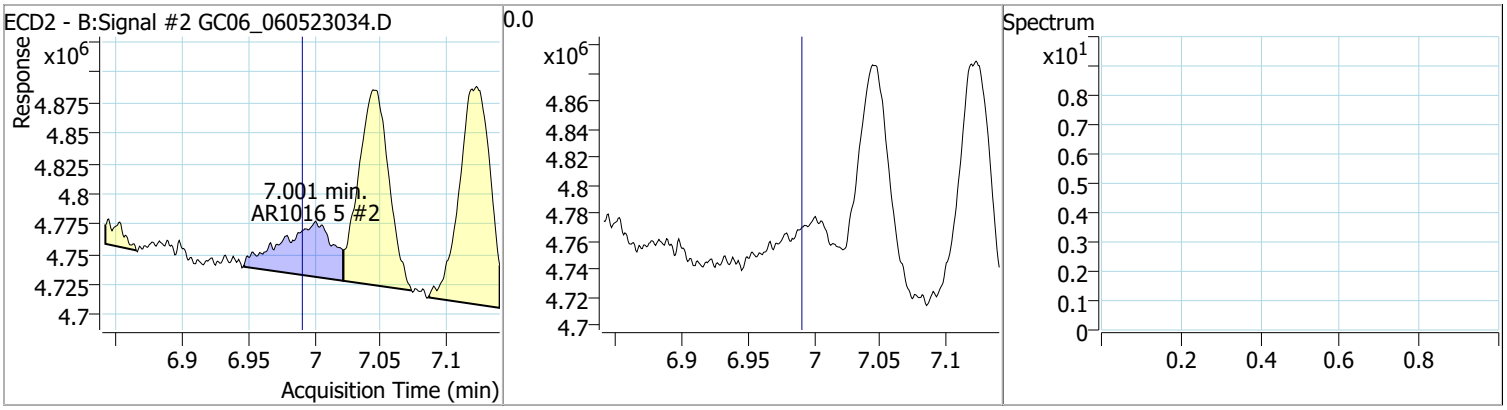
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	86.5907	6.68	-0.01	2262029				



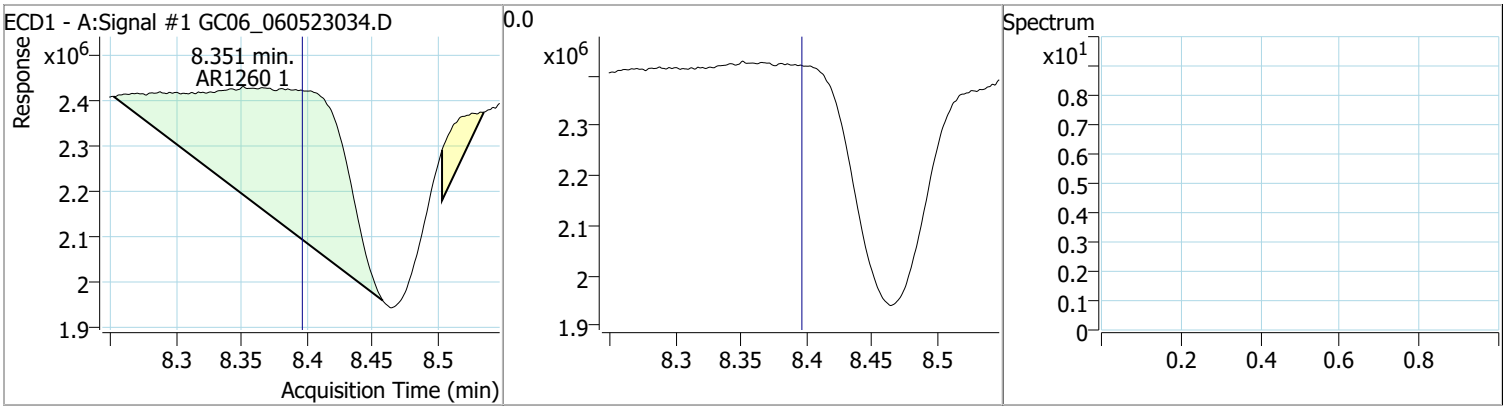
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4 #2	10.7991	6.81	-0.04	203045				



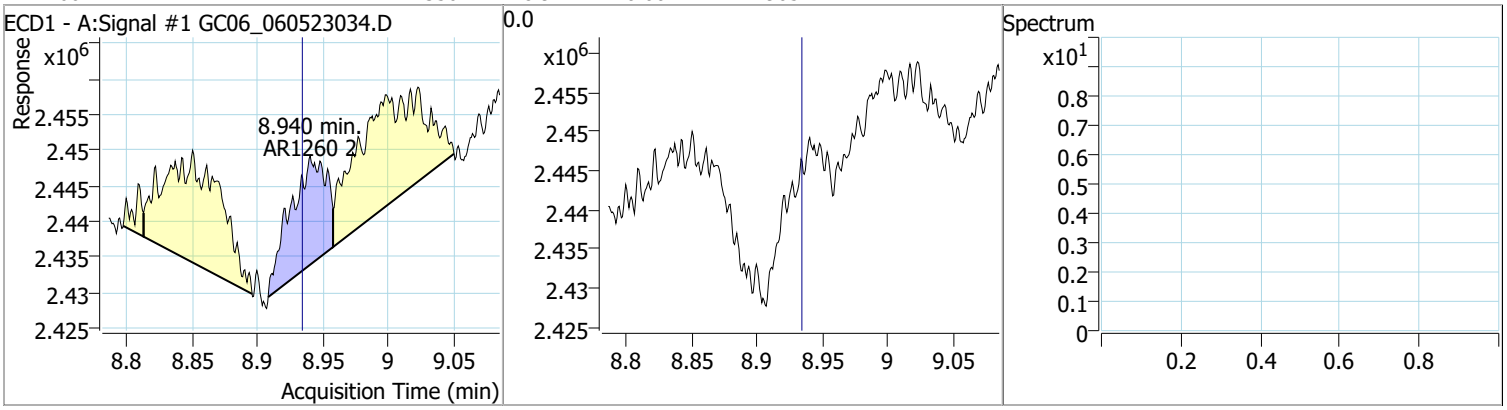
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	11.9591	7.00	0.01	119942				



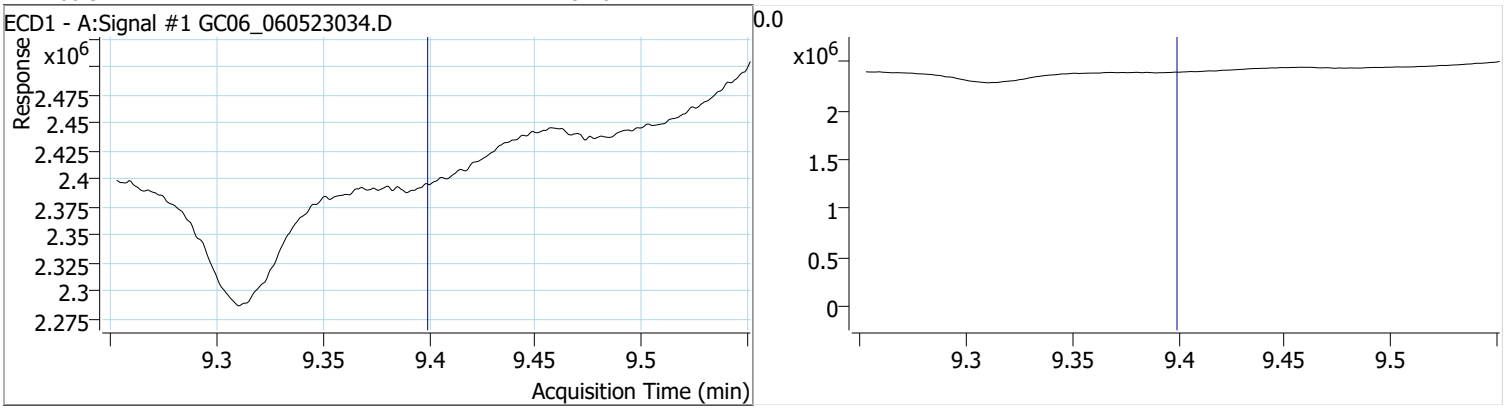
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	208.9112	8.35	-0.05	2290627				



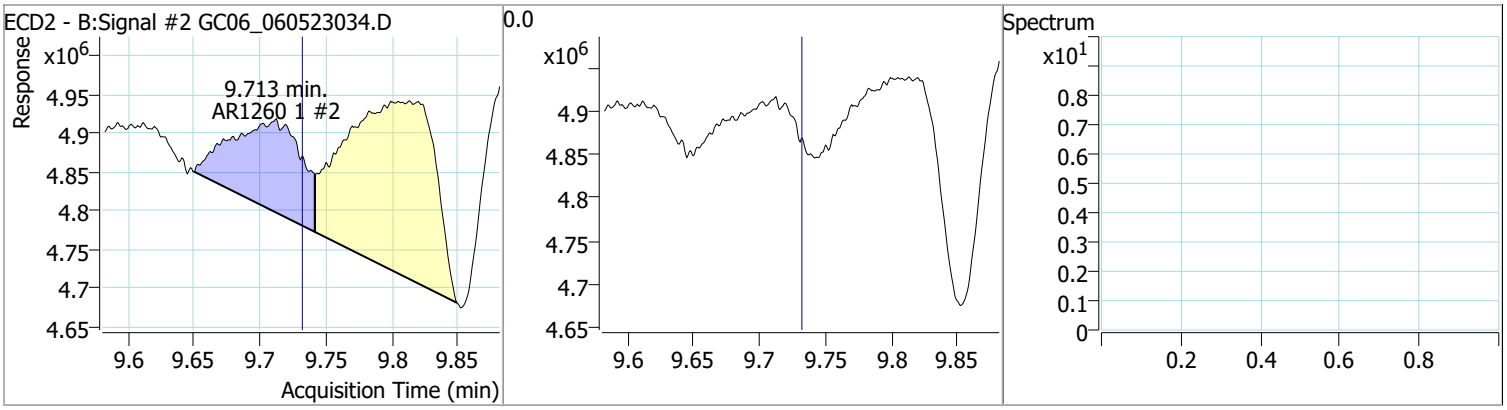
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	1.7356	8.94	0.00	29051				



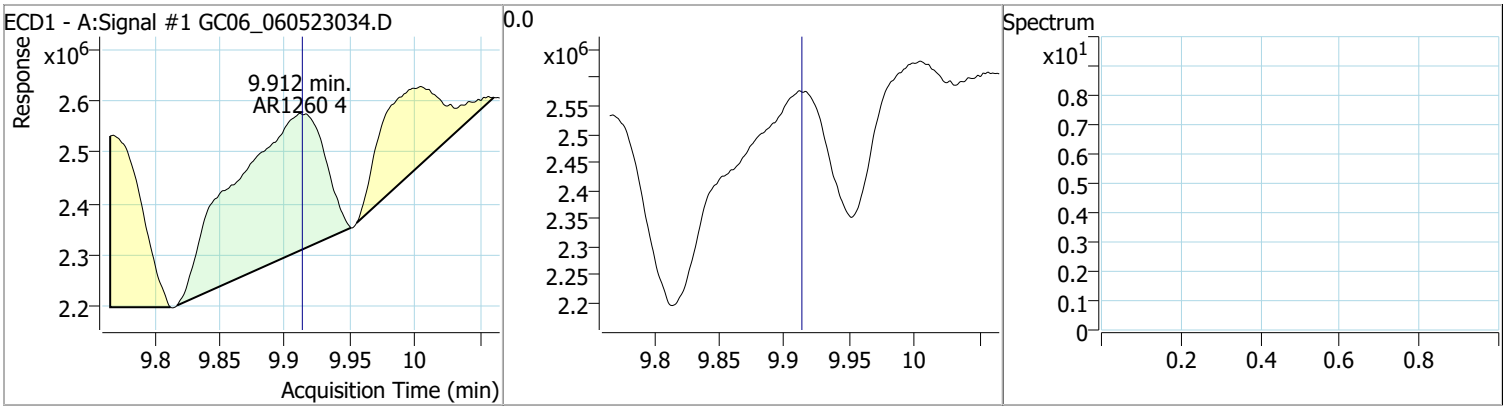
Compound	Conc.	Exp RT	QIon	Exp Ratio
AR1260 3	N.D.	9.40		



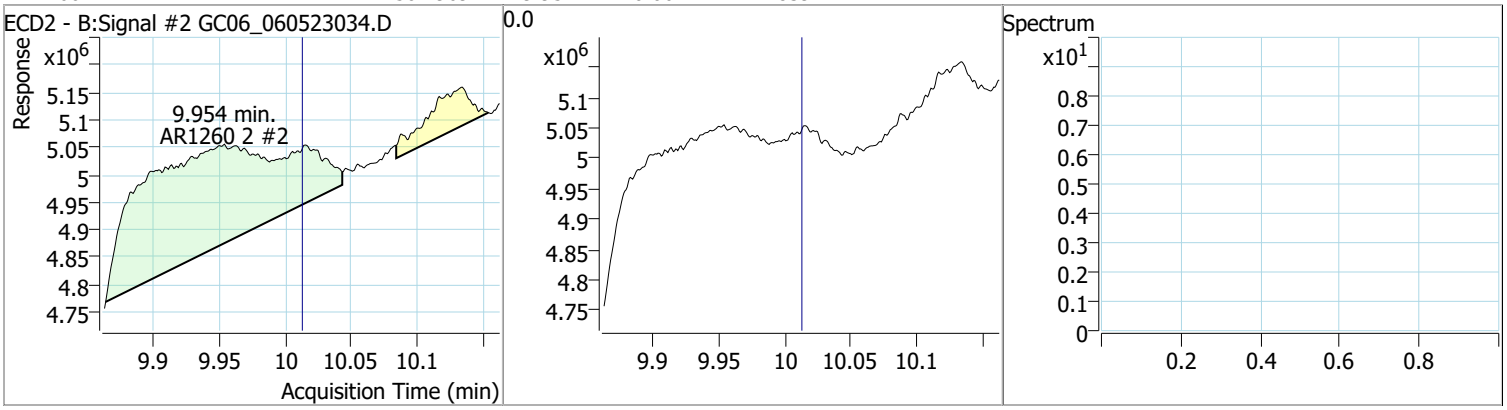
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1 #2	16.2614	9.71	-0.02	425520				



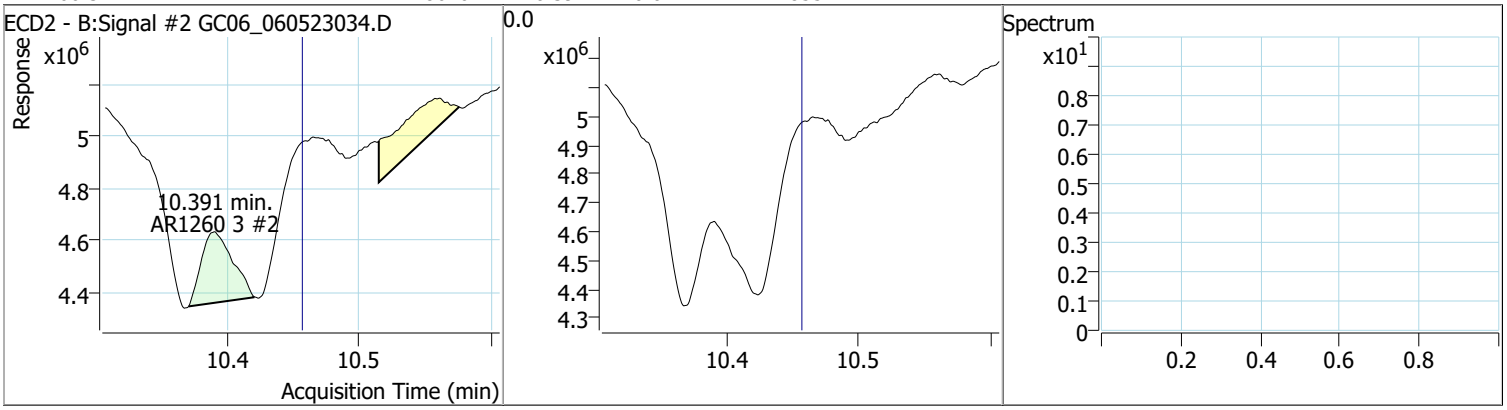
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4	139.6621	9.91	-0.01	1360922				



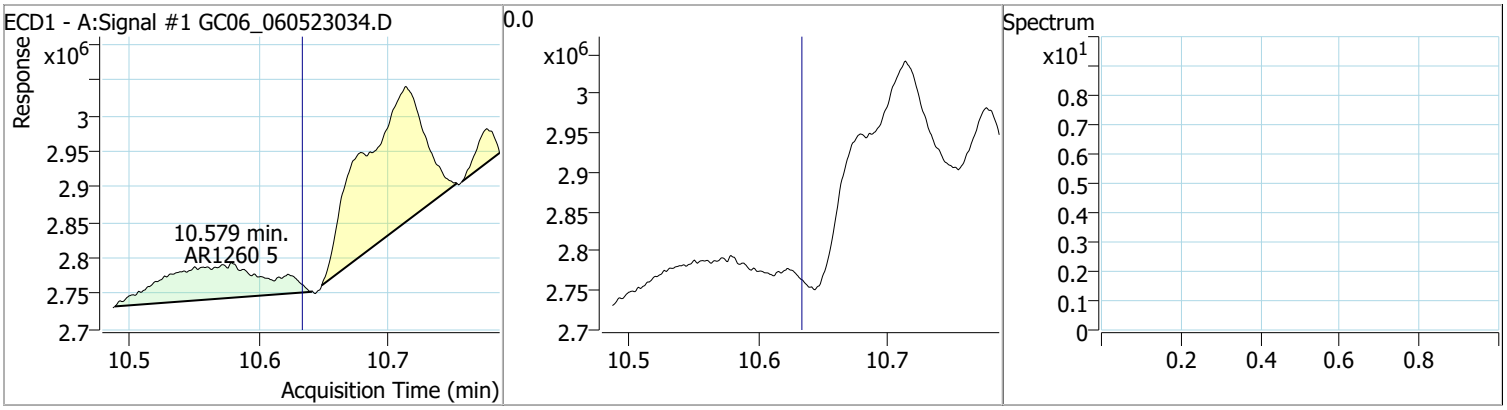
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	50.2969	9.95	-0.06	1483927				



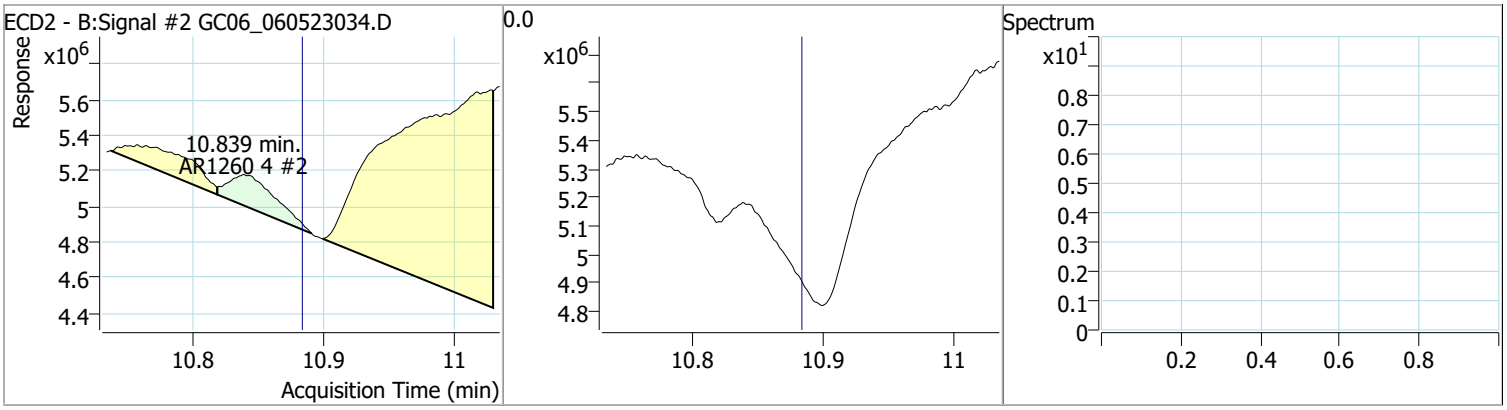
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3 #2	11.8620	10.39	-0.07	447855				



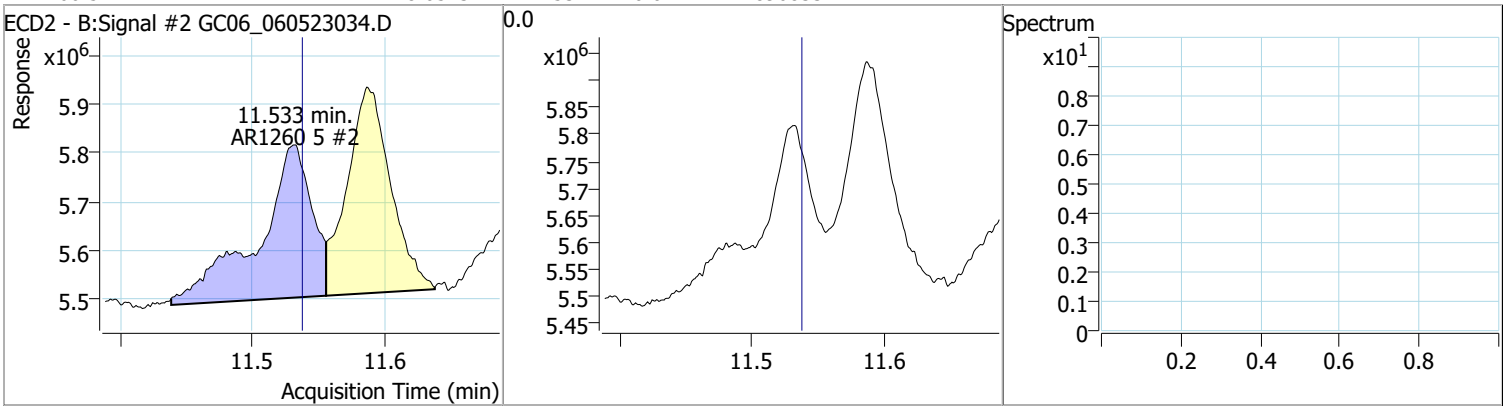
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	17.4961	10.58	-0.06	269574				



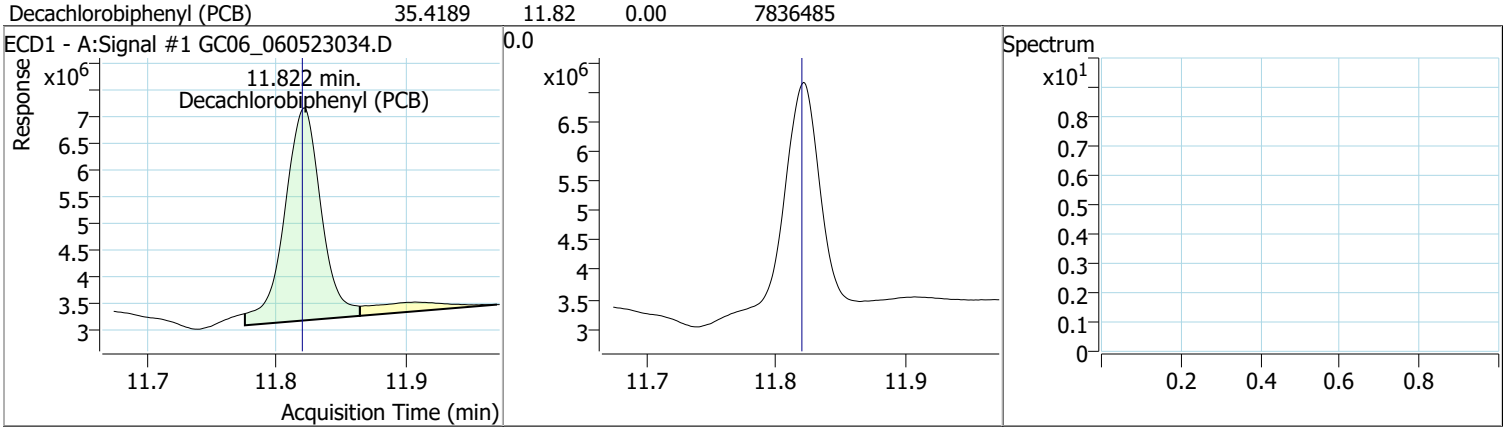
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	20.7323	10.84	-0.05	457204				



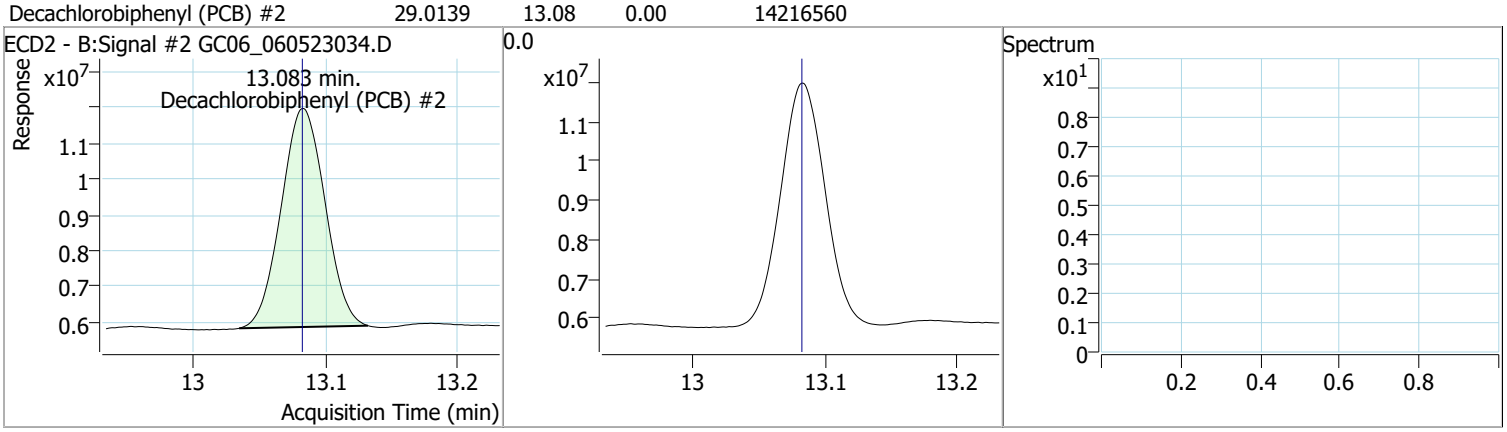
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	28.0573	11.53	-0.01	896833				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	35.4189	11.82	0.00	7836485				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	29.0139	13.08	0.00	14216560				



ENTHALPY SAMPLE USER REPORT FOR EPA 8082

Inst:	SVOA-GC06	Lab ID:	486134-015	Client ID:	AFRAME-C7E-MED-L3-UP-C7.6-HM-230601-P-CB
Seqnum:	453225344035	Matrix:	Wipe	Acct:	RINCON-BERK (JG)
File:	gc06_060523035	Batch:	315386	Time:	05-JUN-2023 21:48
Cal:	453205686001	Caldate:	22-MAY-2023		
IDF:	1.0	Raw Units:	ug/L	Units:	ug/dm2

- 1.00 dm2 ⇨ 10.0 ml = 10.0 ml/dm2 PDF

Analyte	Ch	Raw	Result	Conf	RPD	RL	Blank	Flags
Aroclor-1016	B	97.35	~~0.97~~ ~~FP~~	1.2	19%	0.50		x u
Aroclor-1016 Peak # 1	B	169.3	1.69	1.36	22%			
Aroclor-1016 Peak # 2	B	180.6	1.81	0.24	154%			
Aroclor-1016 Peak # 3	B	86.67	0.87	0.73	18%			
Aroclor-1016 Peak # 4	B	8.997	0.09	3.45	190%			
Aroclor-1016 Peak # 5	B	41.11	0.41	0.10	120%			
Aroclor-1221	B		ND			0.50		u
Aroclor-1232	B		ND			0.50		u
Aroclor-1242	B		ND			0.50		u
Aroclor-1248	B		ND			0.50		u
Aroclor-1254	B		ND			0.50		u
Aroclor-1260	B	31.35	ND	0.79	86%	0.50		u
Aroclor-1260 Peak # 1	B	16.68	0.17	2.13	171%			
Aroclor-1260 Peak # 2	B	51.28	0.51	0.04	174%			
Aroclor-1260 Peak # 3	B	33.39	0.33	0.12	95%			
Aroclor-1260 Peak # 4	B	16.45	0.16	1.48	160%			
Aroclor-1260 Peak # 5	B	38.92	0.39	0.17	77%			
Aroclor-1262	B		ND			0.50		u
Aroclor-1268	B		ND			0.50		u

Surrogate	Ch	Raw	Spiked	Result	%Rec	Limits	Flags
TCMX (PCB)	B	31.32	0.5000	0.3132	63	19-121	c- u
Decachlorobiphenyl (PCB)	B	30.18	0.5000	0.3018	60	19-121	u

NO INTERNAL STANDARD REFERENCE RUN FOUND FOR CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV(internal standard: 1BR2NITROBZ1268, 1BR2NITROBZ1262, 1BR2NITROBZ1232, 1BR2NITROBZ1242, 1BR2NITROBZ1221)

ISTD (CCV gc06_060523003)	Ch	CCV Abund	SAMPLE Abund	%Drift
1-bromo-2-nitrobenzene (PCB)	B	8992413	9614050	6.91
1-bromo-2-nitrobenzene (PCB)	A	3431466	3425494	-0.17

ISTD (ICAL gc06_060523009)	Ch	ICAL Abund	SAMPLE Abund	%Drift
1-bromo-2-nitrobenzene (1254)	B	9894264	**???**	**-100.00 ***
1-bromo-2-nitrobenzene (1254)	A	3688197	**???**	**-100.00 ***

ISTD (ICAL gc06_060523010)	Ch	ICAL Abund	SAMPLE Abund	%Drift
1-bromo-2-nitrobenzene (1248)	A	3562631	**???**	**-100.00 ***
1-bromo-2-nitrobenzene (1248)	B	9640375	**???**	**-100.00 ***

NO INTERNAL STANDARD REFERENCE RUN FOUND FOR CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV(internal standard: 1BR2NITROBZ1268, 1BR2NITROBZ1262, 1BR2NITROBZ1232, 1BR2NITROBZ1242, 1BR2NITROBZ1221)

ISTD (CCV gc06_060523003)	Ch	CCV RT	SAMPLE RT	Drift
1-bromo-2-nitrobenzene (PCB)	B	4.36	4.35	-0.01
1-bromo-2-nitrobenzene (PCB)	A	4.13	4.13	0.00

ISTD (ICAL gc06_060523009)	Ch	ICAL RT	SAMPLE RT	Drift
1-bromo-2-nitrobenzene (1254)	B	4.36	**???**	
1-bromo-2-nitrobenzene (1254)	A	4.13	**???**	

ISTD (ICAL gc06_060523010)	Ch	ICAL RT	SAMPLE RT	Drift
1-bromo-2-nitrobenzene (1248)	A	4.13	**???**	
1-bromo-2-nitrobenzene (1248)	B	4.36	**???**	

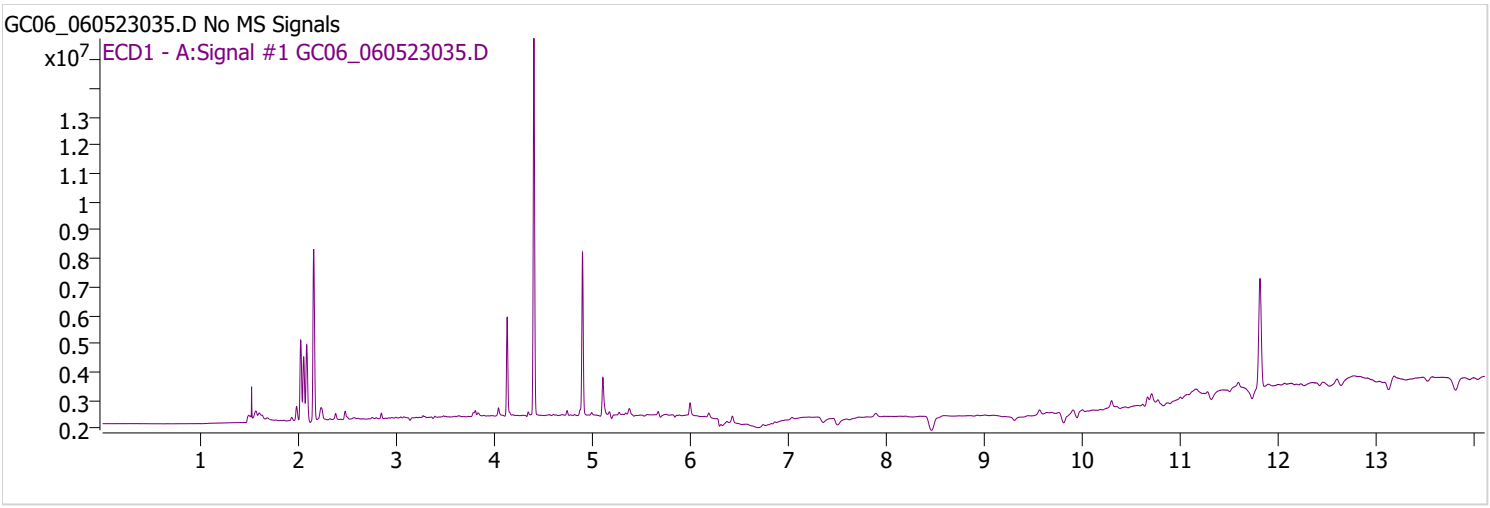
06/08/23 : WIPE/1DM^2-10ML

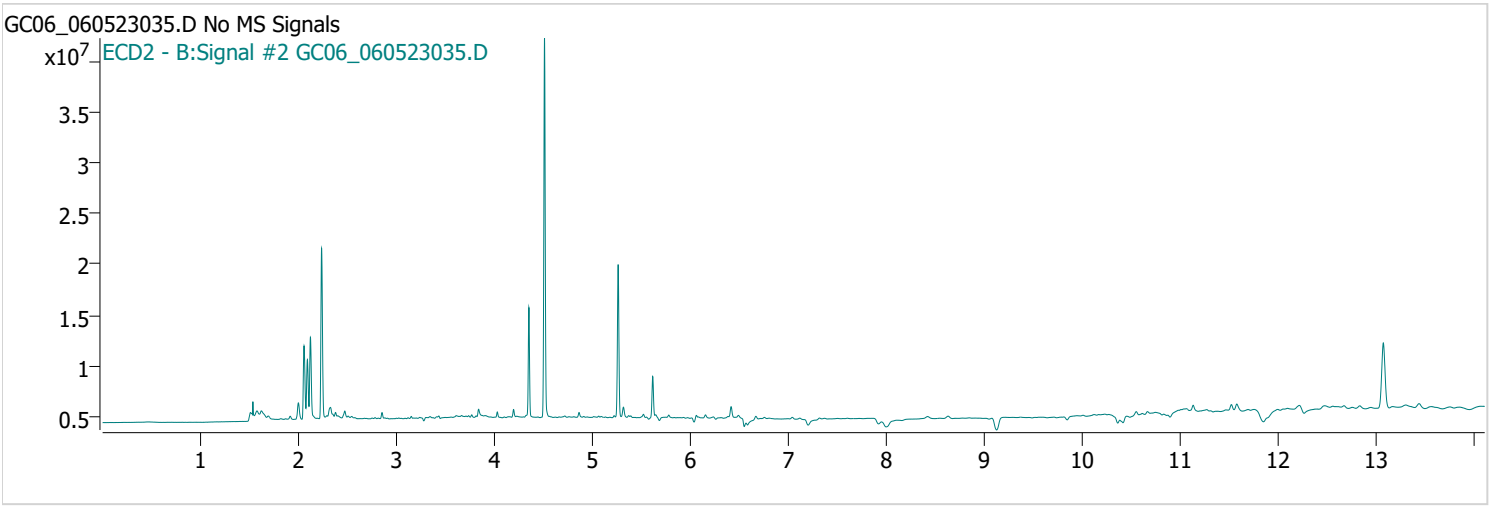
-=low bias c=CCV u=use x=false positive

Analyst: MES 06/08/23 **Reviewer:** MTS 06/08/23

Quantitation Results Report (Not Reviewed)

Data File	GC06_060523035.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	6/5/2023 9:48:49 PM
Sample Name	486134-015, 315386, 1	Instrument	SVOA-GC06
Vial	22	Multiplier	1.00
DA Method File	PCB_608_052323_GC06_9.m	Comment	WIPE/1DM^2-10ML
Tune File	ATUNE.U	Tune Date	
Batch Name	060523PCB.batch.bin	Last Calib Update	5/23/2023 1:46:10 PM
Ref Library			



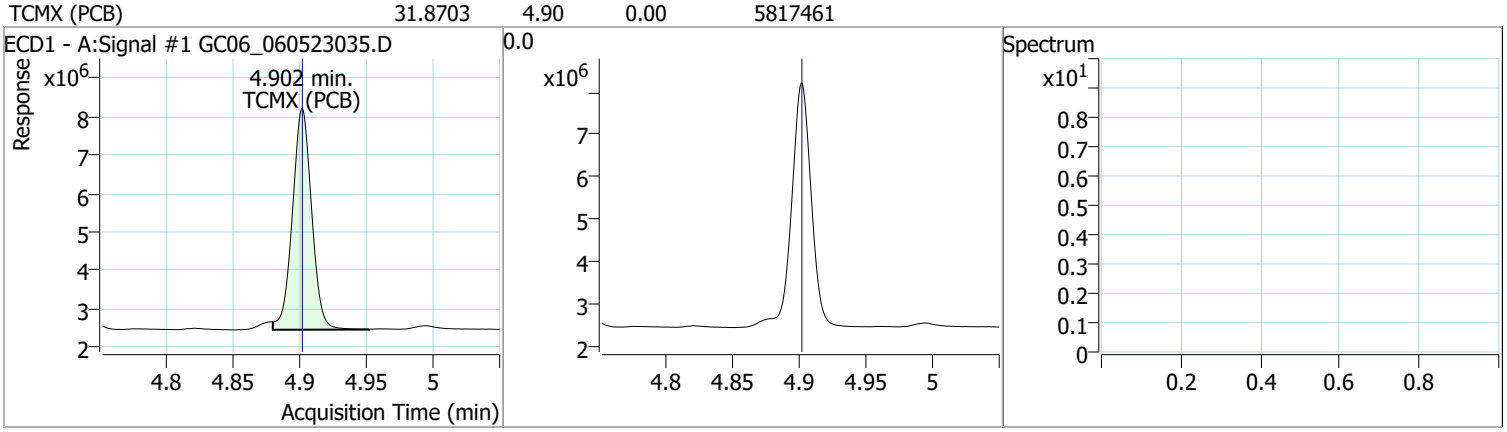


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1-bromo-2-nitrobenzene (PCB)	4.133	0.0	3425493.535	20.0000	ng/ml		-0.002
M 1-bromo-2-nitrobenzene (PCB) #2	4.354	0.0	9614050.031	20.0000	ng/ml		-0.001
System Monitoring Compounds							
S TCMX (PCB)	4.902	0.0	5817460.565	31.8703	ng/ml		-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 159.35%		*	
S TCMX (PCB) #2	5.266	0.0	15971184.462	31.3172	ng/ml		-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 156.59%		*	
S Decachlorobiphenyl (PCB)	11.822	0.0	8151415.046	35.6611	ng/ml		-0.004
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 178.31%		*	
S Decachlorobiphenyl (PCB) #2	13.082	0.0	15322981.926	30.1807	ng/ml		-0.002
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 150.90%		*	
Target Compounds							QValue

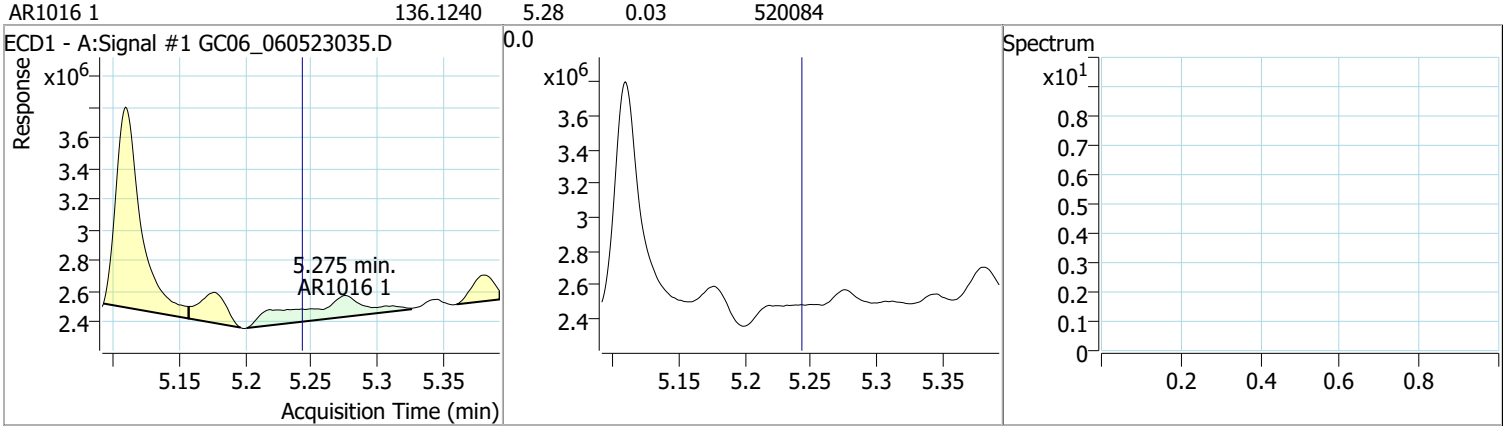
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T AR1016 1	5.275	0.0	520083.894	136.1240	ng/ml	100
T AR1016 2	5.498	0.0	182461.727	23.5232	ng/ml	100
T AR1016 1 #2	5.783	0.0	1695458.255	169.3102	ng/ml	100
T AR1016 3	6.000	0.0	720611.991	72.6848	ng/ml	100
T AR1016 2 #2	6.158	0.0	4063602.360	180.6470	ng/ml	100
T AR1016 4	6.191	0.0	2060535.795	344.8219	ng/ml	100
T AR1016 5	6.316	0.0	47238.960	10.3363	ng/ml	100
T AR1016 3 #2	6.673	0.0	2345956.169	86.6699	ng/ml	100
T AR1016 4 #2	6.805	0.0	175280.625	8.9971	ng/ml	100
T AR1016 5 #2	7.043	0.0	427194.741	41.1085	ng/ml	100
T AR1260 1	8.349	0.0	2410076.748	212.7580	ng/ml	100
T AR1260 2	8.938	0.0	61197.621	3.5389	ng/ml	100
T AR1260 3	9.449	0.0	218812.554	11.8417	ng/ml	100
T AR1260 1 #2	9.715	0.0	452334.693	16.6830	ng/ml	100
T AR1260 4	9.913	0.0	1486657.975	147.6741	ng/ml	100
T AR1260 2 #2	10.016	0.0	1567769.592	51.2846	ng/ml	100
T AR1260 3 #2	10.461	0.0	1306426.294	33.3951	ng/ml	100
T AR1260 5	10.623	0.0	274361.065	17.2359	ng/ml	100
T AR1260 4 #2	10.837	0.0	375797.233	16.4463	ng/ml	100
T AR1260 5 #2	11.531	0.0	1289163.935	38.9240	ng/ml	100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

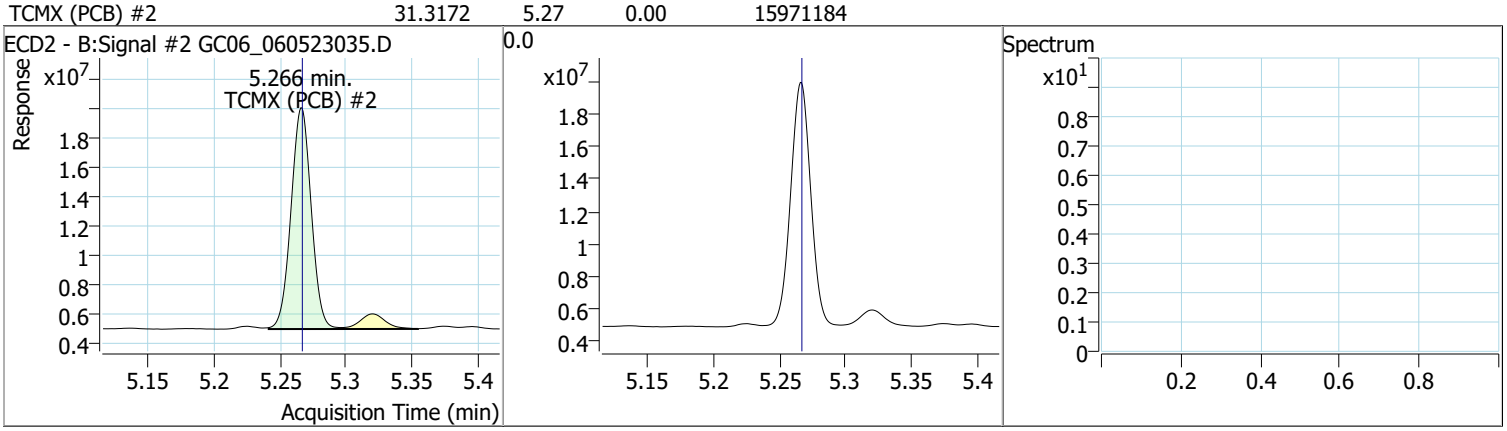
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	31.8703	4.90	0.00	5817461				



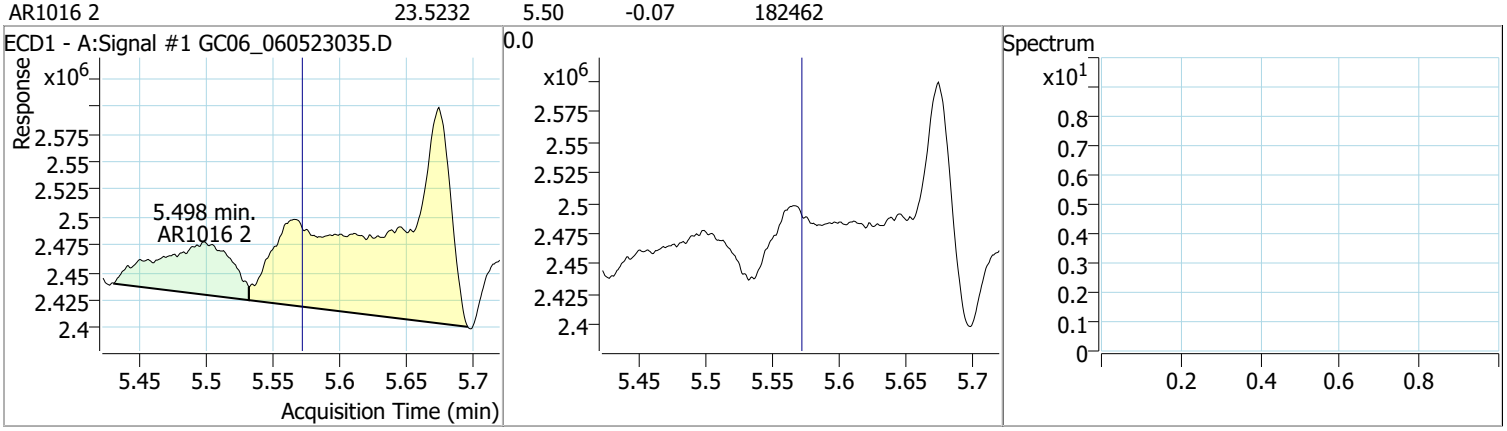
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	136.1240	5.28	0.03	520084				



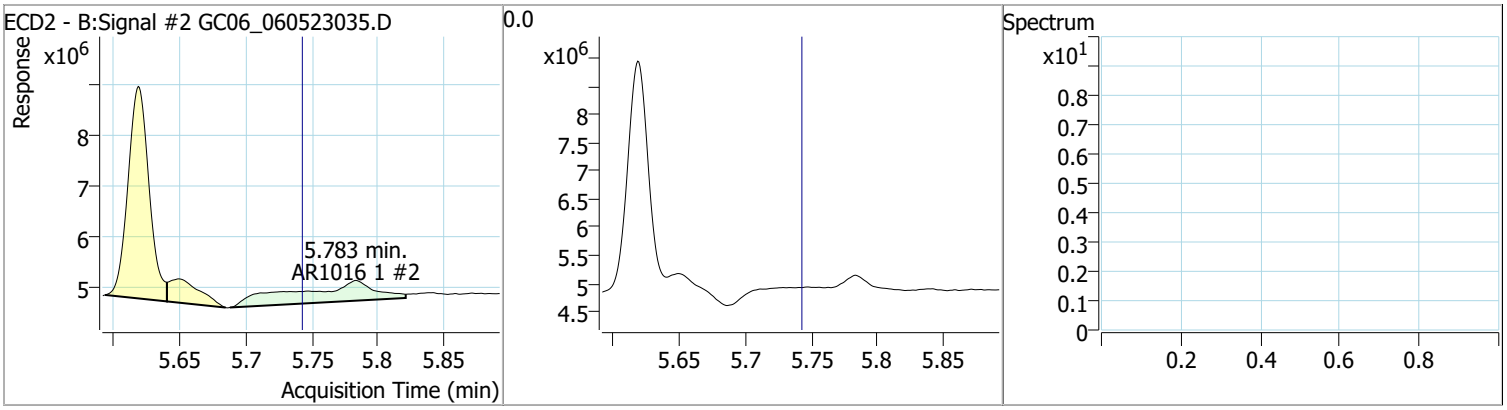
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB) #2	31.3172	5.27	0.00	15971184				



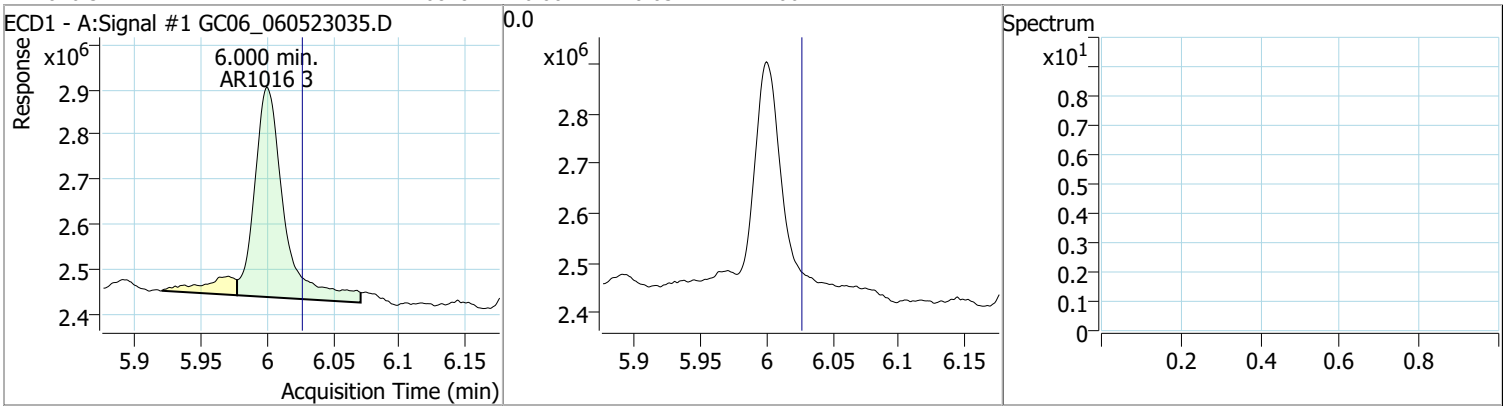
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	23.5232	5.50	-0.07	182462				



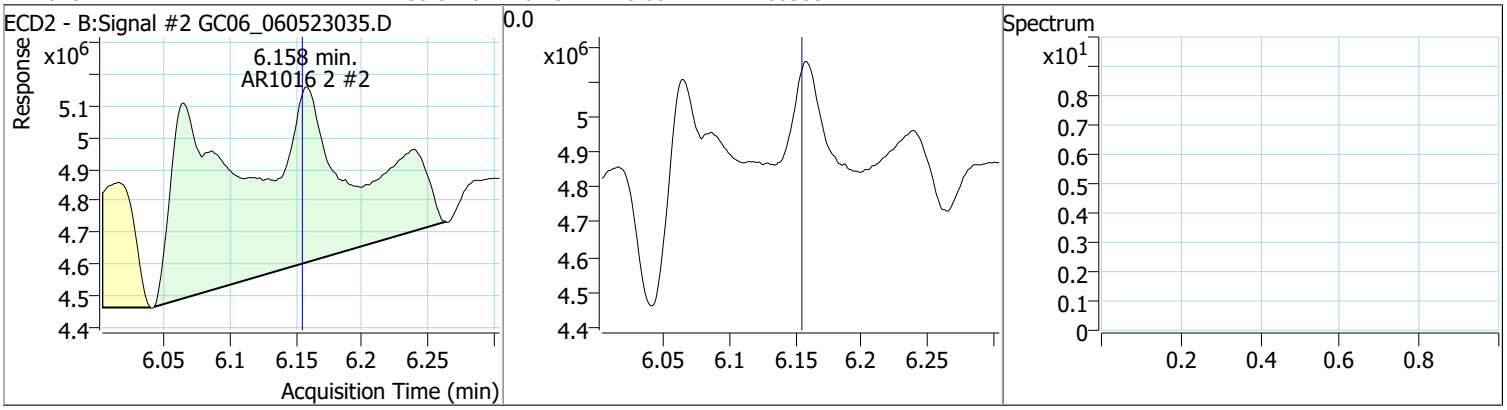
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1 #2	169.3102	5.78	0.04	1695458				



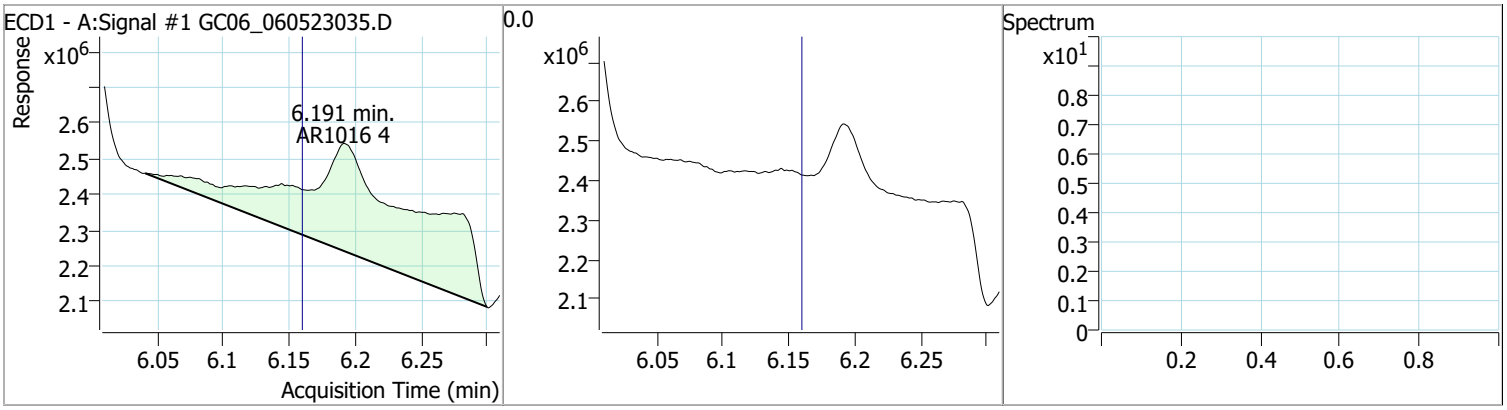
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	72.6848	6.00	-0.03	720612				



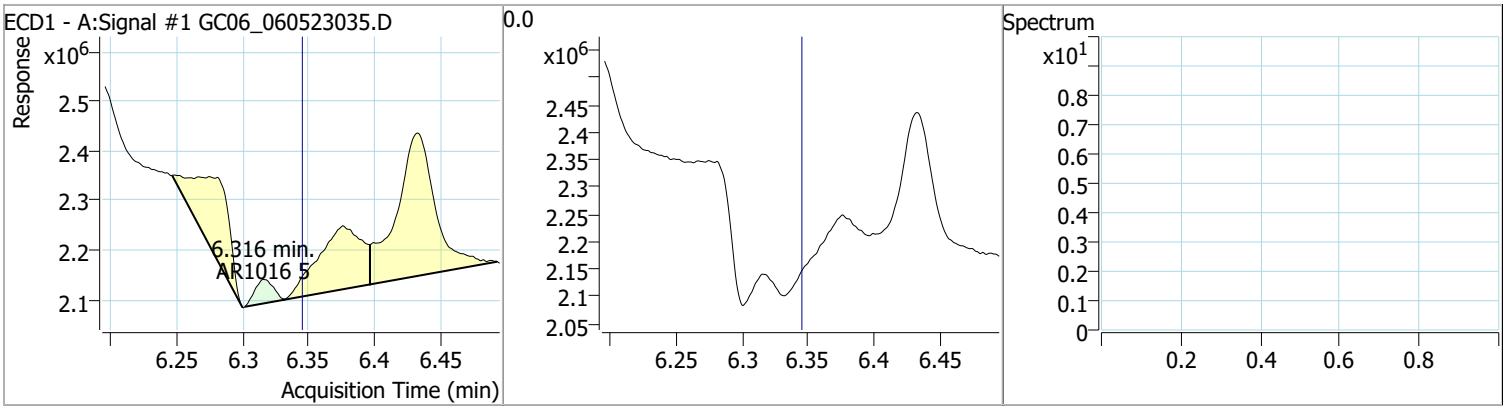
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	180.6470	6.16	0.00	4063602				



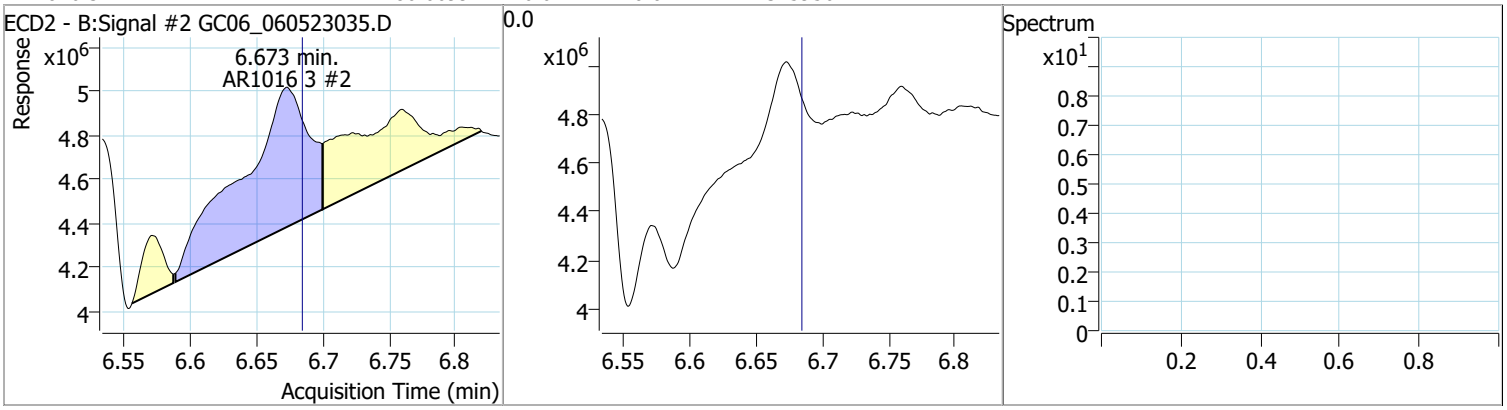
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4	344.8219	6.19	0.03	2060536				



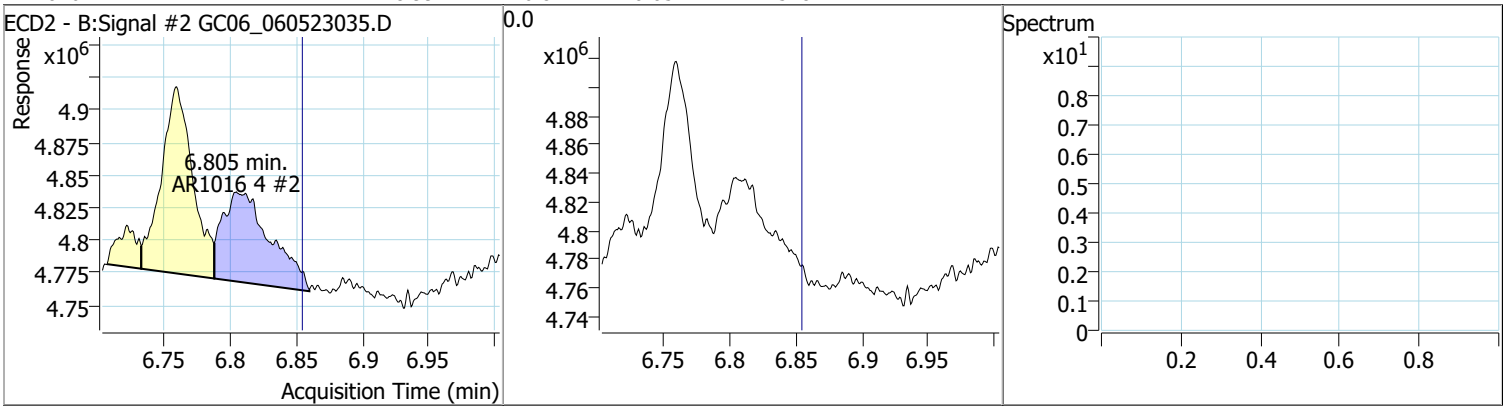
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	10.3363	6.32	-0.03	47239				



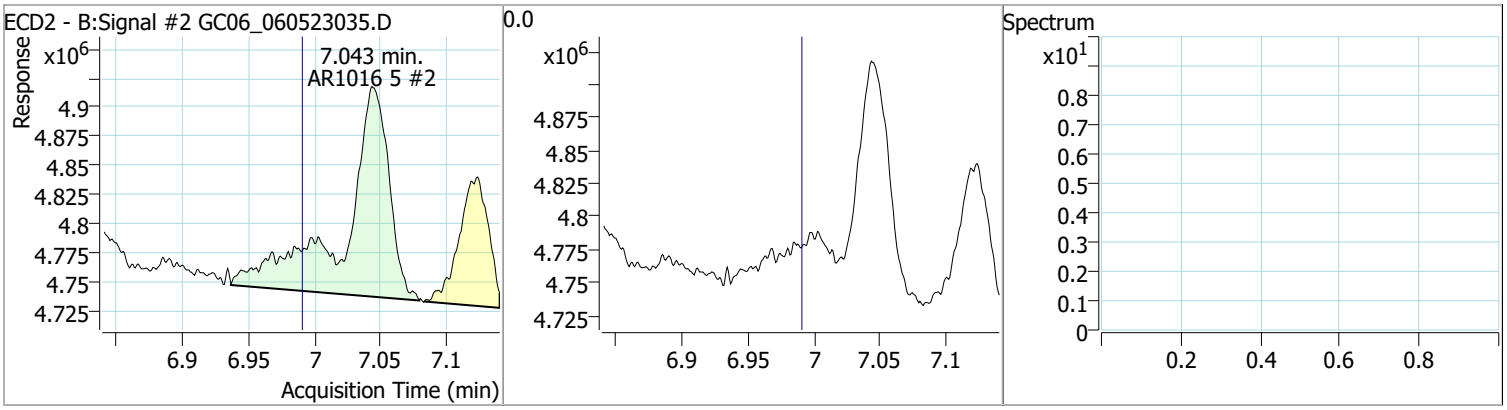
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	86.6699	6.67	-0.01	2345956				



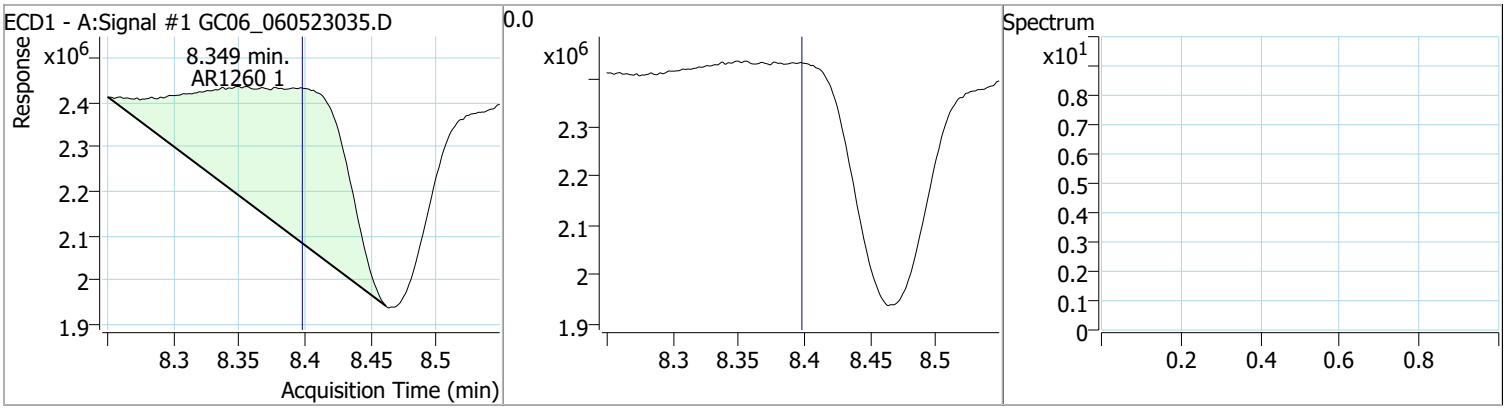
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4 #2	8.9971	6.81	-0.05	175281				



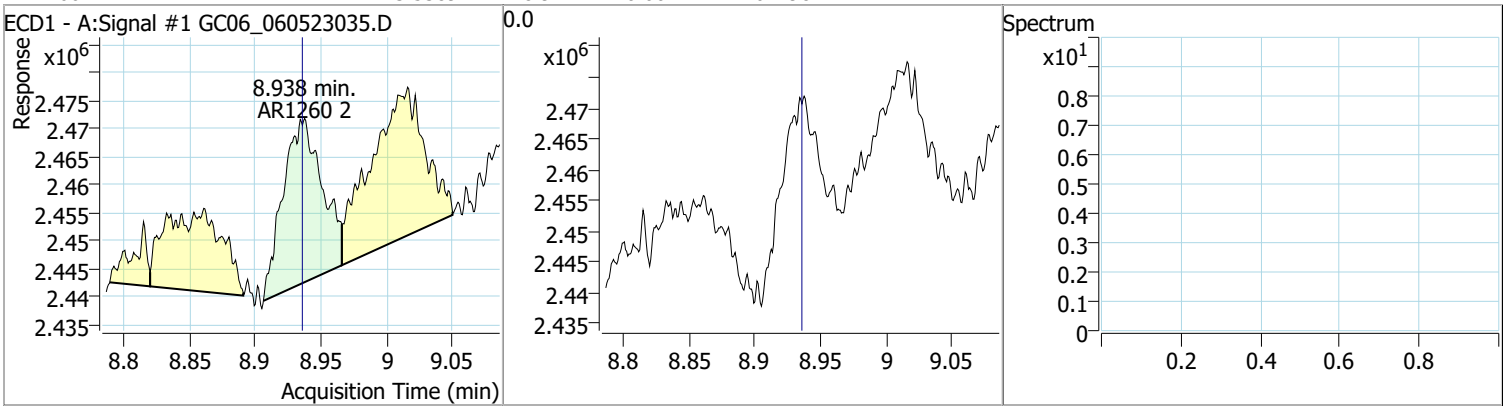
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	41.1085	7.04	0.05	427195				



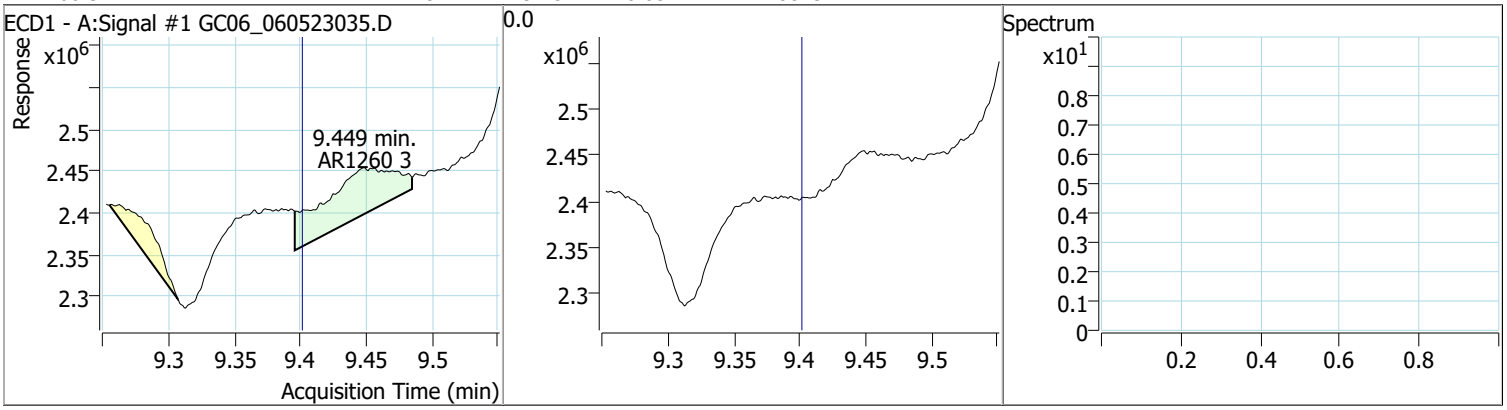
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	212.7580	8.35	-0.05	2410077				



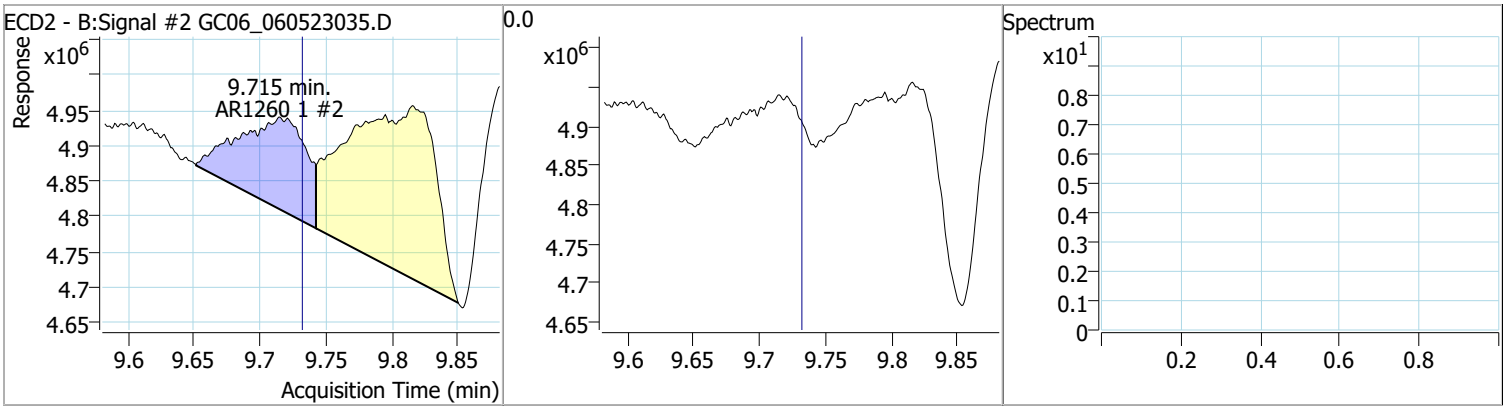
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	3.5389	8.94	0.00	61198				



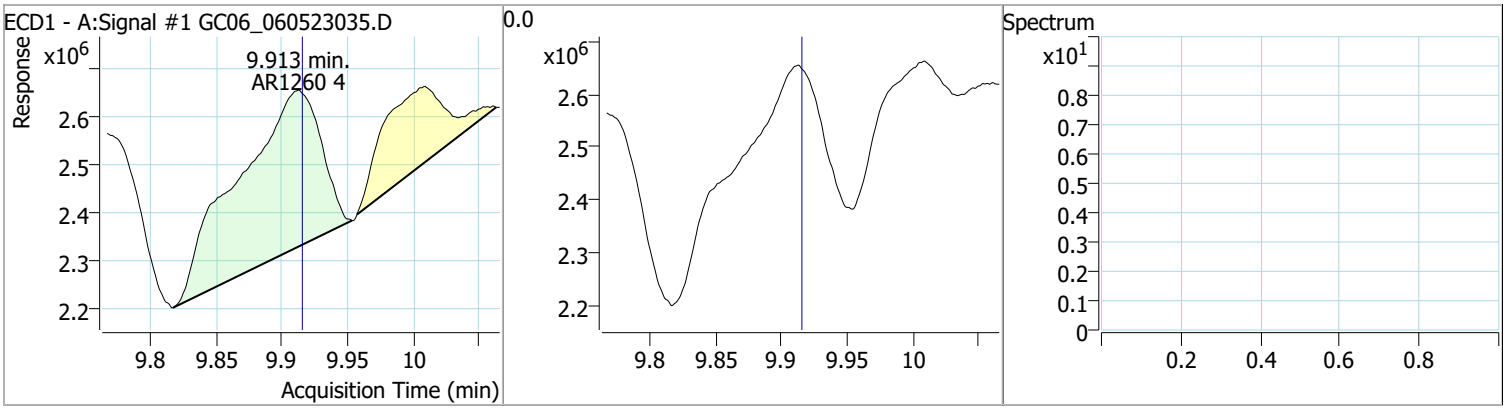
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3	11.8417	9.45	0.05	218813				



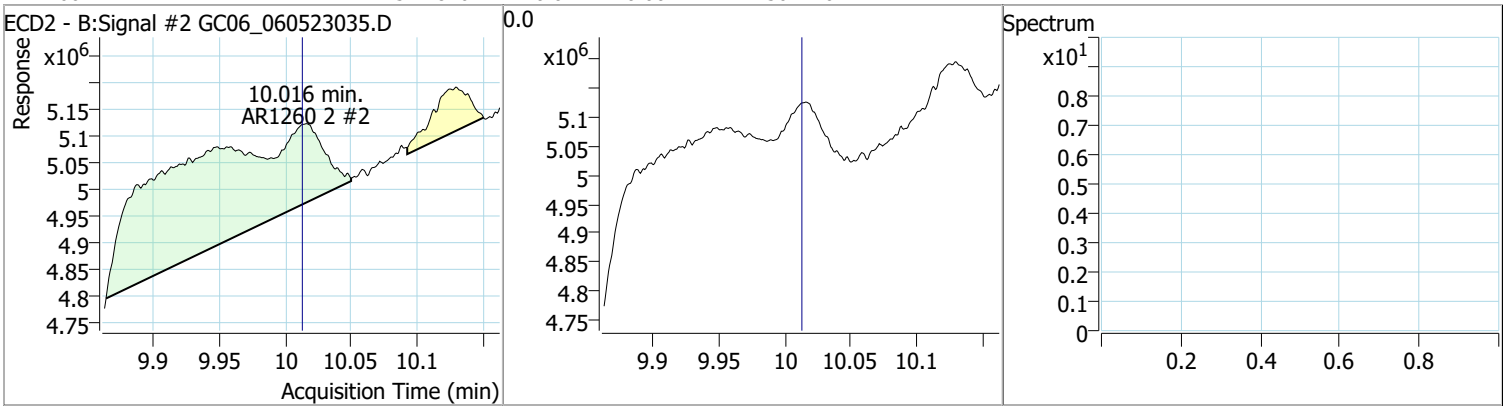
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1 #2	16.6830	9.72	-0.02	452335				



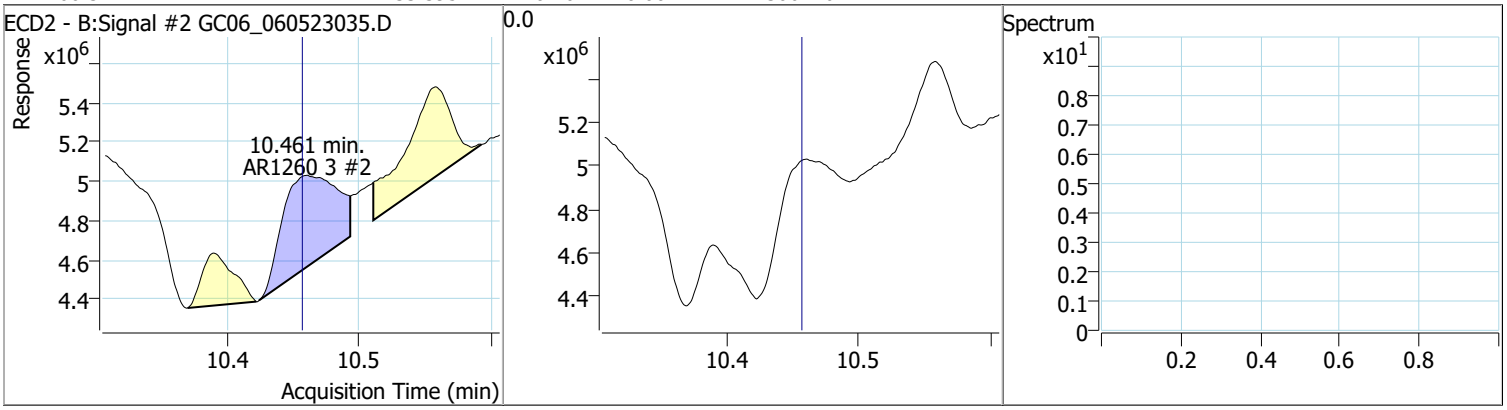
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4	147.6741	9.91	-0.01	1486658				



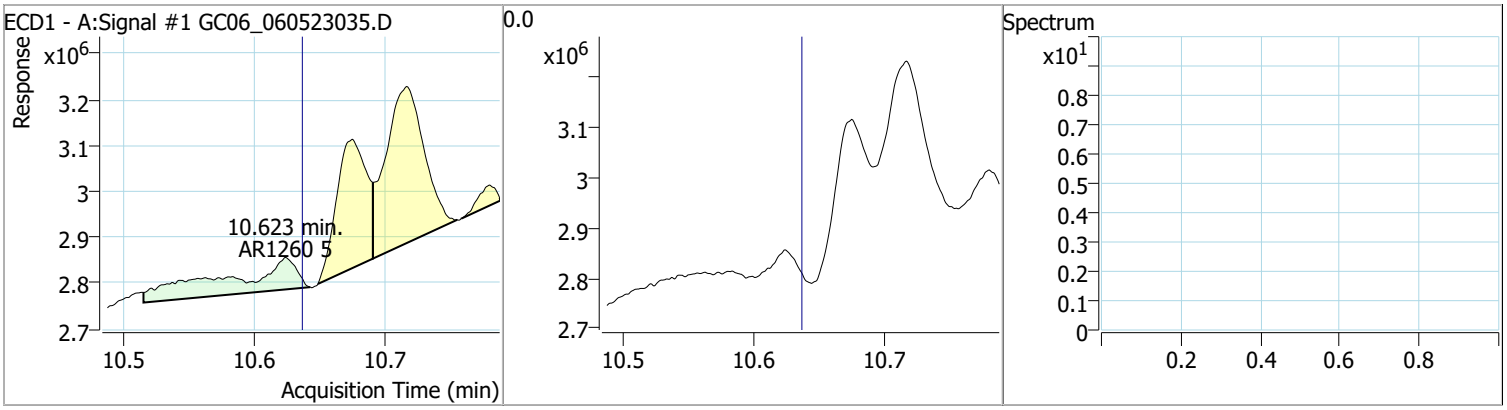
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	51.2846	10.02	0.00	1567770				



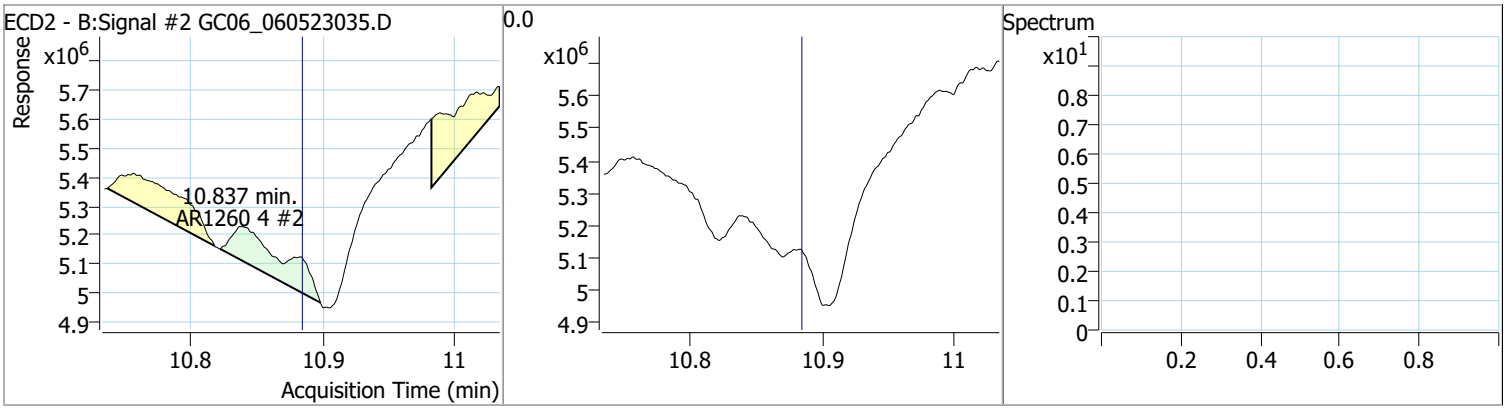
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3 #2	33.3951	10.46	0.00	1306426				



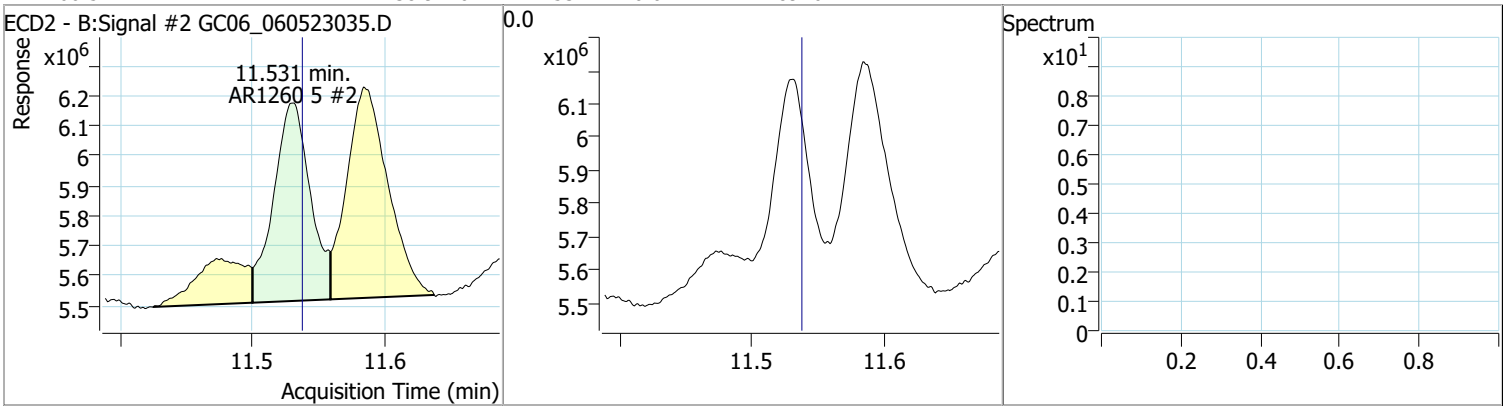
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	17.2359	10.62	-0.02	274361				



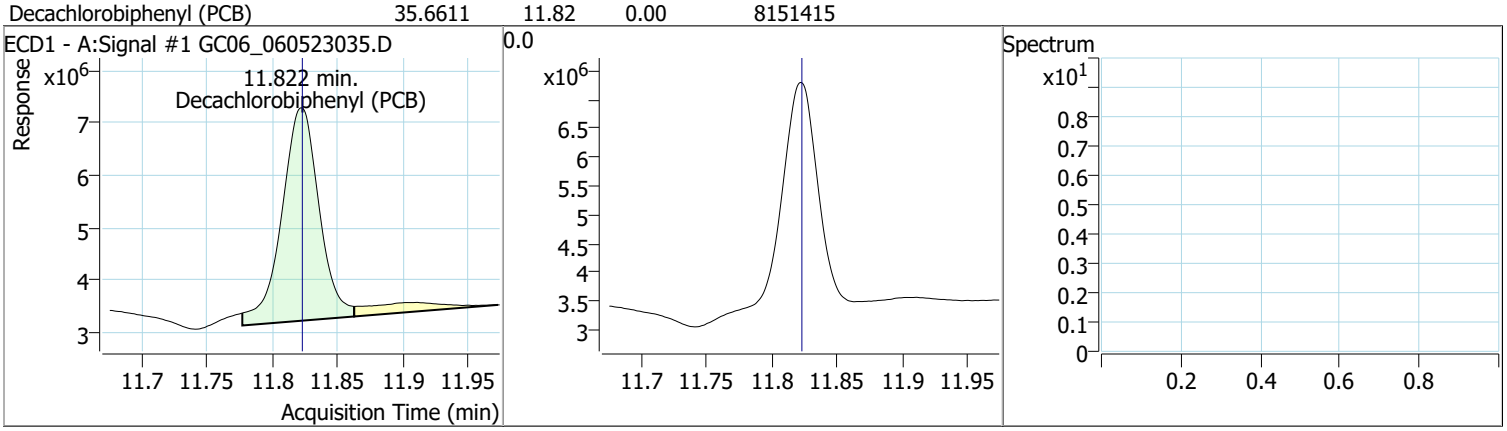
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	16.4463	10.84	-0.05	375797				



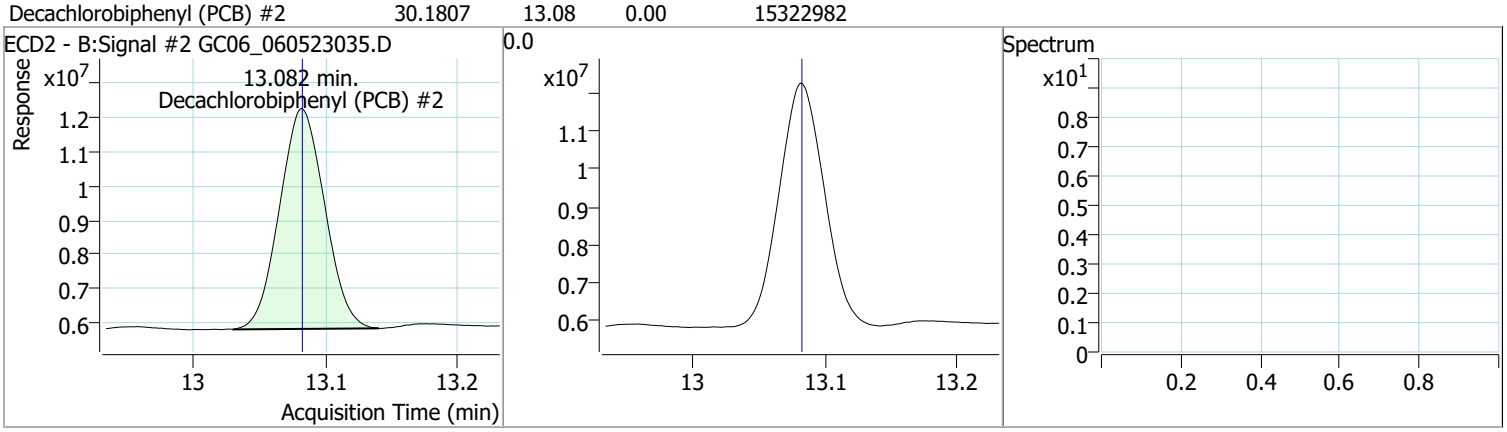
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	38.9240	11.53	-0.01	1289164				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	35.6611	11.82	0.00	8151415				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	30.1807	13.08	0.00	15322982				



ENTHALPY SAMPLE USER REPORT FOR EPA 8082

Inst:	SVOA-GC06	Lab ID:	486134-017	Client ID:	AFRAME-C6E-LAT-L3-UP-C6.4-DG-230601-P-LA
Seqnum:	453225344036	Matrix:	Wipe	Acct:	RINCON-BERK (JG)
File:	gc06_060523036	Batch:	315386	Time:	05-JUN-2023 22:07
Cal:	453205686001	Caldate:	22-MAY-2023		
IDF:	1.0	Raw Units:	ug/L	Units:	ug/dm2

- 1.00 dm2 ⇨ 10.0 ml = 10.0 ml/dm2 PDF

Analyte	Ch	Raw	Result	Conf	RPD	RL	Blank	Flags
Aroclor-1016	B	60.67	~~0.61~~ ~~FP~~	0.21	96%	0.50		x u
Aroclor-1016 Peak # 1	B	73.45	0.73	0.07	165%			
Aroclor-1016 Peak # 2	B	122.3	1.22	0.18	148%			
Aroclor-1016 Peak # 3	B	81.39	0.81	0.70	15%			
Aroclor-1016 Peak # 4	B	12.35	0.12	ND				
Aroclor-1016 Peak # 5	B	13.80	0.14	0.11	26%			
Aroclor-1221	B		ND			0.50		u
Aroclor-1232	B		ND			0.50		u
Aroclor-1242	B		ND			0.50		u
Aroclor-1248	B		ND			0.50		u
Aroclor-1254	B		ND			0.50		u
Aroclor-1260	B	22.54	ND	0.49	73%	0.50		u
Aroclor-1260 Peak # 1	B	9.605	0.10	2.11	183%			
Aroclor-1260 Peak # 2	B	55.16	0.55	0.01	194%			
Aroclor-1260 Peak # 3	B	10.28	0.10	0.14	28%			
Aroclor-1260 Peak # 4	B	16.45	0.16	ND				
Aroclor-1260 Peak # 5	B	21.22	0.21	0.18	14%			
Aroclor-1262	B		ND			0.50		u
Aroclor-1268	B		ND			0.50		u

Surrogate	Ch	Raw	Spiked	Result	%Rec	Limits	Flags
TCMX (PCB)	B	32.11	0.5000	0.3211	64	19-121	c- u
Decachlorobiphenyl (PCB)	B	30.19	0.5000	0.3019	60	19-121	u

NO INTERNAL STANDARD REFERENCE RUN FOUND FOR CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV(internal standard: 1BR2NITROBZ1268, 1BR2NITROBZ1262, 1BR2NITROBZ1232, 1BR2NITROBZ1242, 1BR2NITROBZ1221)

ISTD (CCV gc06_060523003)	Ch	CCV Abund	SAMPLE Abund	%Drift
1-bromo-2-nitrobenzene (PCB)	B	8992413	9228693	2.63
1-bromo-2-nitrobenzene (PCB)	A	3431466	3319228	-3.27

ISTD (ICAL gc06_060523009)	Ch	ICAL Abund	SAMPLE Abund	%Drift
1-bromo-2-nitrobenzene (1254)	B	9894264	**???**	**-100.00 ***
1-bromo-2-nitrobenzene (1254)	A	3688197	**???**	**-100.00 ***

ISTD (ICAL gc06_060523010)	Ch	ICAL Abund	SAMPLE Abund	%Drift
1-bromo-2-nitrobenzene (1248)	A	3562631	**???**	**-100.00 ***
1-bromo-2-nitrobenzene (1248)	B	9640375	**???**	**-100.00 ***

NO INTERNAL STANDARD REFERENCE RUN FOUND FOR CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV(internal standard: 1BR2NITROBZ1268, 1BR2NITROBZ1262, 1BR2NITROBZ1232, 1BR2NITROBZ1242, 1BR2NITROBZ1221)

ISTD (CCV gc06_060523003)	Ch	CCV RT	SAMPLE RT	Drift
1-bromo-2-nitrobenzene (PCB)	B	4.36	4.35	-0.01
1-bromo-2-nitrobenzene (PCB)	A	4.13	4.13	0.00

ISTD (ICAL gc06_060523009)	Ch	ICAL RT	SAMPLE RT	Drift
1-bromo-2-nitrobenzene (1254)	B	4.36	**???**	
1-bromo-2-nitrobenzene (1254)	A	4.13	**???**	

ISTD (ICAL gc06_060523010)	Ch	ICAL RT	SAMPLE RT	Drift
1-bromo-2-nitrobenzene (1248)	A	4.13	**???**	
1-bromo-2-nitrobenzene (1248)	B	4.36	**???**	

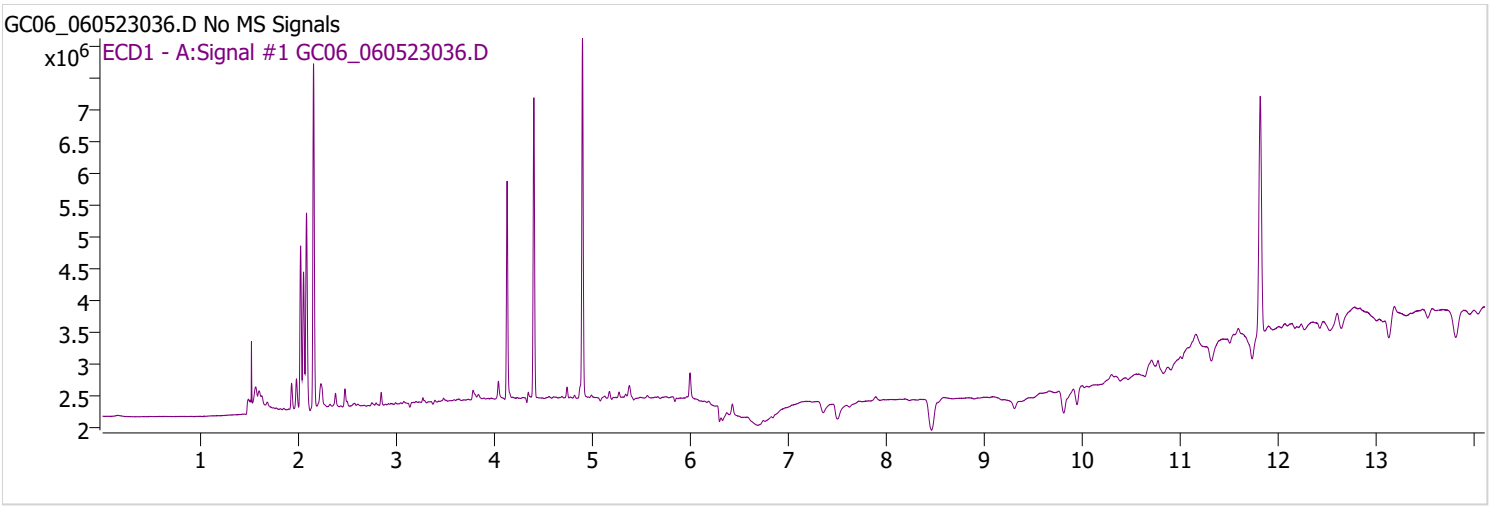
06/08/23 : WIPE/1DM^2-10ML

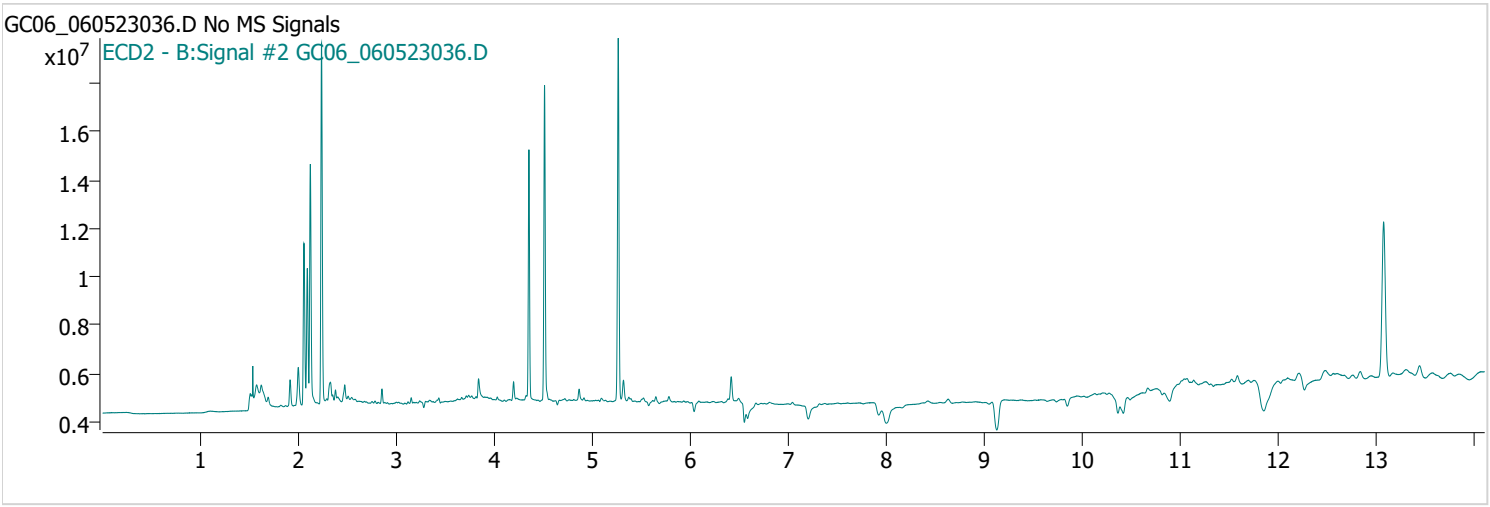
-=low bias c=CCV u=use x=false positive

Analyst: MES 06/08/23 **Reviewer:** MTS 06/08/23

Quantitation Results Report (Not Reviewed)

Data File	GC06_060523036.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	6/5/2023 10:07:12 PM
Sample Name	486134-017, 315386, 1	Instrument	SVOA-GC06
Vial	23	Multiplier	1.00
DA Method File	PCB_608_052323_GC06_9.m	Comment	WIPE/1DM^2-10ML
Tune File	ATUNE.U	Tune Date	
Batch Name	060523PCB.batch.bin	Last Calib Update	5/23/2023 1:46:10 PM
Ref Library			



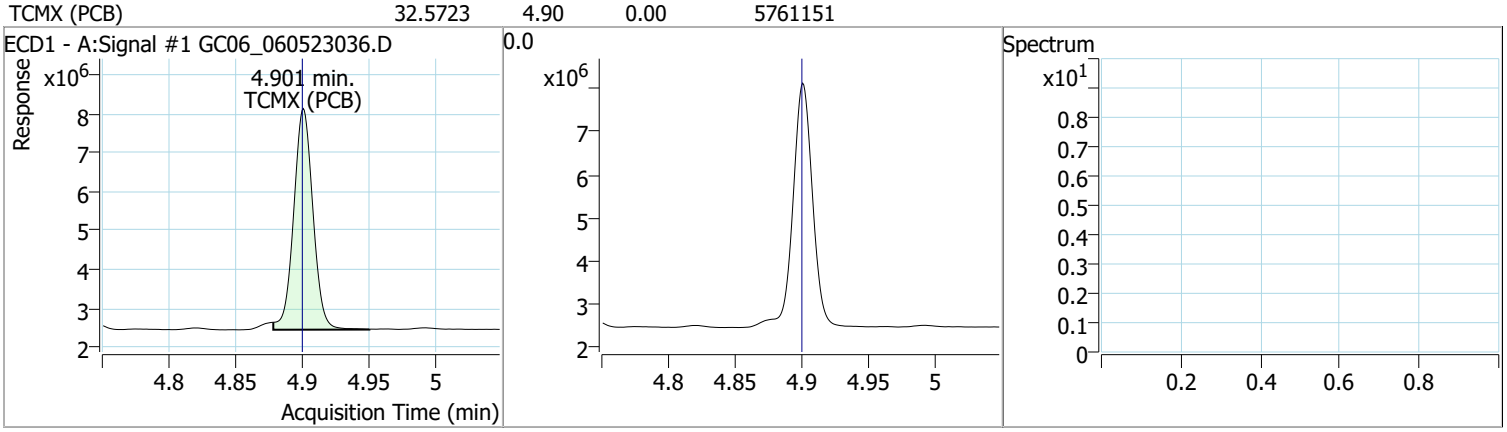


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1-bromo-2-nitrobenzene (PCB)	4.131	0.0	3319227.543	20.0000	ng/ml		-0.003
M 1-bromo-2-nitrobenzene (PCB) #2	4.354	0.0	9228692.694	20.0000	ng/ml		-0.001
System Monitoring Compounds							
S TCMX (PCB)	4.901	0.0	5761151.403	32.5723	ng/ml		-0.002
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 162.86%		*	
S TCMX (PCB) #2	5.266	0.0	15720016.692	32.1119	ng/ml		-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 160.56%		*	
S Decachlorobiphenyl (PCB)	11.822	0.0	8067189.453	36.4225	ng/ml		-0.004
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 182.11%		*	
S Decachlorobiphenyl (PCB) #2	13.081	0.0	14711368.419	30.1860	ng/ml		-0.003
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 150.93%		*	
Target Compounds							QValue

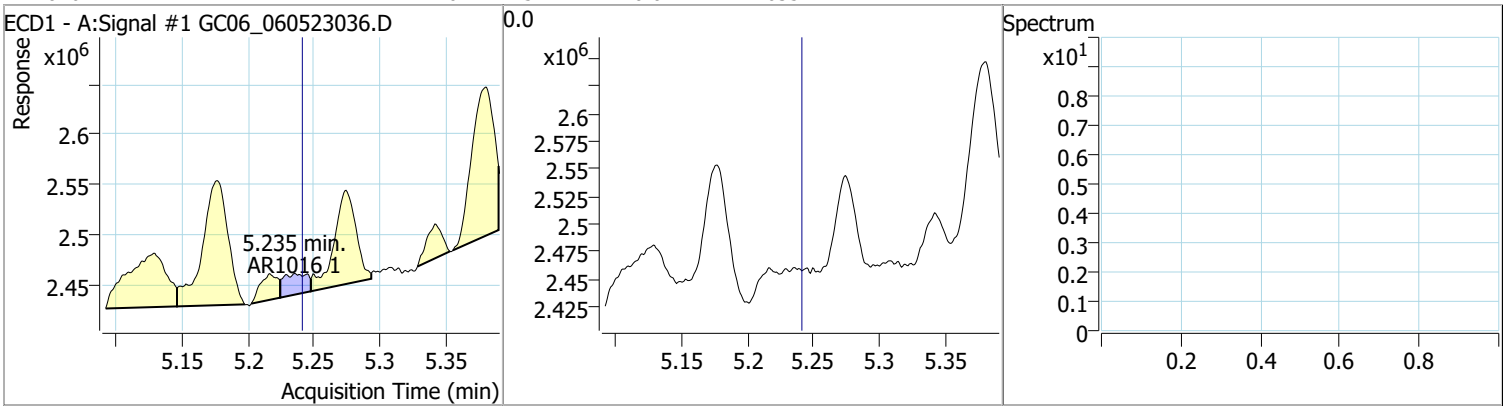
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T AR1016 1	5.235	0.0	26350.505	7.1176	ng/ml	100
T AR1016 2	5.562	0.0	137249.776	18.2609	ng/ml	100
T AR1016 1 #2	5.784	0.0	706067.012	73.4528	ng/ml	100
T AR1016 3	5.999	0.0	673741.007	70.1328	ng/ml	100
T AR1016 2 #2	6.091	0.0	2641568.123	122.3341	ng/ml	100
T AR1016 4	0.000		0	N.D.		
T AR1016 5	6.316	0.0	46846.320	10.5786	ng/ml	100
T AR1016 3 #2	6.673	0.0	2114654.697	81.3868	ng/ml	100
T AR1016 4 #2	6.811	0.0	231022.340	12.3535	ng/ml	100
T AR1016 5 #2	6.995	0.0	137685.596	13.8026	ng/ml	100
T AR1260 1	8.358	0.0	2314664.343	210.8770	ng/ml	100
T AR1260 2	8.938	0.0	12986.833	0.7750	ng/ml	100
T AR1260 3	9.483	0.0	242815.761	13.5614	ng/ml	100
T AR1260 1 #2	9.706	0.0	249988.437	9.6051	ng/ml	100
T AR1260 4	0.000		0	N.D.		
T AR1260 2 #2	9.952	0.0	1618755.332	55.1635	ng/ml	100
T AR1260 3 #2	10.389	0.0	386080.663	10.2811	ng/ml	100
T AR1260 5	10.579	0.0	285060.317	18.4814	ng/ml	100
T AR1260 4 #2	10.842	0.0	360778.336	16.4483	ng/ml	100
T AR1260 5 #2	11.530	0.0	674779.815	21.2245	ng/ml	100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

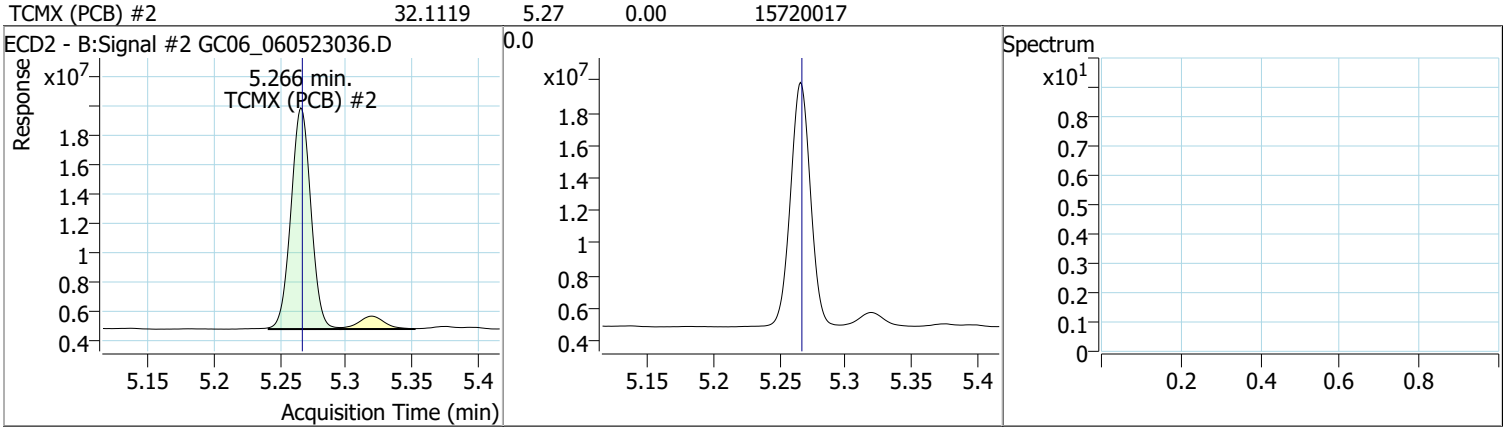
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	32.5723	4.90	0.00	5761151				



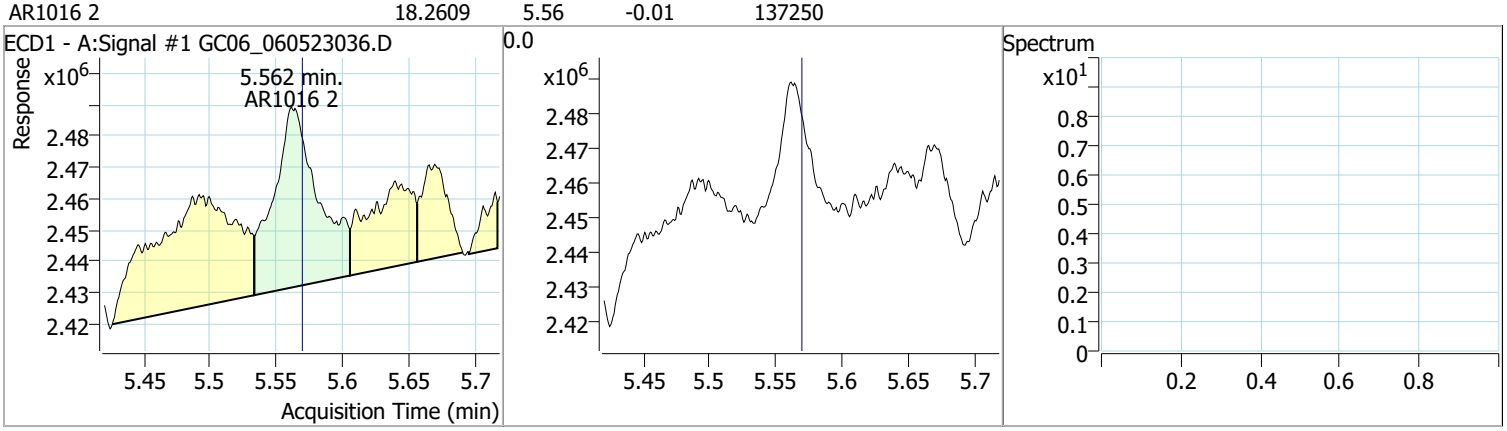
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	7.1176	5.24	-0.01	26351				



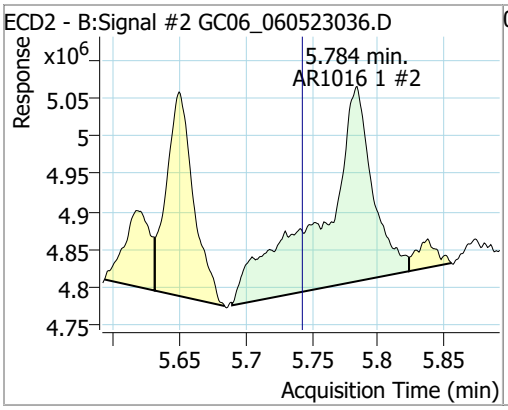
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB) #2	32.1119	5.27	0.00	15720017				

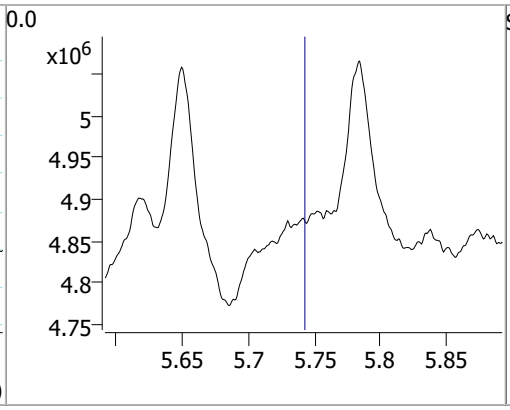


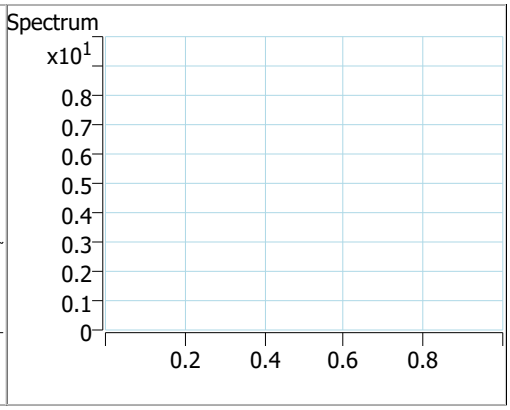
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	18.2609	5.56	-0.01	137250				



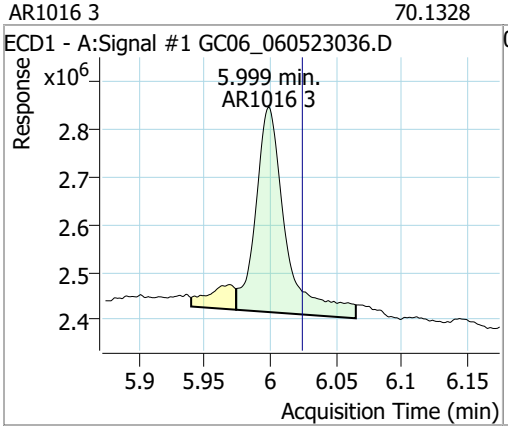
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1 #2	73.4528	5.78	0.04	706067				

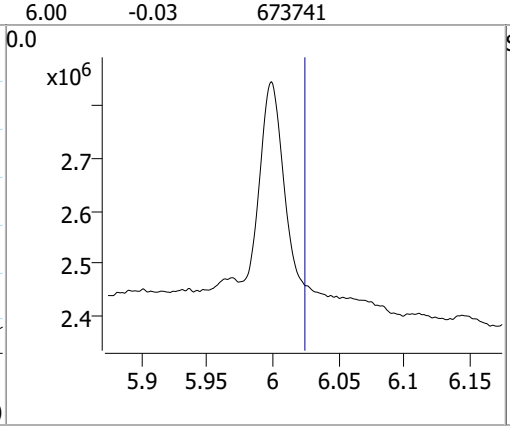


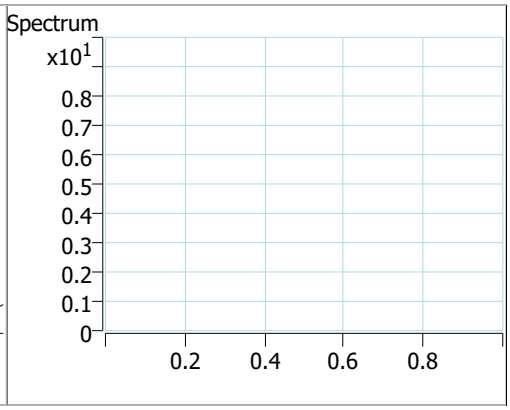




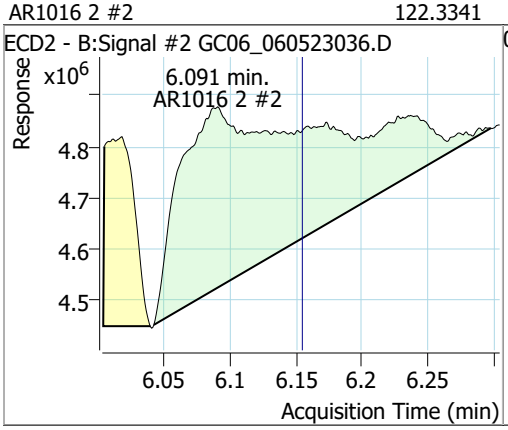
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	70.1328	6.00	-0.03	673741				

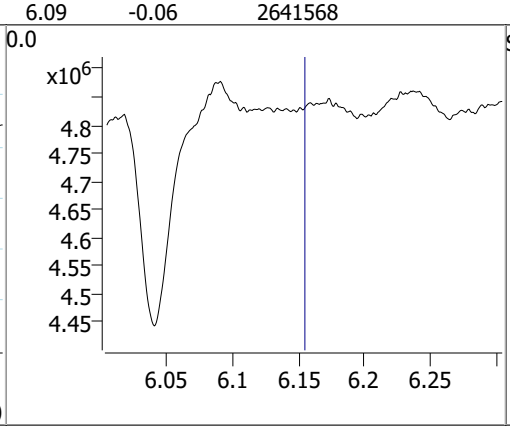


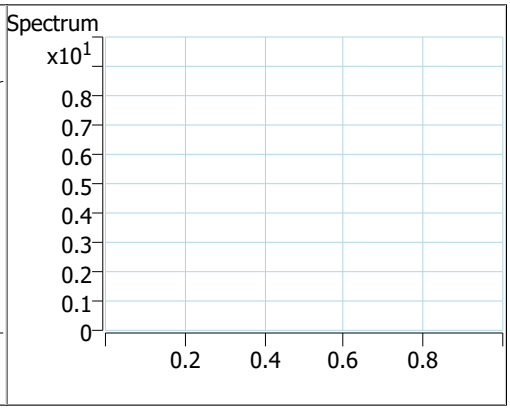




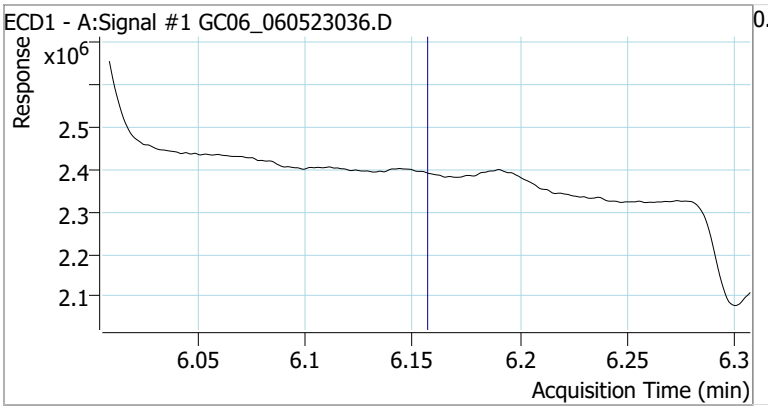
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	122.3341	6.09	-0.06	2641568				

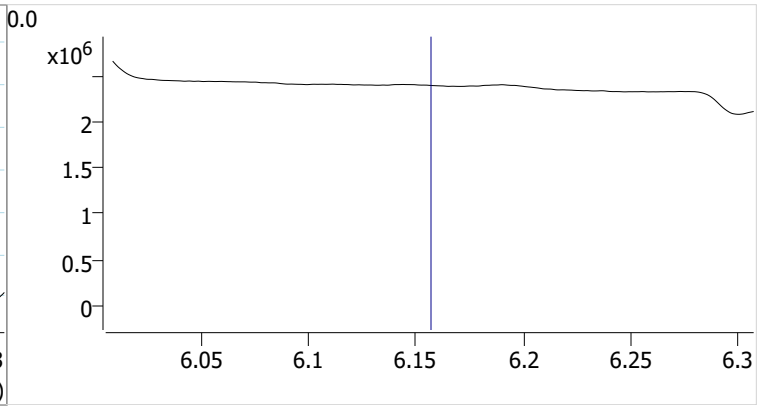




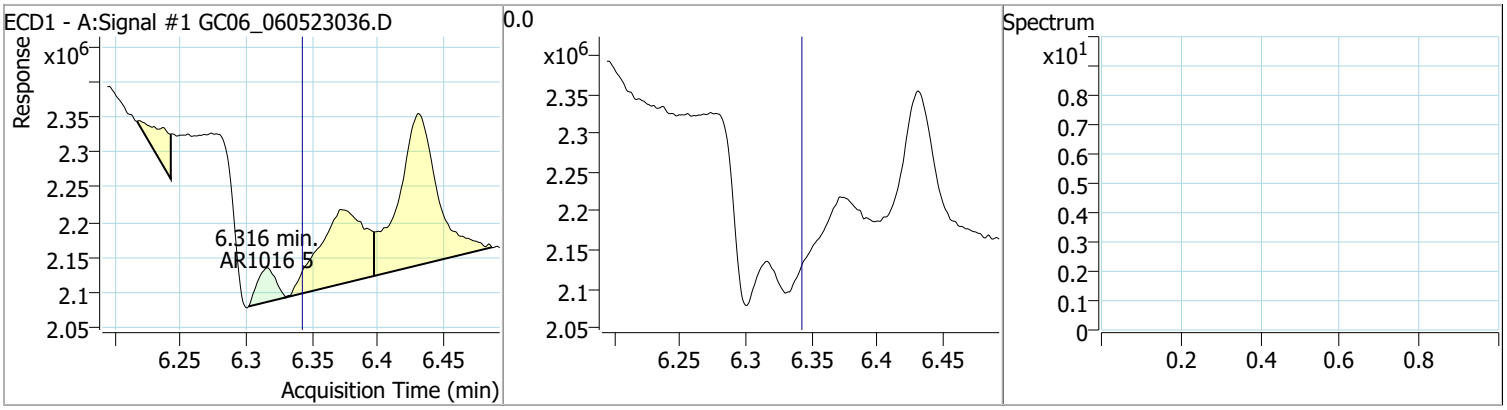


Compound	Conc.	Exp RT	QIon	Exp Ratio
AR1016 4	N.D.	6.16		

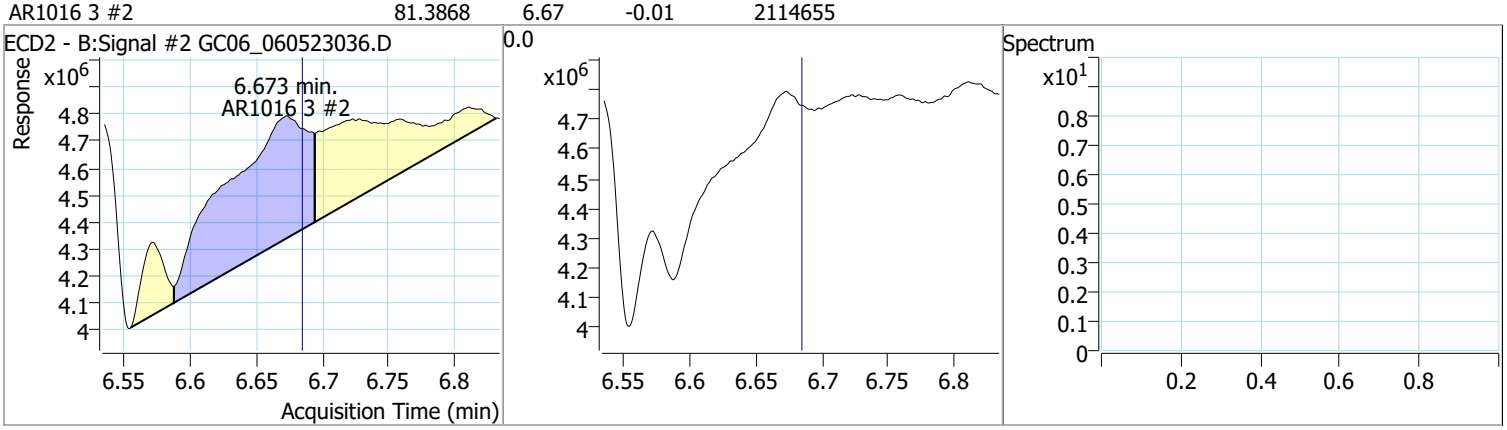




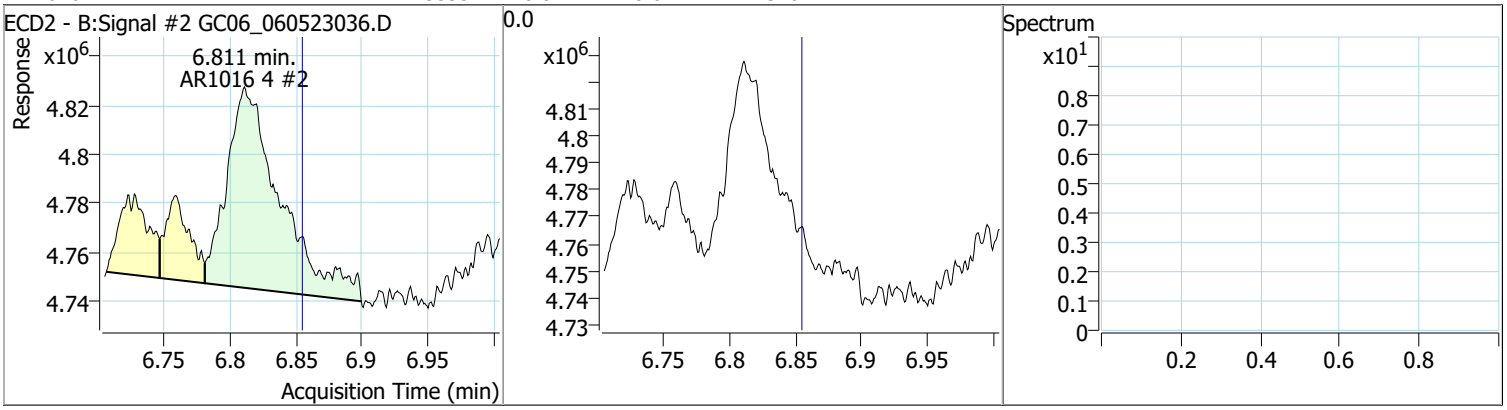
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	10.5786	6.32	-0.03	46846				



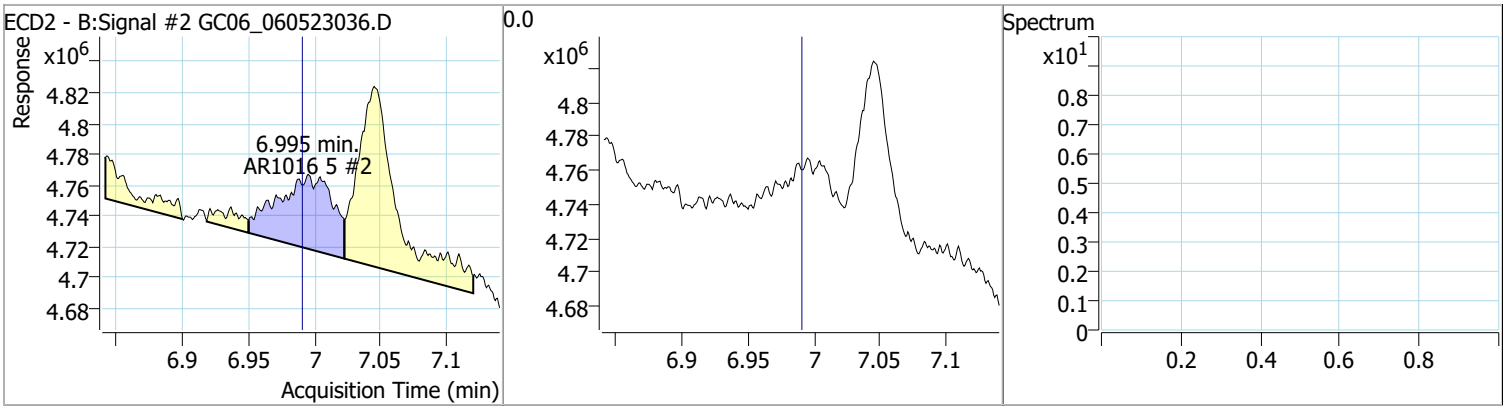
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	81.3868	6.67	-0.01	2114655				



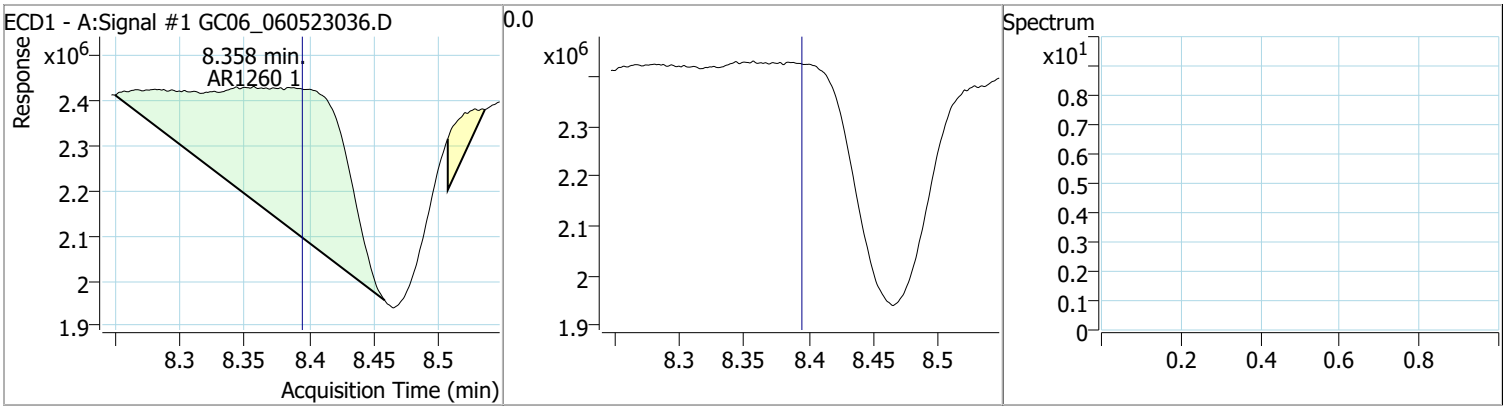
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4 #2	12.3535	6.81	-0.04	231022				



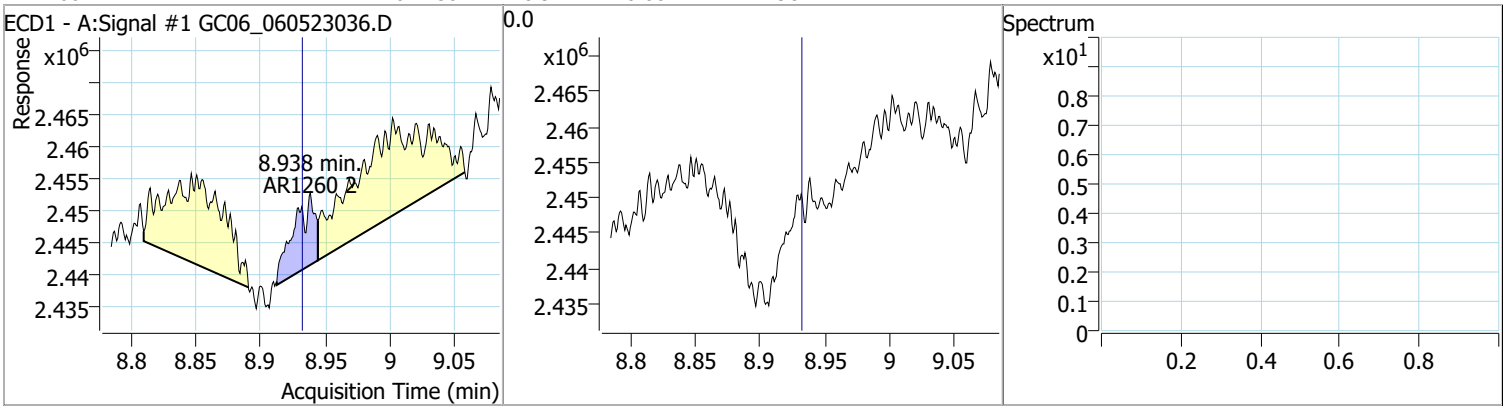
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	13.8026	7.00	0.00	137686				



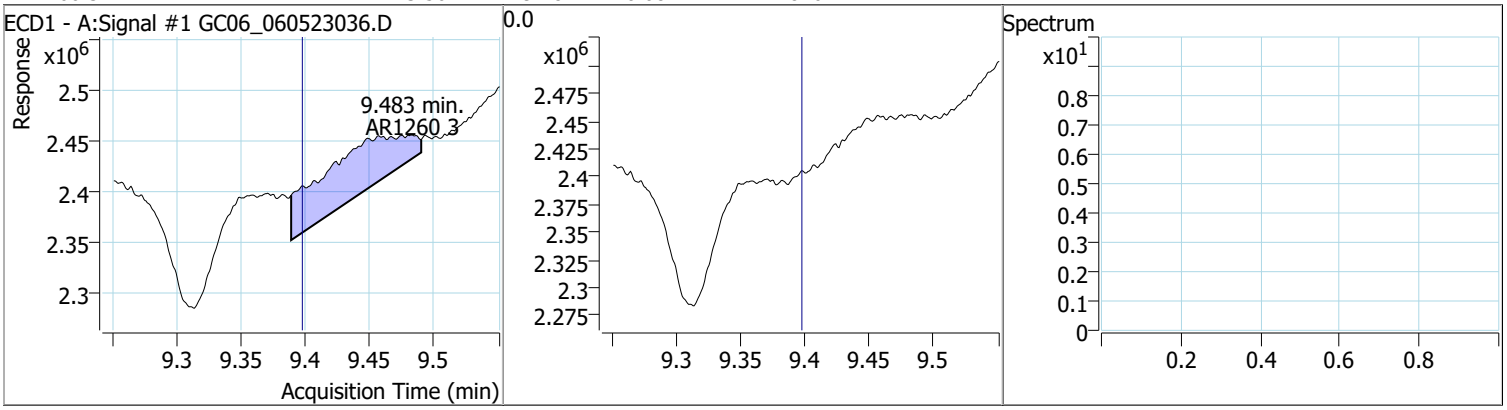
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	210.8770	8.36	-0.04	2314664				



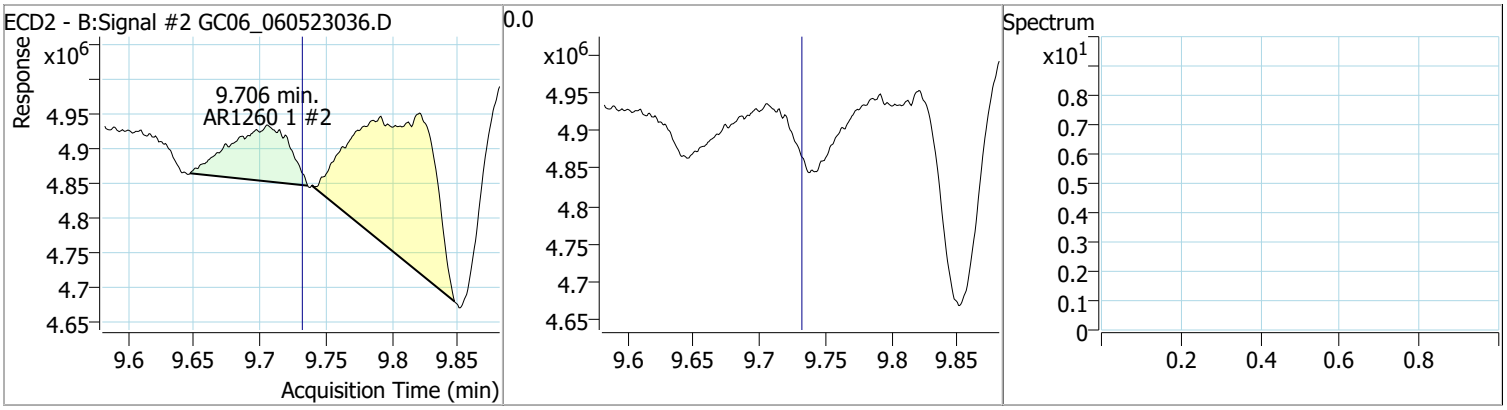
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	0.7750	8.94	0.00	12987				



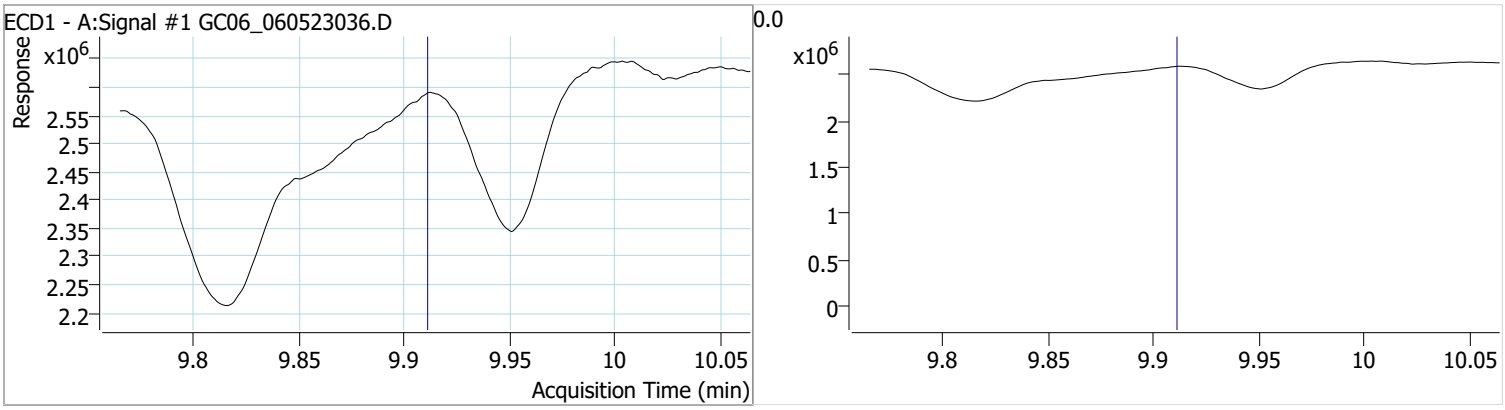
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3	13.5614	9.48	0.08	242816				



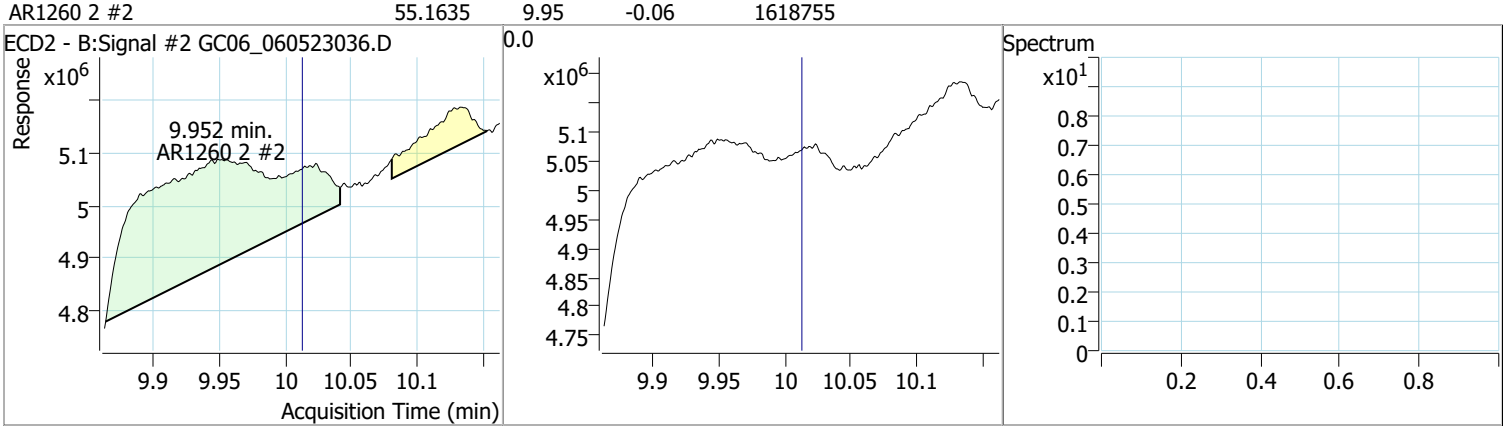
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1 #2	9.6051	9.71	-0.03	249988				



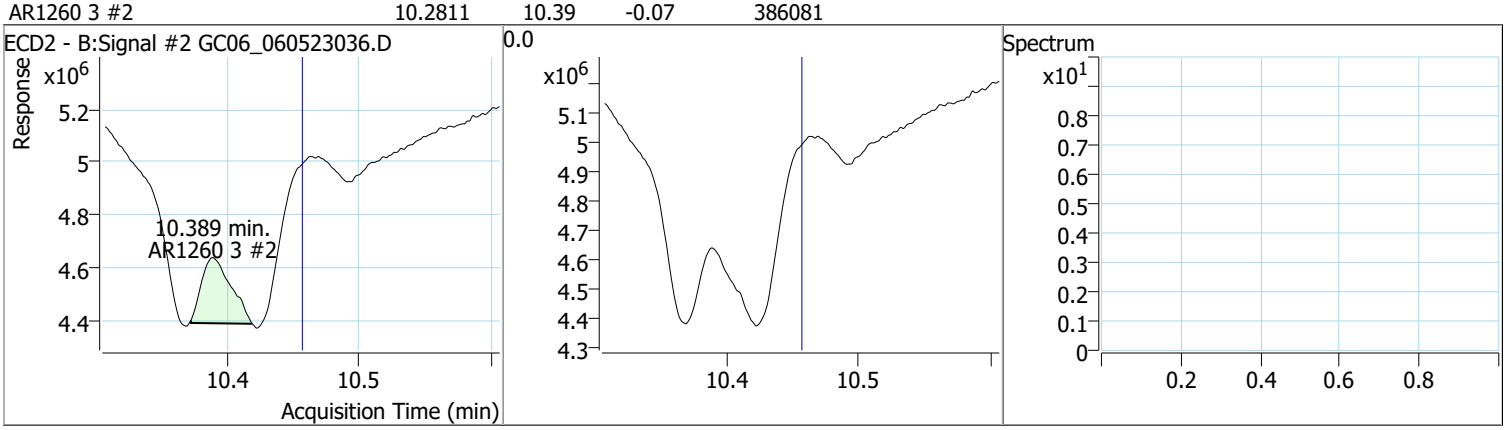
Compound	Conc.	Exp RT	QIon	Exp Ratio
AR1260 4	N.D.	9.92		



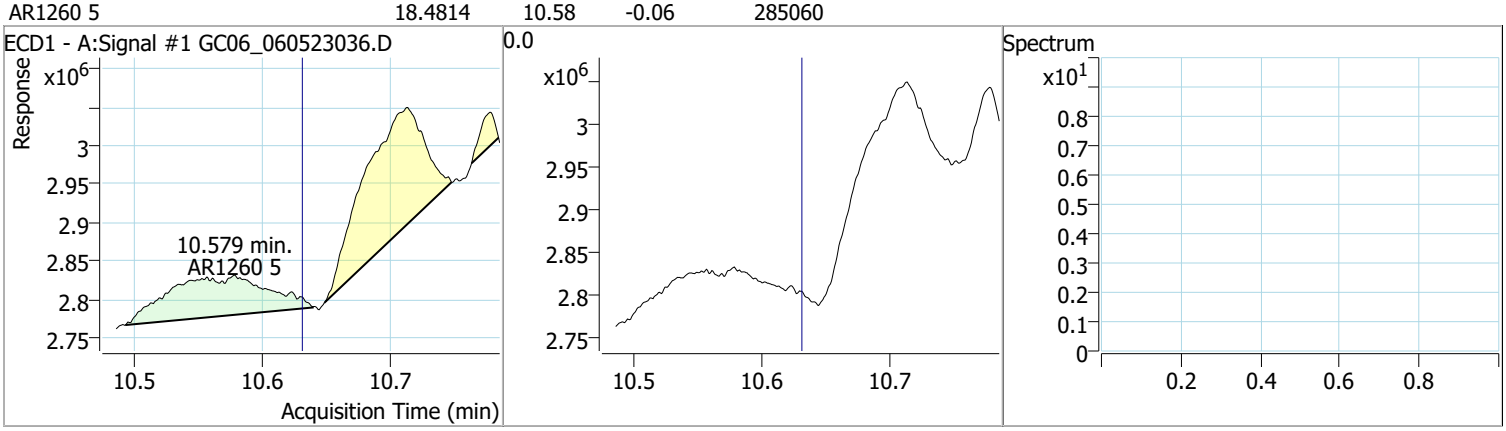
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	55.1635	9.95	-0.06	1618755				



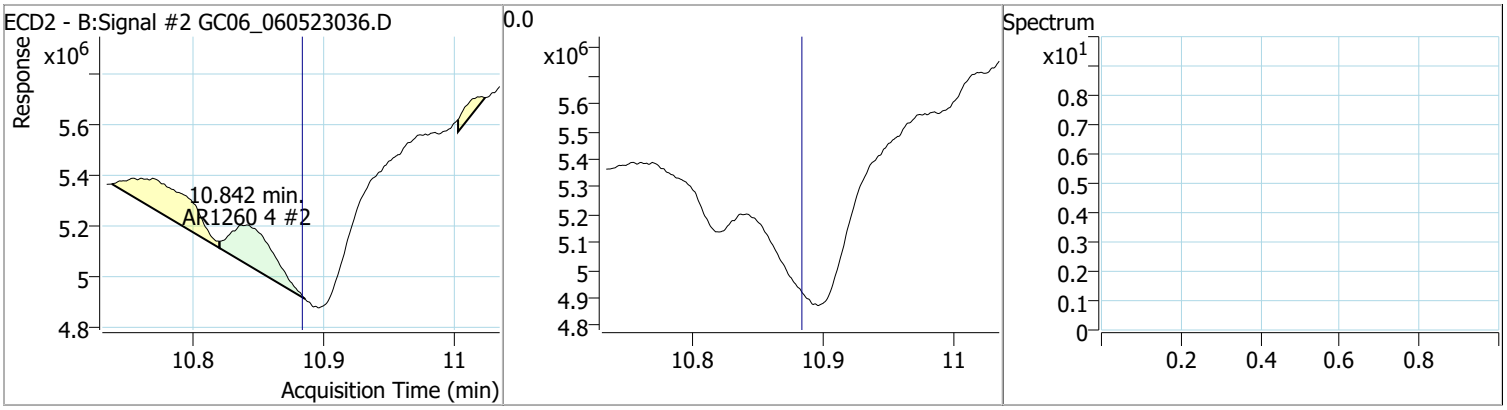
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3 #2	10.2811	10.39	-0.07	386081				



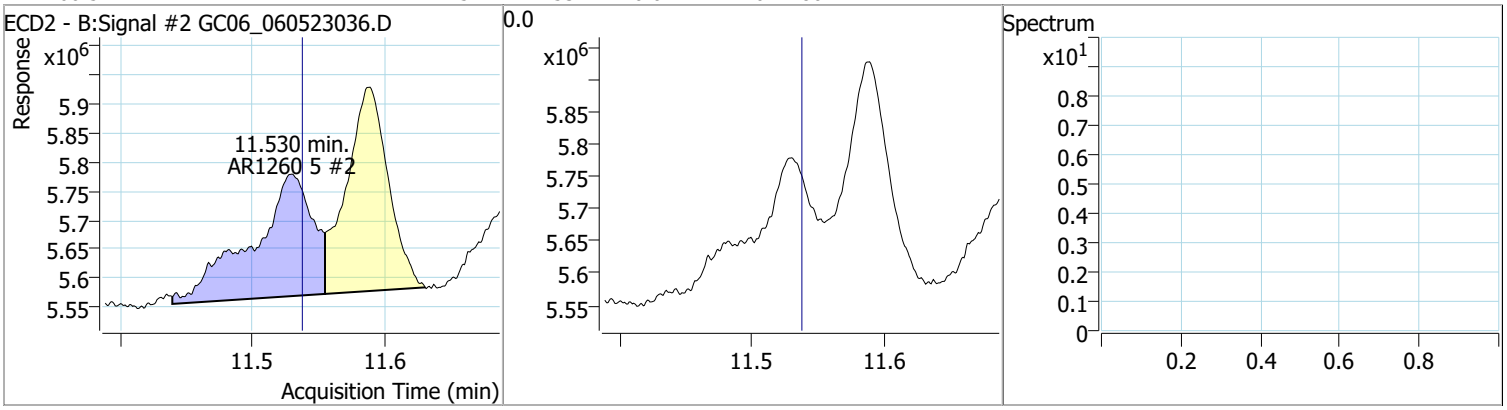
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	18.4814	10.58	-0.06	285060				



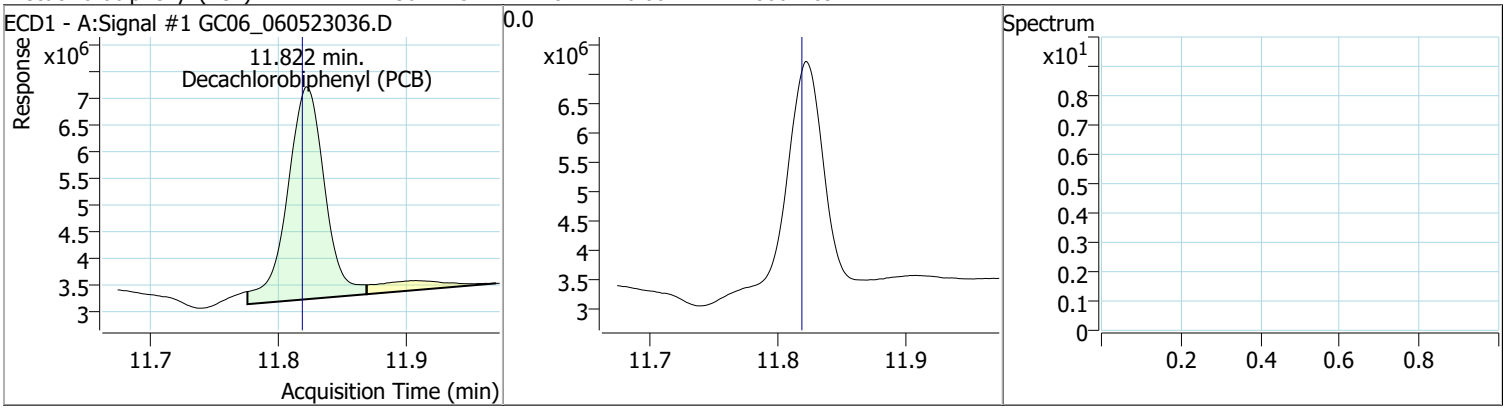
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	16.4483	10.84	-0.04	360778				



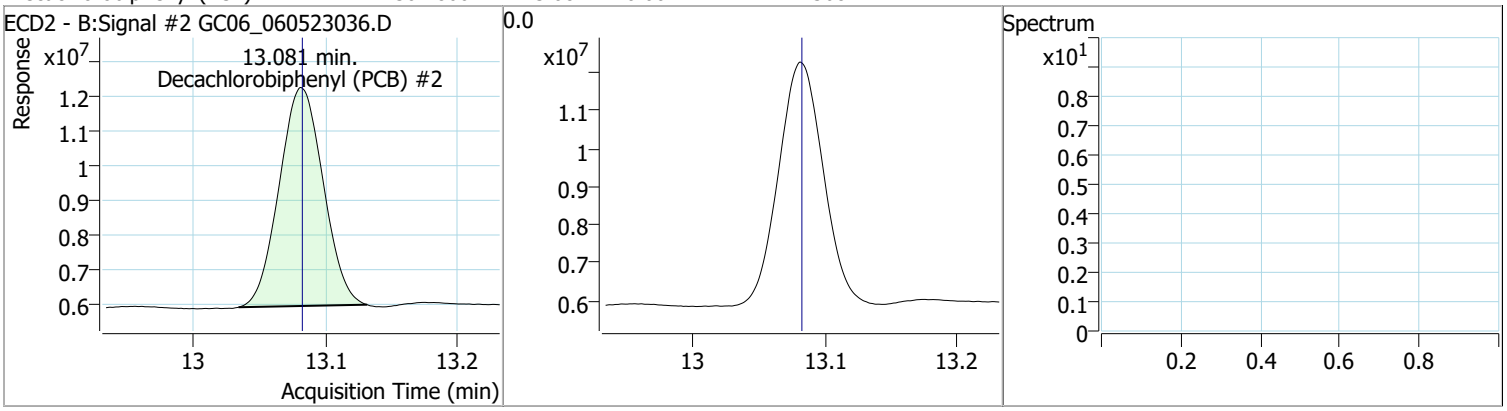
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	21.2245	11.53	-0.01	674780				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	36.4225	11.82	0.00	8067189				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	30.1860	13.08	0.00	14711368				



ENTHALPY SAMPLE USER REPORT FOR EPA 8082

Inst:	SVOA-GC06	Lab ID:	486134-019	Client ID:	AFRAME-C6E-MED-L3-UP-C6E-DG-230601-P-LA
Seqnum:	453225344037	Matrix:	Wipe	Acct:	RINCON-BERK (JG)
File:	gc06_060523037	Batch:	315386	Time:	05-JUN-2023 22:25
Cal:	453205686001	Caldate:	22-MAY-2023		
IDF:	1.0	Raw Units:	ug/L	Units:	ug/dm2

- 1.00 dm2 ⇨ 10.0 ml = 10.0 ml/dm2 PDF

Analyte	Ch	Raw	Result	Conf	RPD	RL	Blank	Flags
Aroclor-1016	B	48.33	ND	0.31	45%	0.50		u
Aroclor-1016 Peak # 1	B	55.40	0.55	0.09	142%			
Aroclor-1016 Peak # 2	B	81.60	0.82	0.13	146%			
Aroclor-1016 Peak # 3	B	83.24	0.83	0.57	37%			
Aroclor-1016 Peak # 4	B	12.34	0.12	0.68	139%			
Aroclor-1016 Peak # 5	B	9.087	0.09	0.06	35%			
Aroclor-1221	B		ND			0.50		u
Aroclor-1232	B		ND			0.50		u
Aroclor-1242	B		ND			0.50		u
Aroclor-1248	B		ND			0.50		u
Aroclor-1254	B		ND			0.50		u
Aroclor-1260	B	27.16	ND	0.66	83%	0.50		u
Aroclor-1260 Peak # 1	B	18.43	0.18	1.87	164%			
Aroclor-1260 Peak # 2	B	41.78	0.42	0.00	198%			
Aroclor-1260 Peak # 3	B	9.521	0.10	0.00	181%			
Aroclor-1260 Peak # 4	B	40.32	0.40	1.25	102%			
Aroclor-1260 Peak # 5	B	25.74	0.26	0.17	40%			
Aroclor-1262	B		ND			0.50		u
Aroclor-1268	B		ND			0.50		u

Surrogate	Ch	Raw	Spiked	Result	%Rec	Limits	Flags
TCMX (PCB)	B	25.18	0.5000	0.2518	50	19-121	c- u
Decachlorobiphenyl (PCB)	B	23.74	0.5000	0.2374	47	19-121	u

NO INTERNAL STANDARD REFERENCE RUN FOUND FOR
CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV(internal standard: 1BR2NITROBZ1268, 1BR2NITROBZ1262, 1BR2NITROBZ1232, 1BR2NITROBZ1242, 1BR2NITROBZ1221)

ISTD (CCV gc06_060523003)	Ch	CCV Abund	SAMPLE Abund	%Drift
1-bromo-2-nitrobenzene (PCB)	B	8992413	10073093	12.02
1-bromo-2-nitrobenzene (PCB)	A	3431466	3584602	4.46

ISTD (ICAL gc06_060523009)	Ch	ICAL Abund	SAMPLE Abund	%Drift
1-bromo-2-nitrobenzene (1254)	B	9894264	**???**	**-100.00 ***
1-bromo-2-nitrobenzene (1254)	A	3688197	**???**	**-100.00 ***

ISTD (ICAL gc06_060523010)	Ch	ICAL Abund	SAMPLE Abund	%Drift
1-bromo-2-nitrobenzene (1248)	A	3562631	**???**	**-100.00 ***
1-bromo-2-nitrobenzene (1248)	B	9640375	**???**	**-100.00 ***

NO INTERNAL STANDARD REFERENCE RUN FOUND FOR
CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV(internal standard: 1BR2NITROBZ1268, 1BR2NITROBZ1262, 1BR2NITROBZ1232, 1BR2NITROBZ1242, 1BR2NITROBZ1221)

ISTD (CCV gc06_060523003)	Ch	CCV RT	SAMPLE RT	Drift
1-bromo-2-nitrobenzene (PCB)	B	4.36	4.35	-0.01
1-bromo-2-nitrobenzene (PCB)	A	4.13	4.13	0.00

ISTD (ICAL gc06_060523009)	Ch	ICAL RT	SAMPLE RT	Drift
1-bromo-2-nitrobenzene (1254)	B	4.36	**???**	
1-bromo-2-nitrobenzene (1254)	A	4.13	**???**	

ISTD (ICAL gc06_060523010)	Ch	ICAL RT	SAMPLE RT	Drift
1-bromo-2-nitrobenzene (1248)	A	4.13	**???**	
1-bromo-2-nitrobenzene (1248)	B	4.36	**???**	

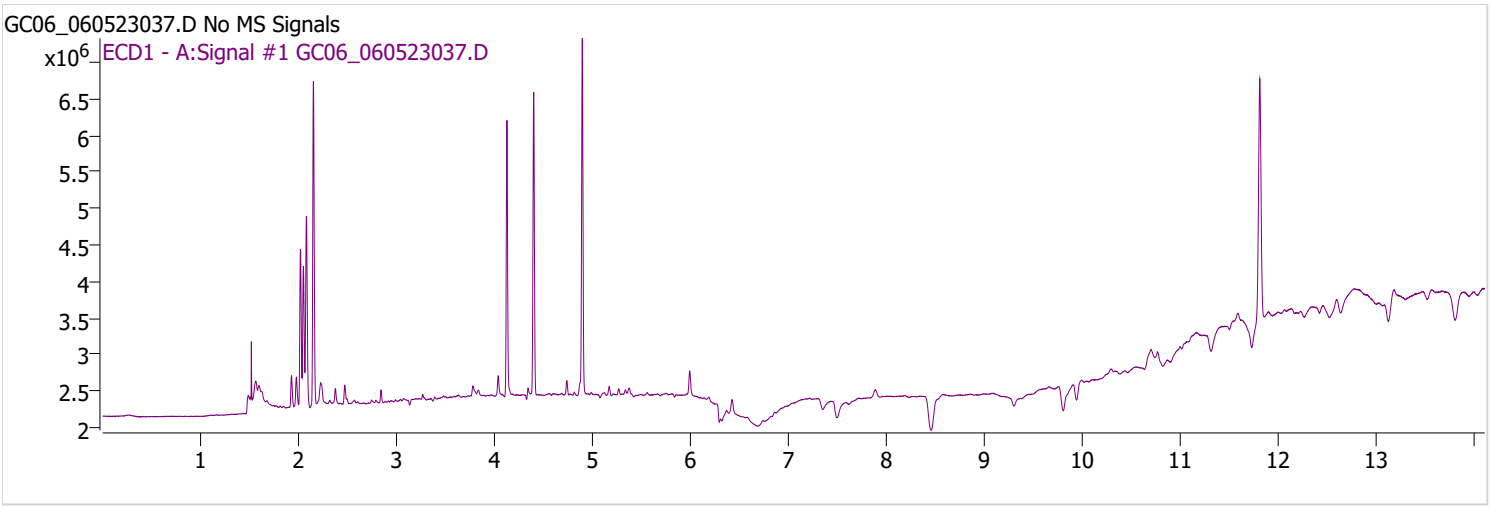
06/08/23 : WIPE/1DM^2-10ML

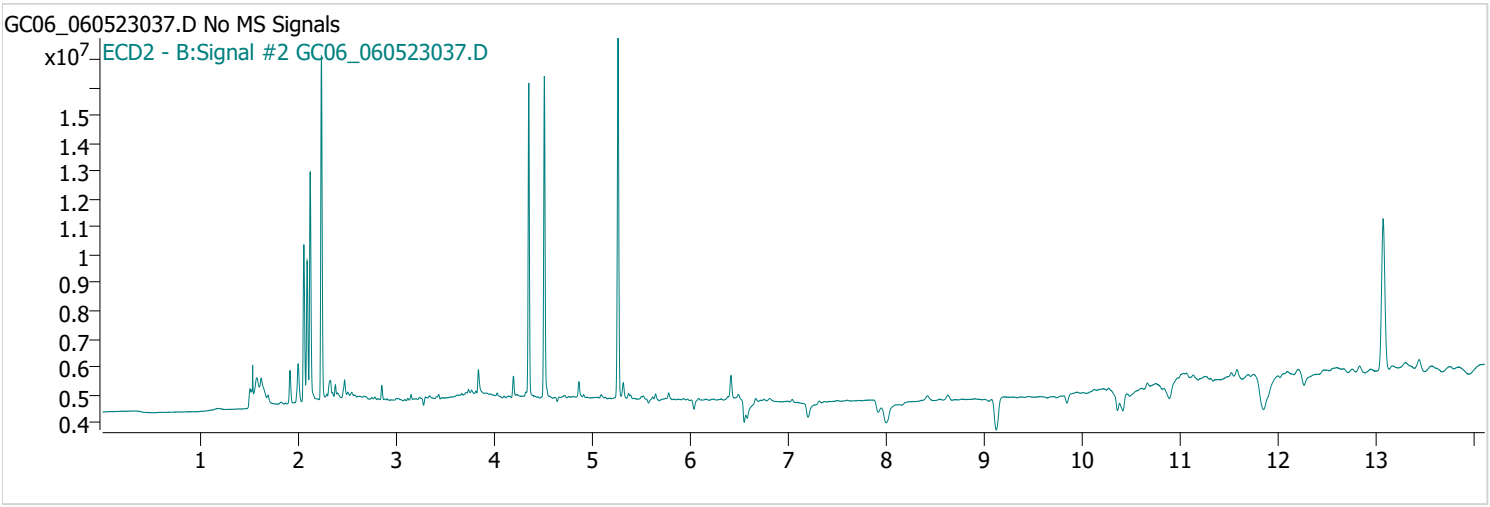
-=low bias c=CCV u=use

Analyst: MES 06/08/23 **Reviewer:** MTS 06/08/23

Quantitation Results Report (Not Reviewed)

Data File	GC06_060523037.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	6/5/2023 10:25:30 PM
Sample Name	486134-019, 315386, 1	Instrument	SVOA-GC06
Vial	24	Multiplier	1.00
DA Method File	PCB_608_052323_GC06_9.m	Comment	WIPE/1DM^2-10ML
Tune File	ATUNE.U	Tune Date	
Batch Name	060523PCB.batch.bin	Last Calib Update	5/23/2023 1:46:10 PM
Ref Library			



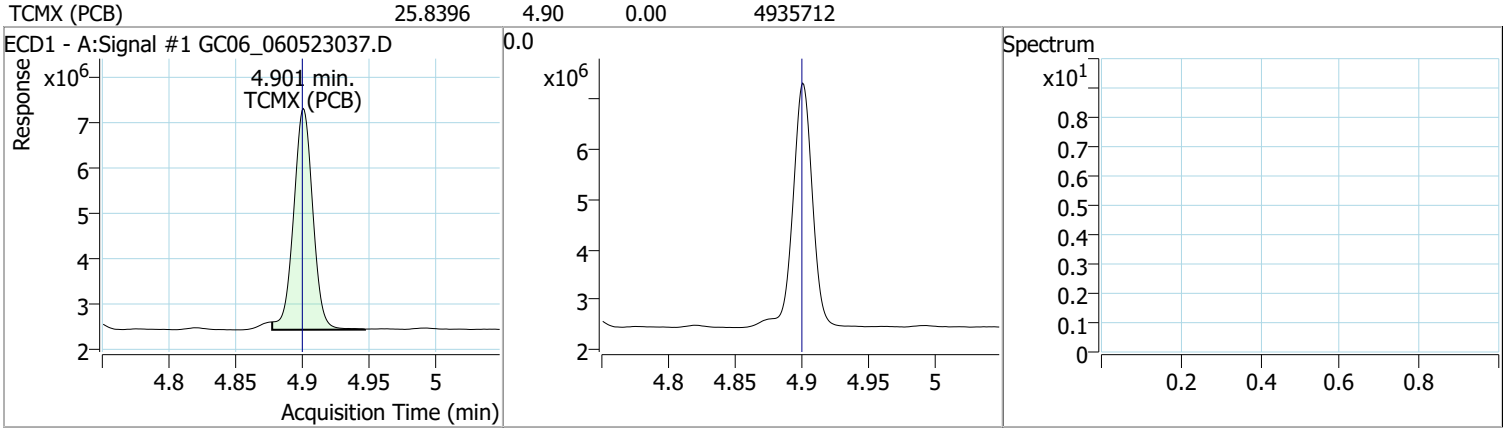


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M 1-bromo-2-nitrobenzene (PCB)	4.131	0.0	3584601.616	20.0000	ng/ml	-0.003
M 1-bromo-2-nitrobenzene (PCB) #2	4.354	0.0	10073093.401	20.0000	ng/ml	-0.001
System Monitoring Compounds						
S TCMX (PCB)	4.901	0.0	4935711.614	25.8396	ng/ml	-0.002
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 129.20%		
S TCMX (PCB) #2	5.267	0.0	13455056.043	25.1811	ng/ml	0.000
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 125.91%		
S Decachlorobiphenyl (PCB)	11.822	0.0	6936236.561	28.9980	ng/ml	-0.004
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 144.99%		
S Decachlorobiphenyl (PCB) #2	13.082	0.0	12628818.151	23.7407	ng/ml	-0.002
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 118.70%		
Target Compounds						QValue

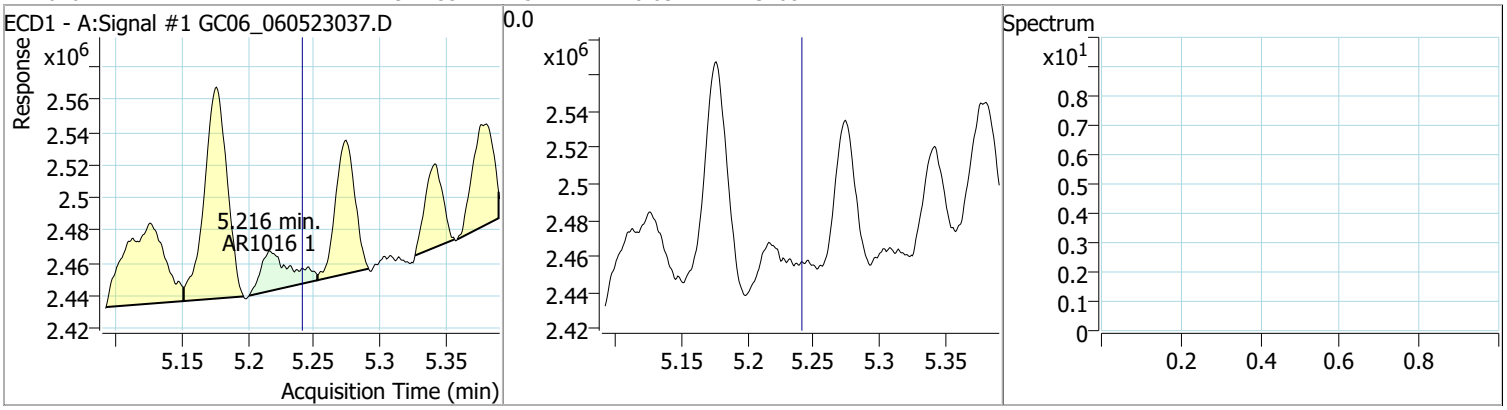
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T AR1016 1	5.216	0.0	37684.340	9.4255	ng/ml	100
T AR1016 2	5.563	0.0	103093.235	12.7010	ng/ml	100
T AR1016 1 #2	5.784	0.0	581238.682	55.3980	ng/ml	100
T AR1016 3	5.998	0.0	592726.904	57.1319	ng/ml	100
T AR1016 2 #2	6.091	0.0	1923243.515	81.6013	ng/ml	100
T AR1016 4	6.061	0.0	425314.689	68.0154	ng/ml	100
T AR1016 5	6.314	0.0	30502.947	6.3781	ng/ml	100
T AR1016 3 #2	6.673	0.0	2360786.349	83.2432	ng/ml	100
T AR1016 4 #2	6.818	0.0	251964.369	12.3439	ng/ml	100
T AR1016 5 #2	7.003	0.0	98937.381	9.0868	ng/ml	100
T AR1260 1	8.362	0.0	2217236.581	187.0464	ng/ml	100
T AR1260 2	8.923	0.0	3664.389	0.2025	ng/ml	100
T AR1260 3	9.257	0.0	9005.160	0.4657	ng/ml	100
T AR1260 1 #2	9.724	0.0	523687.980	18.4345	ng/ml	100
T AR1260 4	9.913	0.0	1317221.594	125.0358	ng/ml	100
T AR1260 2 #2	9.959	0.0	1338177.581	41.7794	ng/ml	100
T AR1260 3 #2	10.388	0.0	390236.817	9.5207	ng/ml	100
T AR1260 5	10.560	0.0	285520.682	17.1408	ng/ml	100
T AR1260 4 #2	10.760	0.0	965269.441	40.3186	ng/ml	100
T AR1260 5 #2	11.532	0.0	893058.310	25.7355	ng/ml	100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

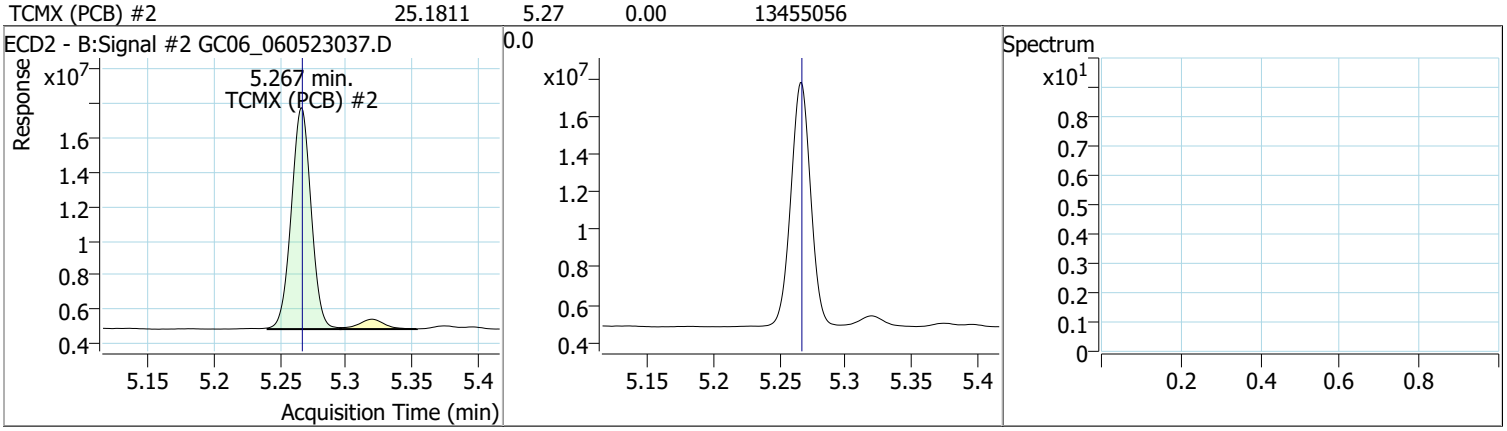
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	25.8396	4.90	0.00	4935712				



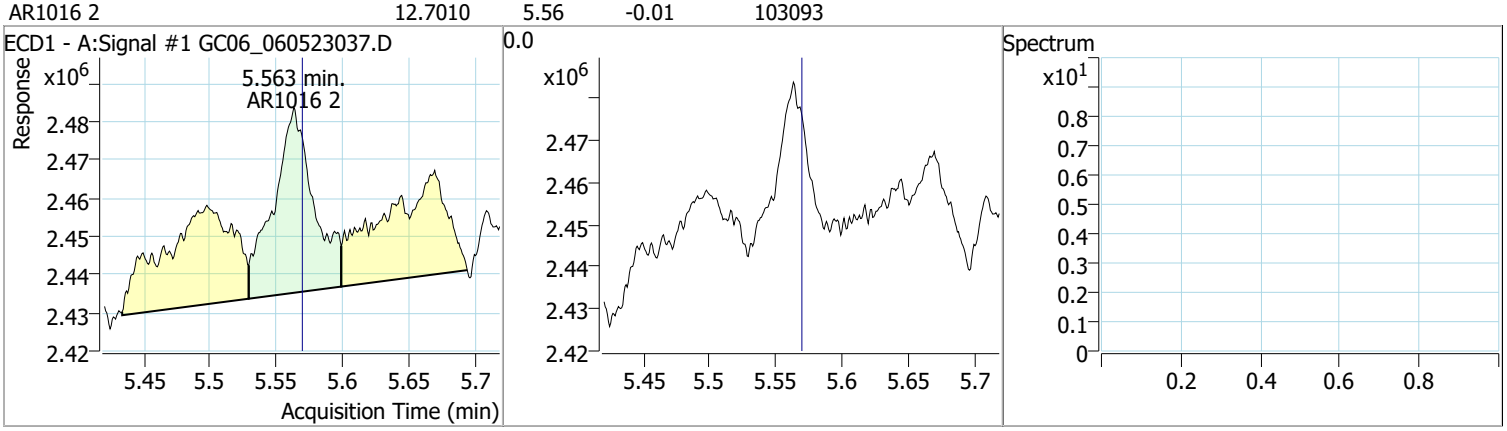
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	9.4255	5.22	-0.03	37684				



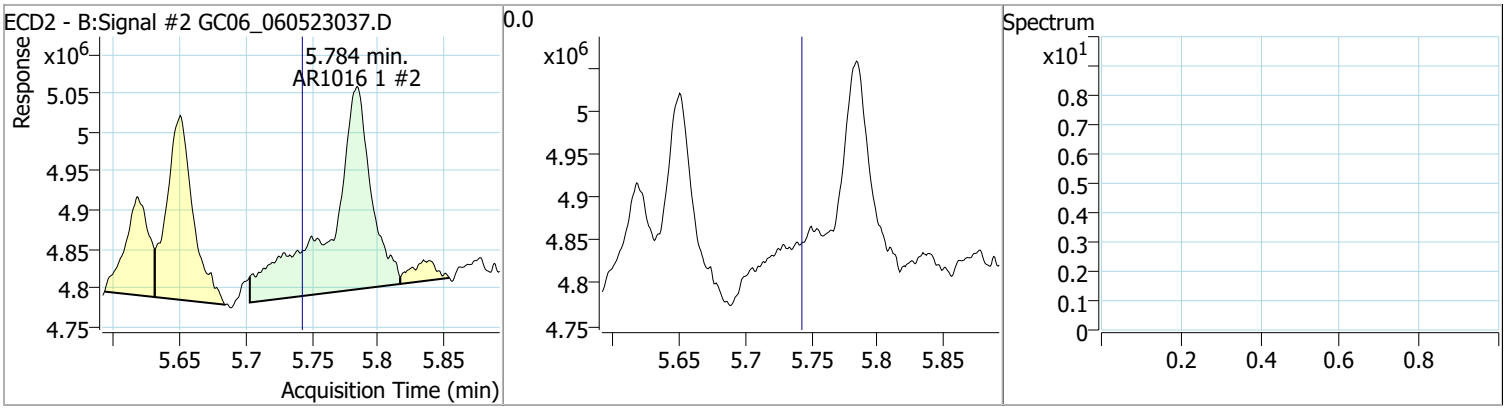
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB) #2	25.1811	5.27	0.00	13455056				



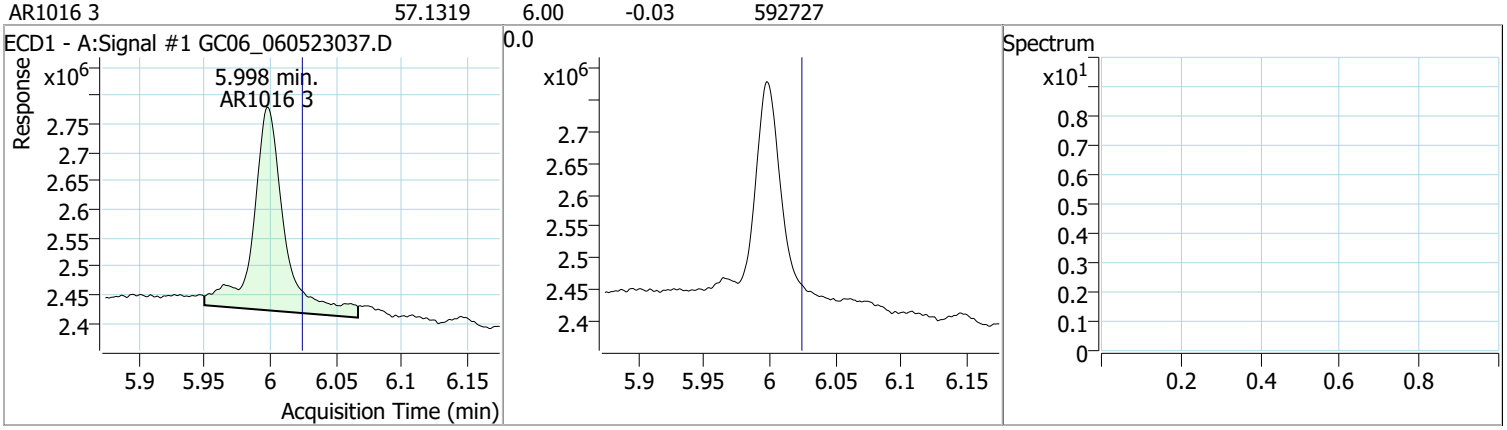
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	12.7010	5.56	-0.01	103093				



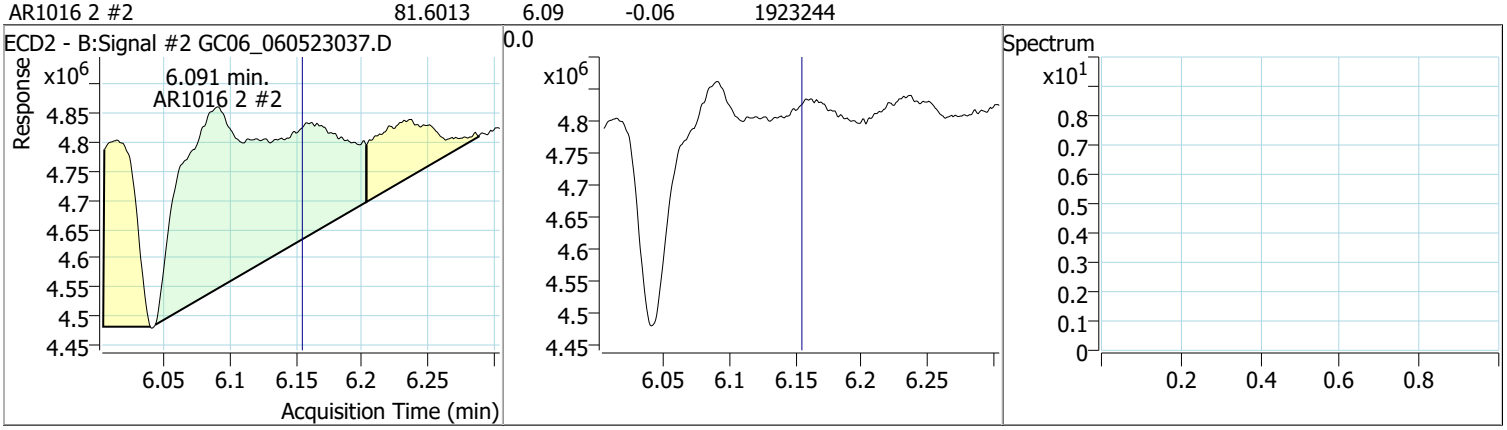
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1 #2	55.3980	5.78	0.04	581239				



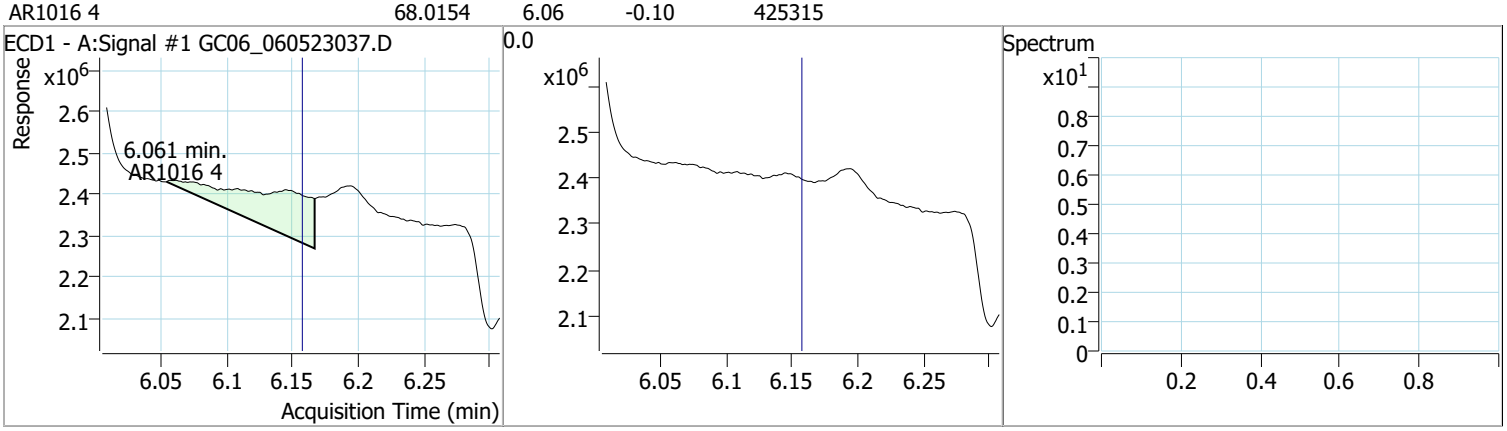
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	57.1319	6.00	-0.03	592727				



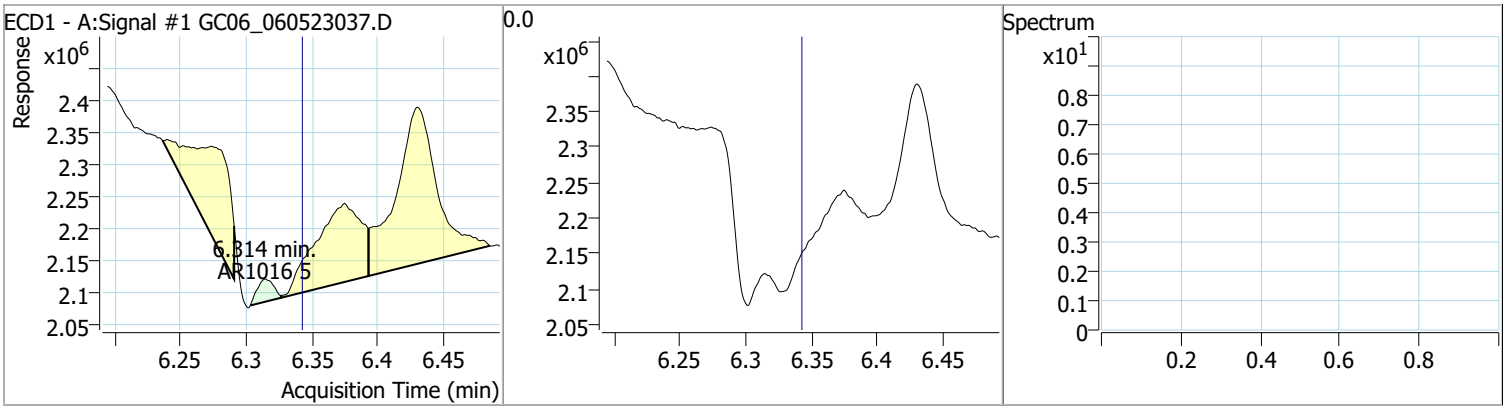
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	81.6013	6.09	-0.06	1923244				



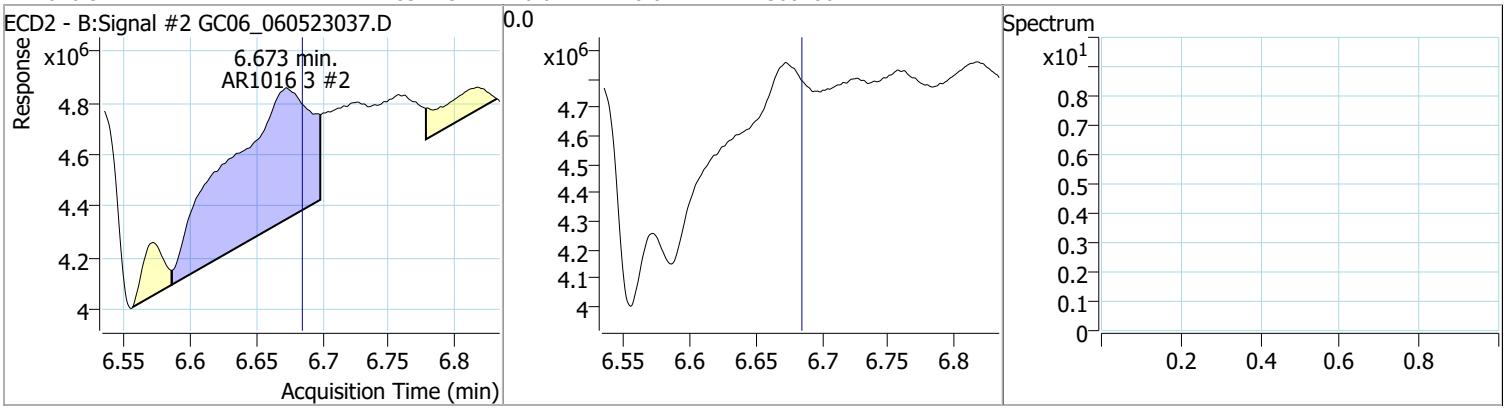
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4	68.0154	6.06	-0.10	425315				



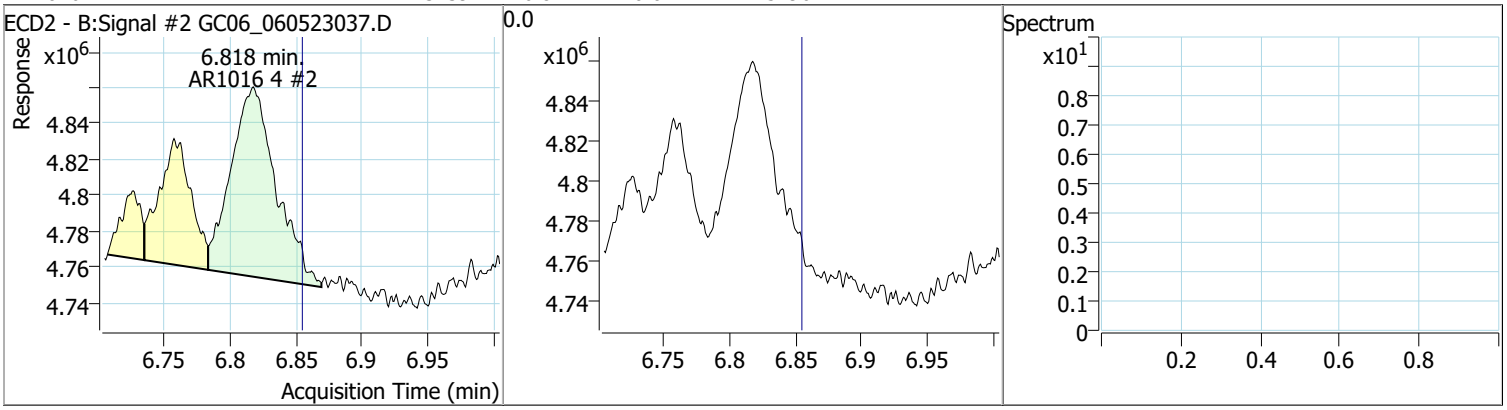
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	6.3781	6.31	-0.03	30503				



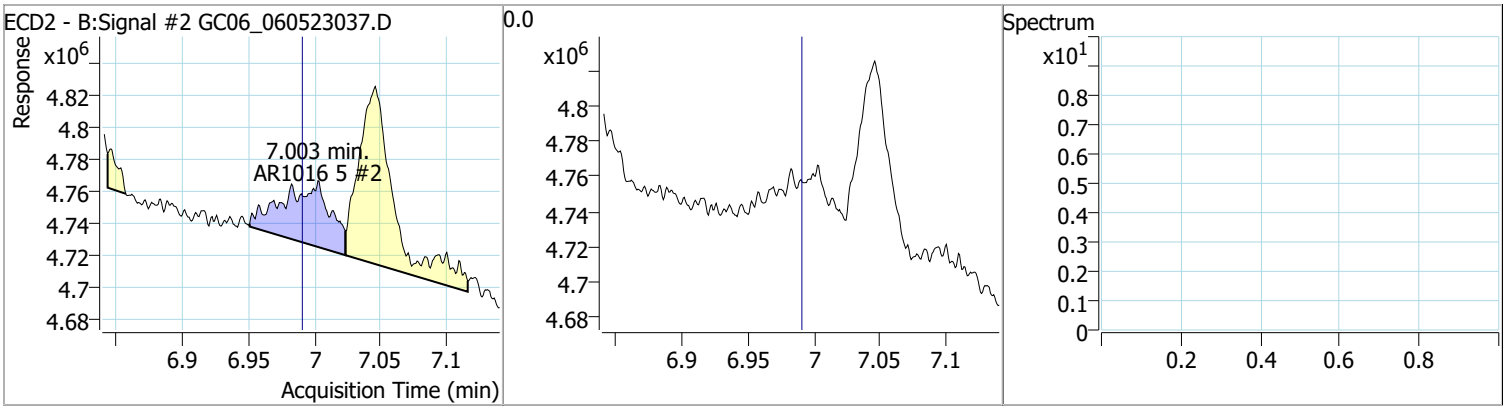
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	83.2432	6.67	-0.01	2360786				



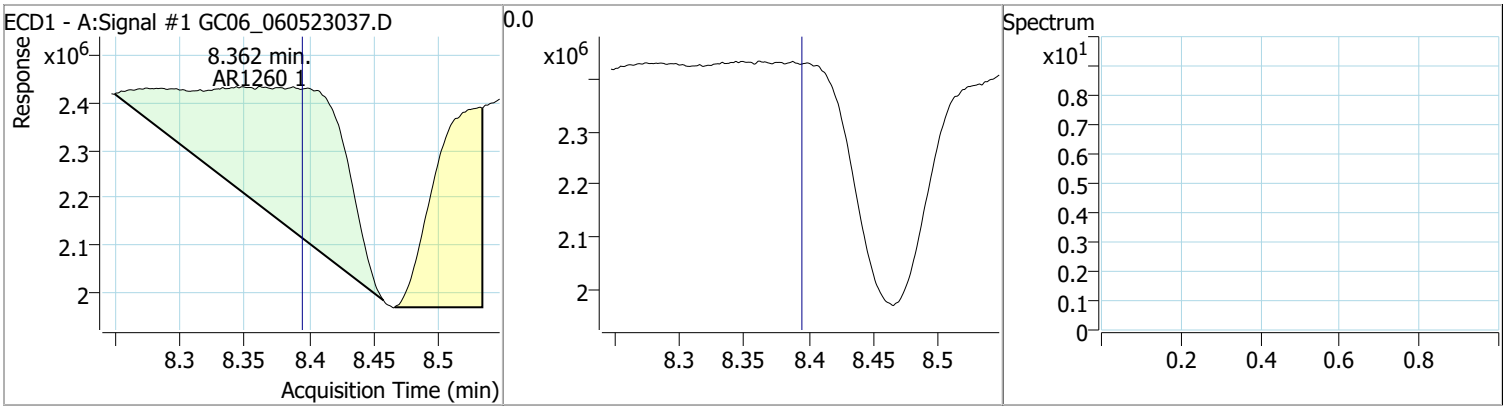
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4 #2	12.3439	6.82	-0.04	251964				



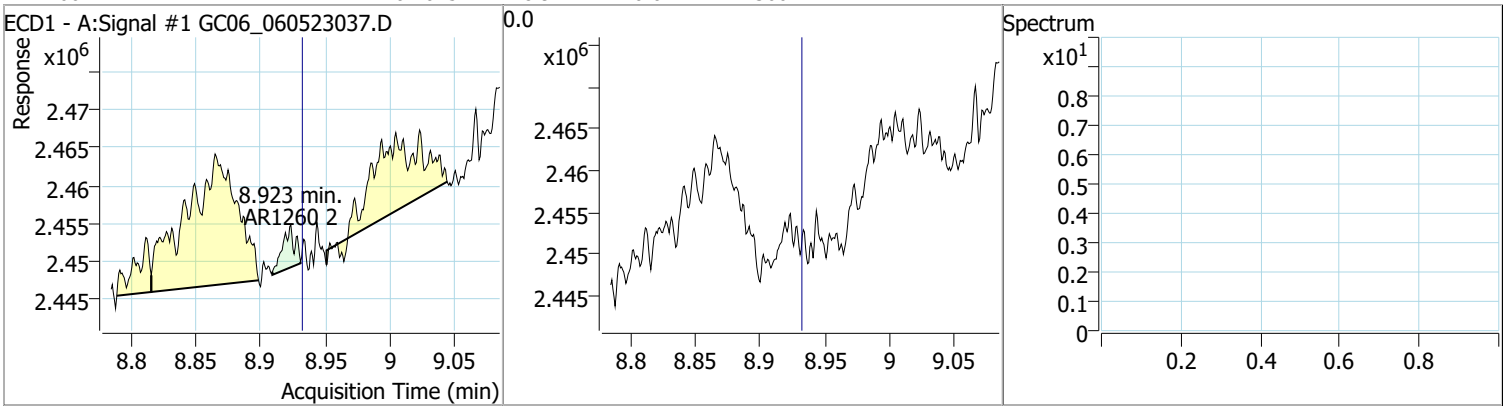
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	9.0868	7.00	0.01	98937				



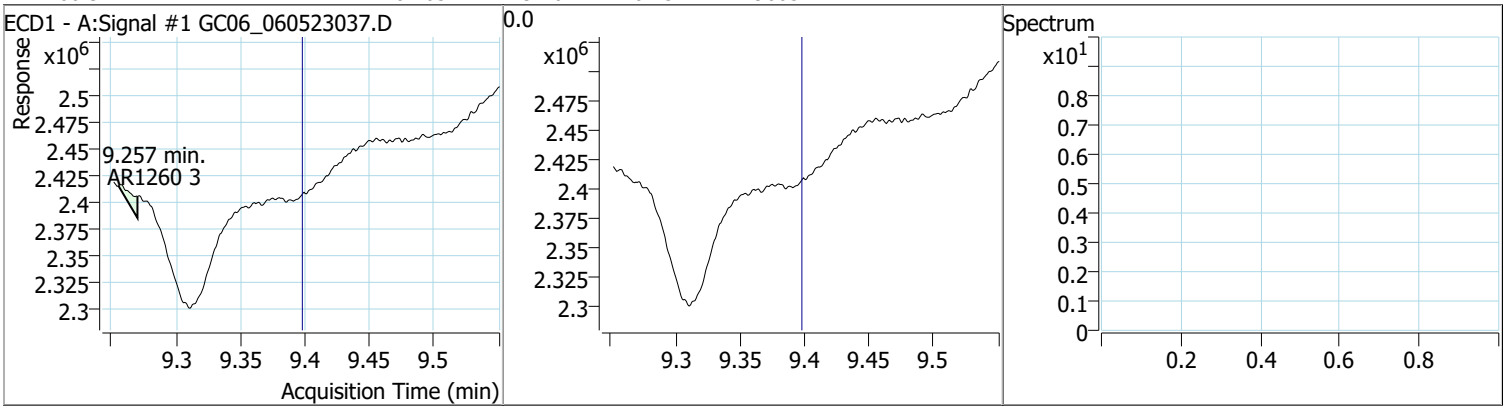
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	187.0464	8.36	-0.04	2217237				



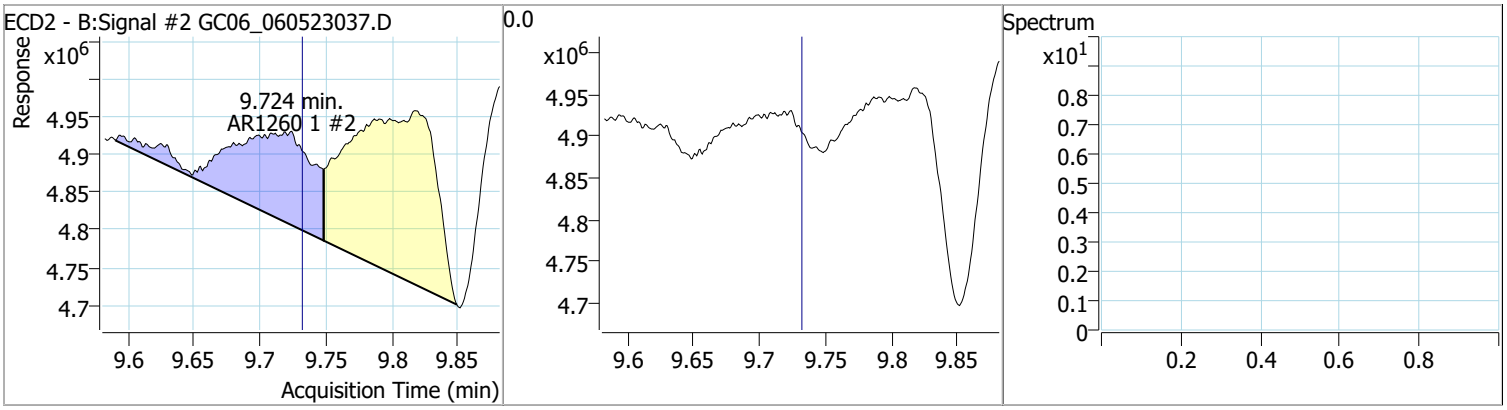
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	0.2025	8.92	-0.01	3664				



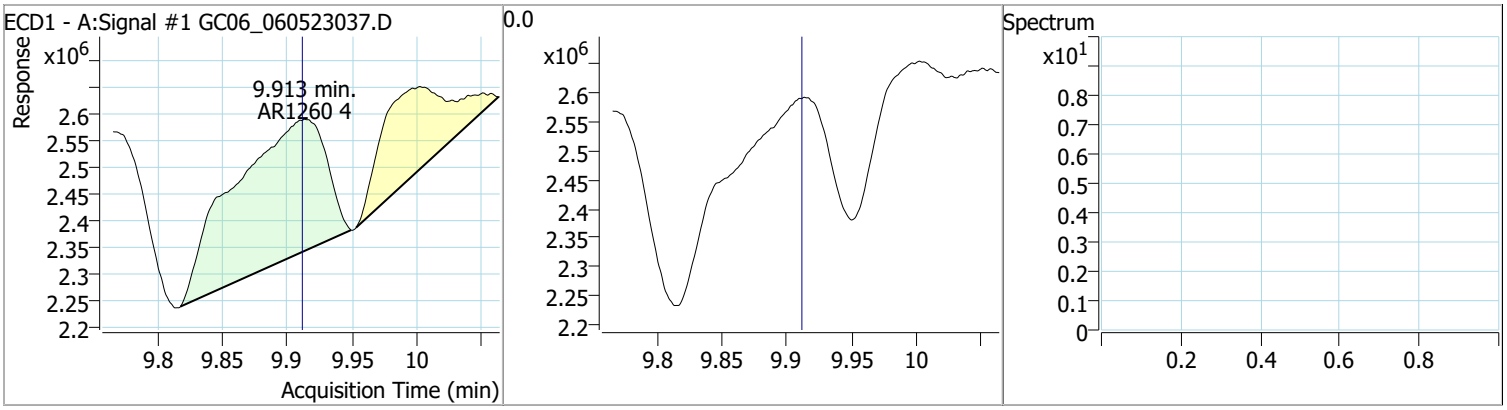
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3	0.4657	9.26	-0.15	9005				



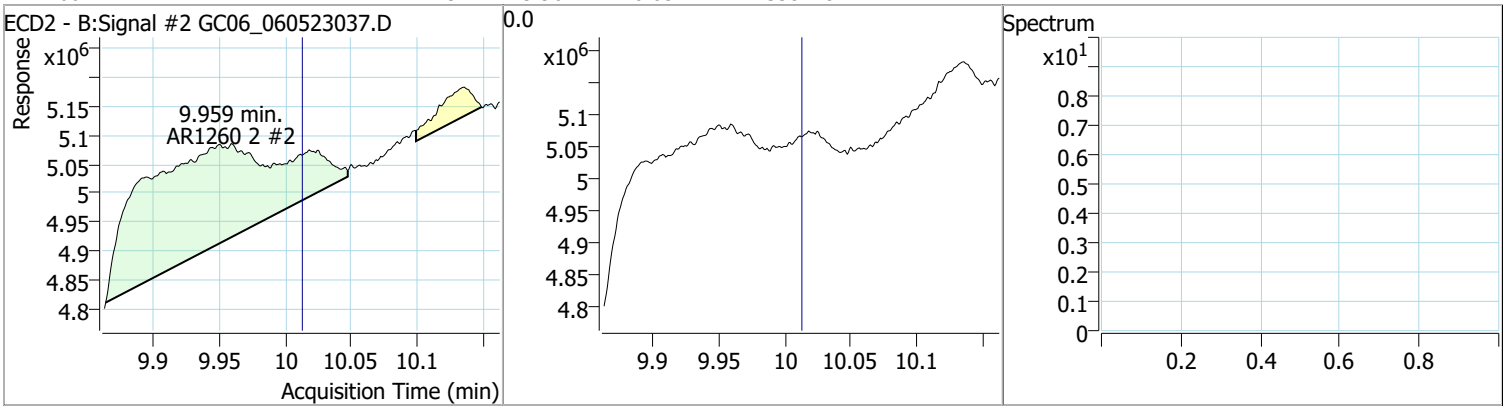
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1 #2	18.4345	9.72	-0.01	523688				



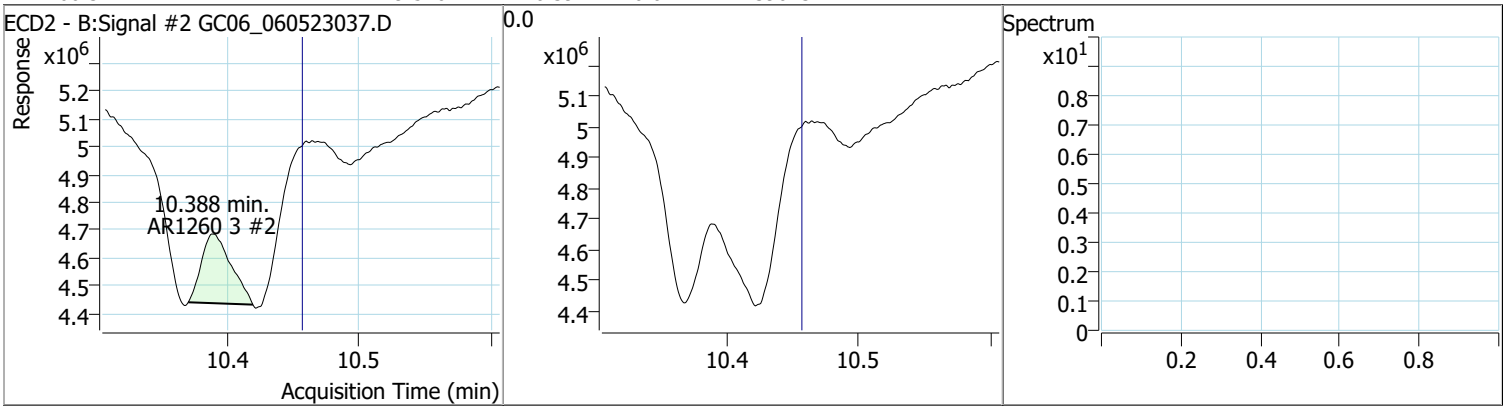
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4	125.0358	9.91	0.00	1317222				



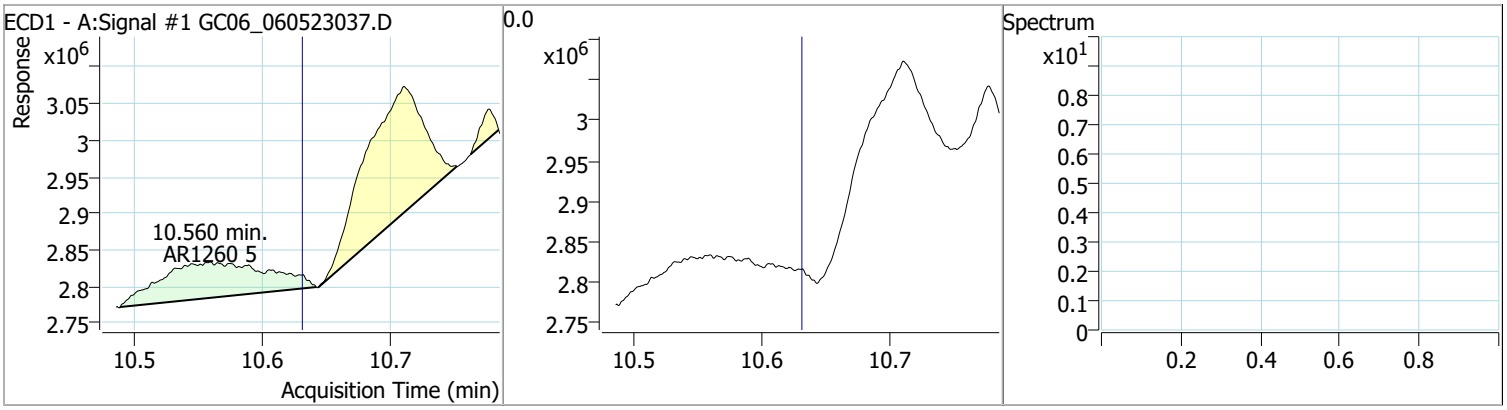
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	41.7794	9.96	-0.05	1338178				



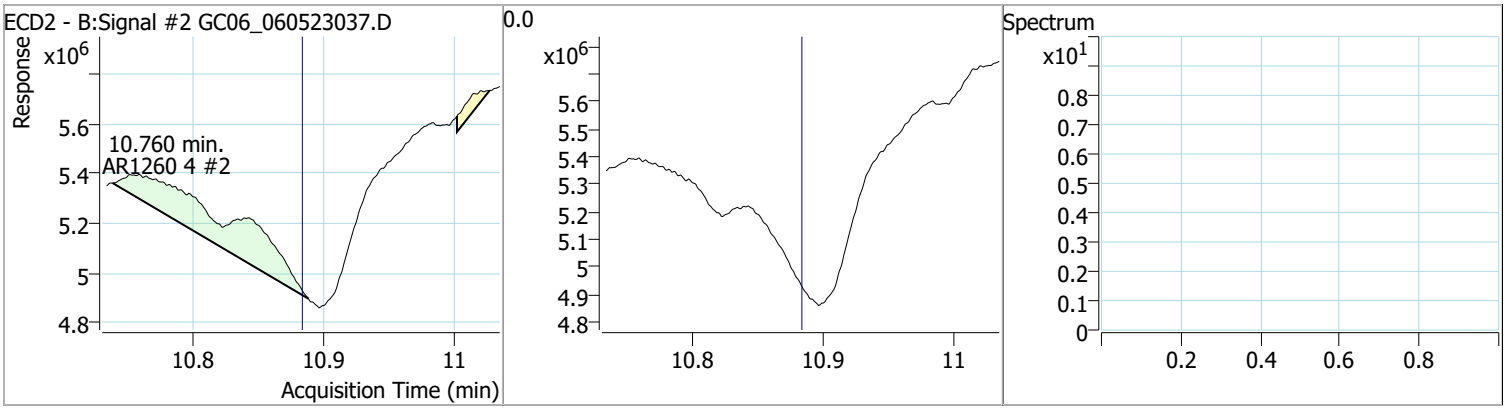
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3 #2	9.5207	10.39	-0.07	390237				



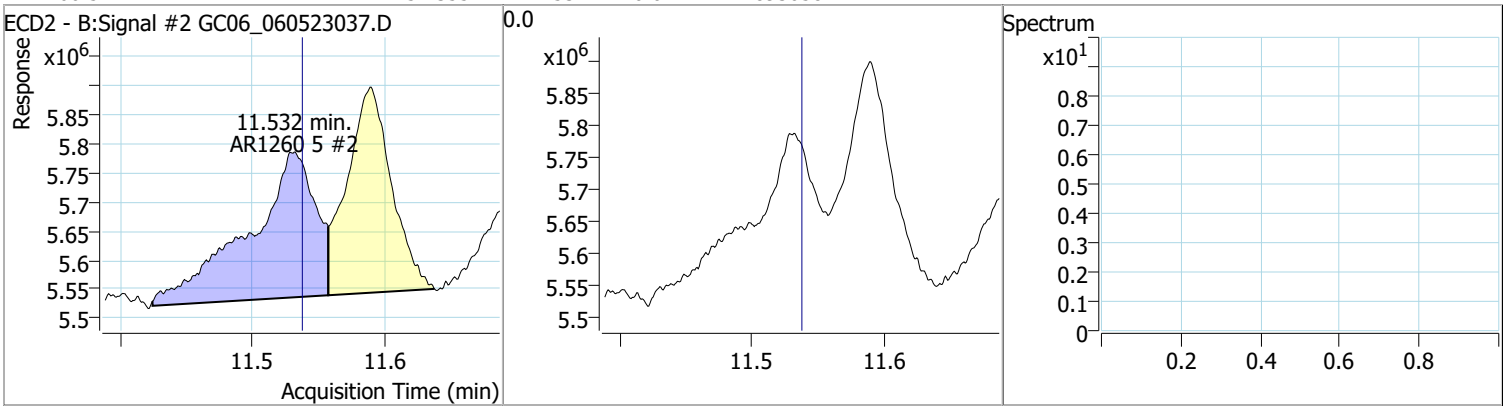
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	17.1408	10.56	-0.08	285521				



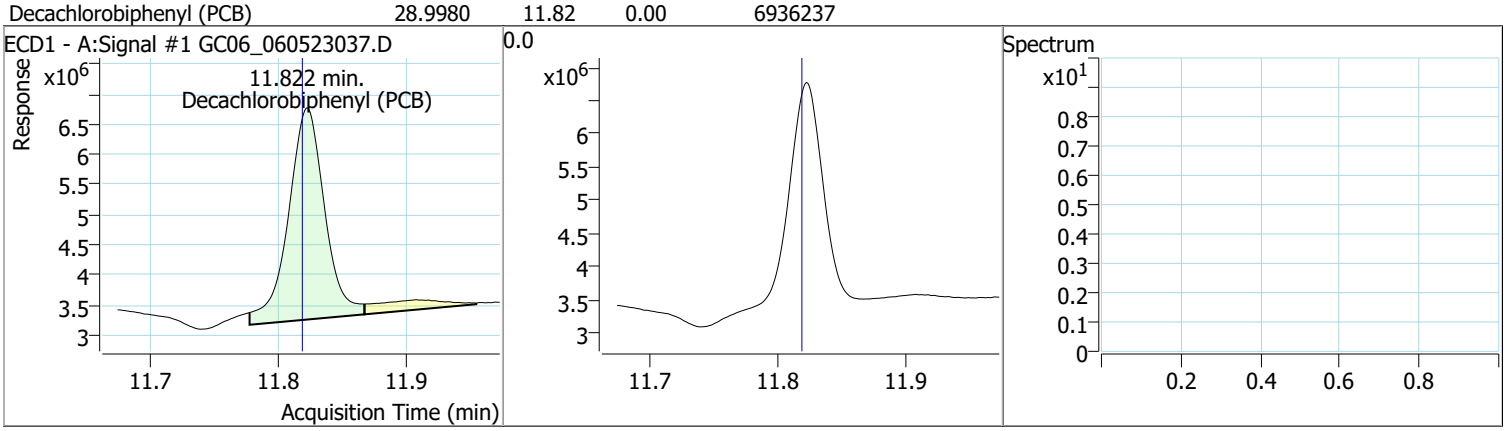
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	40.3186	10.76	-0.13	965269				



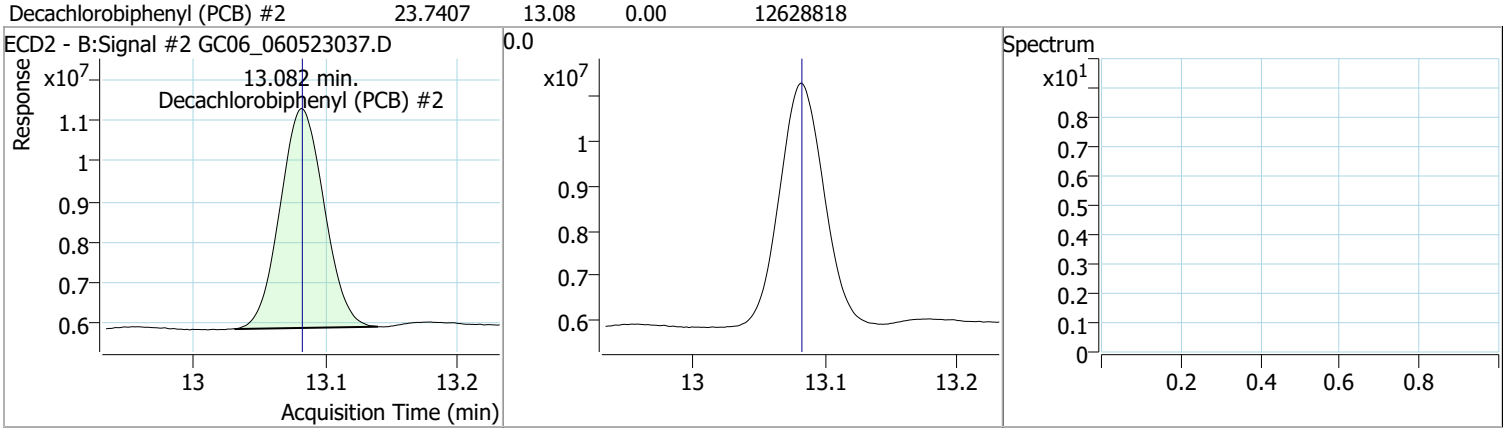
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	25.7355	11.53	-0.01	893058				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	28.9980	11.82	0.00	6936237				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	23.7407	13.08	0.00	12628818				



ENTHALPY SAMPLE USER REPORT FOR EPA 8082

Inst:	SVOA-GC06	Lab ID:	486134-021	Client ID:	AFRAME-C7E-MED-L3-UP-C7E-DG-230601-P-LA
Seqnum:	453225344038	Matrix:	Wipe	Acct:	RINCON-BERK (JG)
File:	gc06_060523038	Batch:	315386	Time:	05-JUN-2023 22:43
Cal:	453205686001	Caldate:	22-MAY-2023		
IDF:	1.0	Raw Units:	ug/L	Units:	ug/dm2

- 1.00 dm2 ⇨ 10.0 ml = 10.0 ml/dm2 PDF

Analyte	Ch	Raw	Result	Conf	RPD	RL	Blank	Flags
Aroclor-1016	B	21.99	ND	0.27	21%	0.50		u
Aroclor-1016 Peak # 1	B	60.75	0.61	0.68	11%			
Aroclor-1016 Peak # 2	B	16.22	0.16	0.10	48%			
Aroclor-1016 Peak # 3	B	9.306	0.09	0.50	137%			
Aroclor-1016 Peak # 4	B	12.62	0.13	ND				
Aroclor-1016 Peak # 5	B	11.07	0.11	0.08	33%			
Aroclor-1221	B		ND			0.50		u
Aroclor-1232	B		ND			0.50		u
Aroclor-1242	B		ND			0.50		u
Aroclor-1248	B		ND			0.50		u
Aroclor-1254	B		ND			0.50		u
Aroclor-1260	B	23.24	ND	0.61	90%	0.50		u
Aroclor-1260 Peak # 1	B	17.34	0.17	1.98	168%			
Aroclor-1260 Peak # 2	B	46.47	0.46	0.01	191%			
Aroclor-1260 Peak # 3	B	8.201	0.08	0.00	187%			
Aroclor-1260 Peak # 4	B	19.35	0.19	0.93	131%			
Aroclor-1260 Peak # 5	B	24.83	0.25	0.14	54%			
Aroclor-1262	B		ND			0.50		u
Aroclor-1268	B		ND			0.50		u

Surrogate	Ch	Raw	Spiked	Result	%Rec	Limits	Flags
TCMX (PCB)	B	26.69	0.5000	0.2669	53	19-121	c- u
Decachlorobiphenyl (PCB)	B	24.94	0.5000	0.2494	50	19-121	u

NO INTERNAL STANDARD REFERENCE RUN FOUND FOR CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV(internal standard: 1BR2NITROBZ1268, 1BR2NITROBZ1262, 1BR2NITROBZ1232, 1BR2NITROBZ1242, 1BR2NITROBZ1221)

ISTD (CCV gc06_060523003)	Ch	CCV Abund	SAMPLE Abund	%Drift
1-bromo-2-nitrobenzene (PCB)	B	8992413	10021211	11.44
1-bromo-2-nitrobenzene (PCB)	A	3431466	3579902	4.33

ISTD (ICAL gc06_060523009)	Ch	ICAL Abund	SAMPLE Abund	%Drift
1-bromo-2-nitrobenzene (1254)	B	9894264	**???**	**-100.00 ***
1-bromo-2-nitrobenzene (1254)	A	3688197	**???**	**-100.00 ***

ISTD (ICAL gc06_060523010)	Ch	ICAL Abund	SAMPLE Abund	%Drift
1-bromo-2-nitrobenzene (1248)	A	3562631	**???**	**-100.00 ***
1-bromo-2-nitrobenzene (1248)	B	9640375	**???**	**-100.00 ***

NO INTERNAL STANDARD REFERENCE RUN FOUND FOR CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV(internal standard: 1BR2NITROBZ1268, 1BR2NITROBZ1262, 1BR2NITROBZ1232, 1BR2NITROBZ1242, 1BR2NITROBZ1221)

ISTD (CCV gc06_060523003)	Ch	CCV RT	SAMPLE RT	Drift
1-bromo-2-nitrobenzene (PCB)	B	4.36	4.35	-0.01
1-bromo-2-nitrobenzene (PCB)	A	4.13	4.13	0.00

ISTD (ICAL gc06_060523009)	Ch	ICAL RT	SAMPLE RT	Drift
1-bromo-2-nitrobenzene (1254)	B	4.36	**???**	
1-bromo-2-nitrobenzene (1254)	A	4.13	**???**	

ISTD (ICAL gc06_060523010)	Ch	ICAL RT	SAMPLE RT	Drift
1-bromo-2-nitrobenzene (1248)	A	4.13	**???**	
1-bromo-2-nitrobenzene (1248)	B	4.36	**???**	

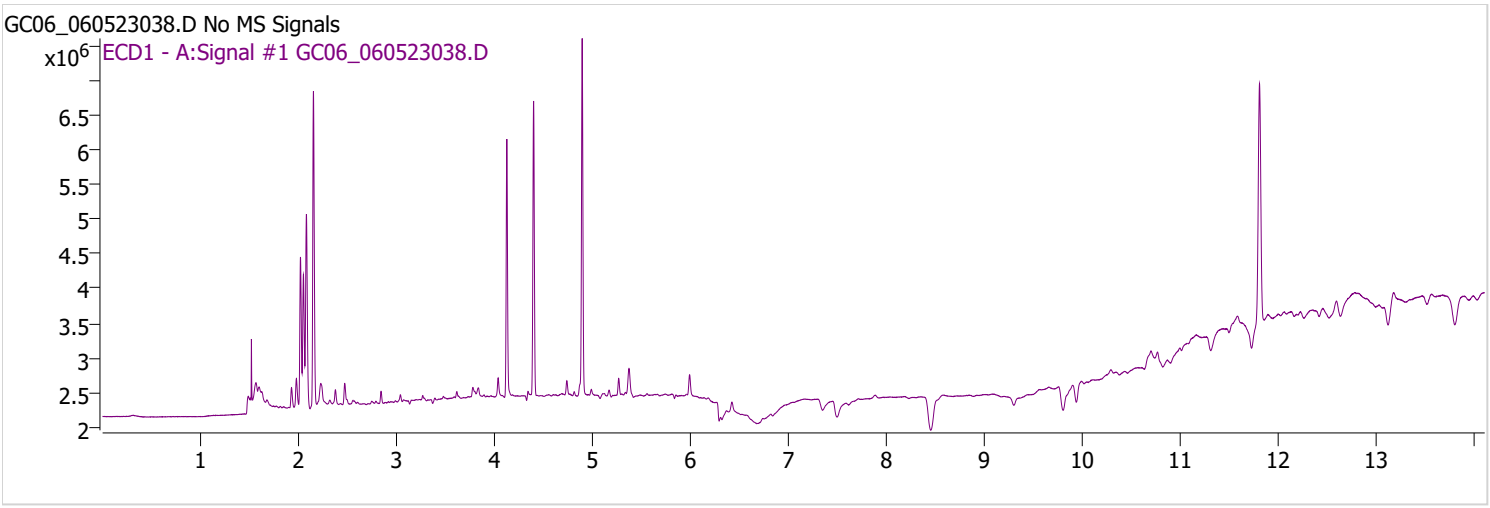
06/08/23 : WIPE/1DM^2-10ML

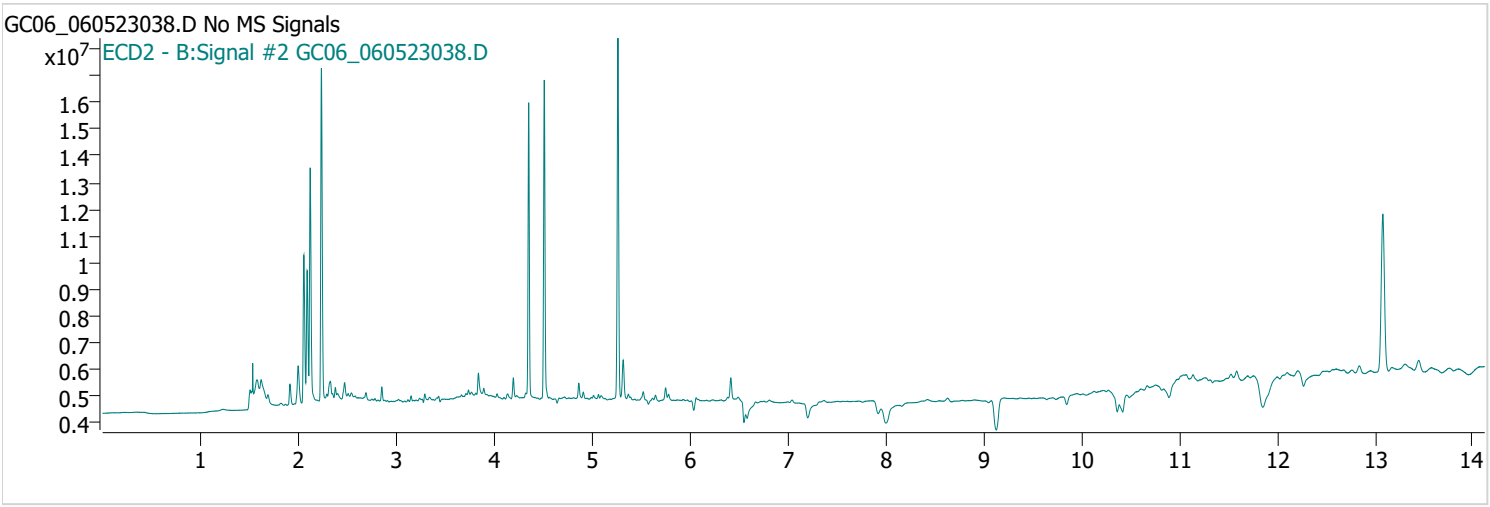
-=low bias c=CCV u=use

Analyst: MES 06/08/23 **Reviewer:** MTS 06/08/23

Quantitation Results Report (Not Reviewed)

Data File	GC06_060523038.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	6/5/2023 10:43:43 PM
Sample Name	486134-021, 315386, 1	Instrument	SVOA-GC06
Vial	25	Multiplier	1.00
DA Method File	PCB_608_052323_GC06_9.m	Comment	WIPE/1DM^2-10ML
Tune File	ATUNE.U	Tune Date	
Batch Name	060523PCB.batch.bin	Last Calib Update	5/23/2023 1:46:10 PM
Ref Library			



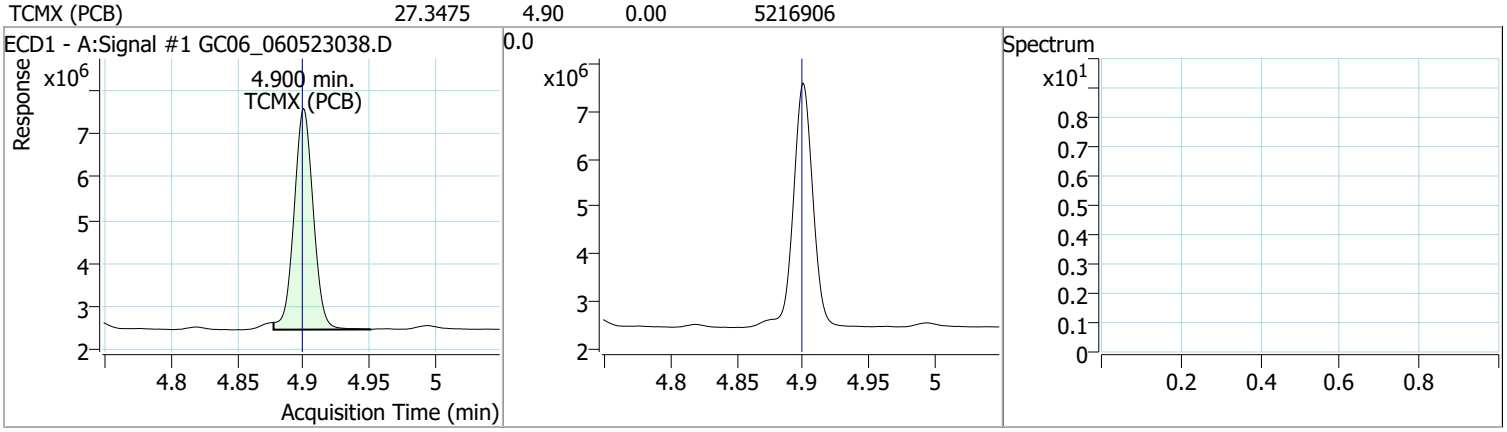


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1-bromo-2-nitrobenzene (PCB)	4.130	0.0	3579902.262	20.0000	ng/ml		-0.004
M 1-bromo-2-nitrobenzene (PCB) #2	4.354	0.0	10021210.506	20.0000	ng/ml		-0.001
System Monitoring Compounds							
S TCMX (PCB)	4.900	0.0	5216905.731	27.3475	ng/ml		-0.003
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 136.74%			
S TCMX (PCB) #2	5.266	0.0	14188816.219	26.6919	ng/ml		-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 133.46%			
S Decachlorobiphenyl (PCB)	11.821	0.0	7309318.376	30.5978	ng/ml		-0.005
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 152.99%		*	
S Decachlorobiphenyl (PCB) #2	13.083	0.0	13199702.425	24.9423	ng/ml		-0.002
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 124.71%			
Target Compounds							QValue

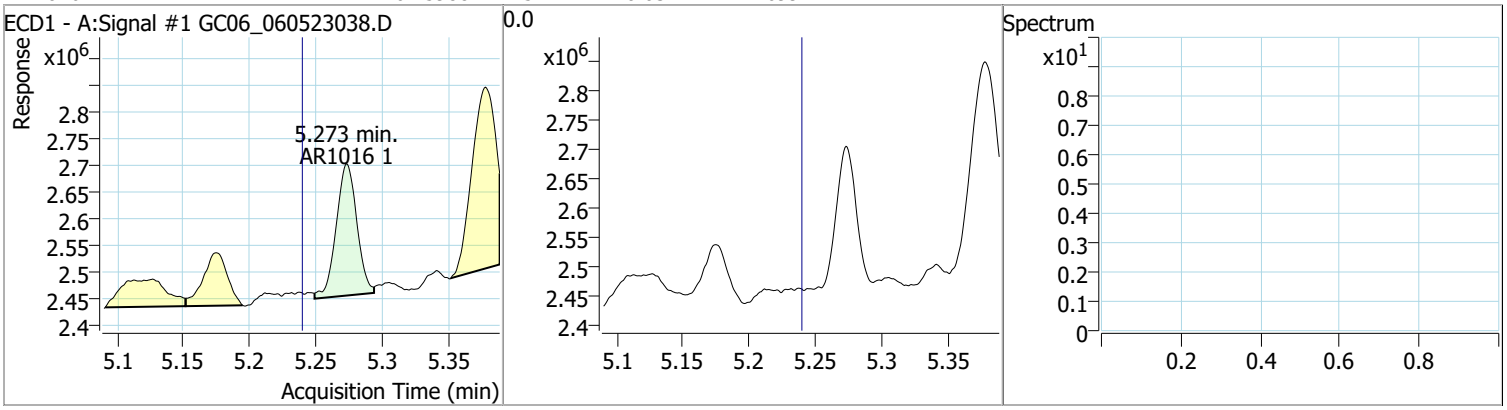
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T AR1016 1	5.273	0.0	269913.942	67.5988	ng/ml	100
T AR1016 2	5.562	0.0	80227.176	9.8969	ng/ml	100
T AR1016 1 #2	5.753	0.0	634109.623	60.7501	ng/ml	100
T AR1016 3	5.998	0.0	515646.416	49.7675	ng/ml	100
T AR1016 2 #2	6.234	0.0	380404.321	16.2237	ng/ml	100
T AR1016 4	0.000		0	N.D.		
T AR1016 5	6.315	0.0	37881.242	7.9312	ng/ml	100
T AR1016 3 #2	6.572	0.0	262555.365	9.3058	ng/ml	100
T AR1016 4 #2	6.815	0.0	256245.810	12.6187	ng/ml	100
T AR1016 5 #2	7.006	0.0	119864.216	11.0658	ng/ml	100
T AR1260 1	8.357	0.0	2345632.379	198.1376	ng/ml	100
T AR1260 2	8.940	0.0	18538.289	1.0258	ng/ml	100
T AR1260 3	9.503	0.0	5110.385	0.2646	ng/ml	100
T AR1260 1 #2	9.711	0.0	489981.001	17.3373	ng/ml	100
T AR1260 4	9.912	0.0	975968.672	92.7643	ng/ml	100
T AR1260 2 #2	9.962	0.0	1480880.942	46.4741	ng/ml	100
T AR1260 3 #2	10.388	0.0	334414.123	8.2010	ng/ml	100
T AR1260 5	10.582	0.0	236384.667	14.2096	ng/ml	100
T AR1260 4 #2	10.842	0.0	460914.101	19.3517	ng/ml	100
T AR1260 5 #2	11.532	0.0	857207.442	24.8303	ng/ml	100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

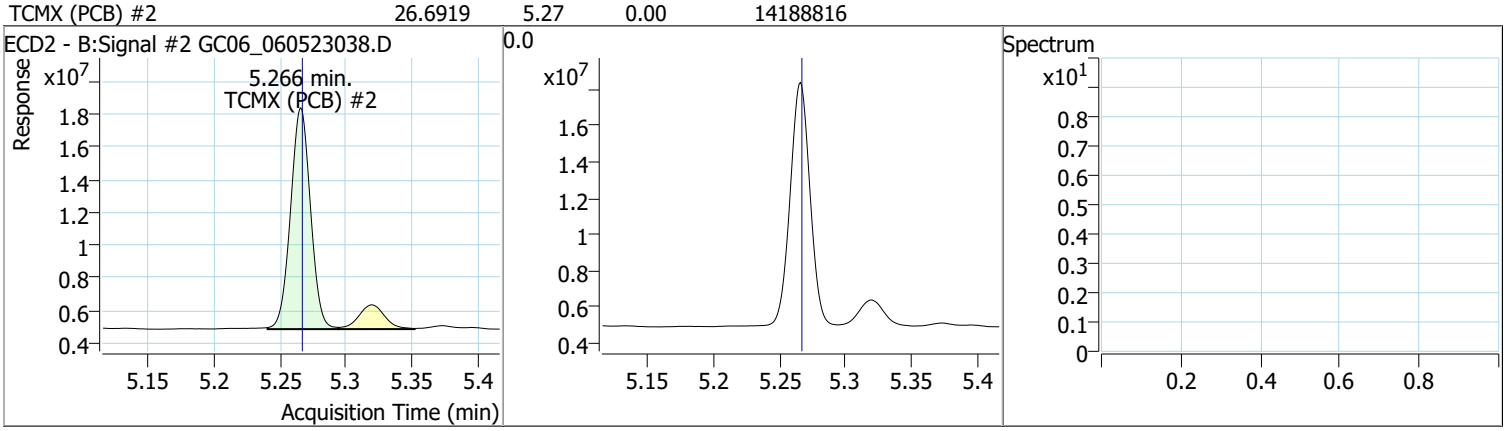
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	27.3475	4.90	0.00	5216906				



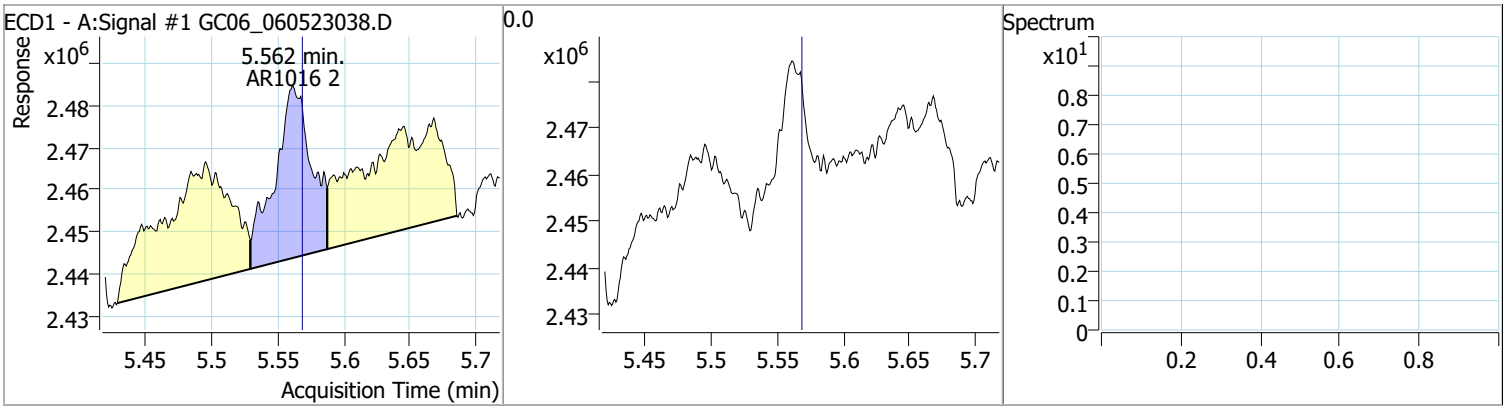
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	67.5988	5.27	0.03	269914				



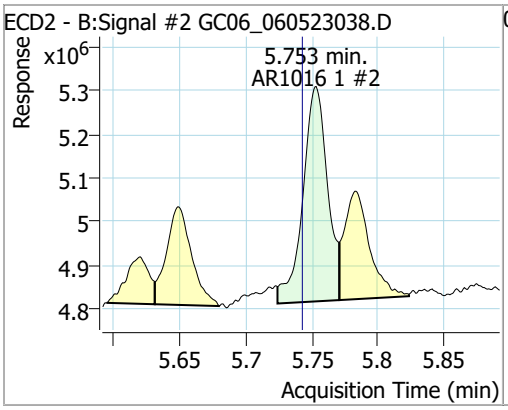
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB) #2	26.6919	5.27	0.00	14188816				

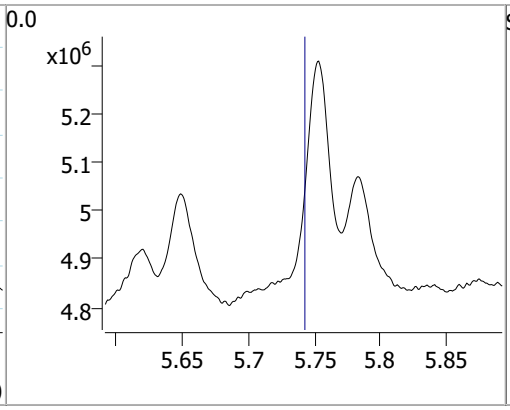


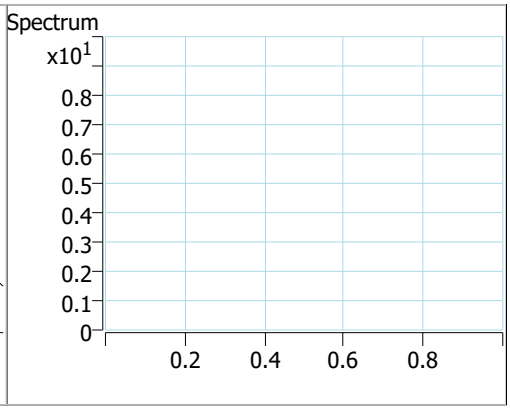
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	9.8969	5.56	-0.01	80227				



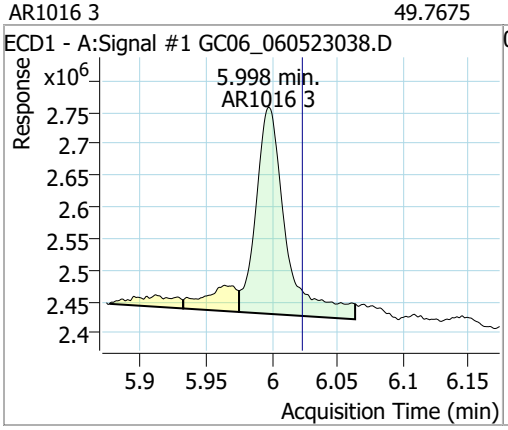
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1 #2	60.7501	5.75	0.01	634110				

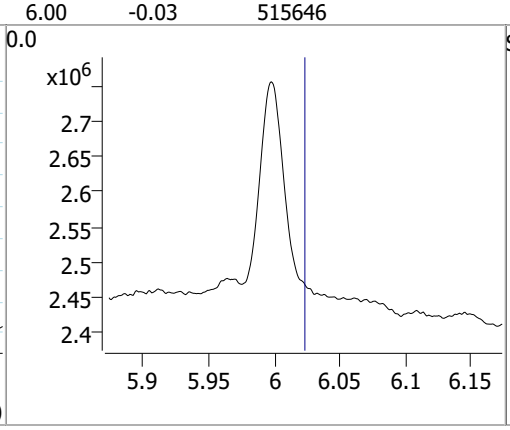


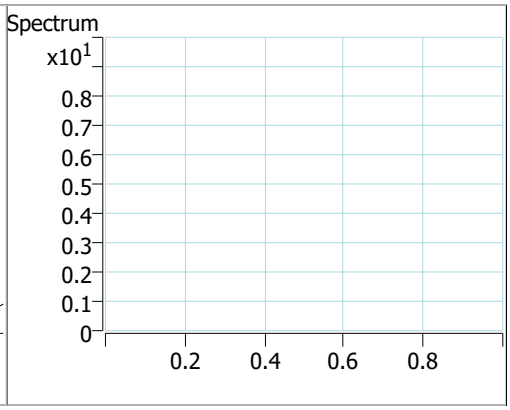




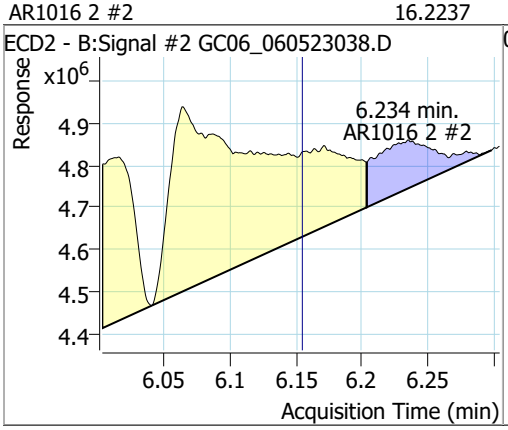
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	49.7675	6.00	-0.03	515646				

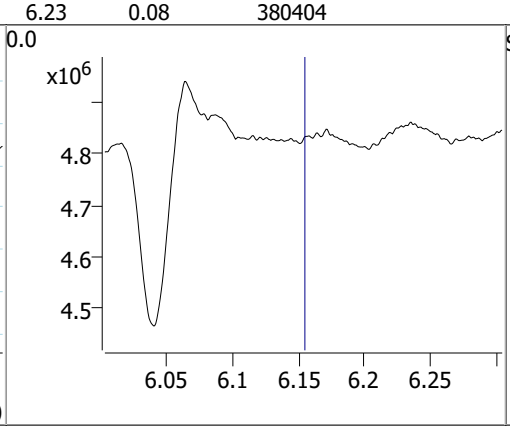


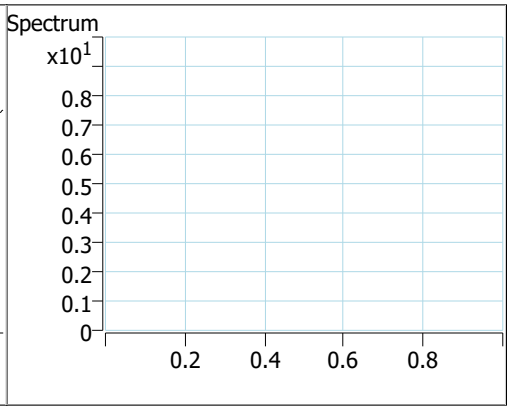




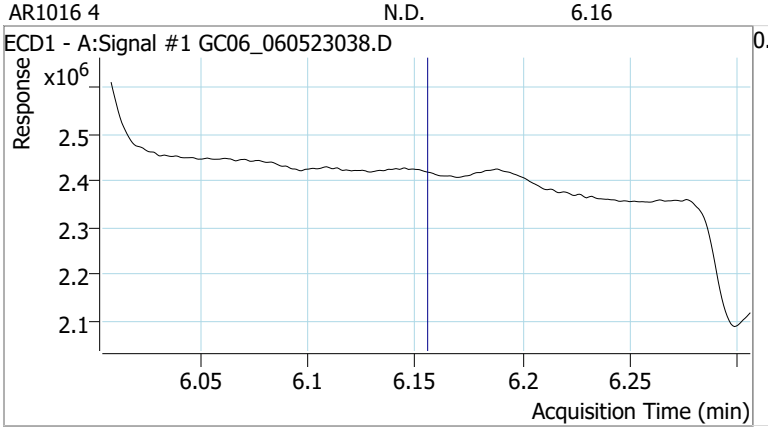
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	16.2237	6.23	0.08	380404				

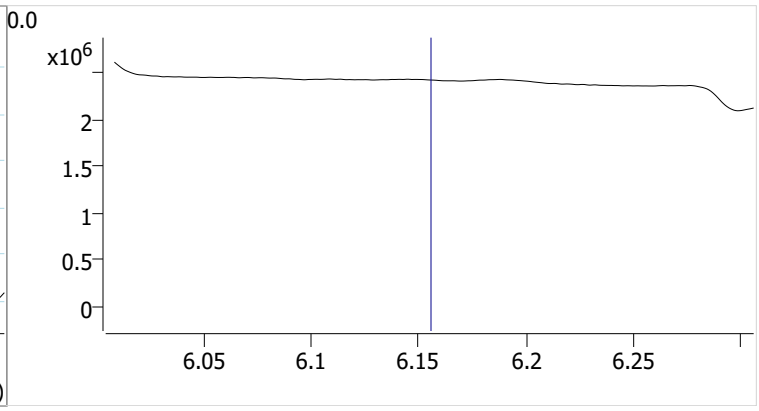




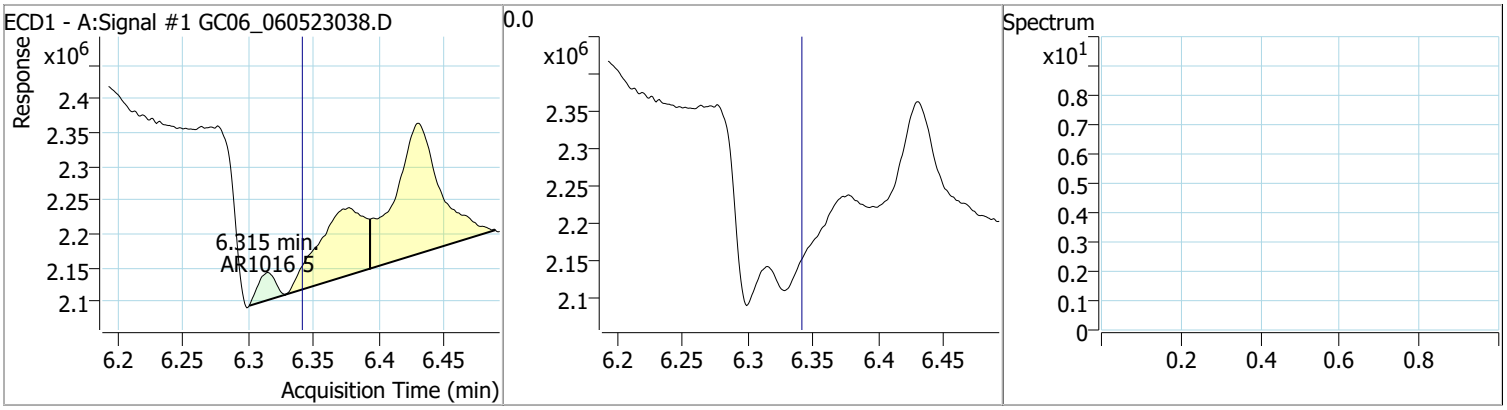


Compound	Conc.	Exp RT	QIon	Exp Ratio
AR1016 4	N.D.	6.16		

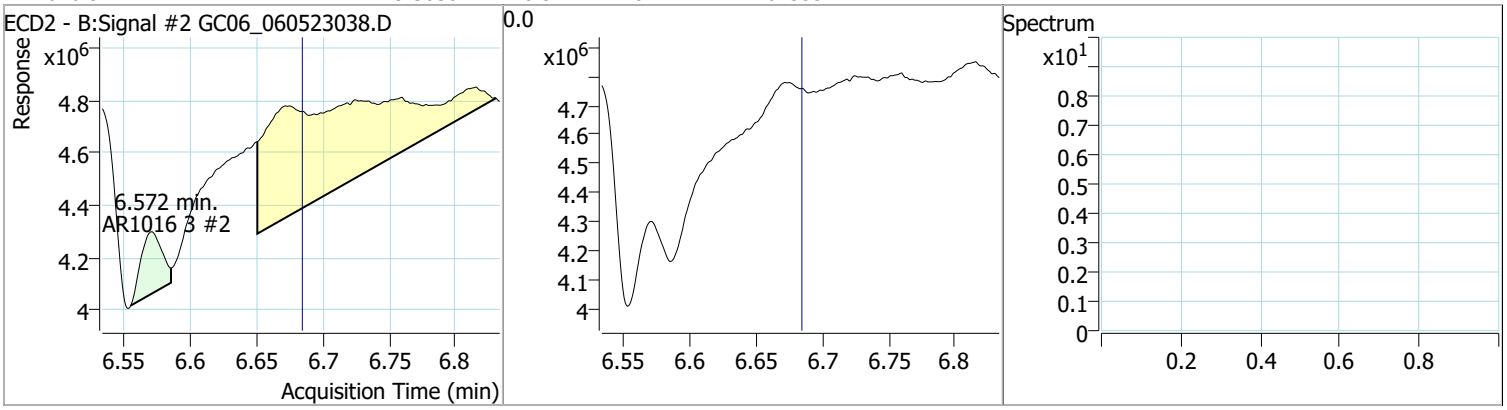




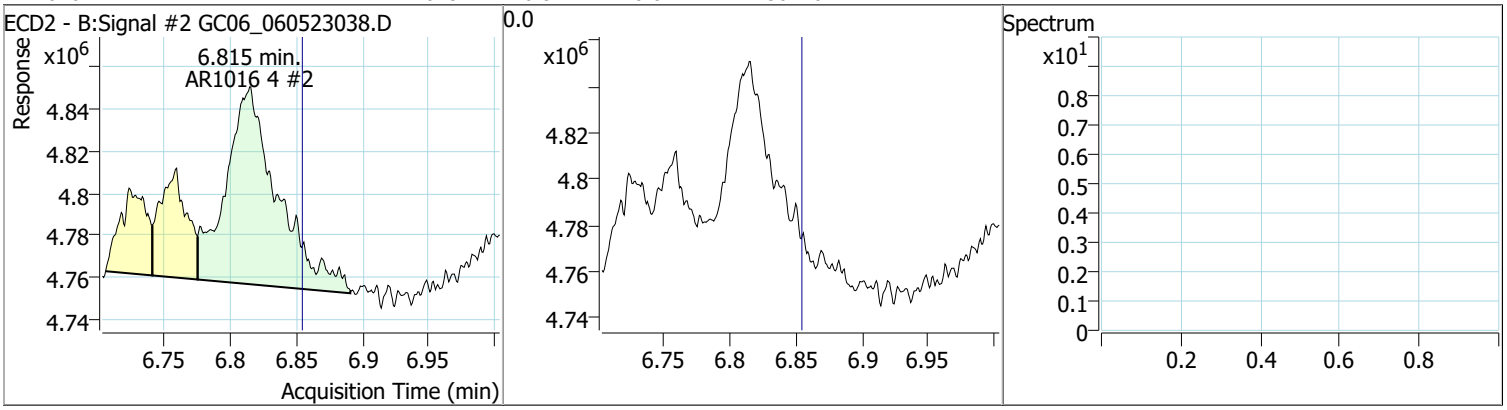
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	7.9312	6.32	-0.03	37881				



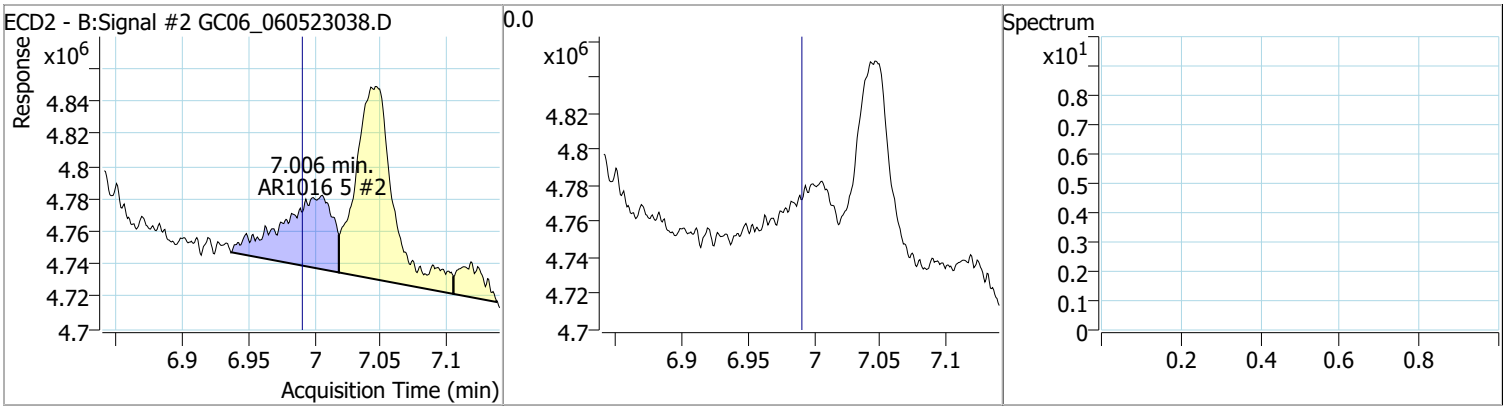
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	9.3058	6.57	-0.11	262555				



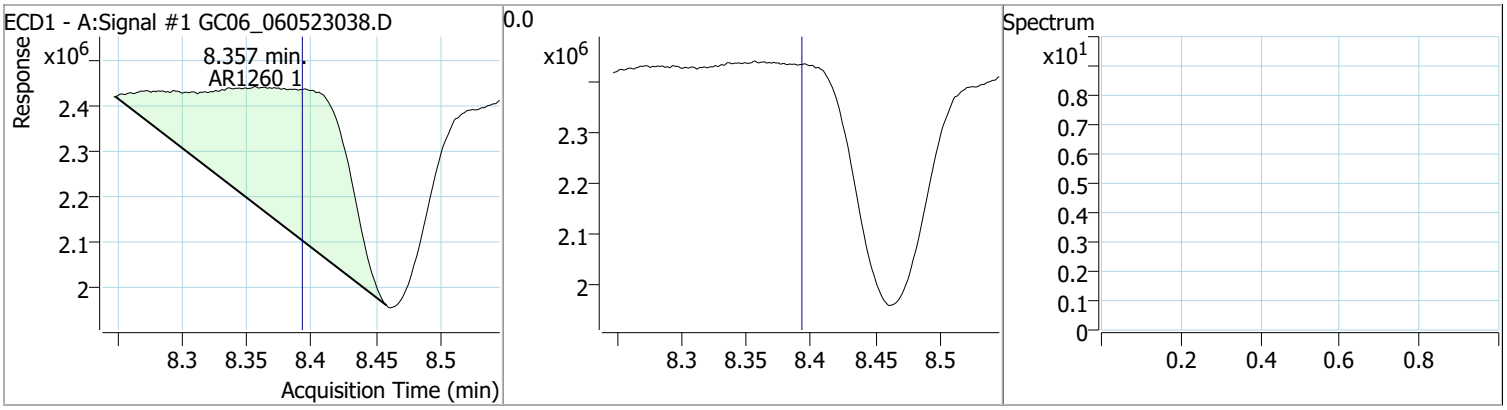
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4 #2	12.6187	6.82	-0.04	256246				



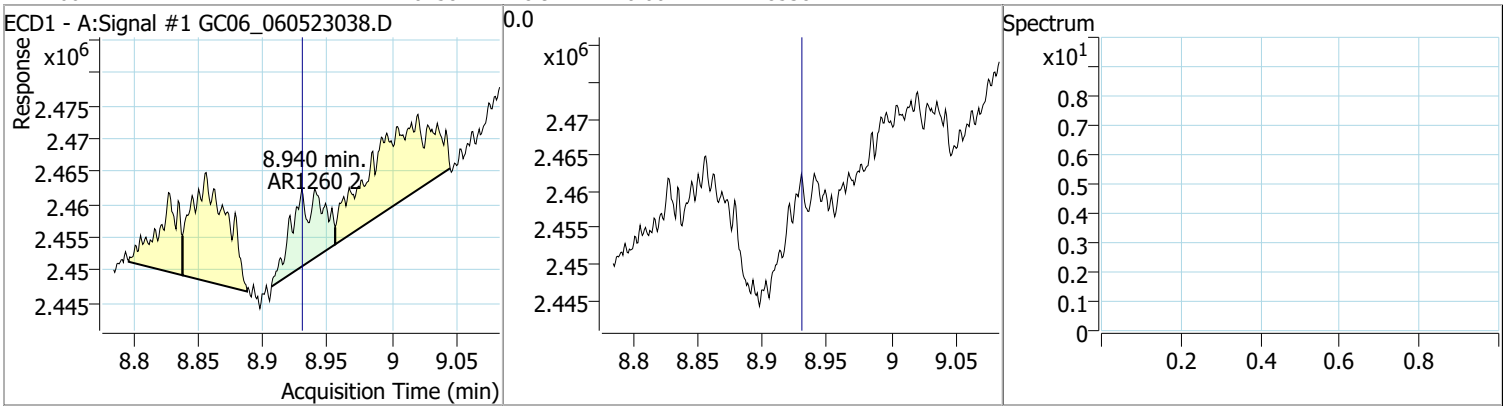
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	11.0658	7.01	0.01	119864				



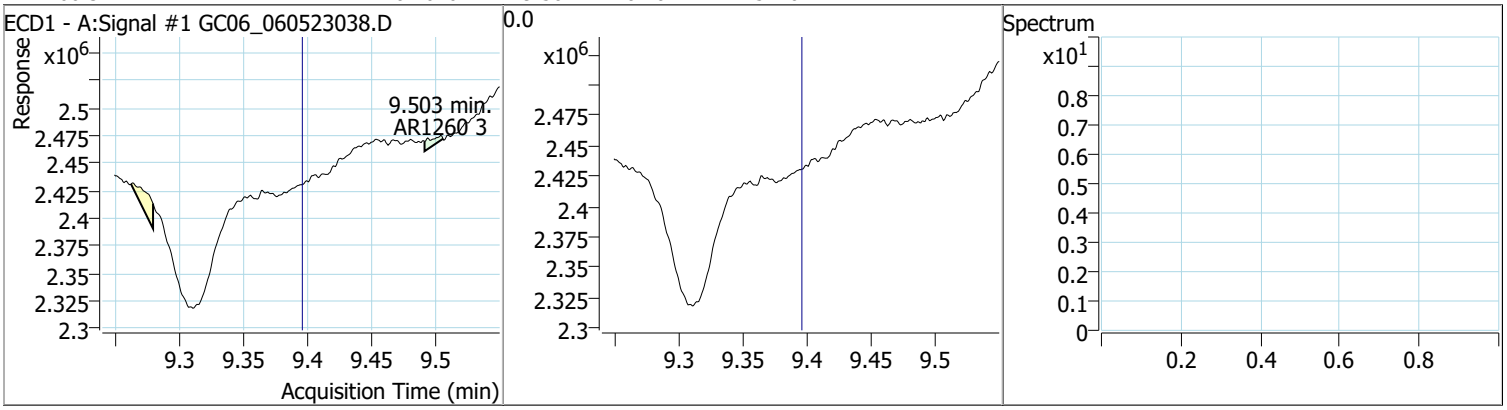
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	198.1376	8.36	-0.04	2345632				



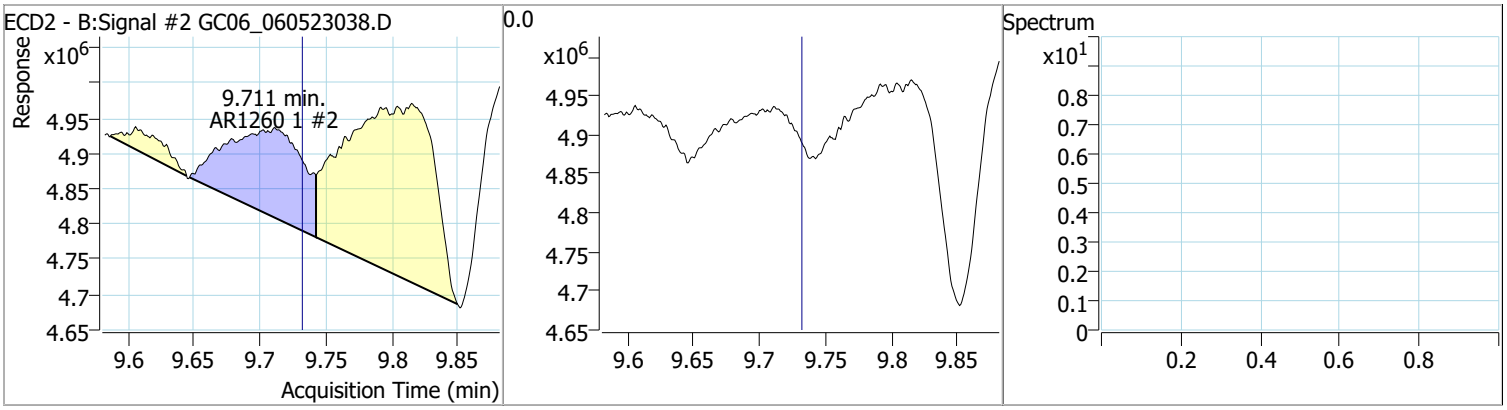
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	1.0258	8.94	0.00	18538				



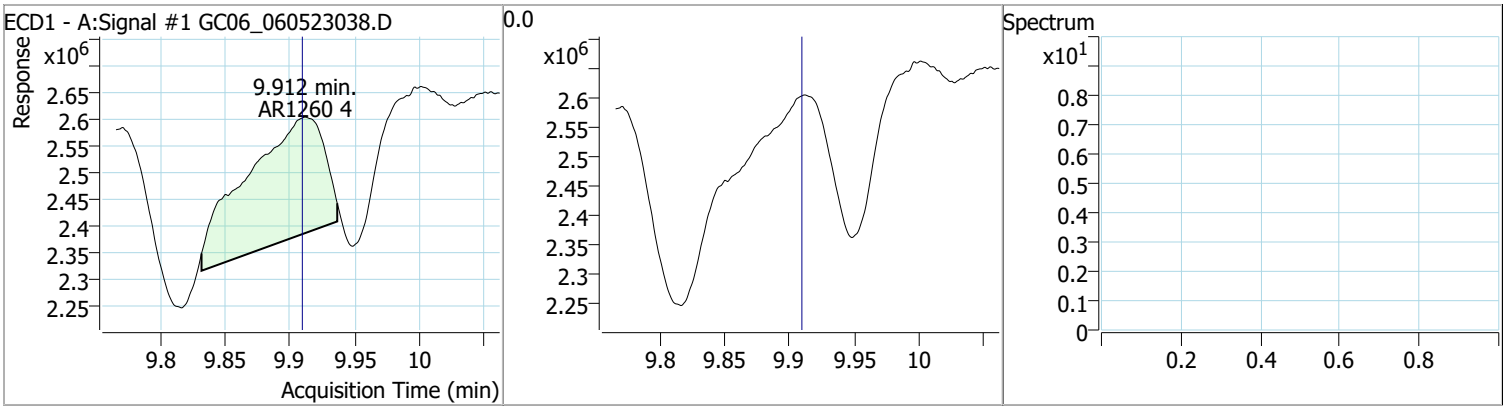
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3	0.2646	9.50	0.10	5110				



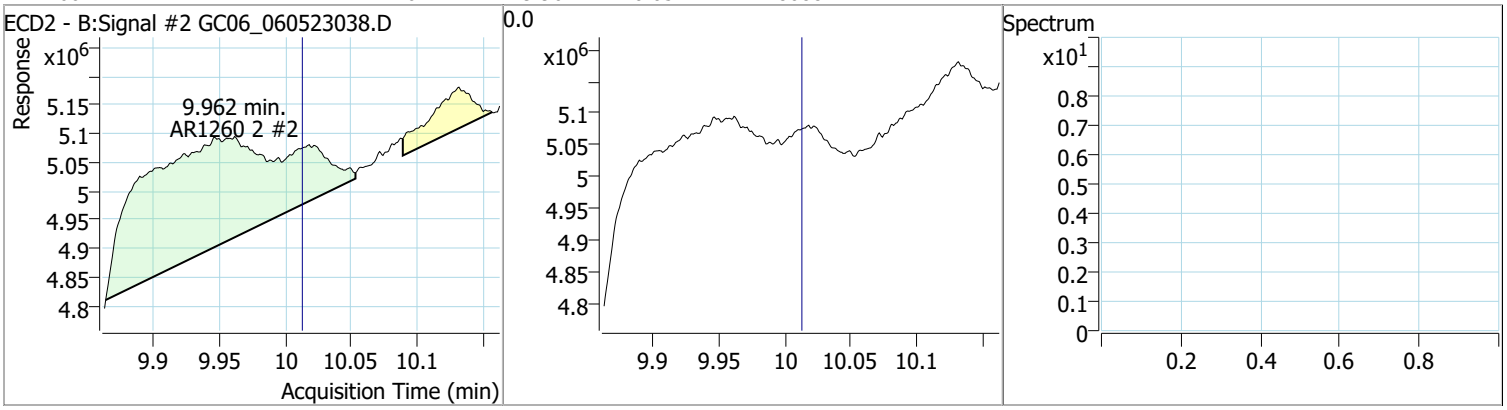
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1 #2	17.3373	9.71	-0.02	489981				



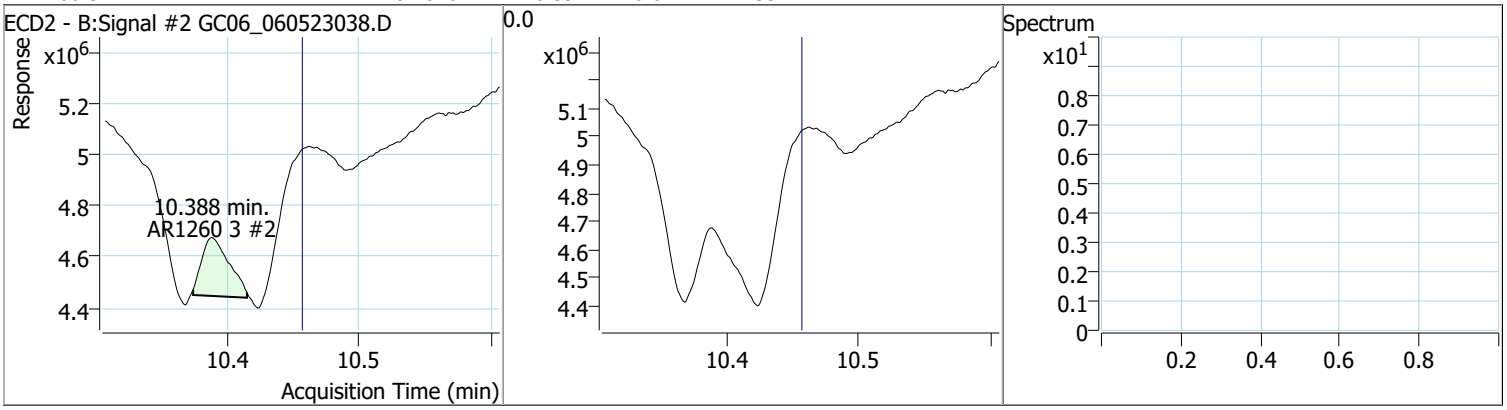
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4	92.7643	9.91	-0.01	975969				



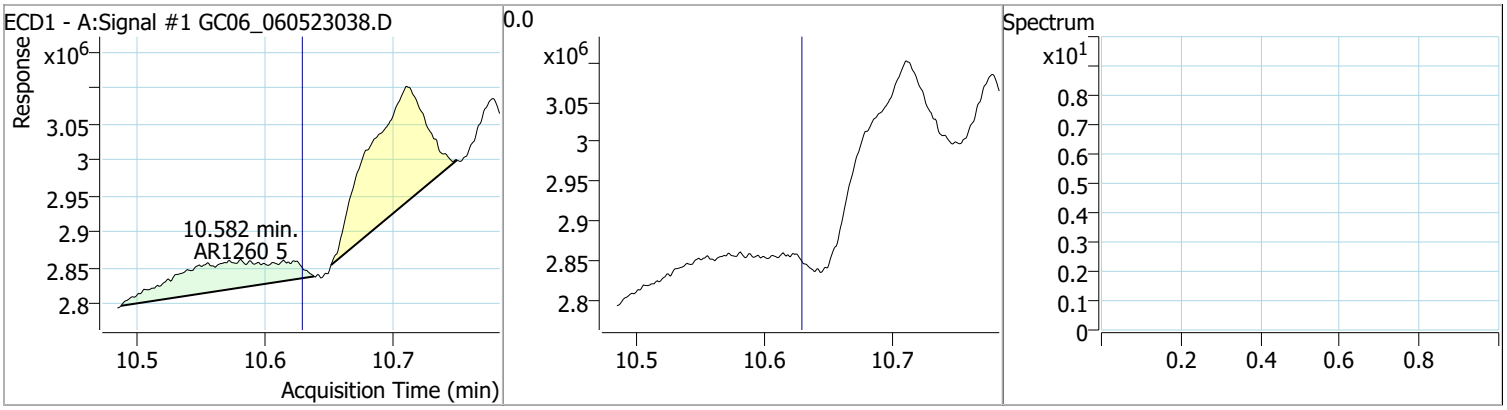
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	46.4741	9.96	-0.05	1480881				



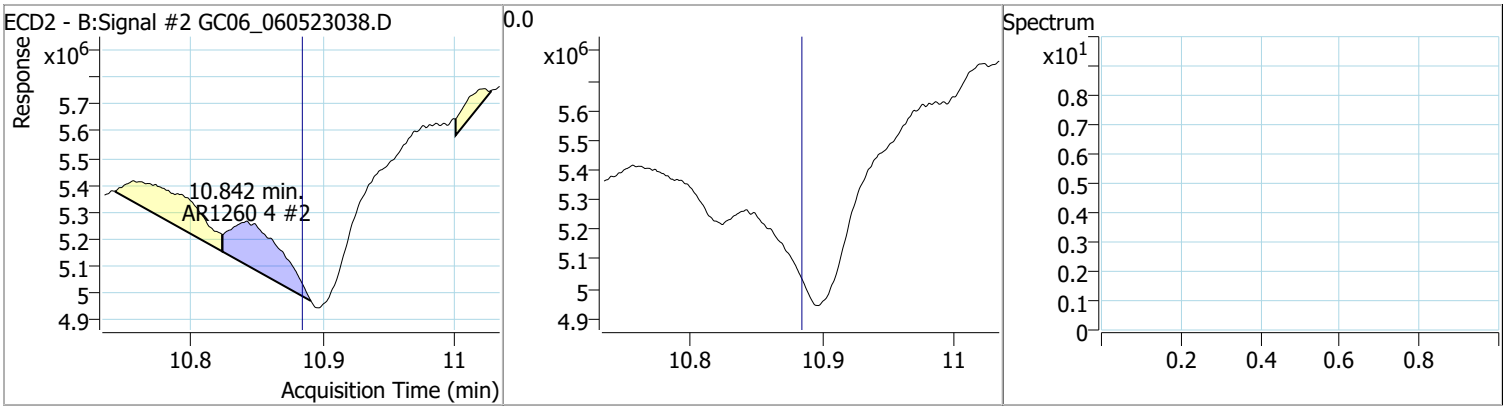
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3 #2	8.2010	10.39	-0.07	334414				



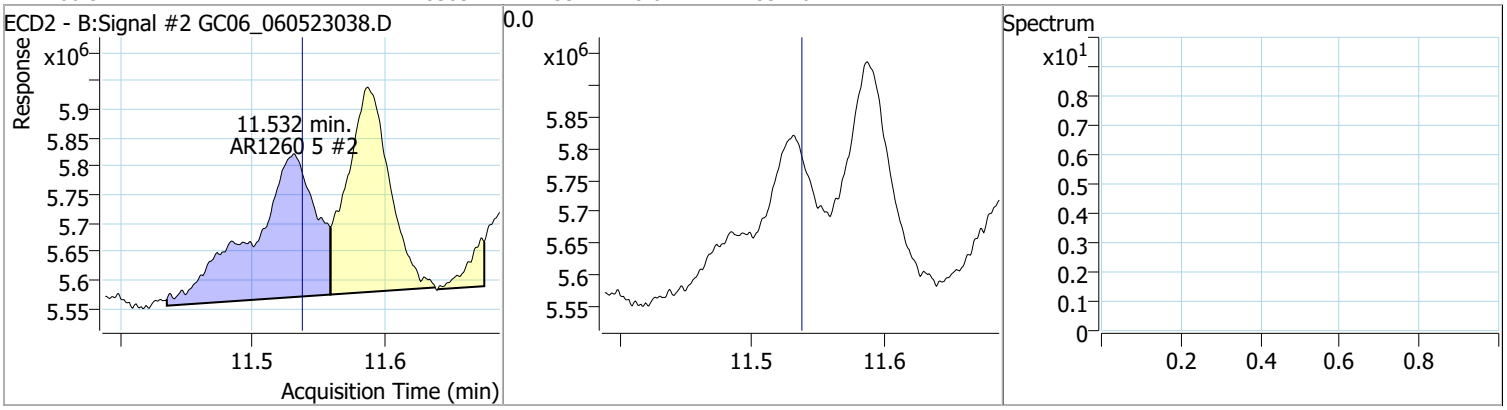
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	14.2096	10.58	-0.06	236385				



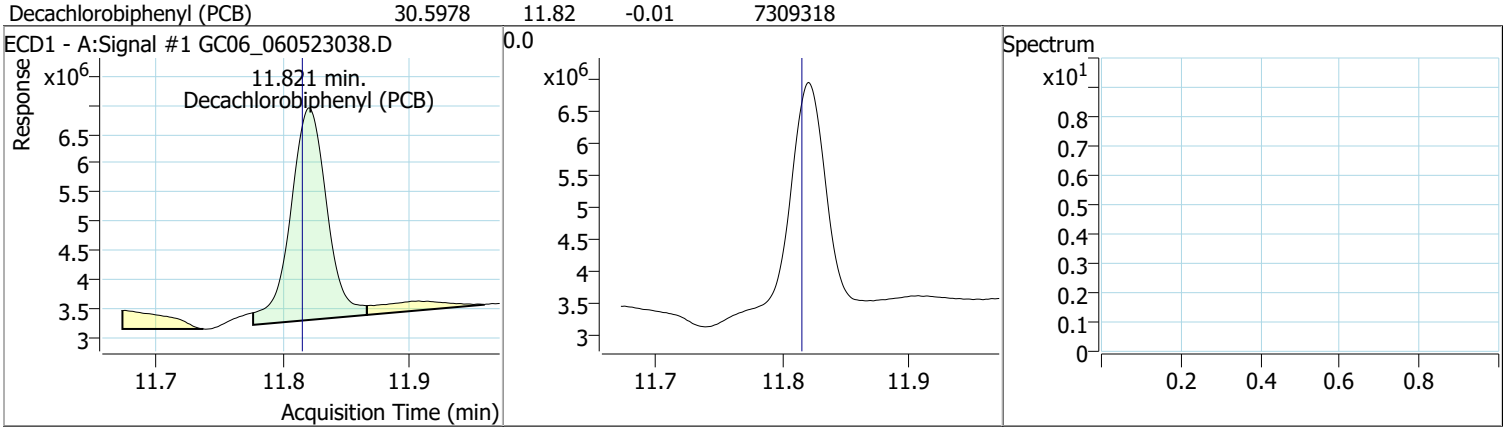
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	19.3517	10.84	-0.04	460914				



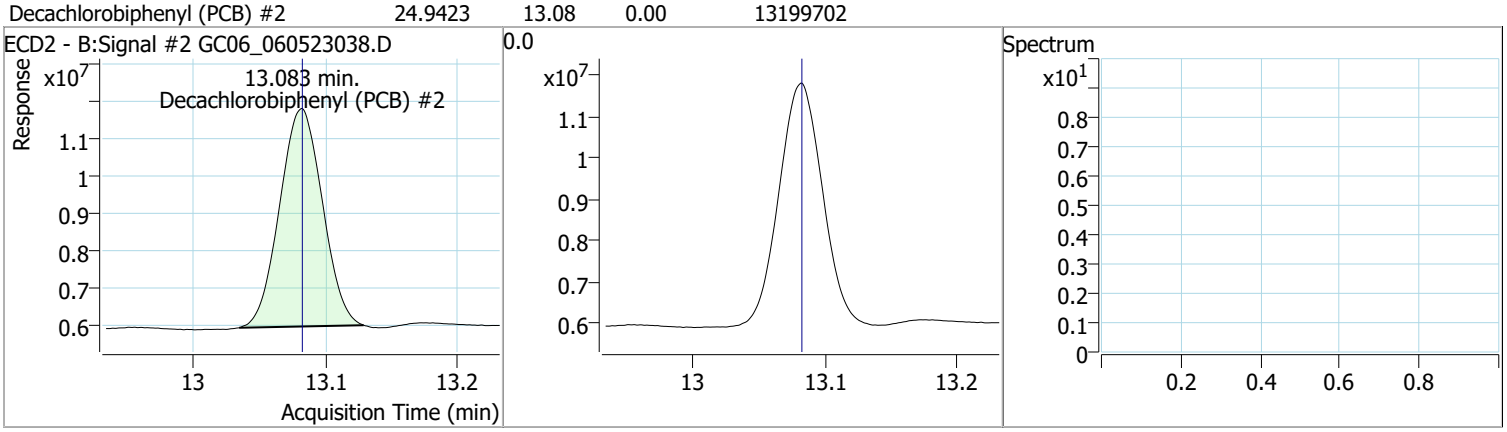
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	24.8303	11.53	-0.01	857207				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	30.5978	11.82	-0.01	7309318				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	24.9423	13.08	0.00	13199702				



ENTHALPY SAMPLE USER REPORT FOR EPA 8082

Inst:	SVOA-GC06	Lab ID:	486134-023	Client ID:	AFRAME-C7E-LAT-L3-UP-C7.3-DG-230601-P-LA
Seqnum:	453225344039	Matrix:	Wipe	Acct:	RINCON-BERK (JG)
File:	gc06_060523039	Batch:	315386	Time:	05-JUN-2023 23:02
Cal:	453205686001	Caldate:	22-MAY-2023		
IDF:	1.0	Raw Units:	ug/L	Units:	ug/dm2

- 1.00 dm2 ⇨ 10.0 ml = 10.0 ml/dm2 PDF

Analyte	Ch	Raw	Result	Conf	RPD	RL	Blank	Flags
Aroclor-1016	B	32.50	ND	0.36	10%	0.50		u
Aroclor-1016 Peak # 1	B	40.03	0.40	0.01	186%			
Aroclor-1016 Peak # 2	B	87.21	0.87	0.10	159%			
Aroclor-1016 Peak # 3	B	13.52	0.14	1.02	153%			
Aroclor-1016 Peak # 4	B	14.10	0.14	ND				
Aroclor-1016 Peak # 5	B	7.620	0.08	0.66	158%			
Aroclor-1221	B		ND			0.50		u
Aroclor-1232	B		ND			0.50		u
Aroclor-1242	B		ND			0.50		u
Aroclor-1248	B		ND			0.50		u
Aroclor-1254	B		ND			0.50		u
Aroclor-1260	B	25.09	ND	0.62	85%	0.50		u
Aroclor-1260 Peak # 1	B	13.48	0.13	1.79	172%			
Aroclor-1260 Peak # 2	B	38.13	0.38	0.01	189%			
Aroclor-1260 Peak # 3	B	8.938	0.09	ND				
Aroclor-1260 Peak # 4	B	47.63	0.48	1.17	84%			
Aroclor-1260 Peak # 5	B	17.27	0.17	0.15	15%			
Aroclor-1262	B		ND			0.50		u
Aroclor-1268	B		ND			0.50		u

Surrogate	Ch	Raw	Spiked	Result	%Rec	Limits	Flags
TCMX (PCB)	B	24.31	0.5000	0.2431	49	19-121	c- u
Decachlorobiphenyl (PCB)	B	23.22	0.5000	0.2322	46	19-121	u

NO INTERNAL STANDARD REFERENCE RUN FOUND FOR CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV(internal standard: 1BR2NITROBZ1268, 1BR2NITROBZ1262, 1BR2NITROBZ1232, 1BR2NITROBZ1242, 1BR2NITROBZ1221)

ISTD (CCV gc06_060523003)	Ch	CCV Abund	SAMPLE Abund	%Drift
1-bromo-2-nitrobenzene (PCB)	B	8992413	9892588	10.01
1-bromo-2-nitrobenzene (PCB)	A	3431466	3566597	3.94

ISTD (ICAL gc06_060523009)	Ch	ICAL Abund	SAMPLE Abund	%Drift
1-bromo-2-nitrobenzene (1254)	B	9894264	**???**	**-100.00 ***
1-bromo-2-nitrobenzene (1254)	A	3688197	**???**	**-100.00 ***

ISTD (ICAL gc06_060523010)	Ch	ICAL Abund	SAMPLE Abund	%Drift
1-bromo-2-nitrobenzene (1248)	A	3562631	**???**	**-100.00 ***
1-bromo-2-nitrobenzene (1248)	B	9640375	**???**	**-100.00 ***

NO INTERNAL STANDARD REFERENCE RUN FOUND FOR CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV(internal standard: 1BR2NITROBZ1268, 1BR2NITROBZ1262, 1BR2NITROBZ1232, 1BR2NITROBZ1242, 1BR2NITROBZ1221)

ISTD (CCV gc06_060523003)	Ch	CCV RT	SAMPLE RT	Drift
1-bromo-2-nitrobenzene (PCB)	B	4.36	4.35	-0.01
1-bromo-2-nitrobenzene (PCB)	A	4.13	4.13	0.00

ISTD (ICAL gc06_060523009)	Ch	ICAL RT	SAMPLE RT	Drift
1-bromo-2-nitrobenzene (1254)	B	4.36	**???**	
1-bromo-2-nitrobenzene (1254)	A	4.13	**???**	

ISTD (ICAL gc06_060523010)	Ch	ICAL RT	SAMPLE RT	Drift
1-bromo-2-nitrobenzene (1248)	A	4.13	**???**	
1-bromo-2-nitrobenzene (1248)	B	4.36	**???**	

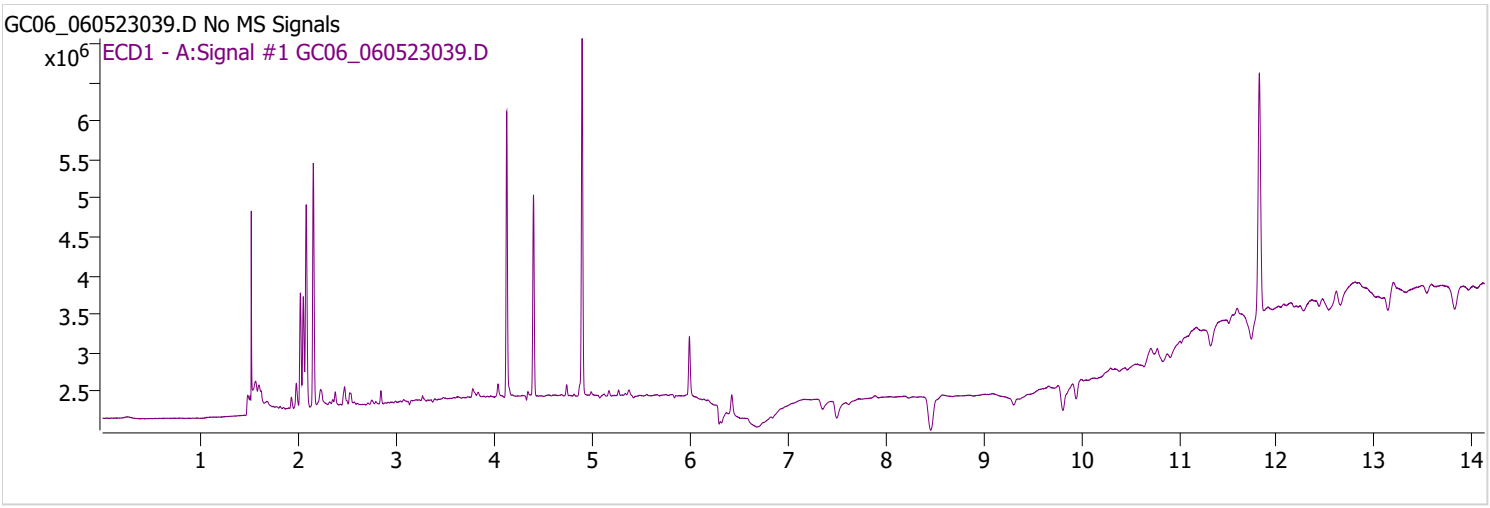
06/08/23 : WIPE/1DM^2-10ML

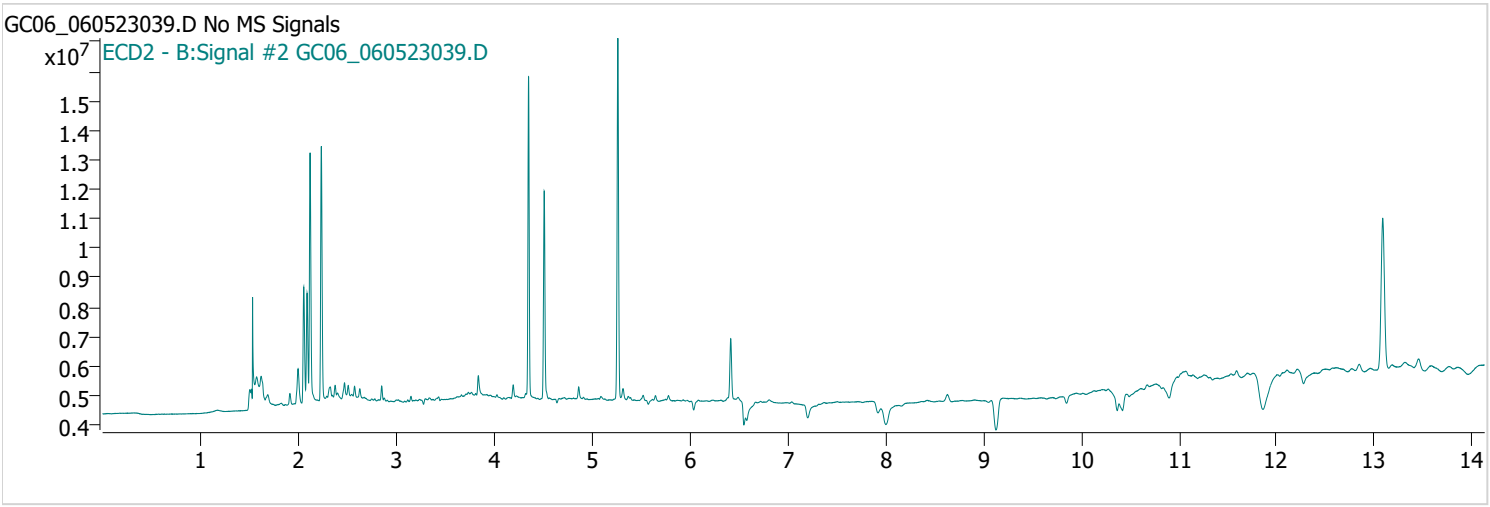
-=low bias c=CCV u=use

Analyst: MES 06/08/23 **Reviewer:** MTS 06/08/23

Quantitation Results Report (Not Reviewed)

Data File	GC06_060523039.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	6/5/2023 11:02:02 PM
Sample Name	486134-023, 315386, 1	Instrument	SVOA-GC06
Vial	26	Multiplier	1.00
DA Method File	PCB_608_052323_GC06_9.m	Comment	WIPE/1DM^2-10ML
Tune File	ATUNE.U	Tune Date	
Batch Name	060523PCB.batch.bin	Last Calib Update	5/23/2023 1:46:10 PM
Ref Library			



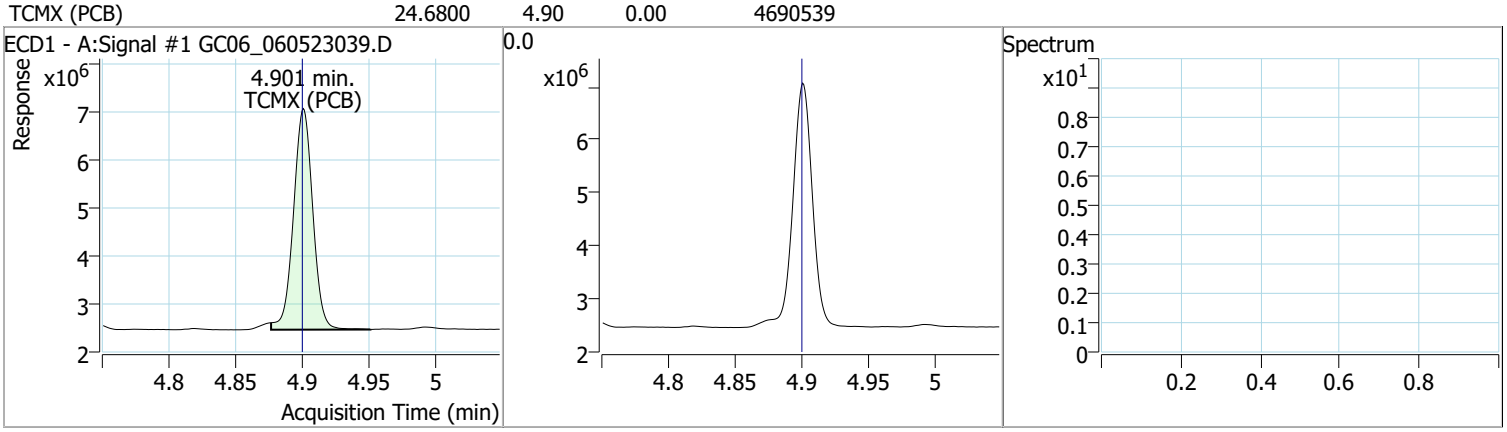


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M 1-bromo-2-nitrobenzene (PCB)	4.131	0.0	3566597.377	20.0000	ng/ml	-0.003
M 1-bromo-2-nitrobenzene (PCB) #2	4.353	0.0	9892587.712	20.0000	ng/ml	-0.002
System Monitoring Compounds						
S TCMX (PCB)	4.901	0.0	4690539.015	24.6800	ng/ml	-0.002
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 123.40%		
S TCMX (PCB) #2	5.266	0.0	12758379.467	24.3130	ng/ml	-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 121.56%		
S Decachlorobiphenyl (PCB)	11.822	0.0	6637718.084	27.8901	ng/ml	-0.004
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 139.45%		
S Decachlorobiphenyl (PCB) #2	13.082	0.0	12131369.939	23.2216	ng/ml	-0.002
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 116.11%		
Target Compounds						QValue

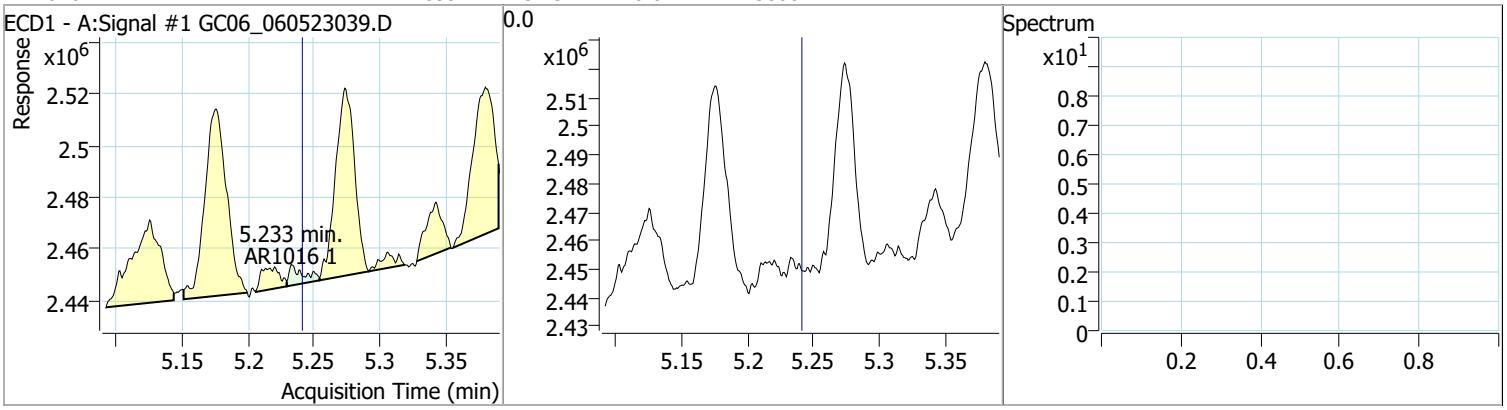
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T AR1016 1	5.233	0.0	5807.742	1.4599	ng/ml	100
T AR1016 2	5.560	0.0	80292.329	9.9419	ng/ml	100
T AR1016 1 #2	5.784	0.0	412449.885	40.0280	ng/ml	100
T AR1016 3	5.998	0.0	1053613.181	102.0687	ng/ml	100
T AR1016 2 #2	6.241	0.0	2018609.440	87.2104	ng/ml	100
T AR1016 4	0.000		0	N.D.		
T AR1016 5	6.375	0.0	312177.144	65.6047	ng/ml	100
T AR1016 3 #2	6.816	0.0	376485.420	13.5174	ng/ml	100
T AR1016 4 #2	6.816	0.0	282687.909	14.1018	ng/ml	100
T AR1016 5 #2	6.988	0.0	81484.802	7.6204	ng/ml	100
T AR1260 1	8.279	0.0	2110592.182	178.9487	ng/ml	100
T AR1260 2	8.857	0.0	19349.774	1.0747	ng/ml	100
T AR1260 3	0.000		0	N.D.		
T AR1260 1 #2	9.710	0.0	375943.514	13.4752	ng/ml	100
T AR1260 4	9.916	0.0	1221953.767	116.5781	ng/ml	100
T AR1260 2 #2	9.954	0.0	1199535.521	38.1342	ng/ml	100
T AR1260 3 #2	10.388	0.0	359802.090	8.9384	ng/ml	100
T AR1260 5	10.573	0.0	246261.732	14.8586	ng/ml	100
T AR1260 4 #2	10.771	0.0	1119887.850	47.6304	ng/ml	100
T AR1260 5 #2	11.533	0.0	588521.205	17.2690	ng/ml	100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

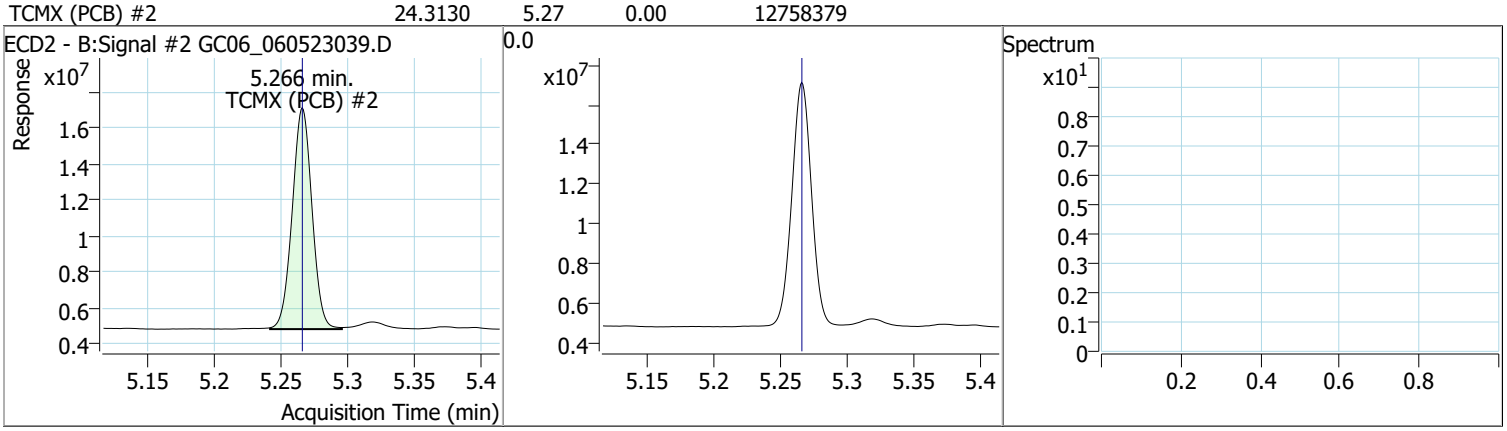
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	24.6800	4.90	0.00	4690539				



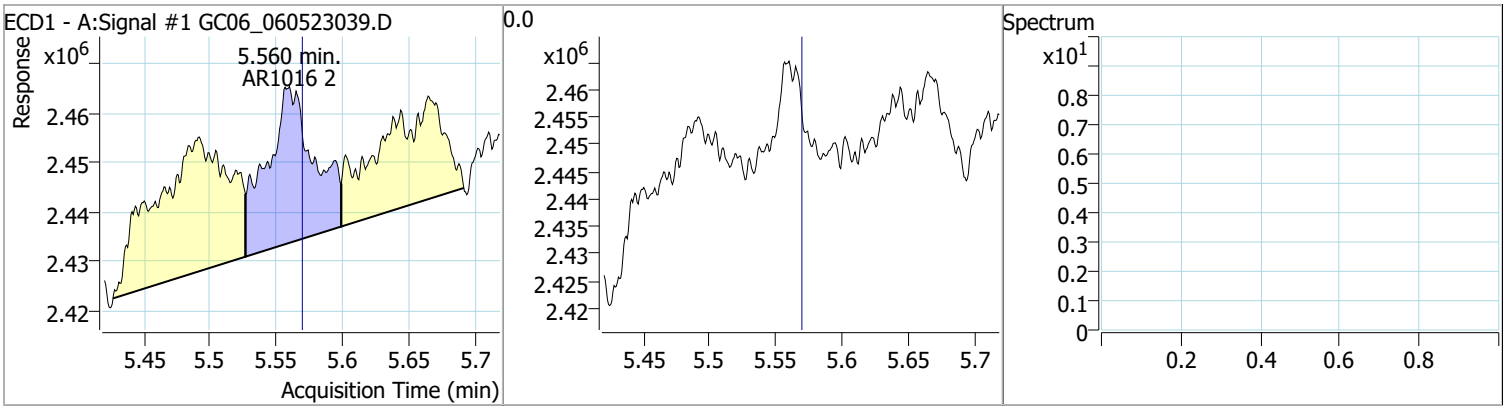
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	1.4599	5.23	-0.01	5808				



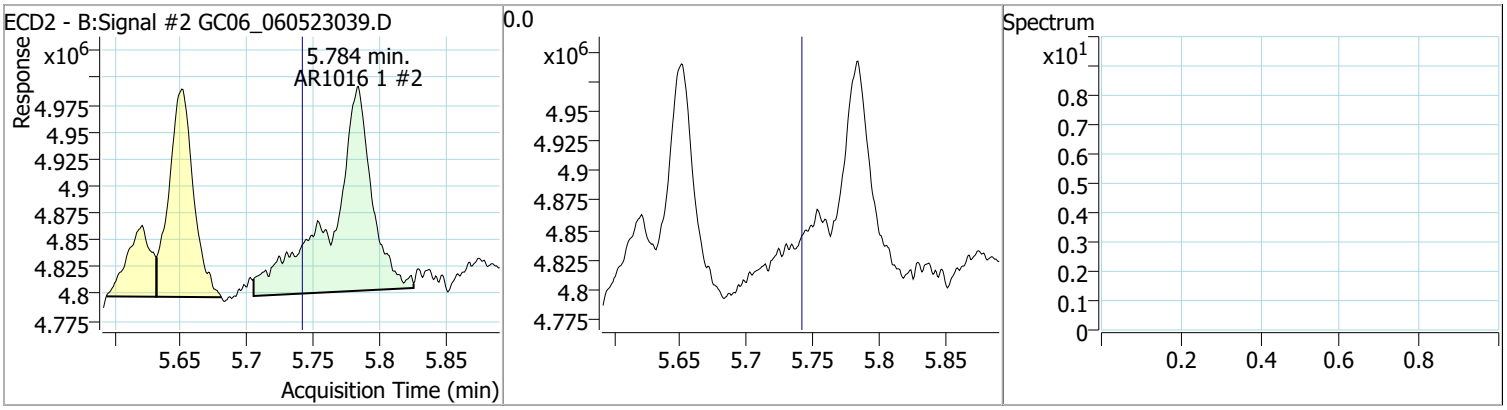
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB) #2	24.3130	5.27	0.00	12758379				



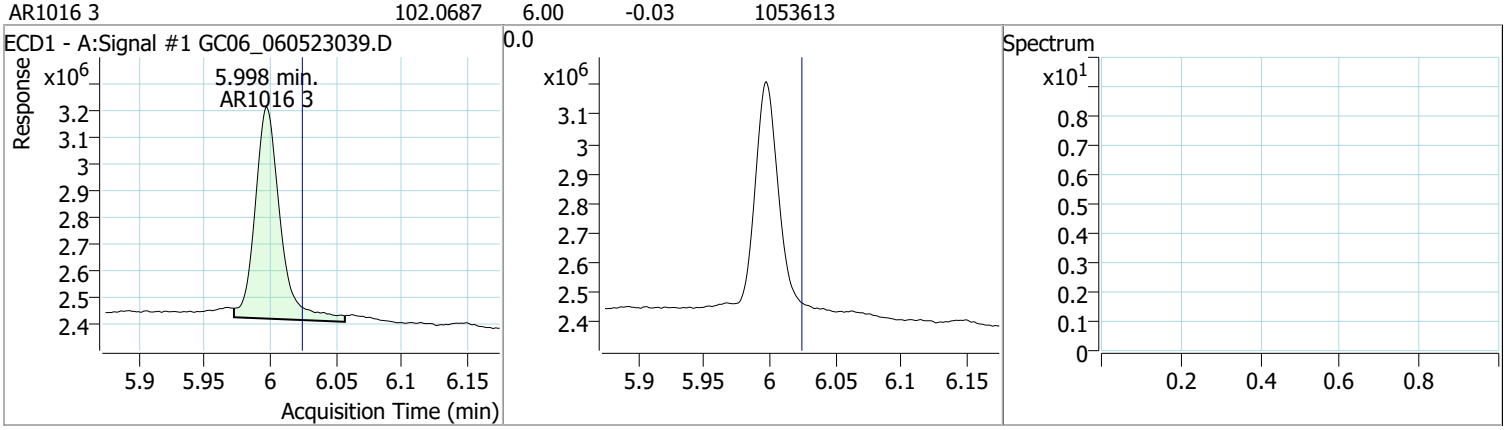
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	9.9419	5.56	-0.01	80292				



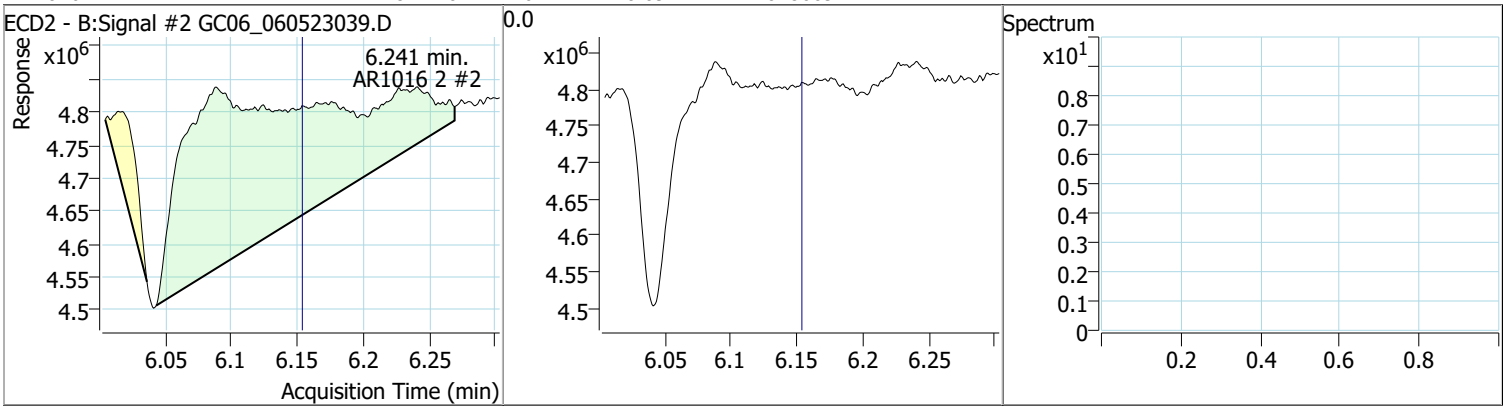
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1 #2	40.0280	5.78	0.04	412450				



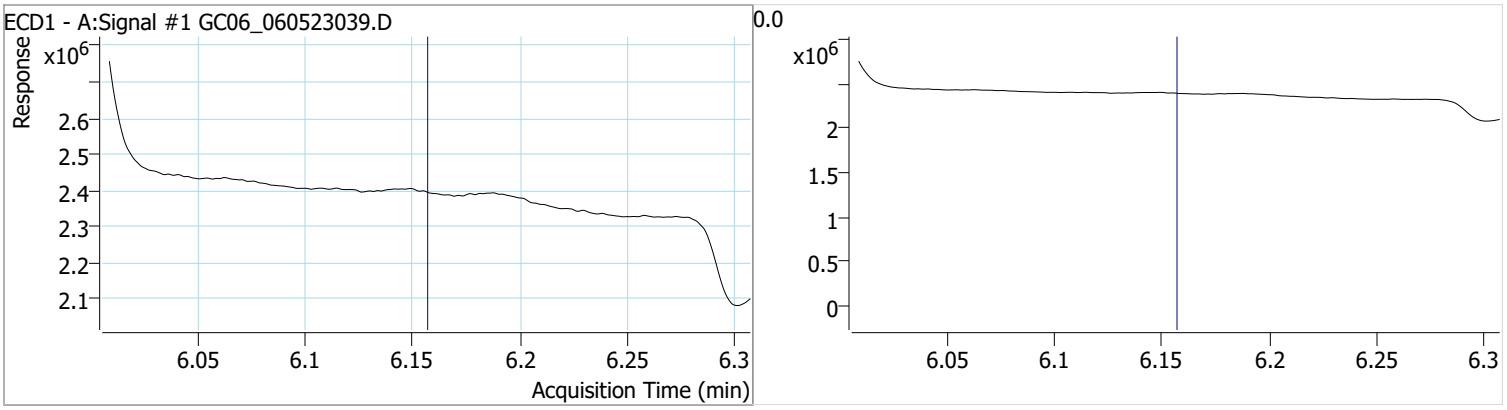
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	102.0687	6.00	-0.03	1053613				



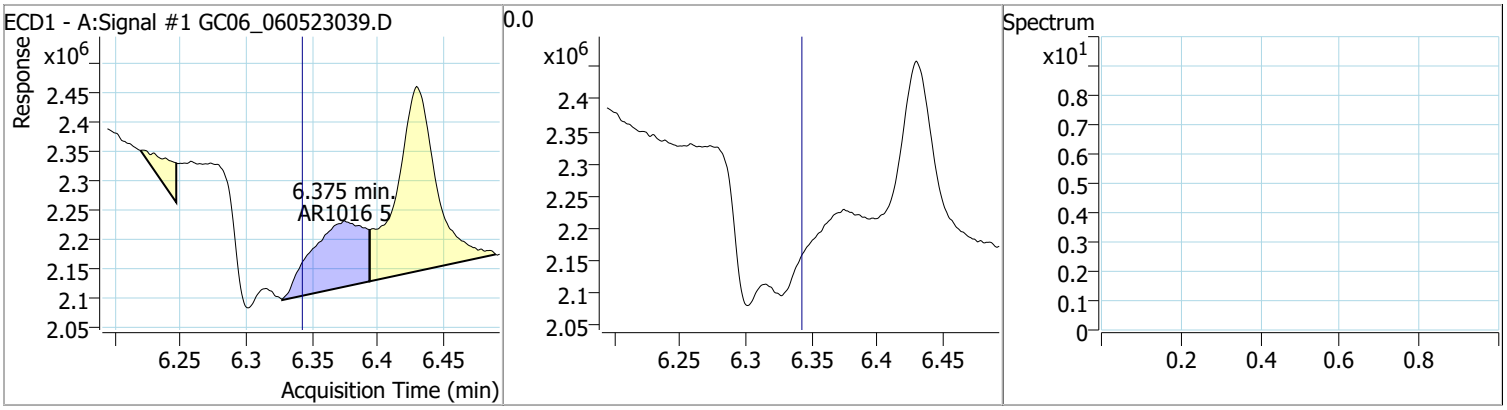
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	87.2104	6.24	0.09	2018609				



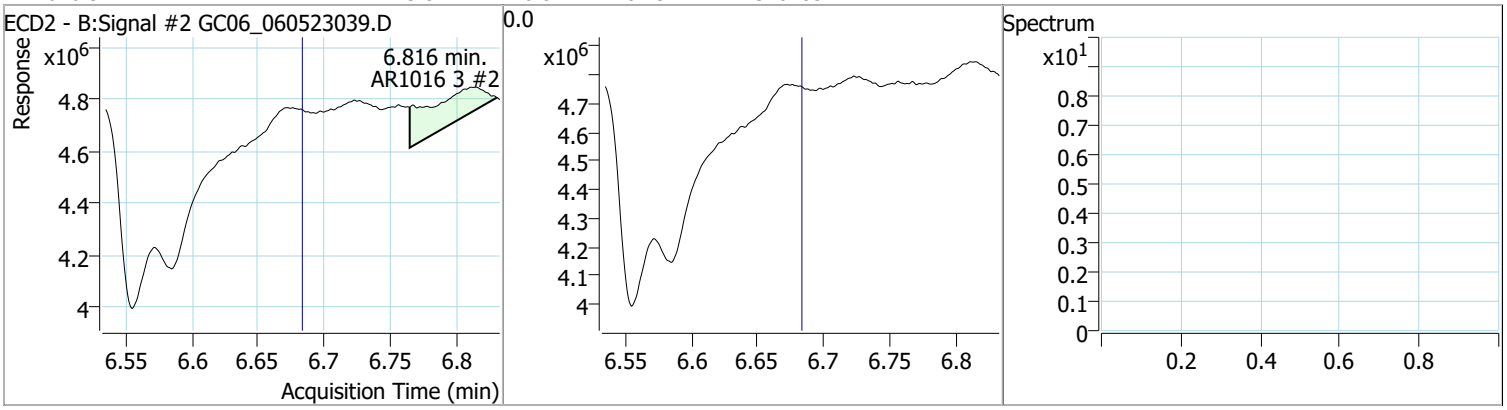
Compound	Conc.	Exp RT	QIon	Exp Ratio
AR1016 4	N.D.	6.16		



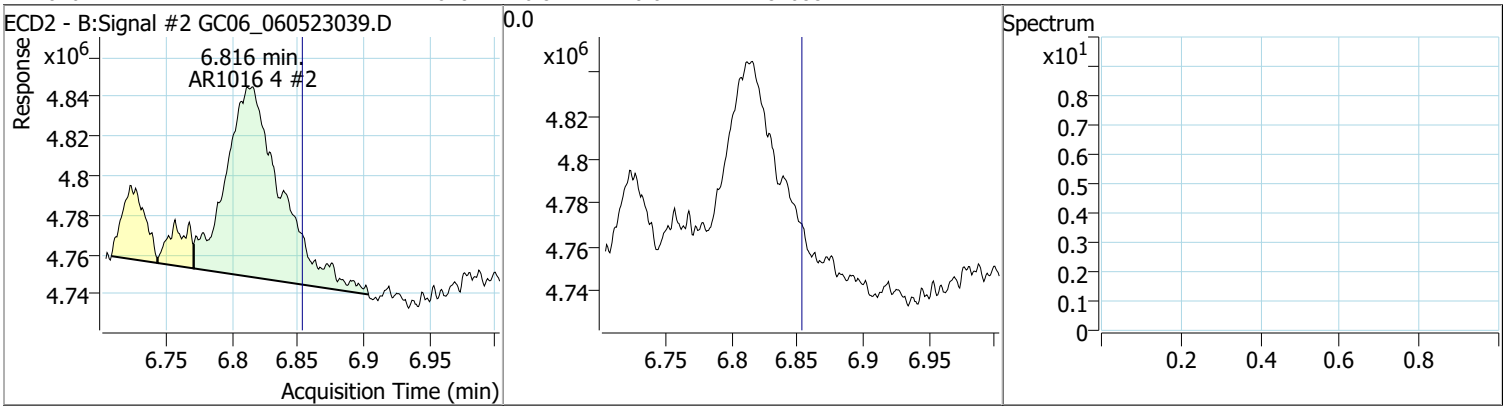
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	65.6047	6.38	0.03	312177				



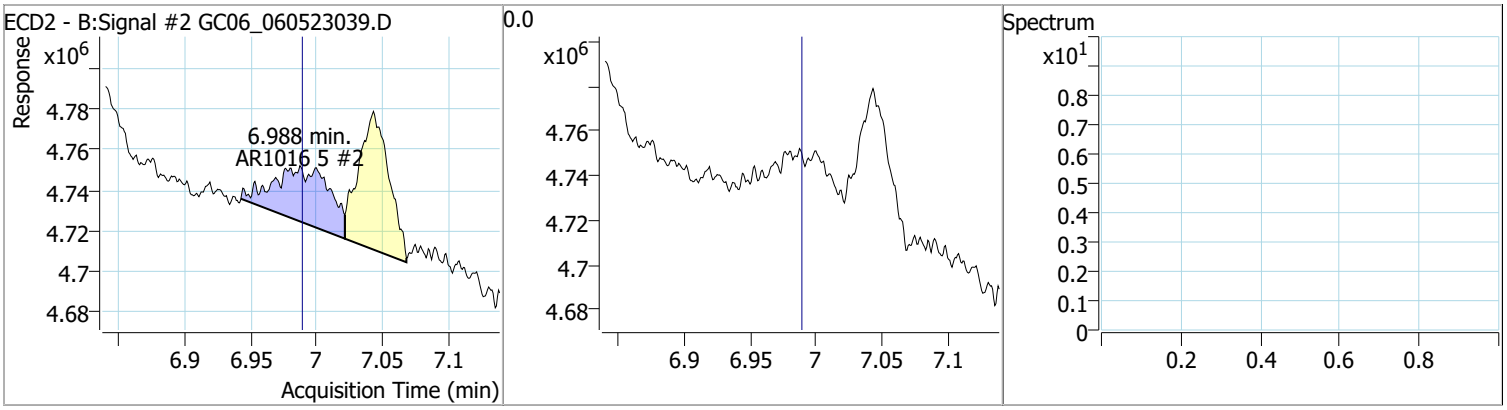
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	13.5174	6.82	0.13	376485				



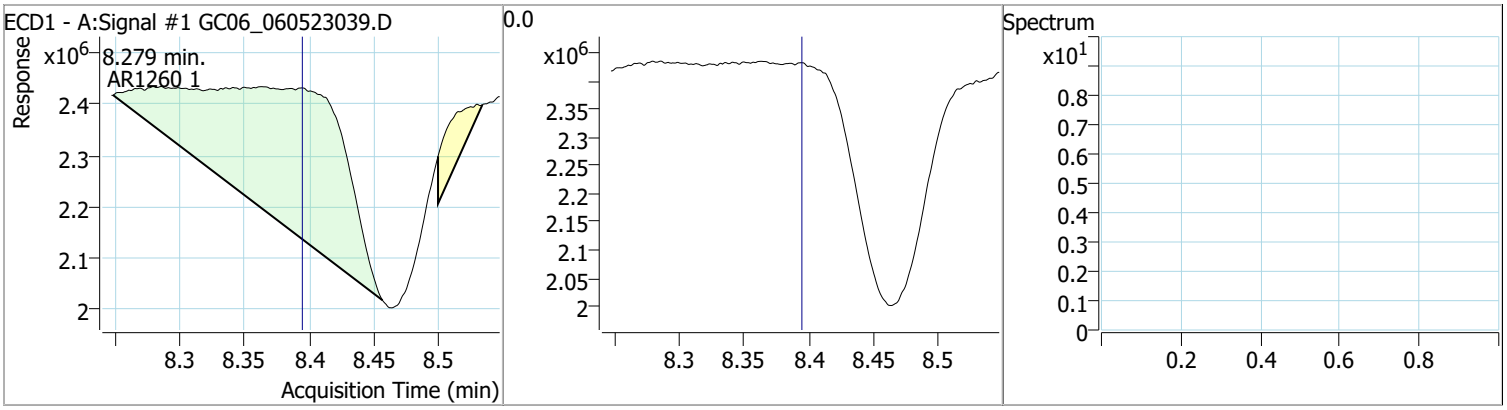
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4 #2	14.1018	6.82	-0.04	282688				



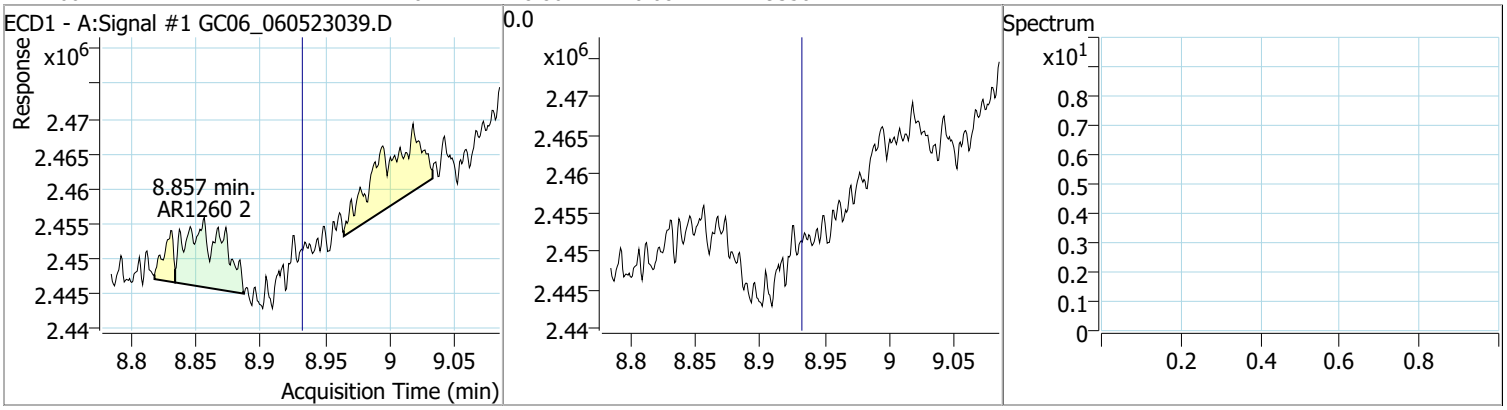
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	7.6204	6.99	0.00	81485				



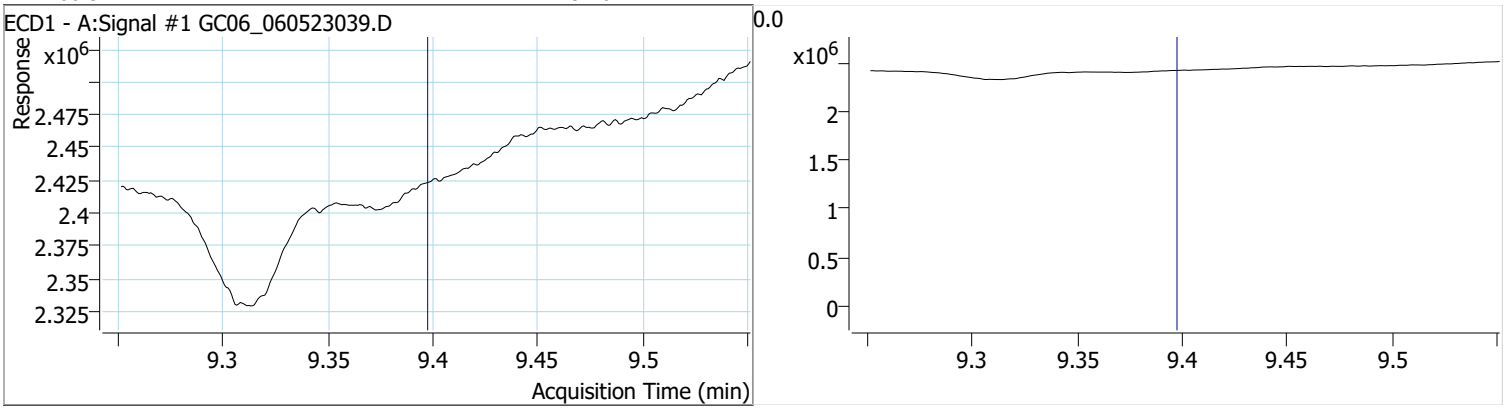
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	178.9487	8.28	-0.12	2110592				



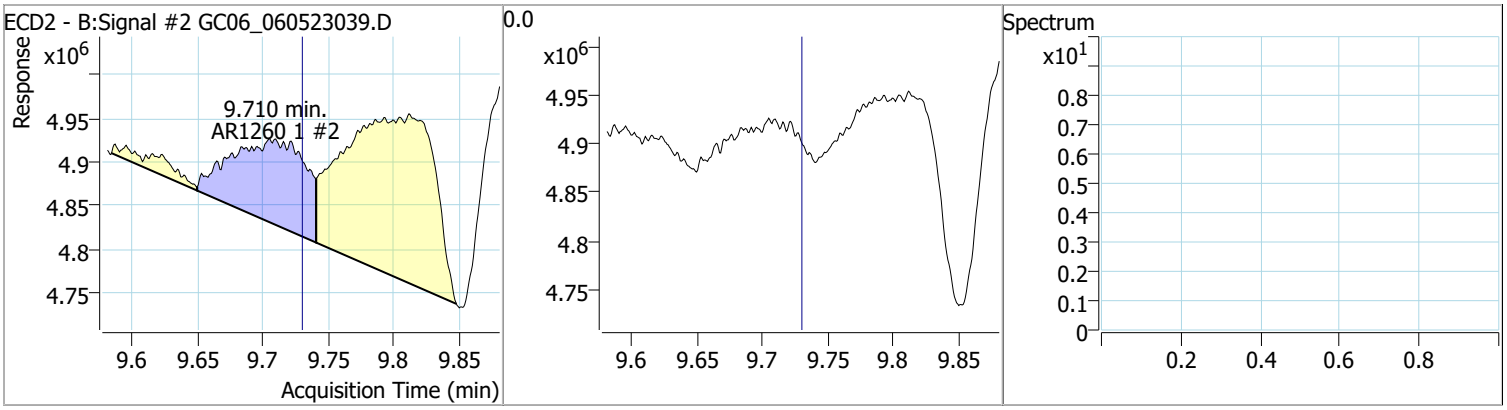
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	1.0747	8.86	-0.08	19350				



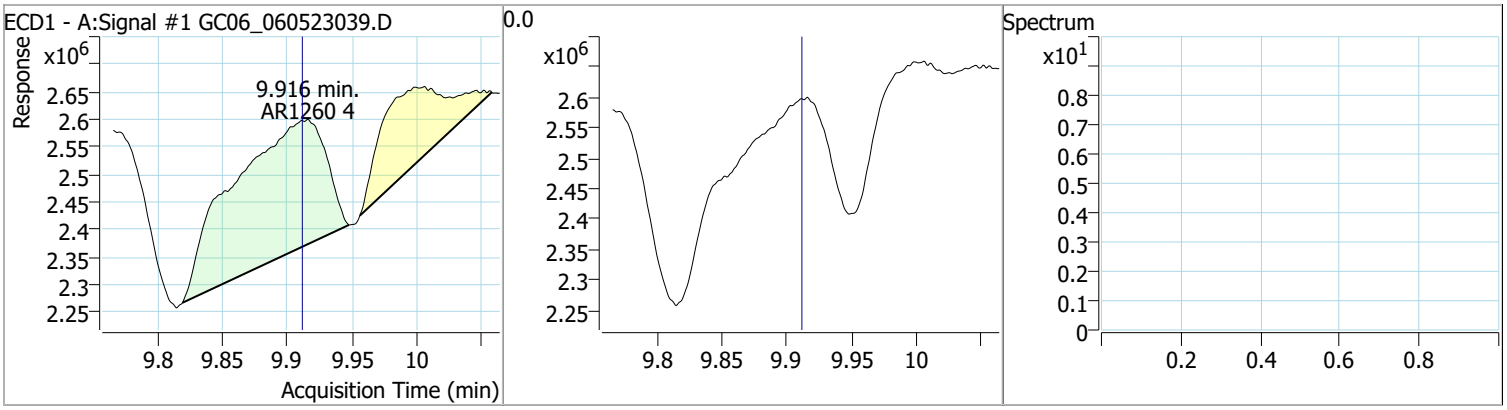
Compound	Conc.	Exp RT	QIon	Exp Ratio
AR1260 3	N.D.	9.40		



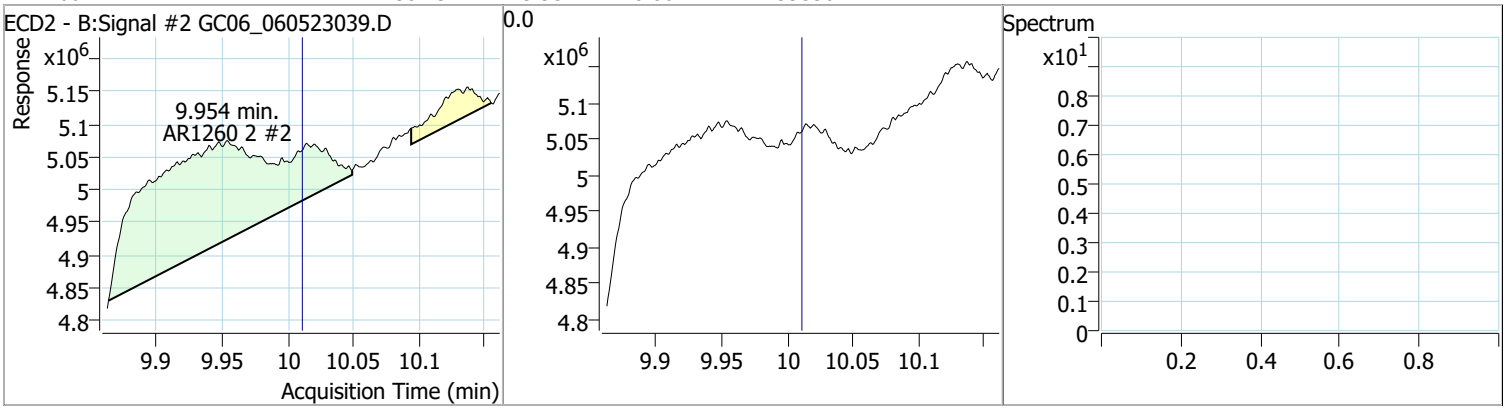
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1 #2	13.4752	9.71	-0.02	375944				



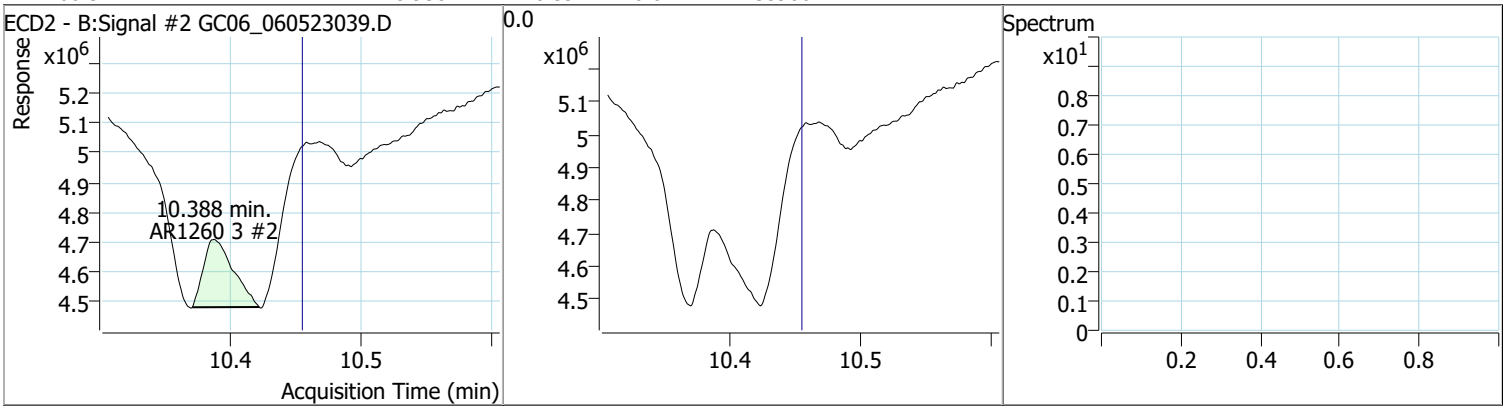
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4	116.5781	9.92	0.00	1221954				



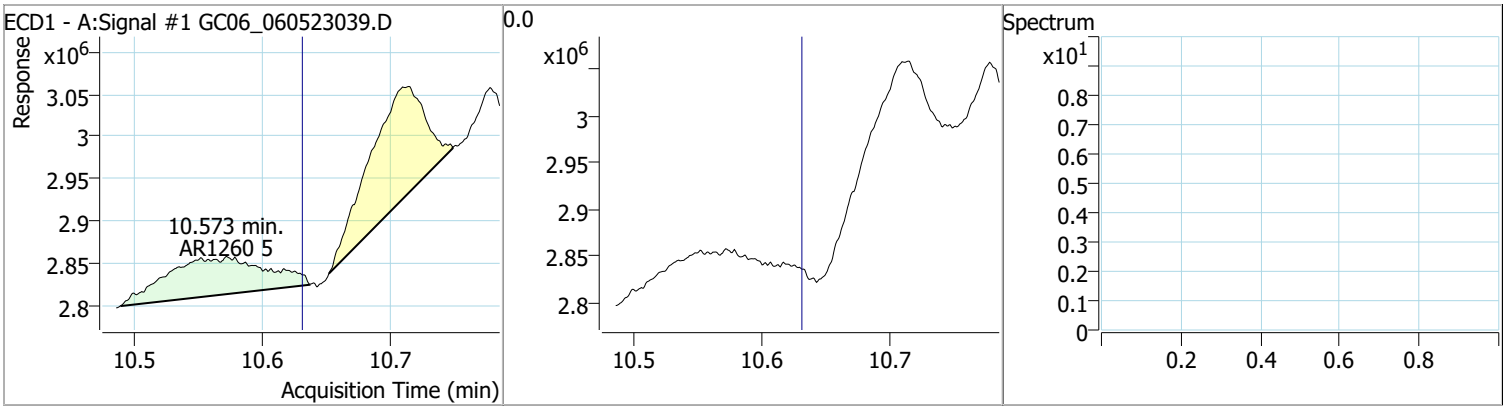
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	38.1342	9.95	-0.06	1199536				



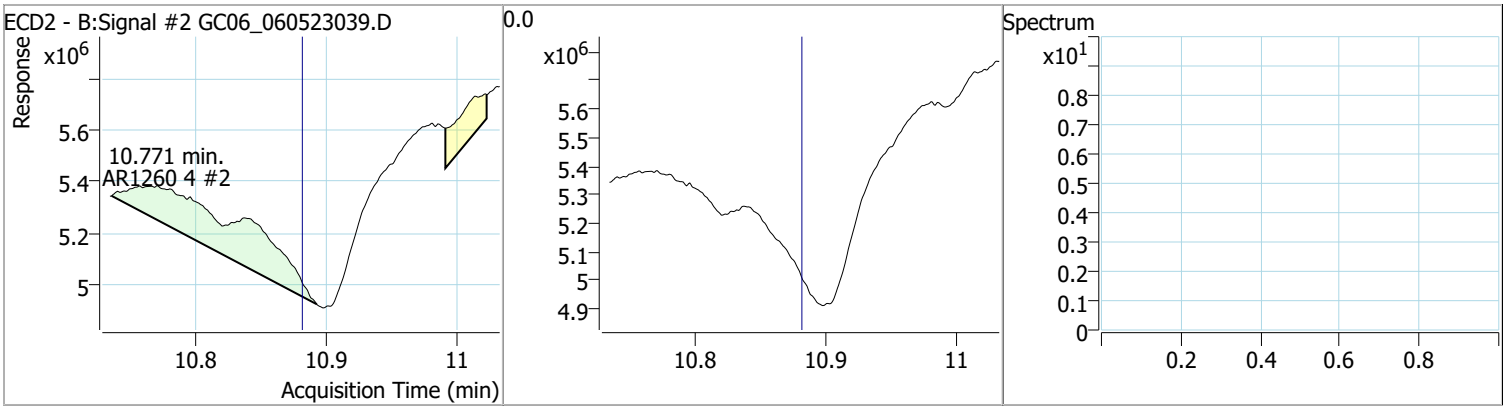
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3 #2	8.9384	10.39	-0.07	359802				



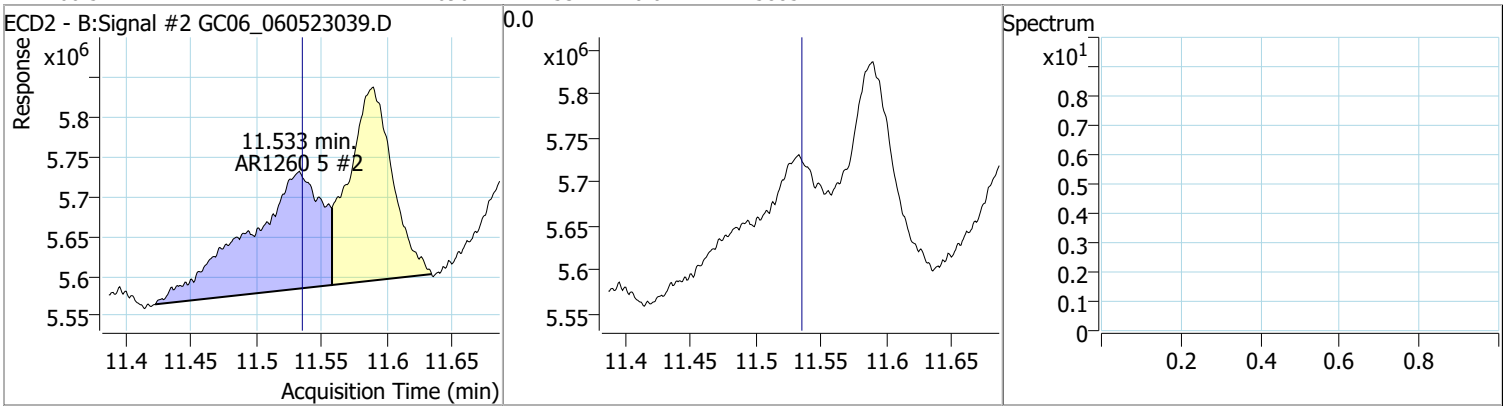
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	14.8586	10.57	-0.07	246262				



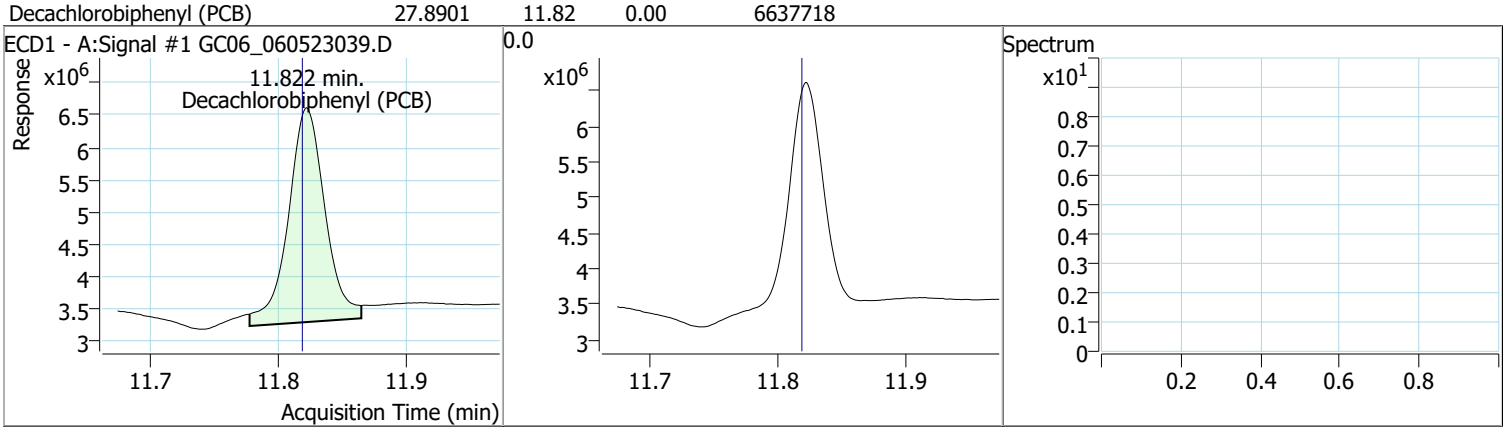
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	47.6304	10.77	-0.11	1119888				



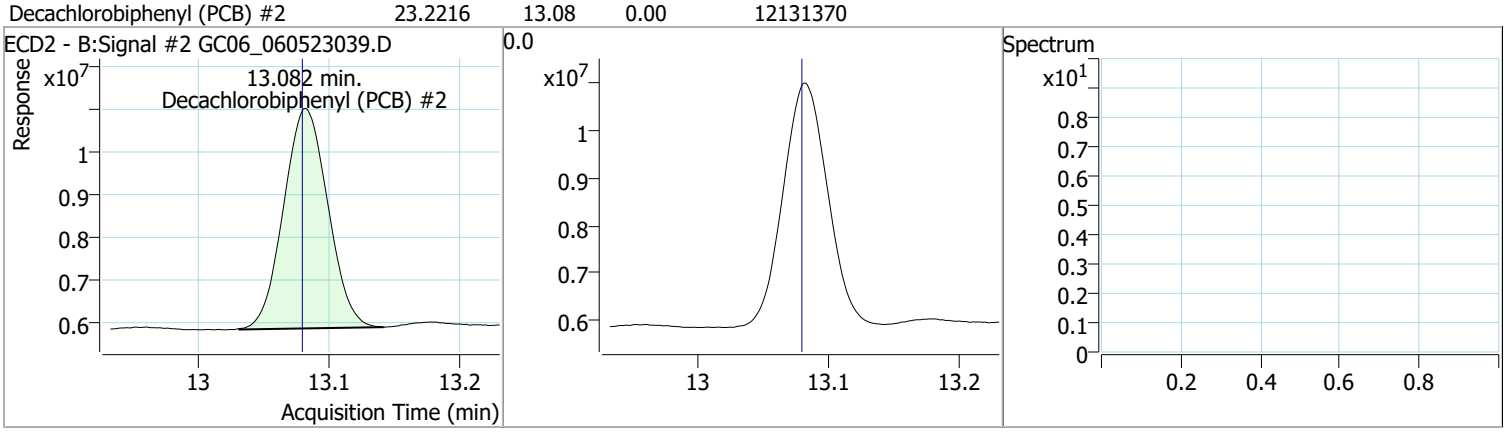
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	17.2690	11.53	-0.01	588521				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	27.8901	11.82	0.00	6637718				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	23.2216	13.08	0.00	12131370				



QC Raw Data

ENTHALPY BLANK USER REPORT FOR 486134 PCBS Wipe

EPA 8082

Inst:	SVOA-GC06	Lab ID:	QC1070657		
Seqnum:	453225344025.1	Matrix:	Wipe		
File:	gc06_060523025	Batch:	315386	Time:	05-JUN-2023 18:42
Cal:	453205686001	Caldate:	22-MAY-2023		
IDF:	1.0	Raw Units:	ug/L	Units:	ug/dm2

- 1.00 dm2 ⇨ 10.0 ml = 10.0 ml/dm2 PDF

Analyte	Ch	Raw	Result	Conf	RPD	RL	Flags
Aroclor-1016	B	18.28	ND	0.67	114%	0.50	u
Aroclor-1221	B		ND			0.50	u
Aroclor-1232	B		ND			0.50	u
Aroclor-1242	B		ND			0.50	u
Aroclor-1248	B		ND			0.50	u
Aroclor-1254	B		ND			0.50	u
Aroclor-1260	B	10.62	ND	0.52	132%	0.50	u
Aroclor-1262	B		ND			0.50	u
Aroclor-1268	B		ND			0.50	u

Surrogate	Ch	Raw	Spiked	Result	%Rec	Limits	Flags
TCMX (PCB)	B	35.05	0.5000	0.3505	70	19-121	c- u
Decachlorobiphenyl (PCB)	B	37.19	0.5000	0.3719	74	19-121	u

NO INTERNAL STANDARD REFERENCE RUN FOUND FOR
CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV(internal standard: 1BR2NITROBZ1268, 1BR2NITROBZ1262, 1BR2NITROBZ1232, 1BR2NITROBZ1242, 1BR2NITROBZ1221)

ISTD (CCV gc06_060523003)	Ch	CCV Abund	BLANK Abund	%Drift
1-bromo-2-nitrobenzene (PCB)	B	8992413	10119574	12.53
1-bromo-2-nitrobenzene (PCB)	A	3431466	3561619	3.79

ISTD (ICAL gc06_060523009)	Ch	ICAL Abund	BLANK Abund	%Drift
1-bromo-2-nitrobenzene (1254)	B	9894264	**???**	**-100.00 ***
1-bromo-2-nitrobenzene (1254)	A	3688197	**???**	**-100.00 ***

ISTD (ICAL gc06_060523010)	Ch	ICAL Abund	BLANK Abund	%Drift
1-bromo-2-nitrobenzene (1248)	A	3562631	**???**	**-100.00 ***
1-bromo-2-nitrobenzene (1248)	B	9640375	**???**	**-100.00 ***

NO INTERNAL STANDARD REFERENCE RUN FOUND FOR
CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV(internal standard: 1BR2NITROBZ1268, 1BR2NITROBZ1262, 1BR2NITROBZ1232, 1BR2NITROBZ1242, 1BR2NITROBZ1221)

ISTD (CCV gc06_060523003)	Ch	CCV RT	BLANK RT	Drift
1-bromo-2-nitrobenzene (PCB)	B	4.36	4.35	-0.01
1-bromo-2-nitrobenzene (PCB)	A	4.13	4.13	0.00

ISTD (ICAL gc06_060523009)	Ch	ICAL RT	BLANK RT	Drift
1-bromo-2-nitrobenzene (1254)	B	4.36	**???**	
1-bromo-2-nitrobenzene (1254)	A	4.13	**???**	

ISTD (ICAL gc06_060523010)	Ch	ICAL RT	BLANK RT	Drift
1-bromo-2-nitrobenzene (1248)	A	4.13	**???**	
1-bromo-2-nitrobenzene (1248)	B	4.36	**???**	

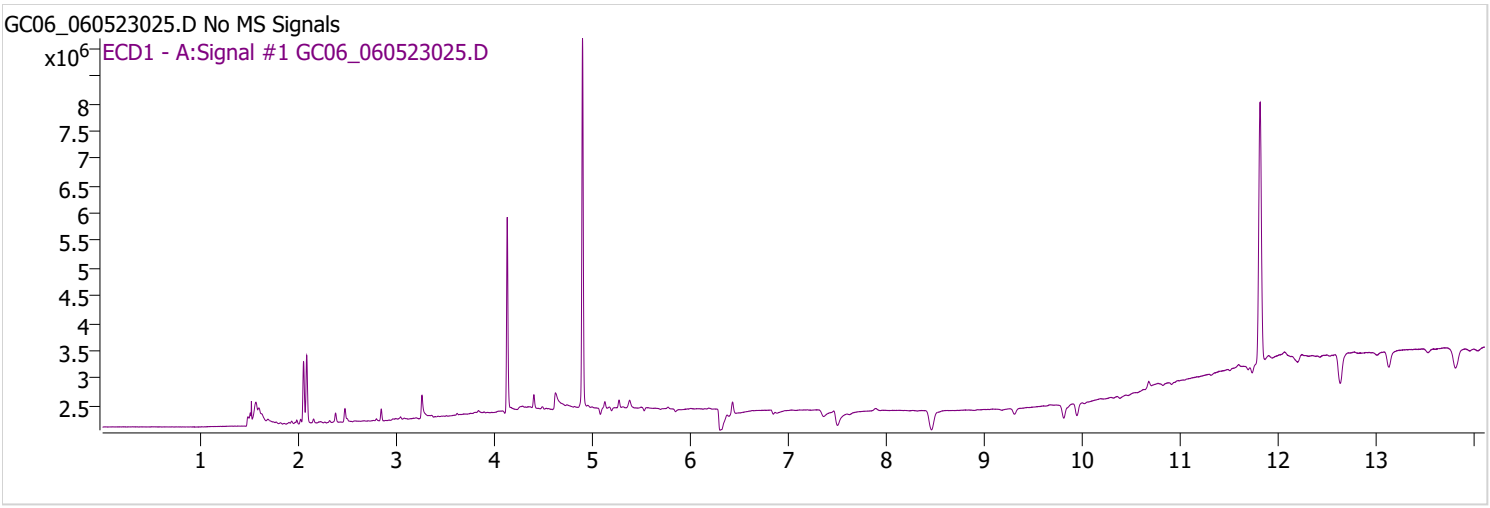
06/08/23 : WIPE/1DM^2-10ML [general version]

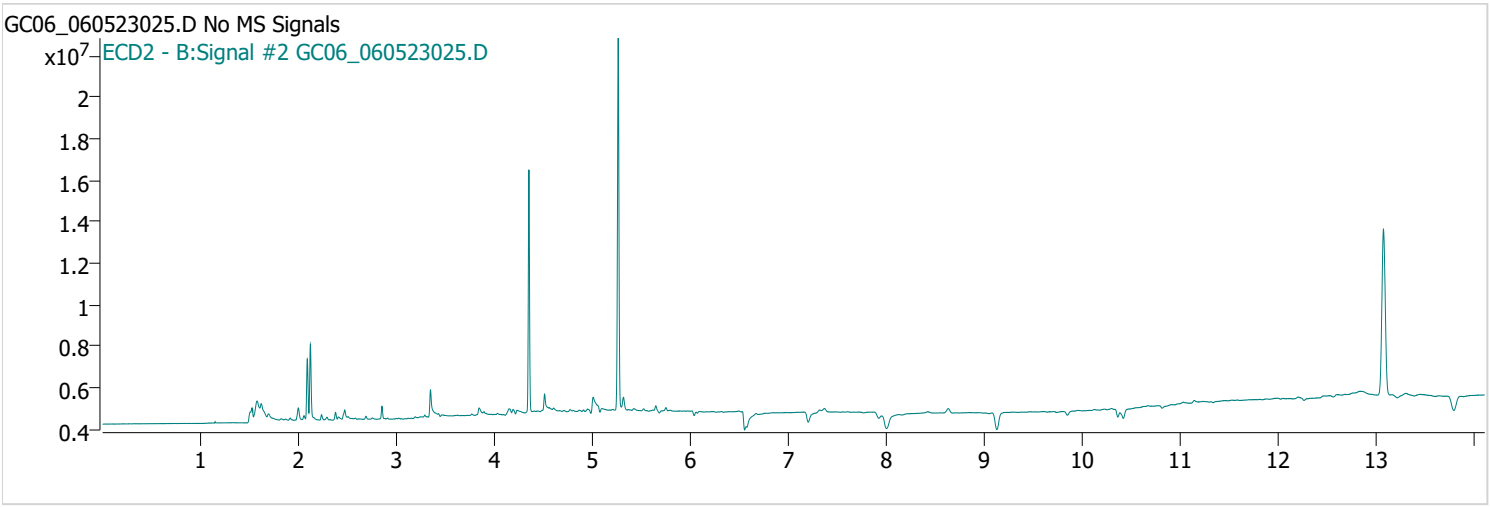
-=low bias c=CCV u=use

Analyst: MES 06/08/23 **Reviewer:** MTS 06/08/23

Quantitation Results Report (Not Reviewed)

Data File	GC06_060523025.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	6/5/2023 6:42:15 PM
Sample Name	QC1070657, 315386, 1	Instrument	SVOA-GC06
Vial	12	Multiplier	1.00
DA Method File	PCB_608_052323_GC06_9.m	Comment	WIPE/1DM^2-10ML
Tune File	ATUNE.U	Tune Date	
Batch Name	060523PCB.batch.bin	Last Calib Update	5/23/2023 1:46:10 PM
Ref Library			



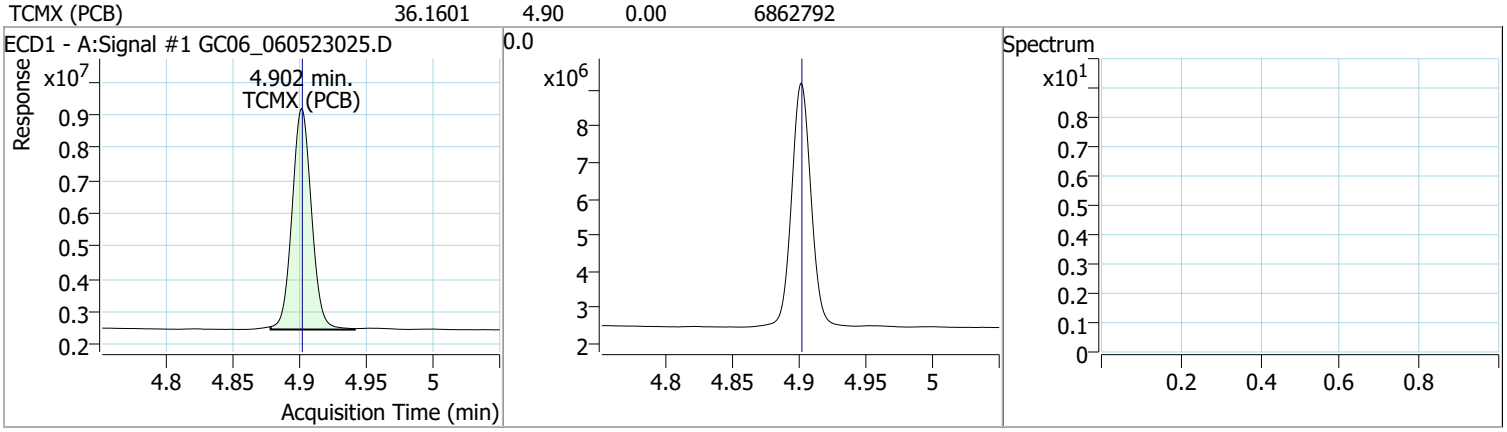


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1-bromo-2-nitrobenzene (PCB)	4.133	0.0	3561619.302	20.0000	ng/ml		-0.002
M 1-bromo-2-nitrobenzene (PCB) #2	4.354	0.0	10119573.835	20.0000	ng/ml		-0.001
System Monitoring Compounds							
S TCMX (PCB)	4.902	0.0	6862792.490	36.1601	ng/ml		-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 180.80%		*	
S TCMX (PCB) #2	5.266	0.0	18813142.030	35.0471	ng/ml		-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 175.24%		*	
S Decachlorobiphenyl (PCB)	11.821	0.0	9340840.899	39.3028	ng/ml		-0.005
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 196.51%		*	
S Decachlorobiphenyl (PCB) #2	13.080	0.0	19876520.249	37.1938	ng/ml		-0.004
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 185.97%		*	
Target Compounds							QValue

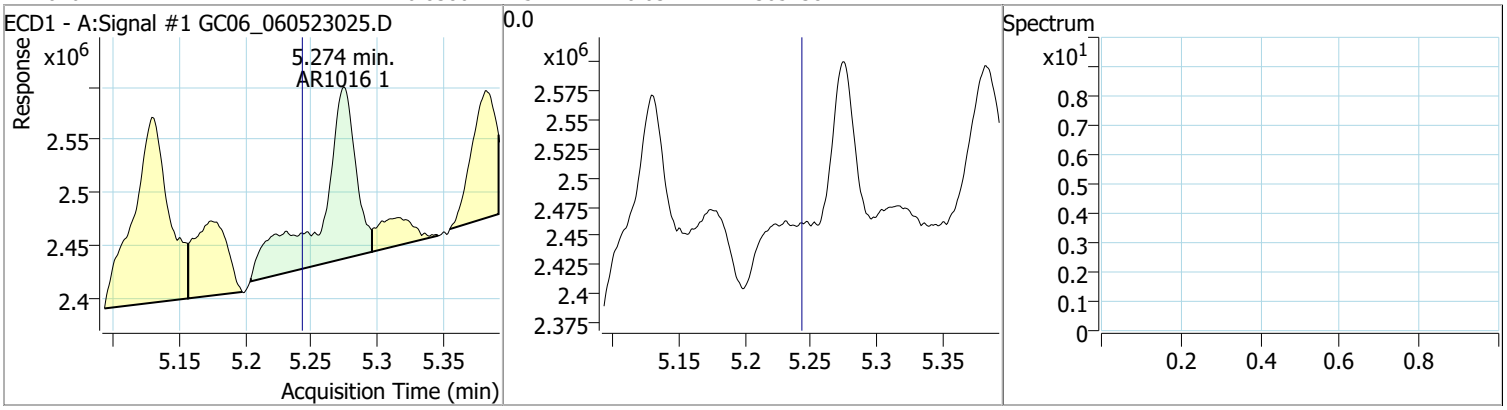
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T AR1016 1	5.274	0.0	305238.213	76.8380	ng/ml	100
T AR1016 2	5.566	0.0	313070.496	38.8188	ng/ml	100
T AR1016 1 #2	5.753	0.0	773493.396	73.3832	ng/ml	100
T AR1016 3	6.008	0.0	67170.881	6.5163	ng/ml	100
T AR1016 2 #2	6.119	0.0	183855.215	7.7650	ng/ml	100
T AR1016 4	6.151	0.0	13423.843	2.1606	ng/ml	100
T AR1016 5	6.433	0.0	995731.972	209.5476	ng/ml	100
T AR1016 3 #2	6.673	0.0	59332.098	2.0825	ng/ml	100
T AR1016 4 #2	6.852	0.0	145955.081	7.1176	ng/ml	100
T AR1016 5 #2	6.993	0.0	11650.432	1.0651	ng/ml	100
T AR1260 1	8.278	0.0	1586528.582	134.7034	ng/ml	100
T AR1260 2	8.936	0.0	13105.211	0.7289	ng/ml	100
T AR1260 3	9.268	0.0	48360.914	2.5172	ng/ml	100
T AR1260 1 #2	9.716	0.0	252803.269	8.8581	ng/ml	100
T AR1260 4	9.911	0.0	1254051.523	119.8075	ng/ml	100
T AR1260 2 #2	9.960	0.0	797431.924	24.7823	ng/ml	100
T AR1260 3 #2	10.388	0.0	419081.434	10.1775	ng/ml	100
T AR1260 5	10.633	0.0	17062.724	1.0309	ng/ml	100
T AR1260 4 #2	10.920	0.0	155218.209	6.4536	ng/ml	100
T AR1260 5 #2	11.536	0.0	97827.251	2.8062	ng/ml	100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

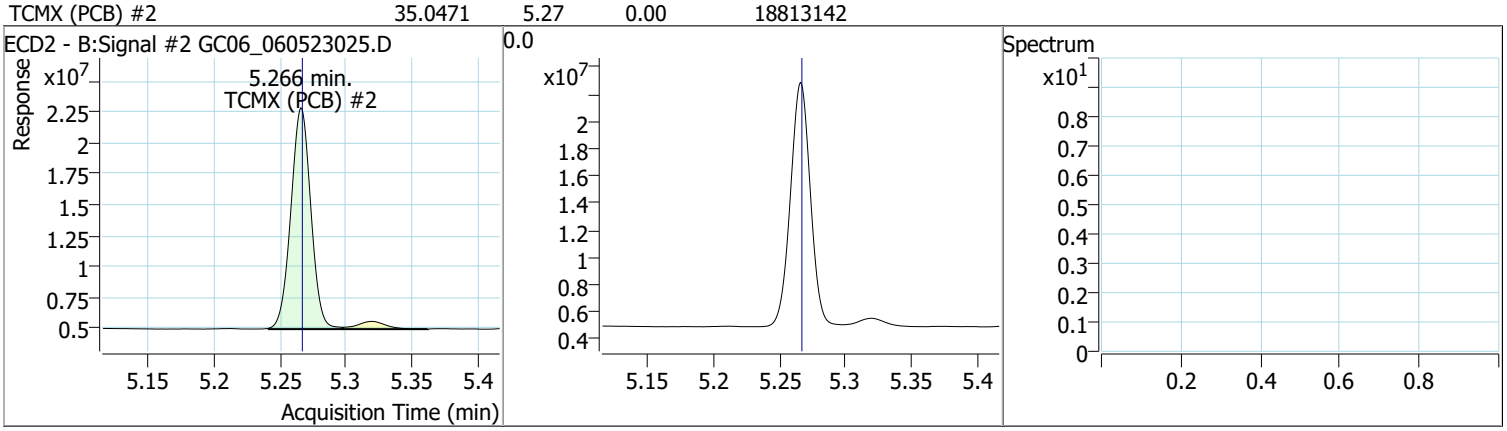
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	36.1601	4.90	0.00	6862792				



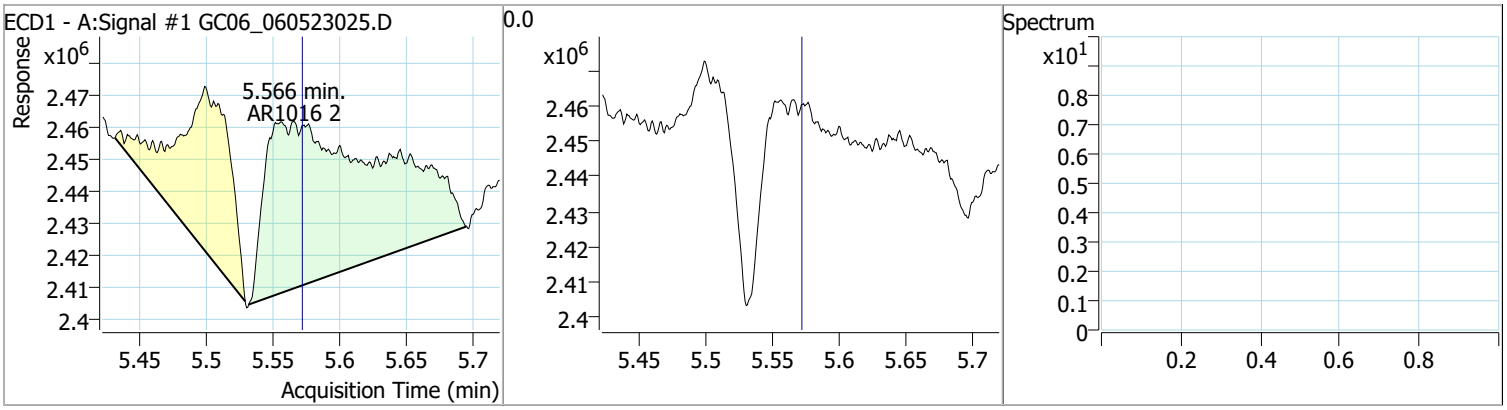
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	76.8380	5.27	0.03	305238				



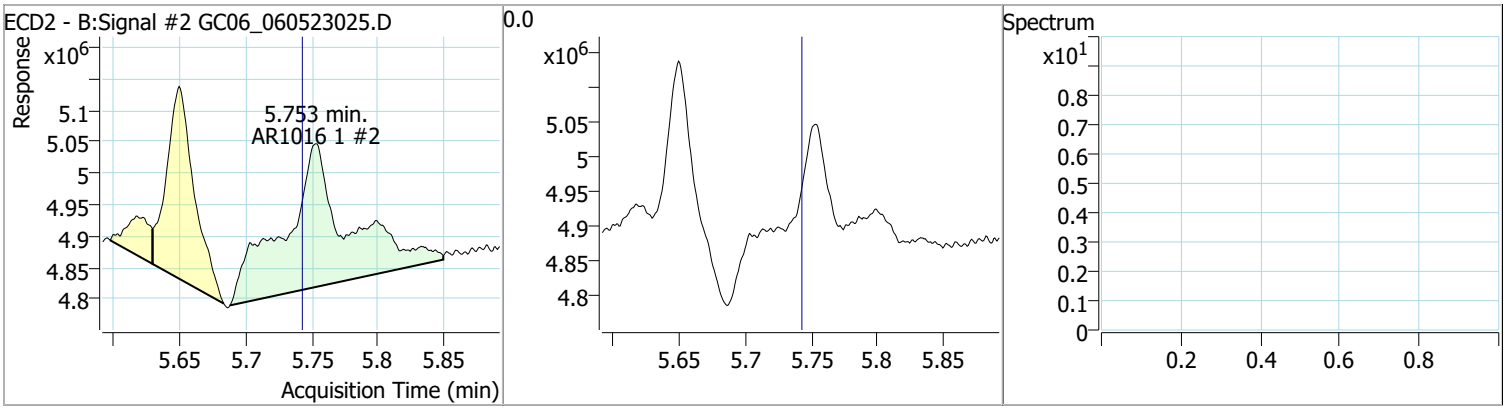
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB) #2	35.0471	5.27	0.00	18813142				



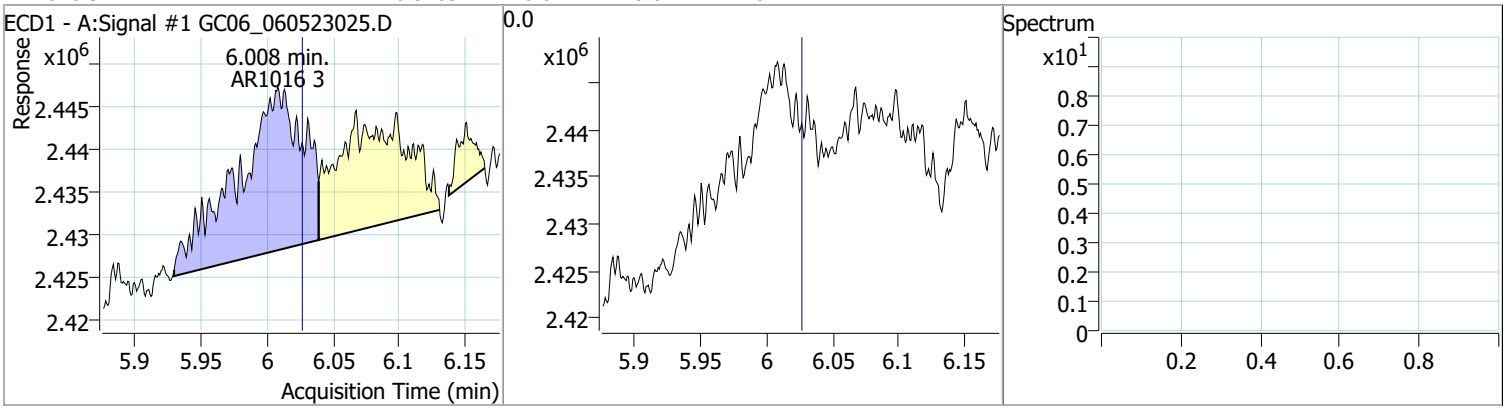
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	38.8188	5.57	-0.01	313070				



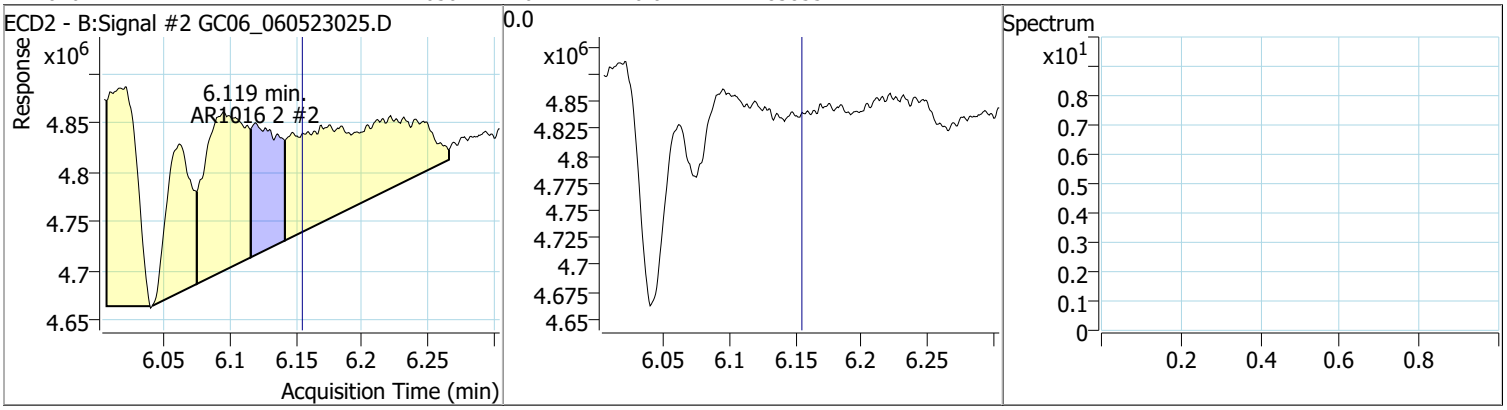
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1 #2	73.3832	5.75	0.01	773493				



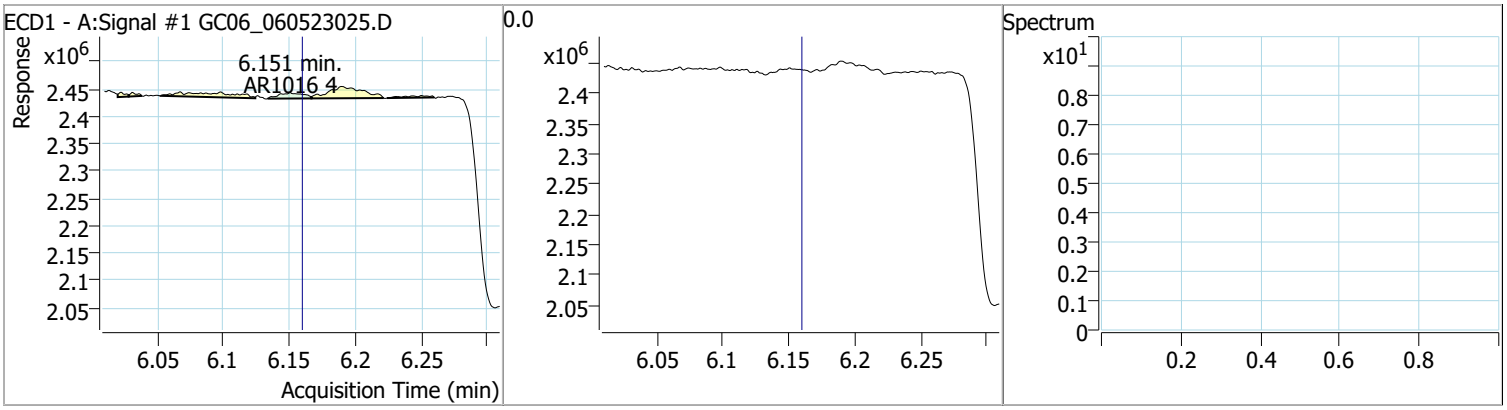
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	6.5163	6.01	-0.02	67171				



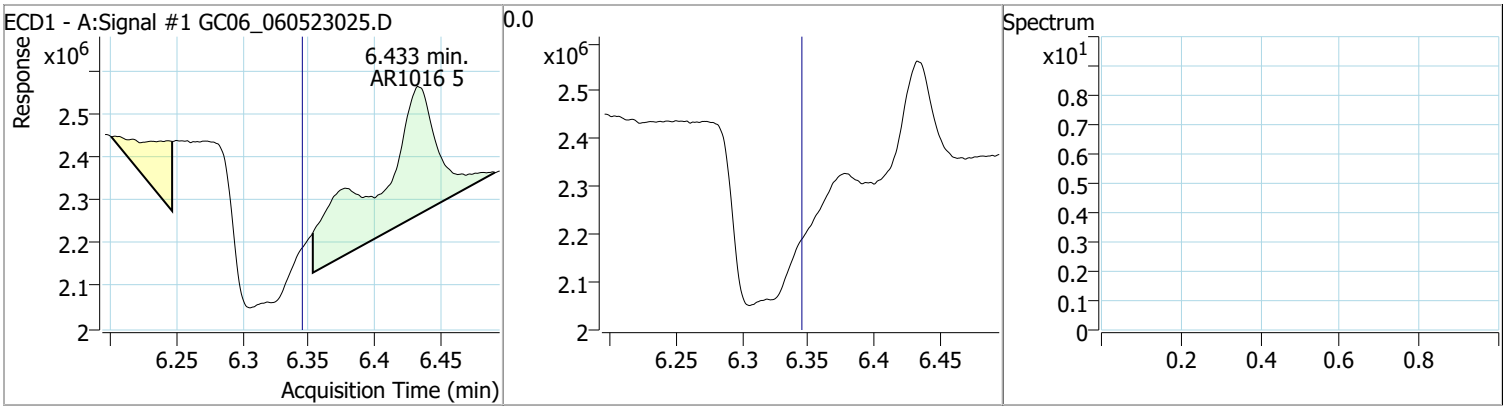
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	7.7650	6.12	-0.04	183855				



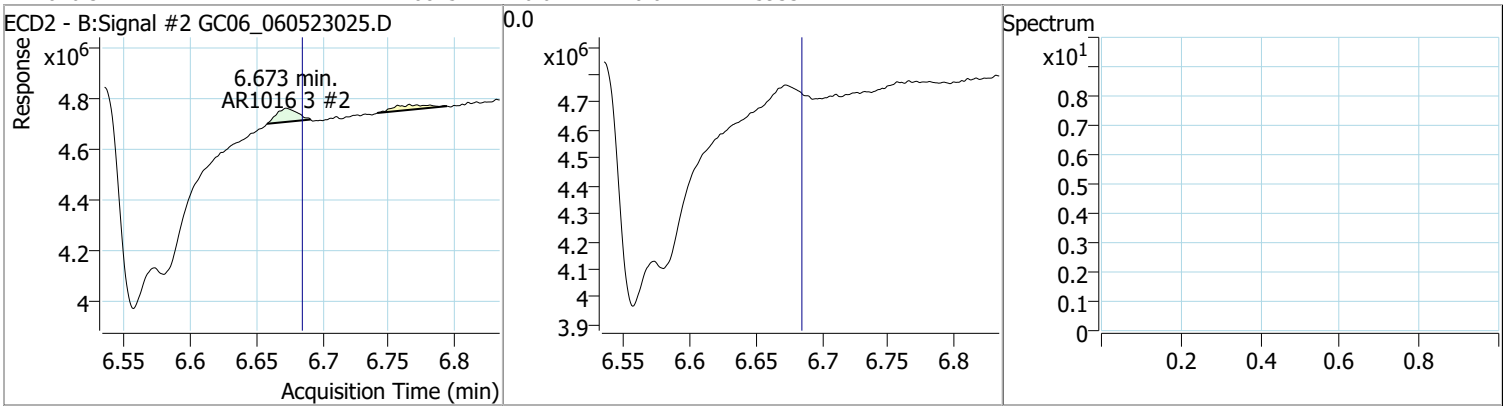
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4	2.1606	6.15	-0.01	13424				



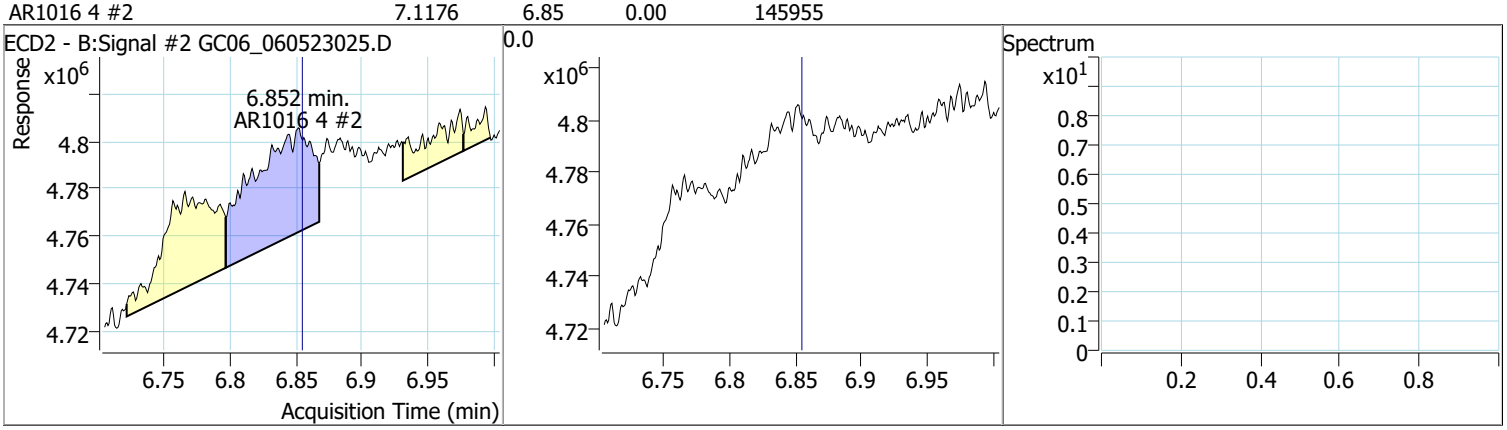
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	209.5476	6.43	0.09	995732				



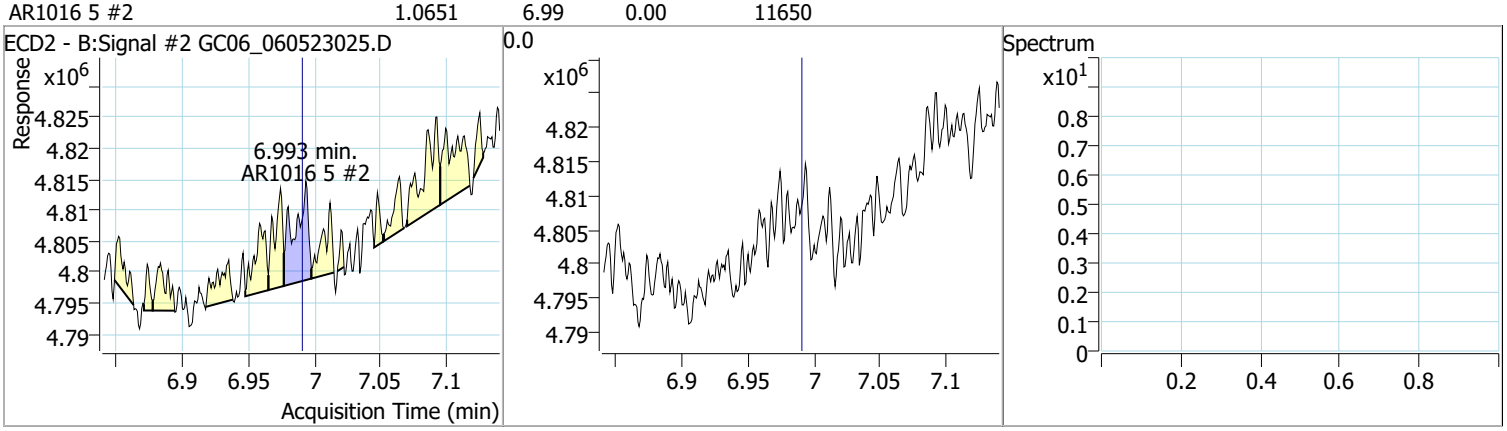
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	2.0825	6.67	-0.01	59332				



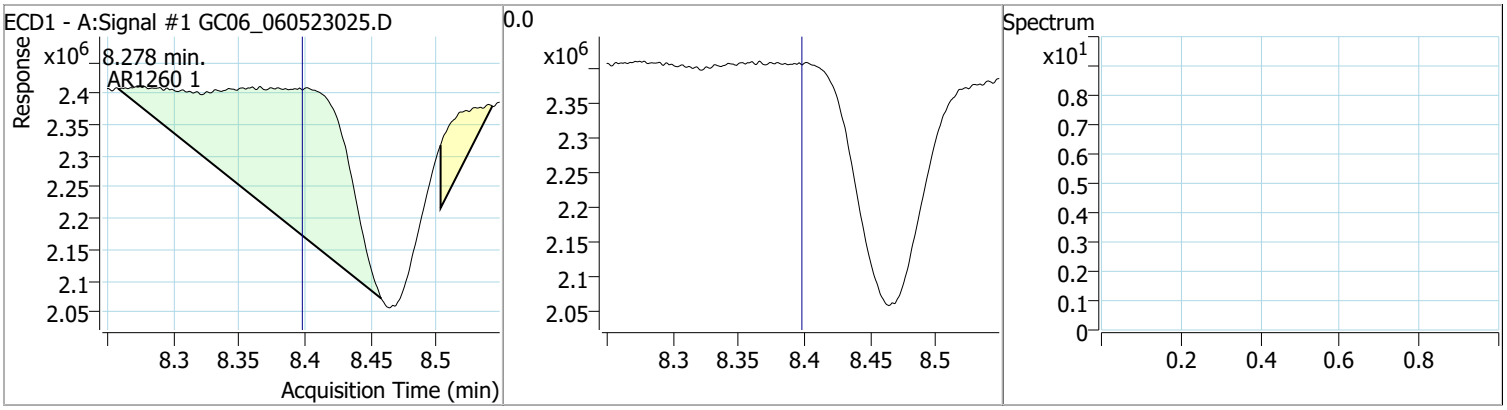
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4 #2	7.1176	6.85	0.00	145955				



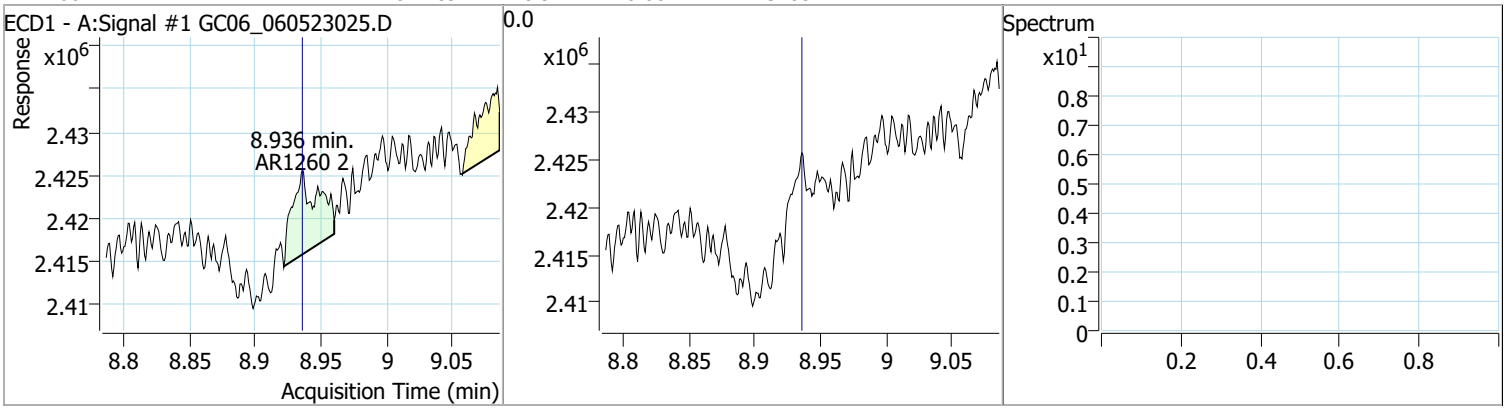
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	1.0651	6.99	0.00	11650				



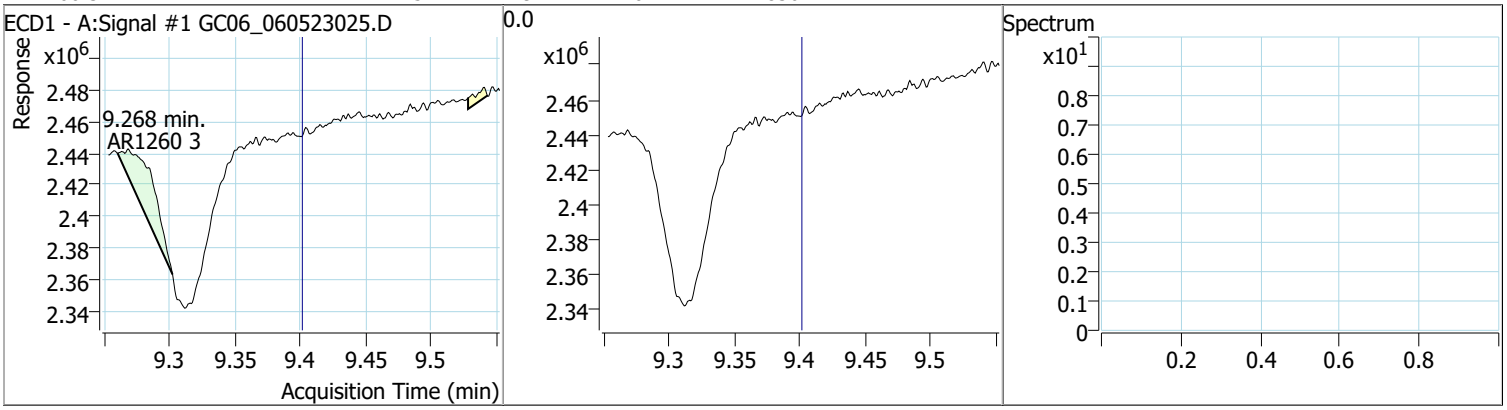
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	134.7034	8.28	-0.12	1586529				



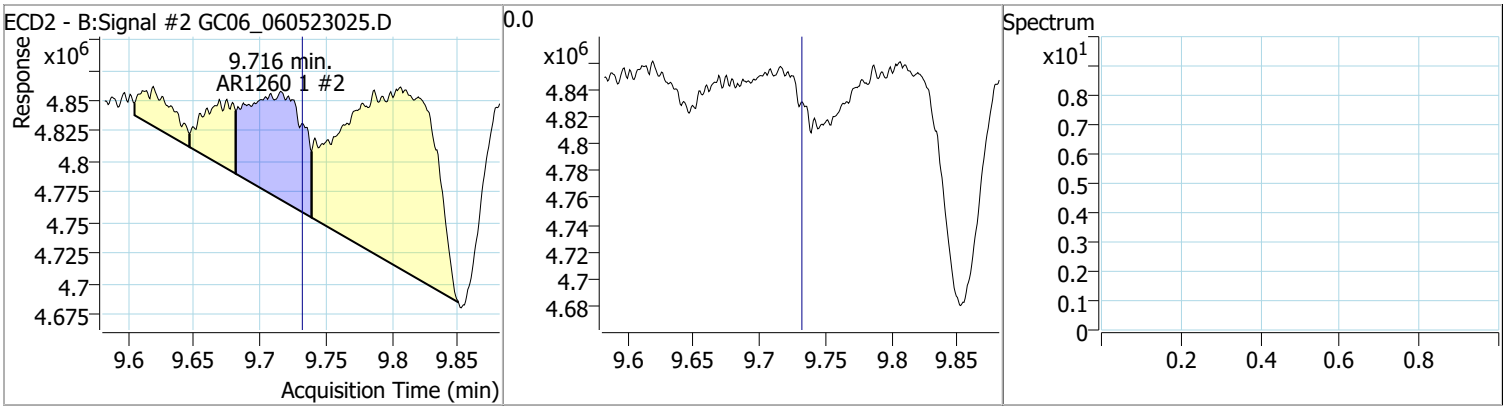
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	0.7289	8.94	0.00	13105				



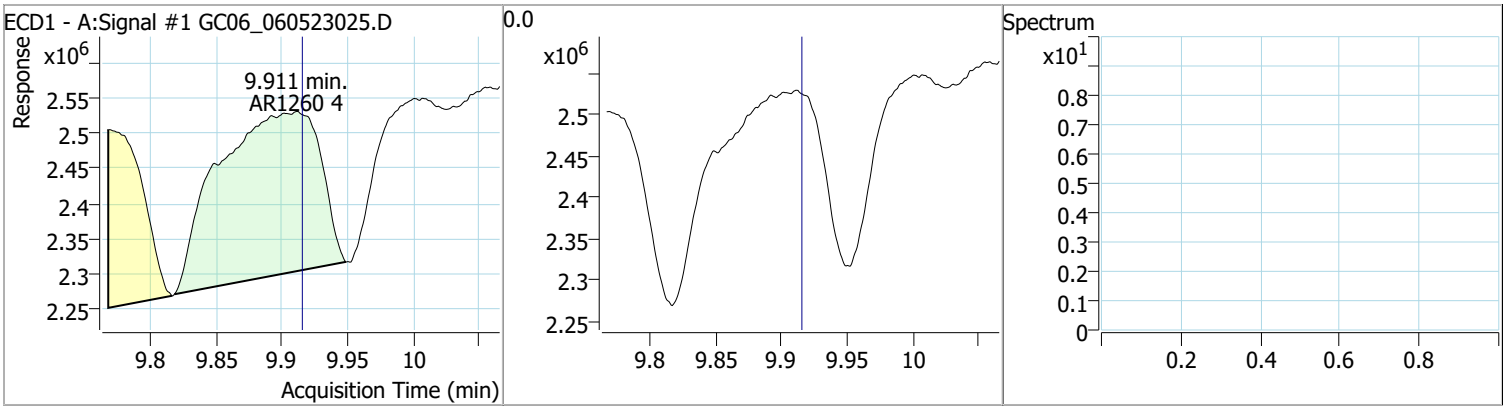
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3	2.5172	9.27	-0.14	48361				



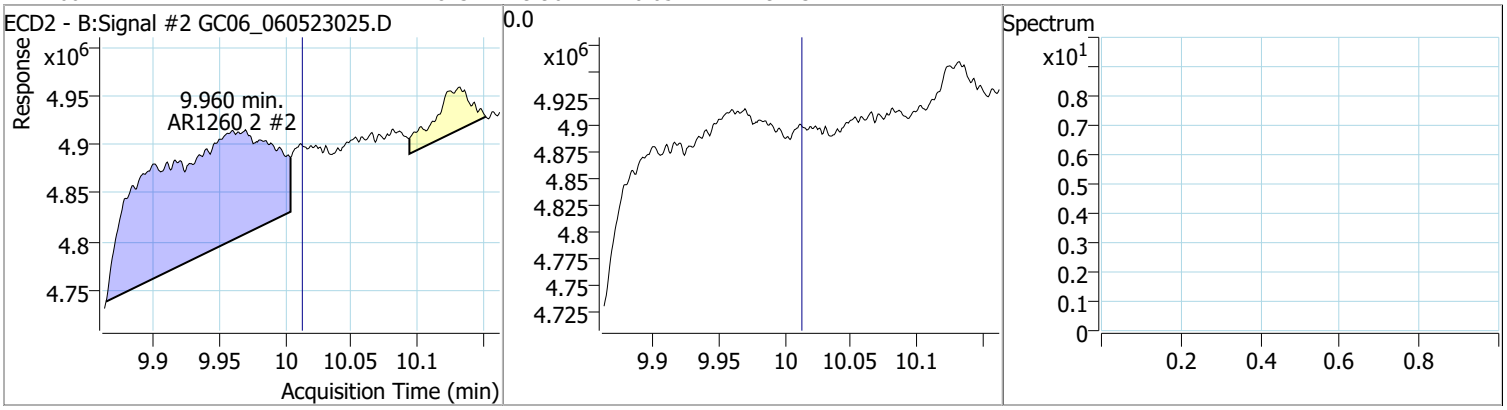
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1 #2	8.8581	9.72	-0.02	252803				



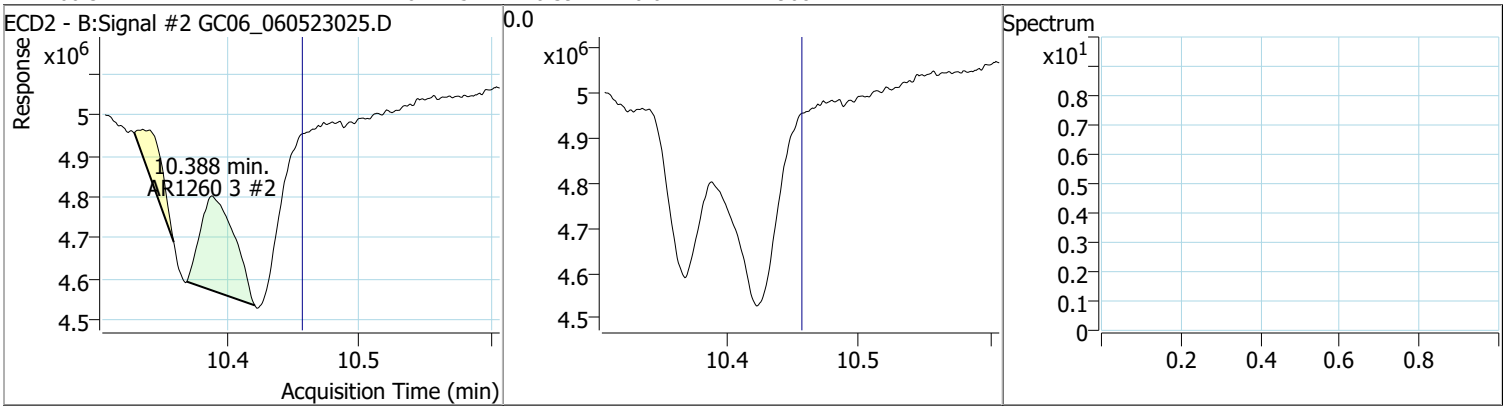
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4	119.8075	9.91	-0.01	1254052				



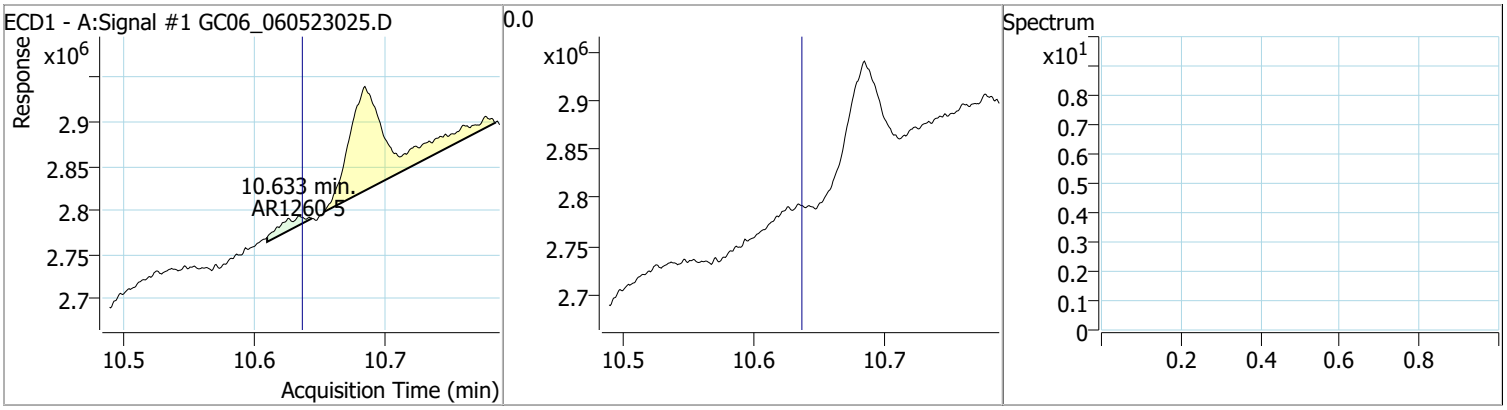
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	24.7823	9.96	-0.05	797432				



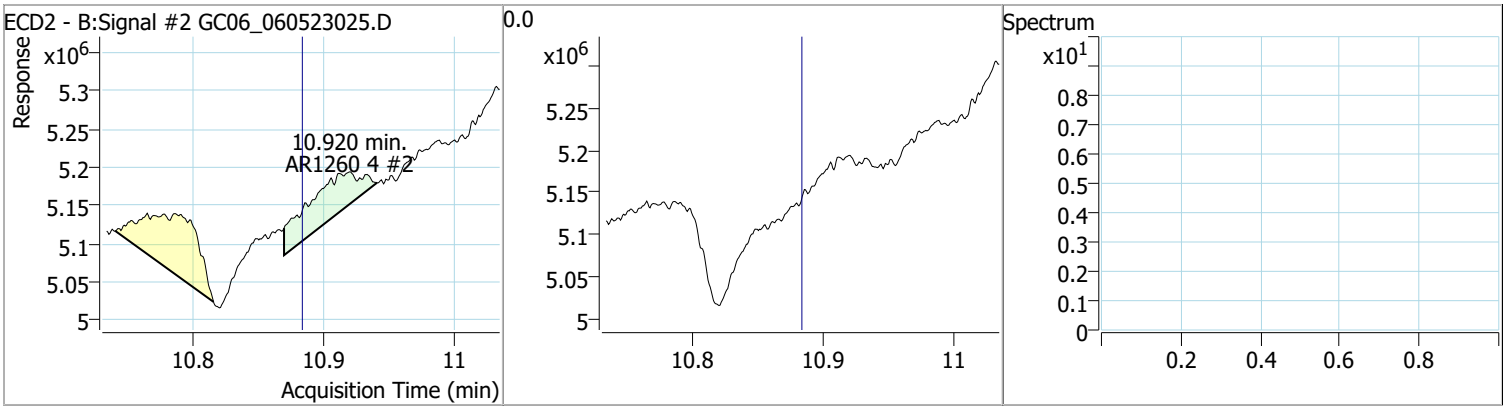
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3 #2	10.1775	10.39	-0.07	419081				



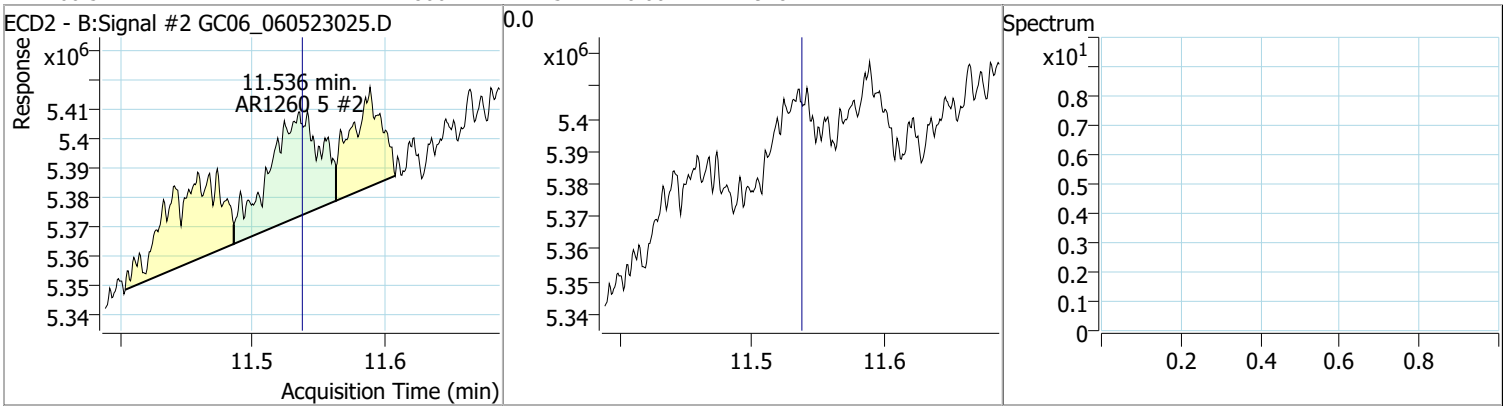
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	1.0309	10.63	-0.01	17063				



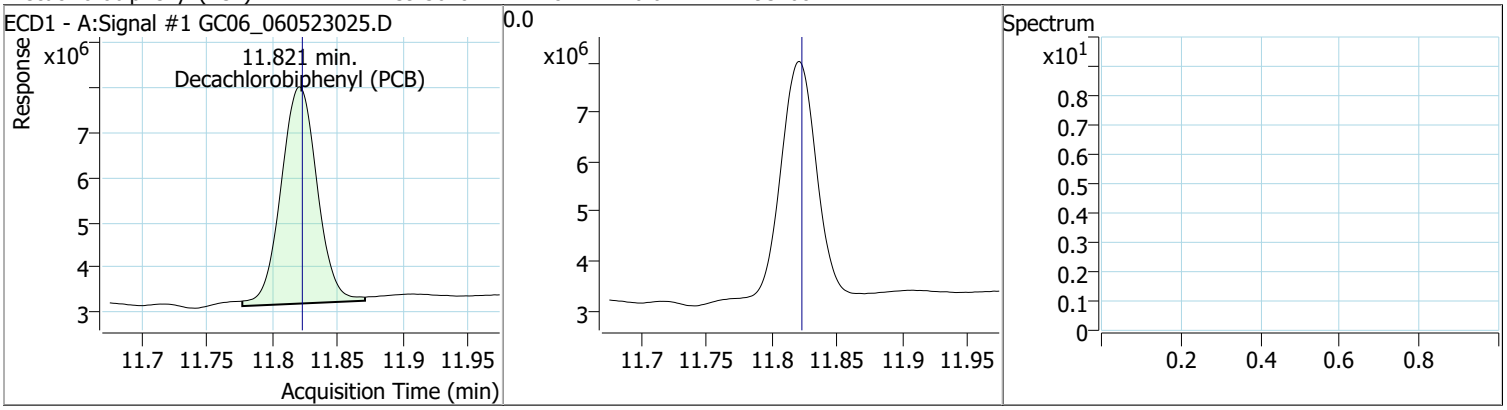
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	6.4536	10.92	0.04	155218				



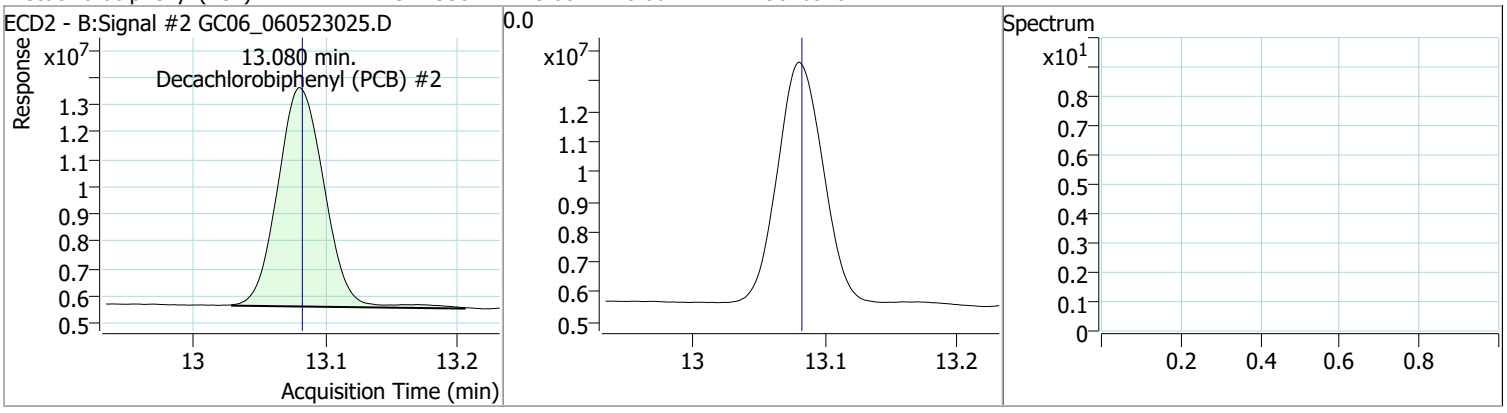
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	2.8062	11.54	0.00	97827				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	39.3028	11.82	-0.01	9340841				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	37.1938	13.08	0.00	19876520				



ENTHALPY SPIKE USER REPORT FOR 486134 PCBS Wipe

EPA 8082

Type:	BS	Type:	BSD
Inst:	SVOA-GC06	Inst:	SVOA-GC06
Seqnum:	453225344026.3	Seqnum:	453225344027.3
File:	gc06_060523026	File:	gc06_060523027
IDF:	1.0	IDF:	1.0
Lab ID:	QC1070658	Lab ID:	QC1070659
Matrix:	Wipe	Matrix:	Wipe
Batch:	315386	Batch:	315386
Time:	05-JUN-2023 19:00	Time:	05-JUN-2023 19:18
Cal:	453205686001	Cal:	453205686001
Units:	ug/dm2		

- BS: 1.00 dm2 ⇨ 10.0 ml = 10.0 ml/dm2 PDF
- BSD: 1.00 dm2 ⇨ 10.0 ml = 10.0 ml/dm2 PDF

Analyte	Spiked	BS Raw	BS Result	Ch	%Rec	BSD Raw	BSD Result	Ch	%Rec	Limits	RPD	Lim	Flags
Aroclor-1016	5.000	400.8	4.008	B	80	383.0	3.830	B	77	60-140	5	20	u
Aroclor-1016 Peak # 1		420.5	4.205	B		373.3	3.733	B					
Aroclor-1016 Peak # 2		386.1	3.861	B		371.6	3.716	B					
Aroclor-1016 Peak # 3		368.4	3.684	B		380.3	3.803	B					
Aroclor-1016 Peak # 4		378.5	3.785	B		361.4	3.614	B					
Aroclor-1016 Peak # 5		450.2	4.502	B		428.3	4.283	B					
Aroclor-1260	5.000	392.6	3.926	B	79	368.5	3.685	B	74	60-140	6	20	u
Aroclor-1260 Peak # 1		397.0	3.970	B		376.6	3.766	B					
Aroclor-1260 Peak # 2		420.9	4.209	B		395.3	3.953	B					
Aroclor-1260 Peak # 3		374.1	3.741	B		347.3	3.473	B					
Aroclor-1260 Peak # 4		363.4	3.634	B		339.2	3.392	B					
Aroclor-1260 Peak # 5		407.7	4.077	B		383.9	3.839	B					
Surrogates													
TCMX (PCB)	0.5000	37.02	0.3702	B	74	35.01	0.3501	B	70	19-121			c- u
Decachlorobiphenyl (PCB)	0.5000	38.39	0.3839	B	77	36.03	0.3603	B	72	19-121			u

ISTD (CCV gc06_060523003)	Ch	CCV Abund	BS Abund	%Drift
1-bromo-2-nitrobenzene (PCB)	B	8992413	10199910	13.43
1-bromo-2-nitrobenzene (PCB)	A	3431466	3480437	1.43

ISTD (CCV gc06_060523003)	Ch	CCV RT	BS RT	Drift
1-bromo-2-nitrobenzene (PCB)	B	4.36	4.36	0.00
1-bromo-2-nitrobenzene (PCB)	A	4.13	4.13	0.00

ISTD (CCV gc06_060523003)	Ch	CCV Abund	BSD Abund	%Drift
1-bromo-2-nitrobenzene (PCB)	B	8992413	10134386	12.70
1-bromo-2-nitrobenzene (PCB)	A	3431466	3394593	-1.07

ISTD (CCV gc06_060523003)	Ch	CCV RT	BSD RT	Drift
1-bromo-2-nitrobenzene (PCB)	B	4.36	4.35	-0.01
1-bromo-2-nitrobenzene (PCB)	A	4.13	4.13	0.00

06/08/23 : WIPE/1DM^2-10ML [general version]

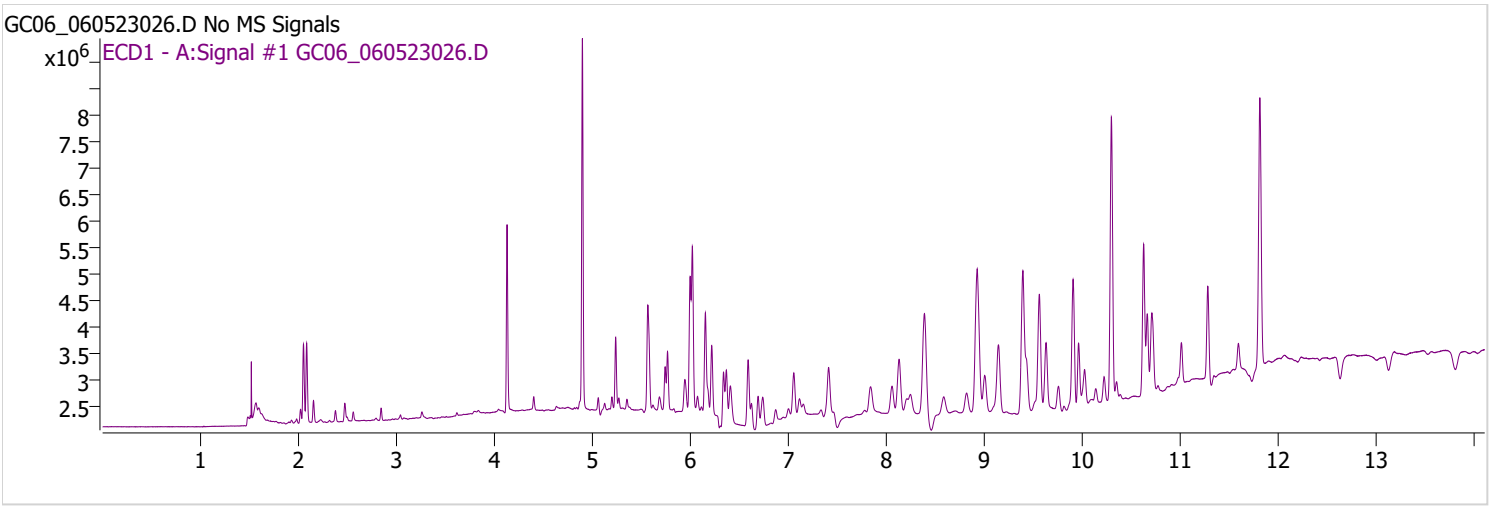
-=low bias c=CCV u=use

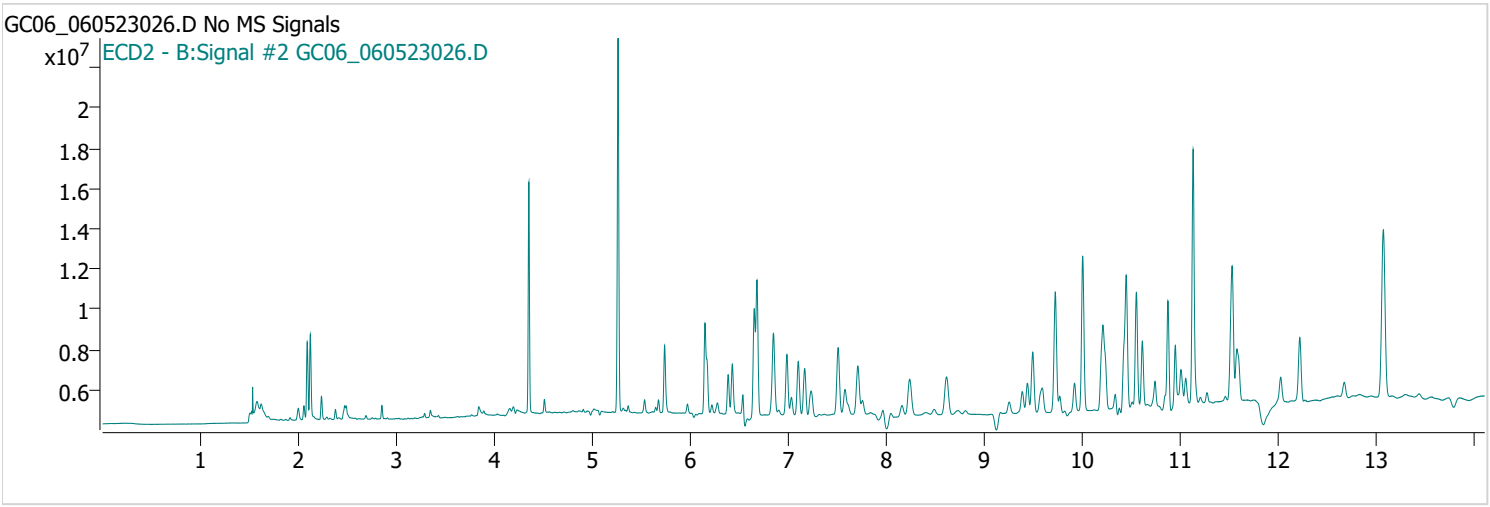
Analyst: MES 06/08/23 *

Reviewer: MTS 06/08/23

Quantitation Results Report (Not Reviewed)

Data File	GC06_060523026.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	6/5/2023 7:00:35 PM
Sample Name	QC1070658, 315386, 1	Instrument	SVOA-GC06
Vial	13	Multiplier	1.00
DA Method File	PCB_608_052323_GC06_9.m	Comment	WIPE/1DM^2-10ML
Tune File	ATUNE.U	Tune Date	
Batch Name	060523PCB.batch.bin	Last Calib Update	5/23/2023 1:46:10 PM
Ref Library			



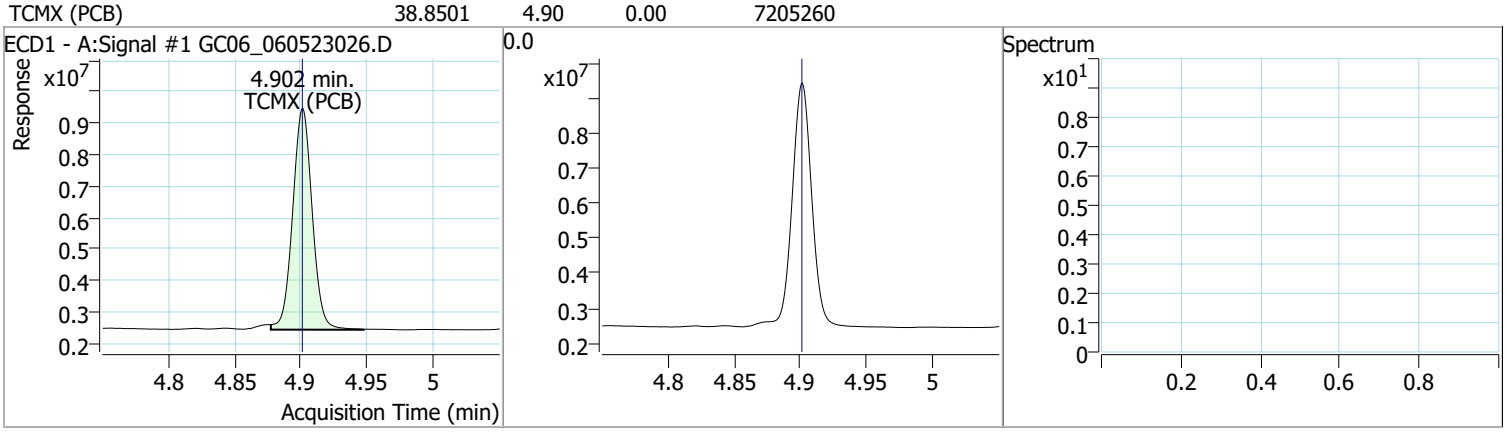


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1-bromo-2-nitrobenzene (PCB)	4.132	0.0	3480437.442	20.0000	ng/ml		-0.002
M 1-bromo-2-nitrobenzene (PCB) #2	4.355	0.0	10199909.818	20.0000	ng/ml		0.000
System Monitoring Compounds							
S TCMX (PCB)	4.902	0.0	7205260.255	38.8501	ng/ml		-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 194.25%		*	
S TCMX (PCB) #2	5.266	0.0	20029571.875	37.0193	ng/ml		-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 185.10%		*	
S Decachlorobiphenyl (PCB)	11.821	0.0	10279744.189	44.2622	ng/ml		-0.005
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 221.31%		*	
S Decachlorobiphenyl (PCB) #2	13.083	0.0	20680100.480	38.3927	ng/ml		-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 191.96%		*	
Target Compounds							QValue

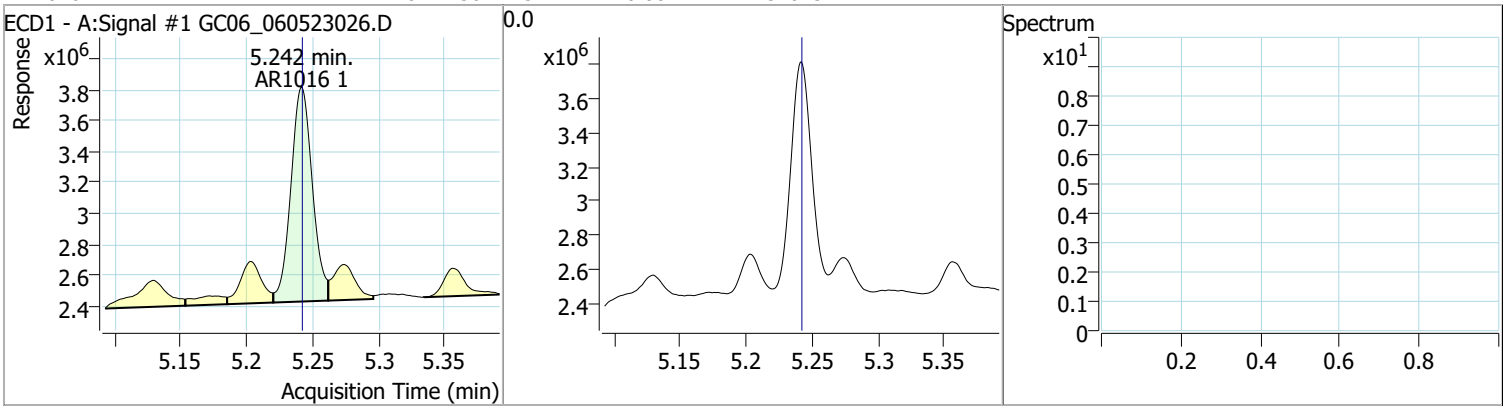
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T AR1016 1	5.242	0.0	1570151.448	404.4756	ng/ml	100
T AR1016 2	5.570	0.0	3443499.907	436.9321	ng/ml	100
T AR1016 1 #2	5.742	0.0	4467971.932	420.5490	ng/ml	100
T AR1016 3	6.024	0.0	4204423.807	417.3861	ng/ml	100
T AR1016 2 #2	6.154	0.0	9215224.418	386.1317	ng/ml	100
T AR1016 4	6.158	0.0	3387140.204	557.8753	ng/ml	100
T AR1016 5	6.343	0.0	1371229.712	295.3005	ng/ml	100
T AR1016 3 #2	6.685	0.0	10580124.958	368.4252	ng/ml	100
T AR1016 4 #2	6.853	0.0	7822737.961	378.4772	ng/ml	100
T AR1016 5 #2	6.991	0.0	4964145.734	450.2565	ng/ml	100
T AR1260 1	8.395	0.0	5771699.811	501.4736	ng/ml	100
T AR1260 2	8.934	0.0	7486370.234	426.0791	ng/ml	100
T AR1260 3	9.401	0.0	6951600.945	370.2688	ng/ml	100
T AR1260 1 #2	9.732	0.0	11421492.189	397.0525	ng/ml	100
T AR1260 4	9.913	0.0	4553098.754	445.1327	ng/ml	100
T AR1260 2 #2	10.012	0.0	13652439.131	420.9445	ng/ml	100
T AR1260 3 #2	10.456	0.0	15525728.530	374.0755	ng/ml	100
T AR1260 5	10.634	0.0	4546915.720	281.1367	ng/ml	100
T AR1260 4 #2	10.883	0.0	8810601.238	363.4370	ng/ml	100
T AR1260 5 #2	11.538	0.0	14327511.405	407.7468	ng/ml	100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

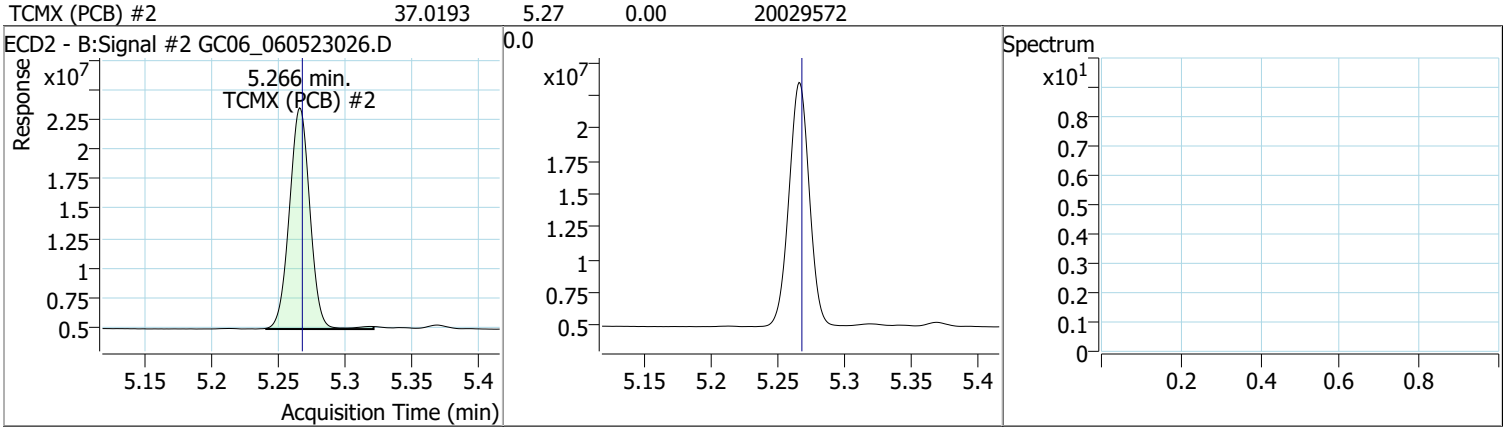
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	38.8501	4.90	0.00	7205260				



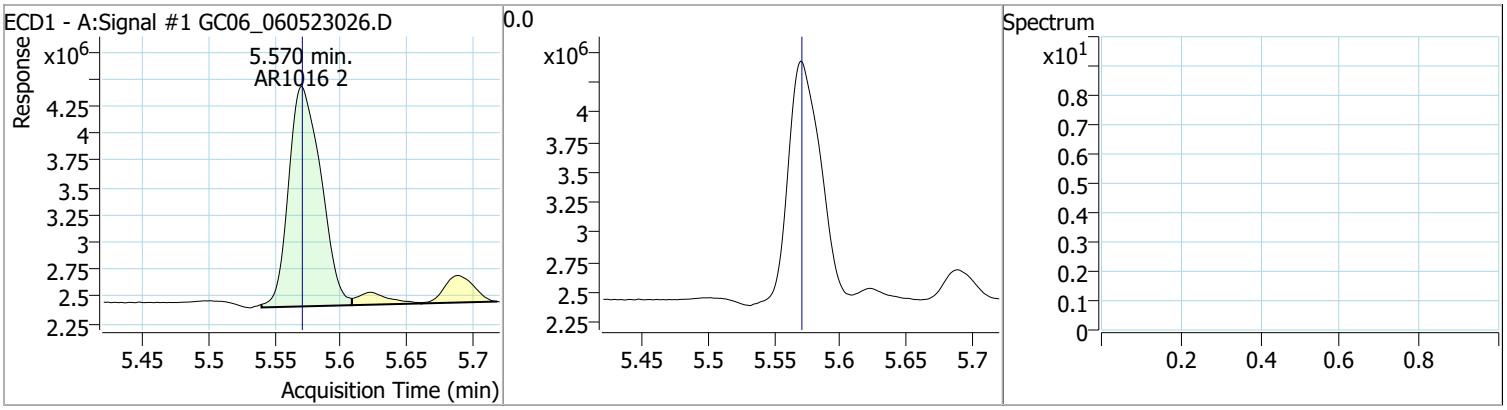
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	404.4756	5.24	0.00	1570151				



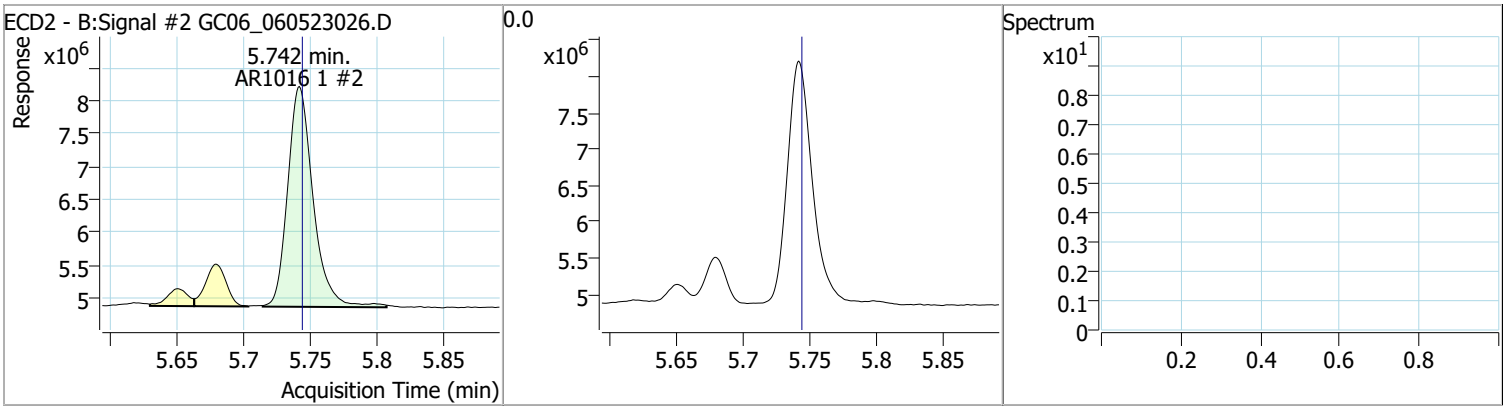
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB) #2	37.0193	5.27	0.00	20029572				



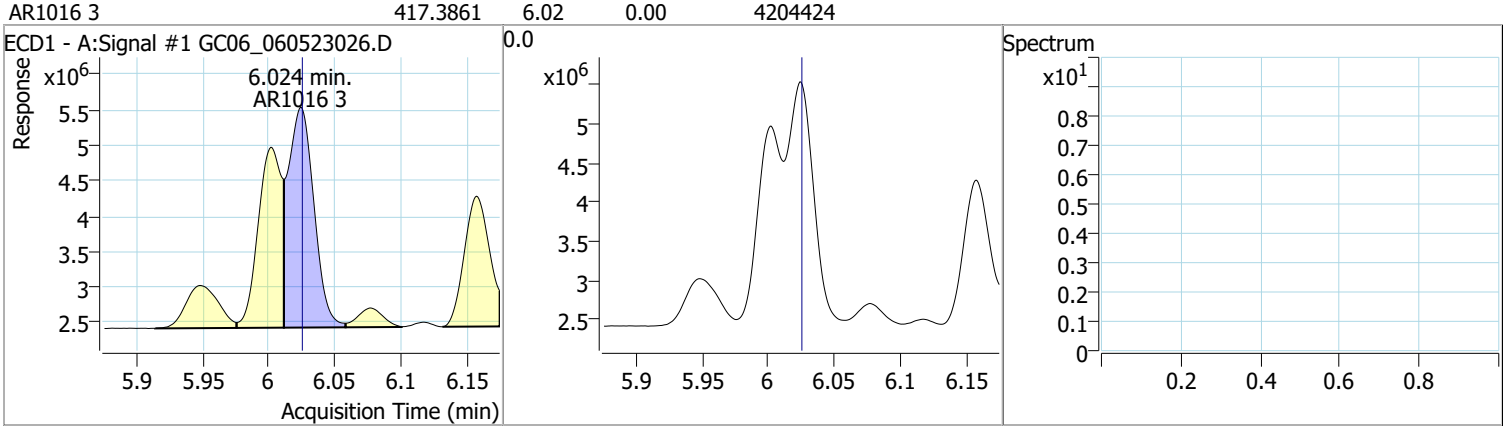
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	436.9321	5.57	0.00	3443500				



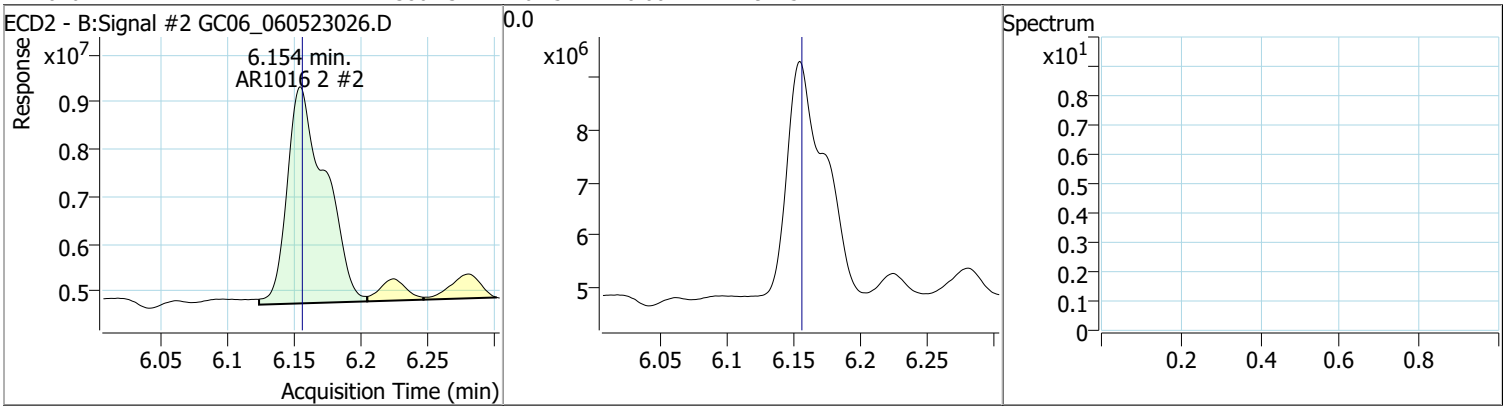
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AR1016 1 #2	420.5490	5.74	0.00	4467972				



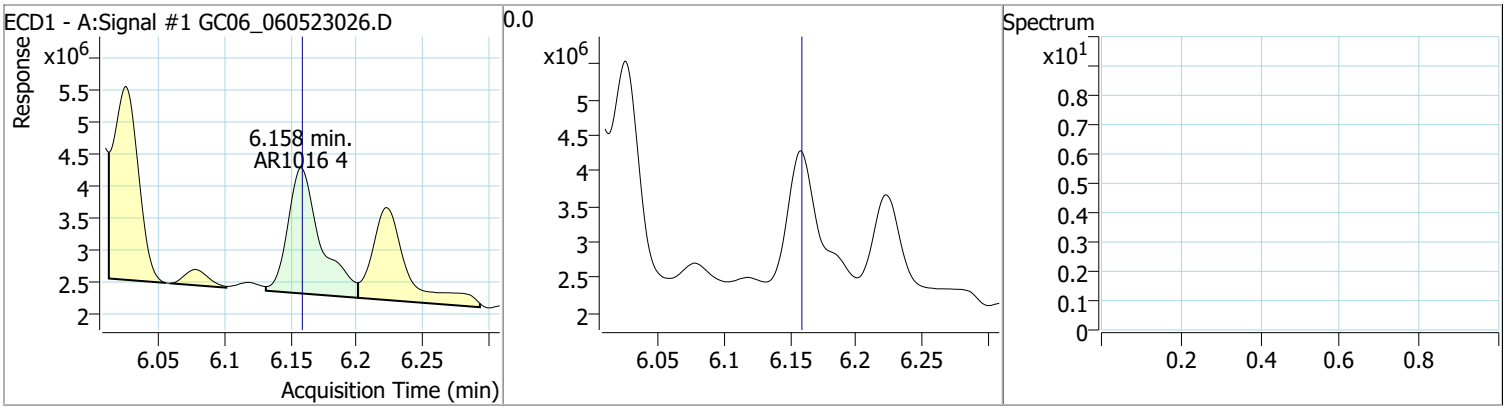
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	417.3861	6.02	0.00	4204424				



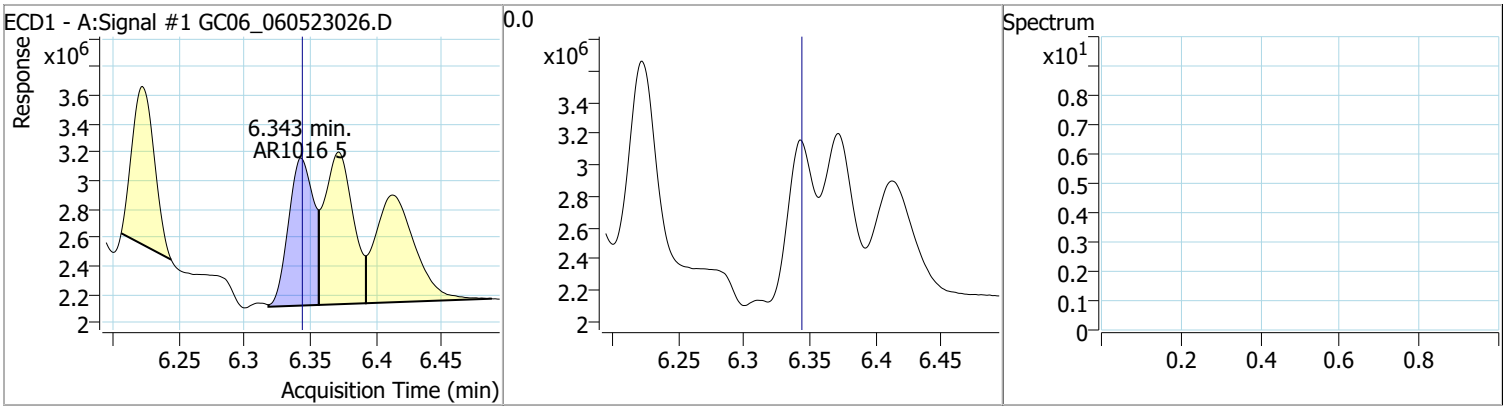
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	386.1317	6.15	0.00	9215224				



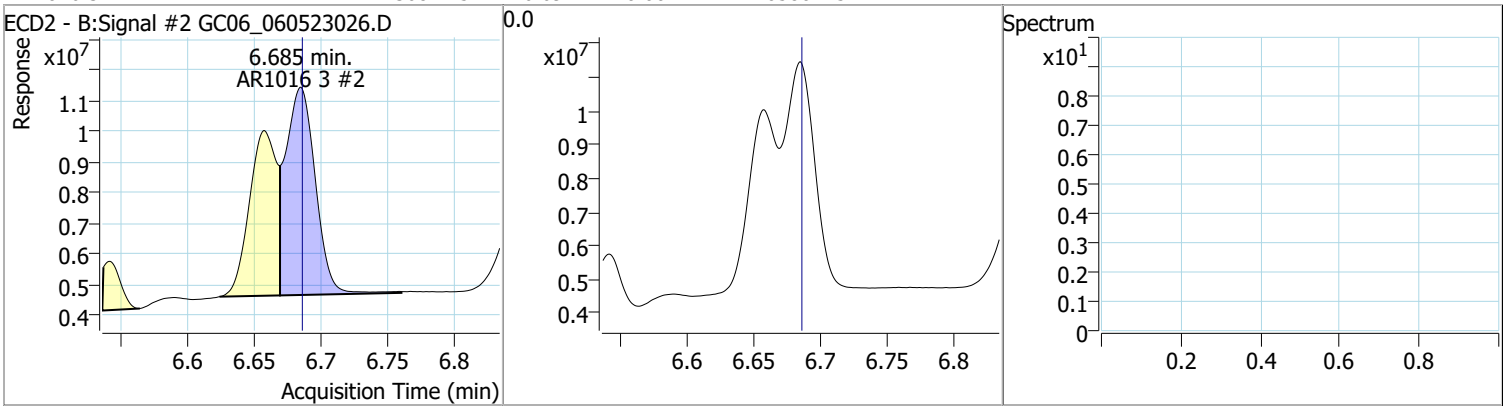
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4	557.8753	6.16	0.00	3387140				



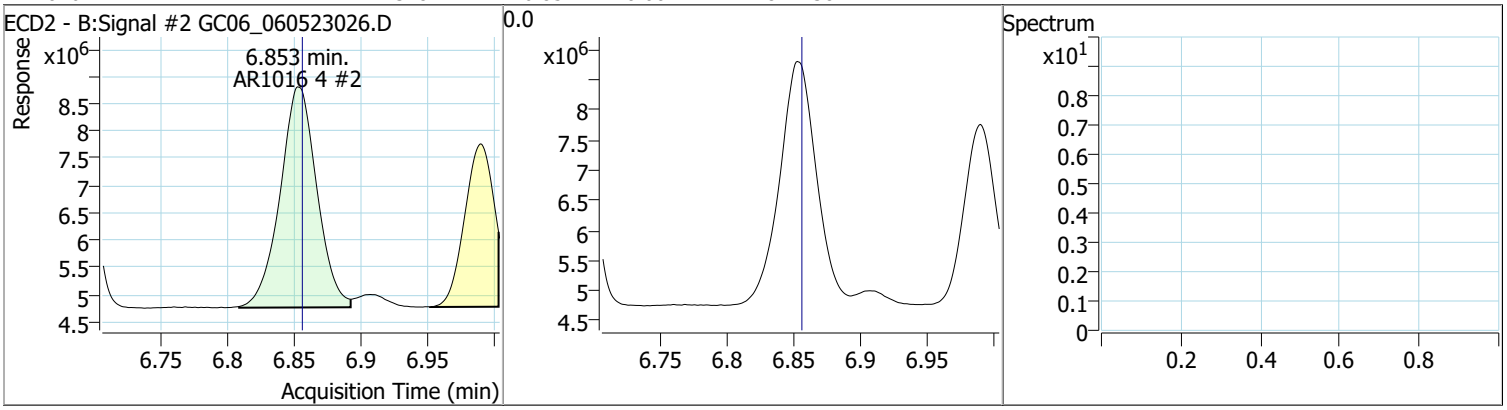
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	295.3005	6.34	0.00	1371230				



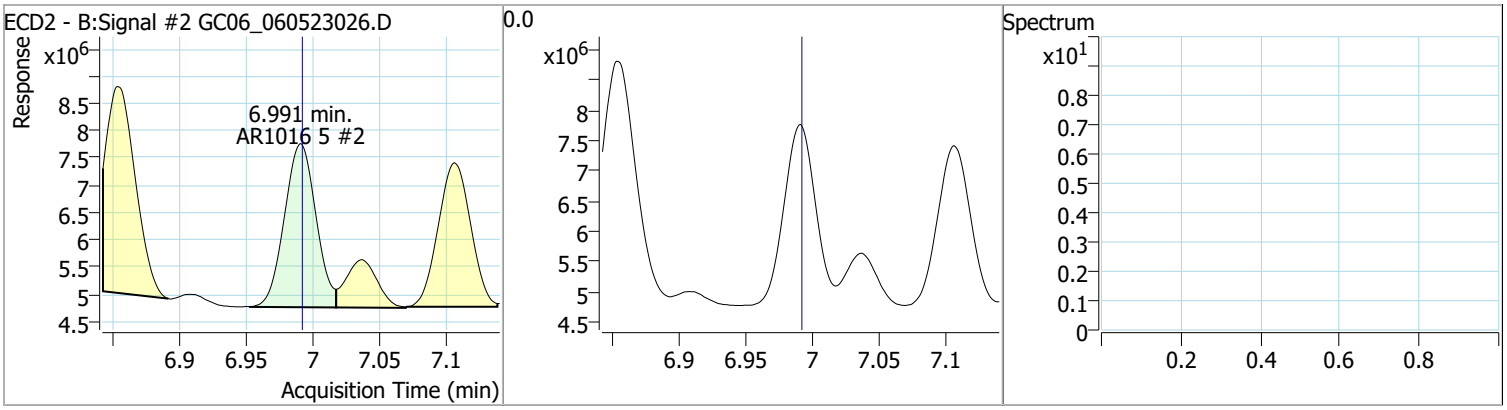
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	368.4252	6.69	0.00	10580125				



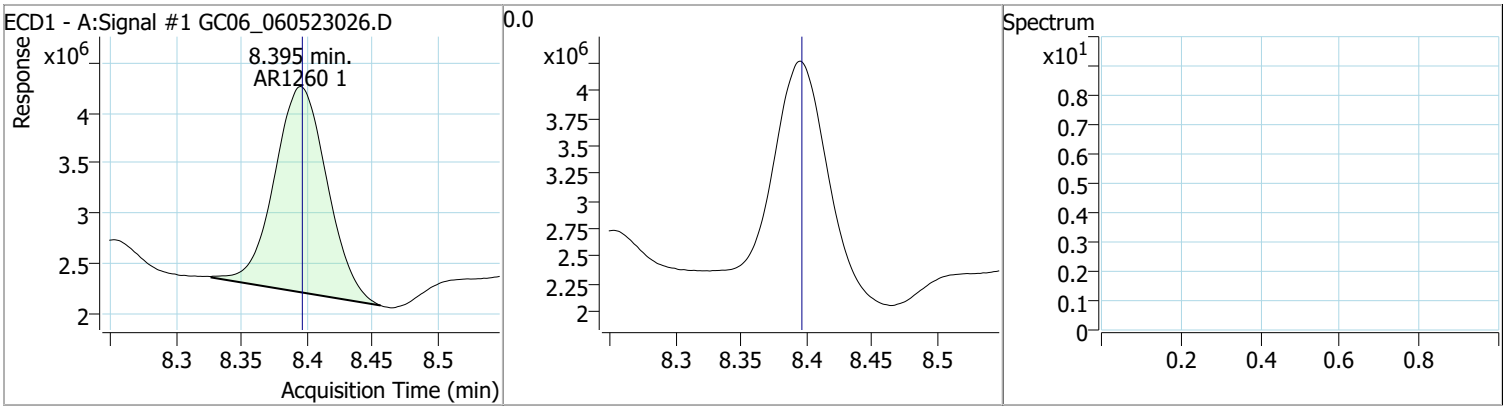
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4 #2	378.4772	6.85	0.00	7822738				



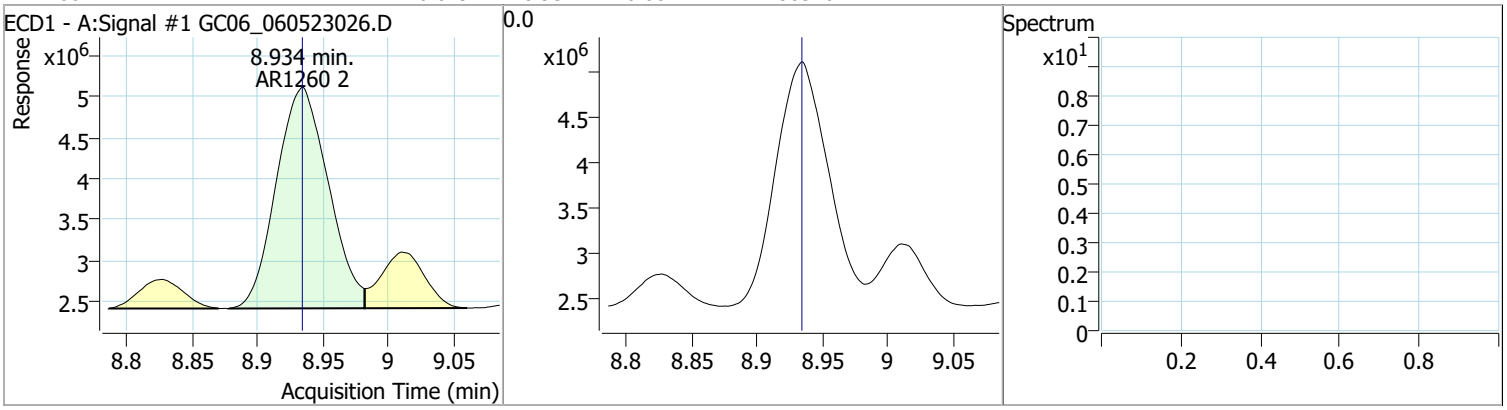
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	450.2565	6.99	0.00	4964146				



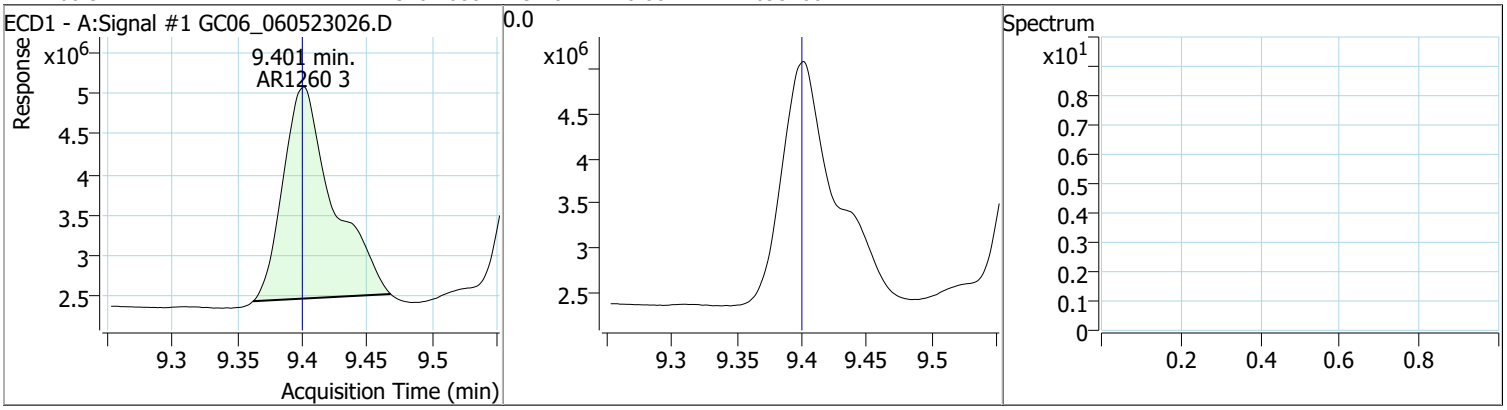
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	501.4736	8.40	-0.01	5771700				



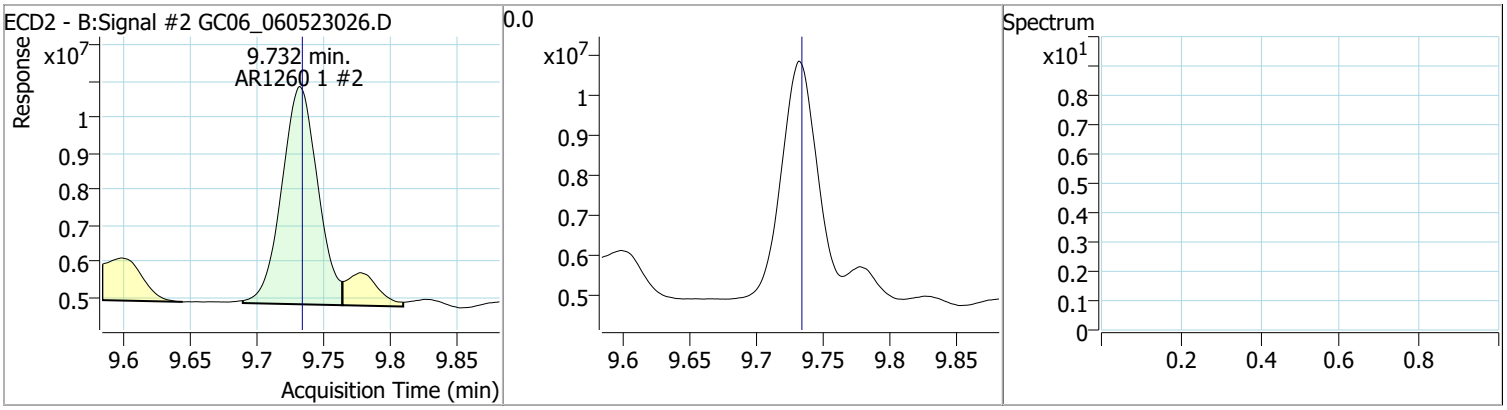
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	426.0791	8.93	0.00	7486370				



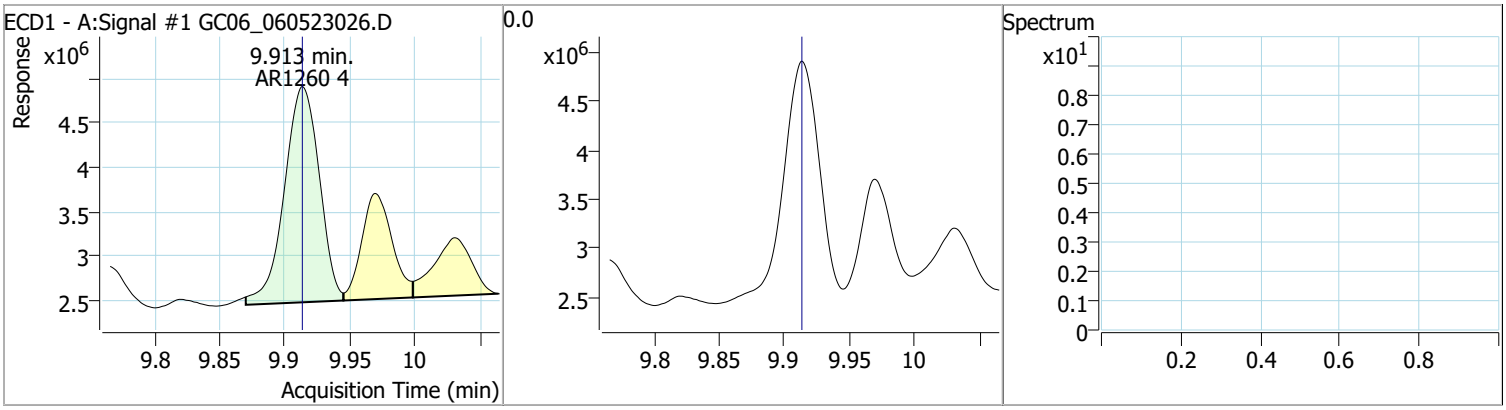
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3	370.2688	9.40	0.00	6951601				



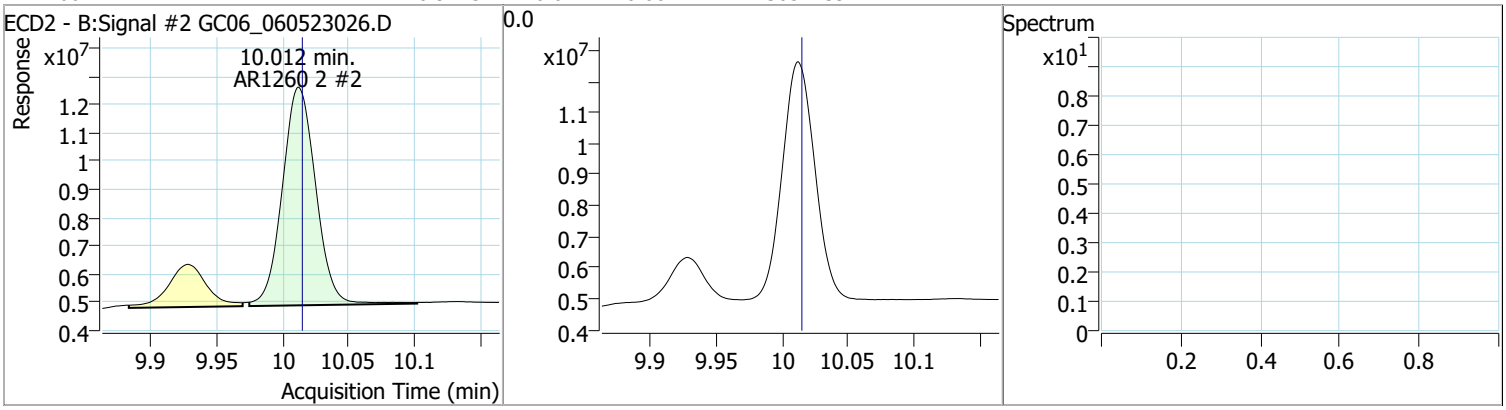
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1 #2	397.0525	9.73	0.00	11421492				



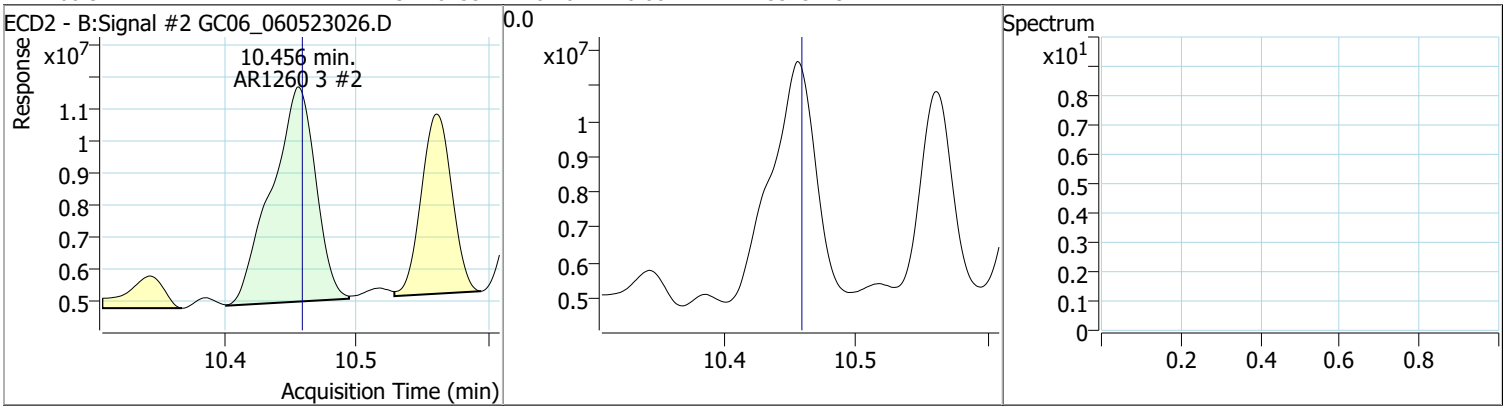
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4	445.1327	9.91	0.00	4553099				



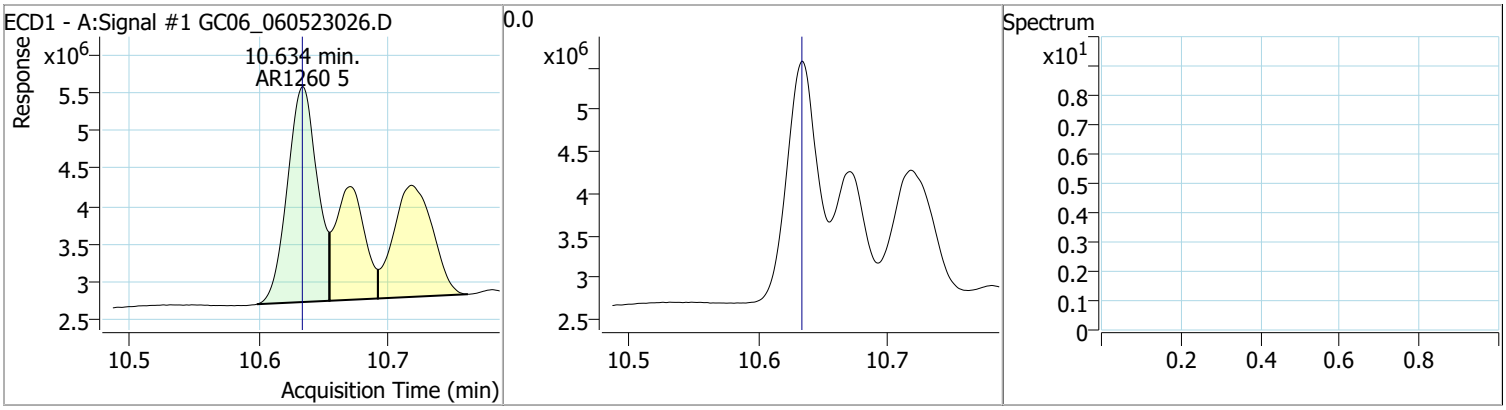
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	420.9445	10.01	0.00	13652439				



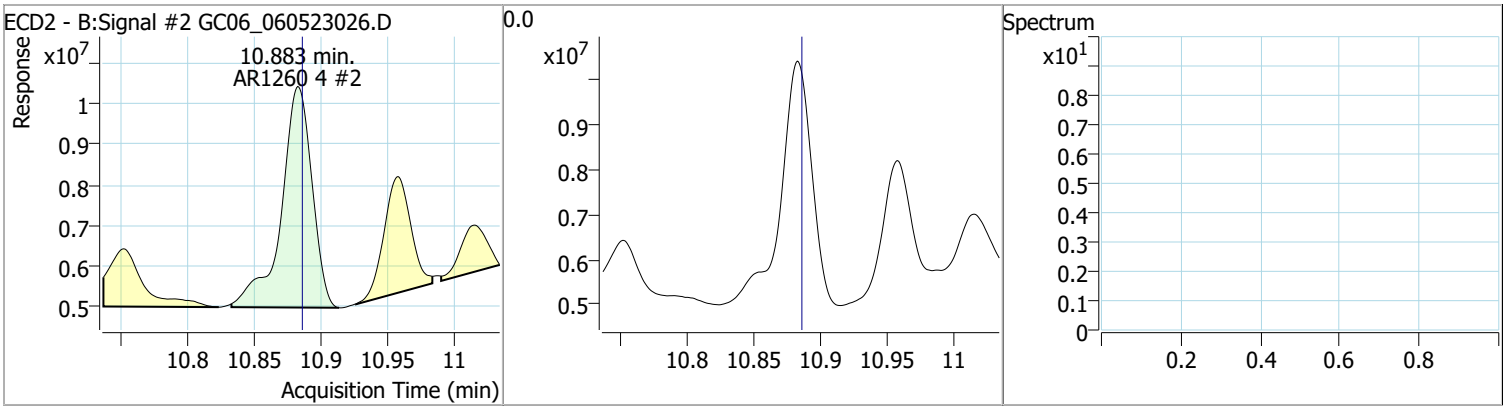
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3 #2	374.0755	10.46	0.00	15525729				



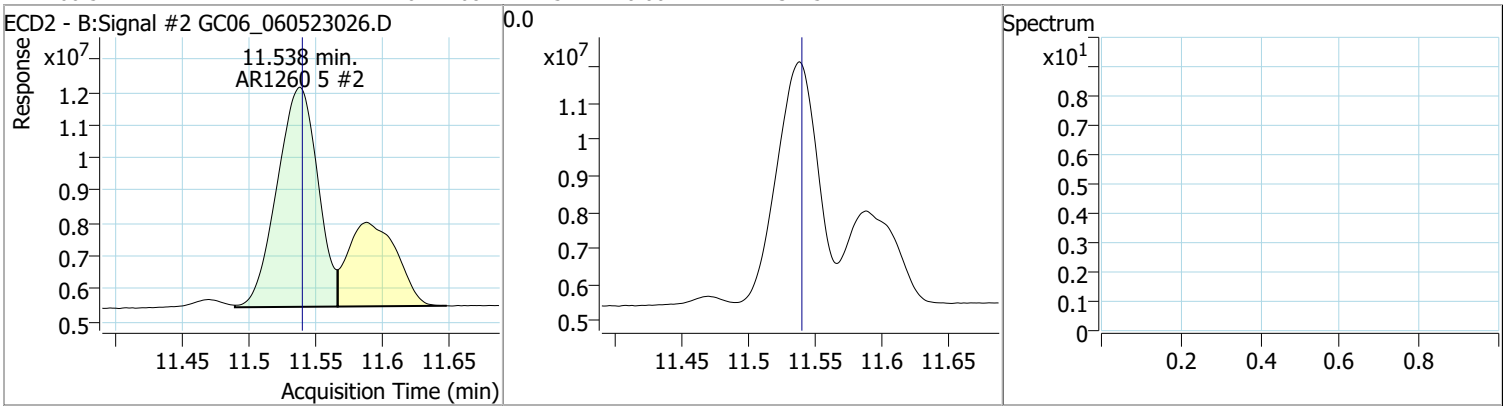
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	281.1367	10.63	0.00	4546916				



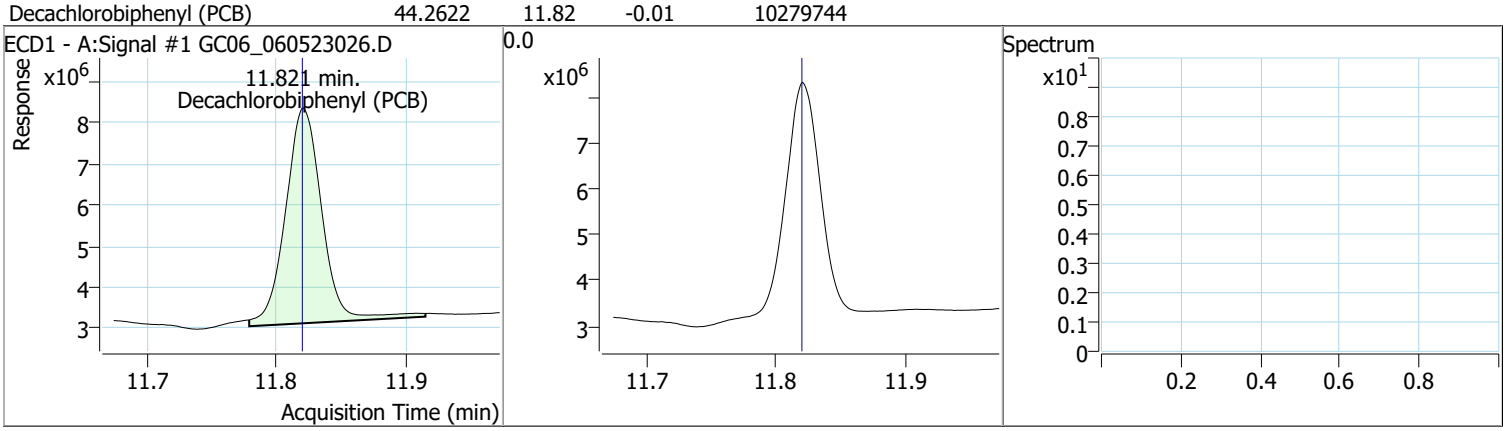
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	363.4370	10.88	0.00	8810601				



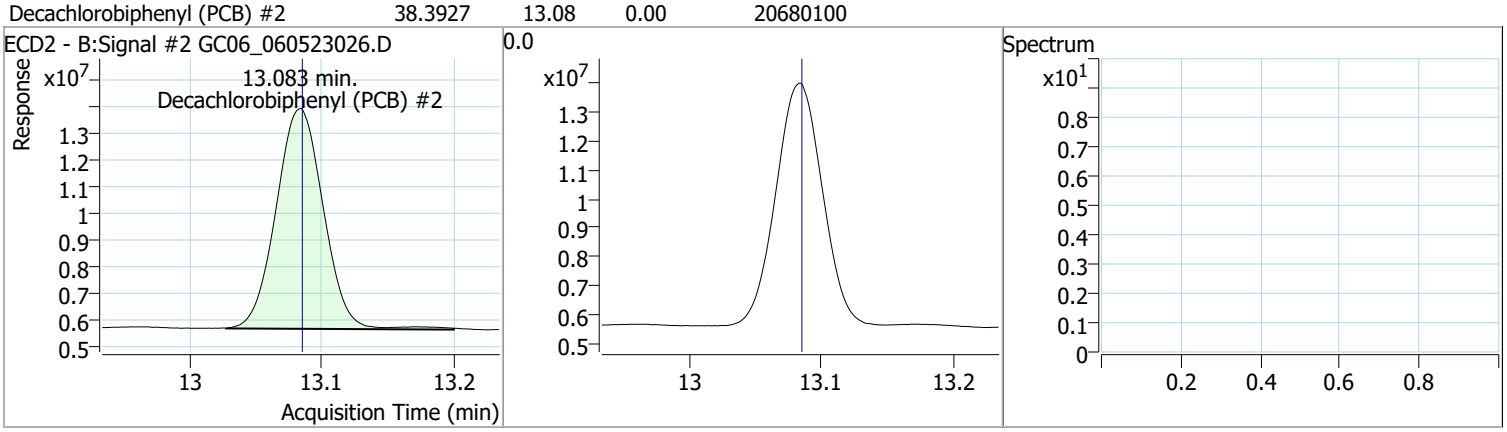
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	407.7468	11.54	0.00	14327511				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	44.2622	11.82	-0.01	10279744				

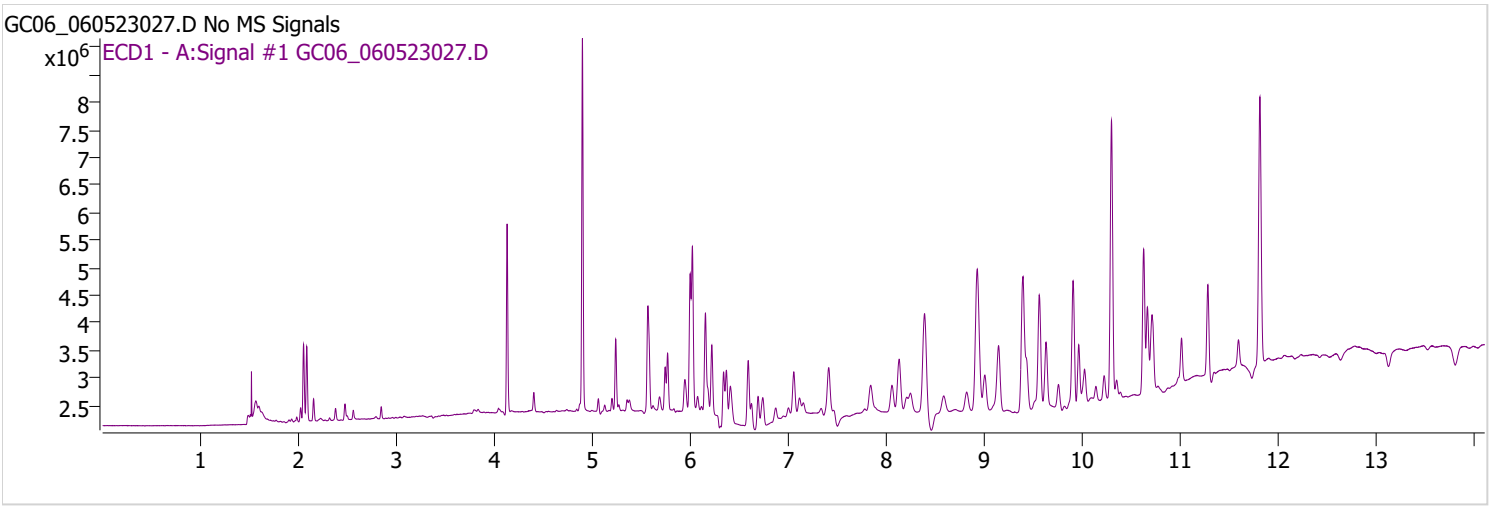


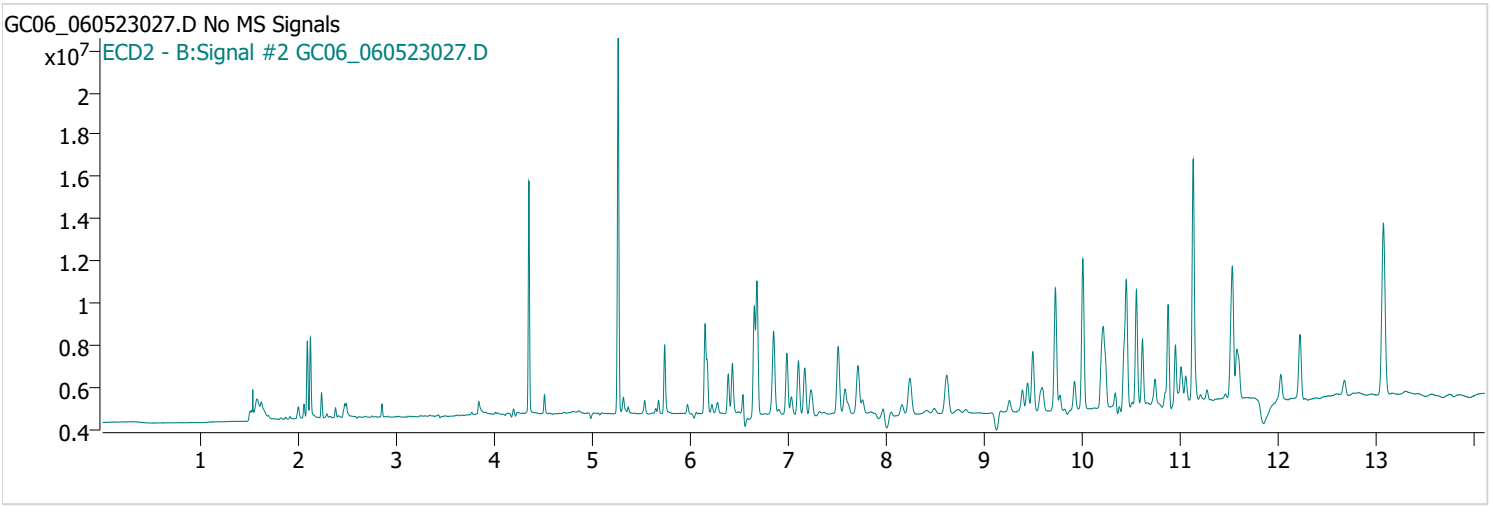
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	38.3927	13.08	0.00	20680100				



Quantitation Results Report (Not Reviewed)

Data File	GC06_060523027.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	6/5/2023 7:18:52 PM
Sample Name	QC1070659, 315386, 1	Instrument	SVOA-GC06
Vial	14	Multiplier	1.00
DA Method File	PCB_608_052323_GC06_9.m	Comment	WIPE/1DM^2-10ML
Tune File	ATUNE.U	Tune Date	
Batch Name	060523PCB.batch.bin	Last Calib Update	5/23/2023 1:46:10 PM
Ref Library			



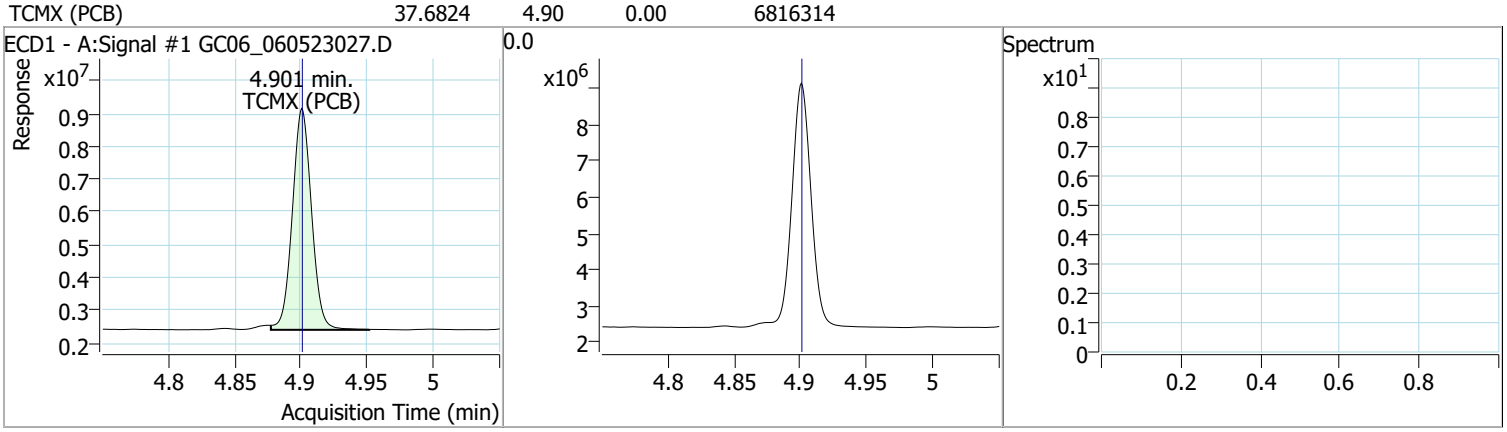


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1-bromo-2-nitrobenzene (PCB)	4.132	0.0	3394592.838	20.0000	ng/ml		-0.002
M 1-bromo-2-nitrobenzene (PCB) #2	4.354	0.0	10134386.157	20.0000	ng/ml		-0.001
System Monitoring Compounds							
S TCMX (PCB)	4.901	0.0	6816314.108	37.6824	ng/ml		-0.002
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 188.41%		*	
S TCMX (PCB) #2	5.266	0.0	18818686.603	35.0062	ng/ml		-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 175.03%		*	
S Decachlorobiphenyl (PCB)	11.821	0.0	9844741.635	43.4612	ng/ml		-0.005
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 217.31%		*	
S Decachlorobiphenyl (PCB) #2	13.083	0.0	19282193.422	36.0290	ng/ml		-0.002
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 180.14%		*	
Target Compounds							QValue

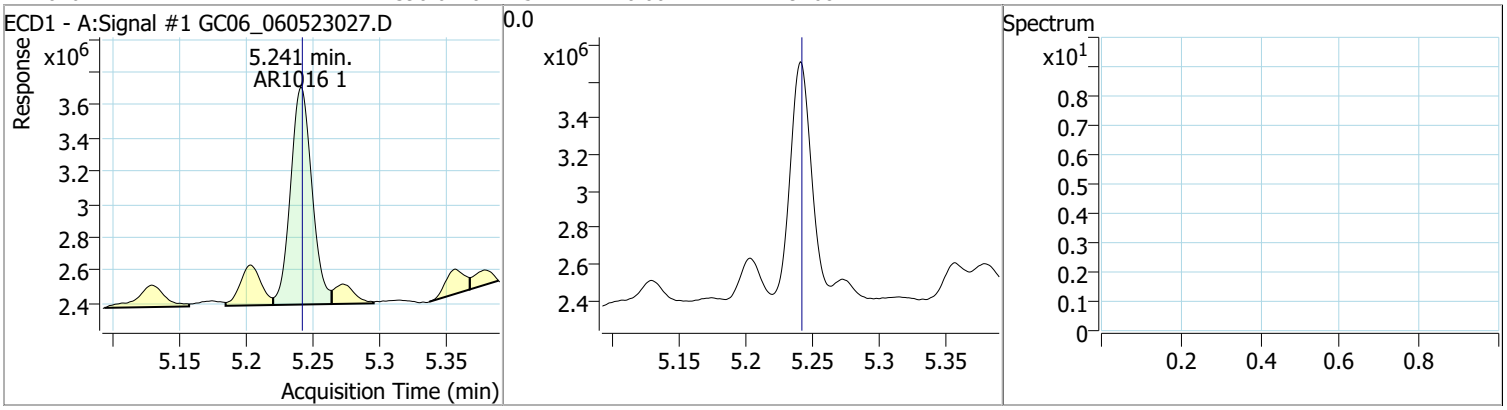
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T AR1016 1	5.241	0.0	1479168.227	390.6740	ng/ml	100
T AR1016 2	5.570	0.0	3257610.735	423.7983	ng/ml	100
T AR1016 1 #2	5.741	0.0	3940953.513	373.3416	ng/ml	100
T AR1016 3	6.024	0.0	3972333.398	404.3182	ng/ml	100
T AR1016 2 #2	6.154	0.0	8811649.815	371.6085	ng/ml	100
T AR1016 4	6.158	0.0	3271709.602	552.4906	ng/ml	100
T AR1016 5	6.343	0.0	1338005.081	295.4322	ng/ml	100
T AR1016 3 #2	6.683	0.0	10851729.420	380.3263	ng/ml	100
T AR1016 4 #2	6.854	0.0	7422512.662	361.4355	ng/ml	100
T AR1016 5 #2	6.989	0.0	4692139.926	428.3367	ng/ml	100
T AR1260 1	8.396	0.0	5502034.223	490.1328	ng/ml	100
T AR1260 2	8.934	0.0	6993295.744	408.0815	ng/ml	100
T AR1260 3	9.402	0.0	6351080.455	346.8375	ng/ml	100
T AR1260 1 #2	9.733	0.0	10764833.065	376.6442	ng/ml	100
T AR1260 4	9.913	0.0	4276856.514	428.6998	ng/ml	100
T AR1260 2 #2	10.013	0.0	12739400.894	395.3325	ng/ml	100
T AR1260 3 #2	10.456	0.0	14322254.113	347.3102	ng/ml	100
T AR1260 5	10.633	0.0	4227783.440	268.0153	ng/ml	100
T AR1260 4 #2	10.883	0.0	8171257.392	339.2434	ng/ml	100
T AR1260 5 #2	11.539	0.0	13403363.101	383.9127	ng/ml	100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

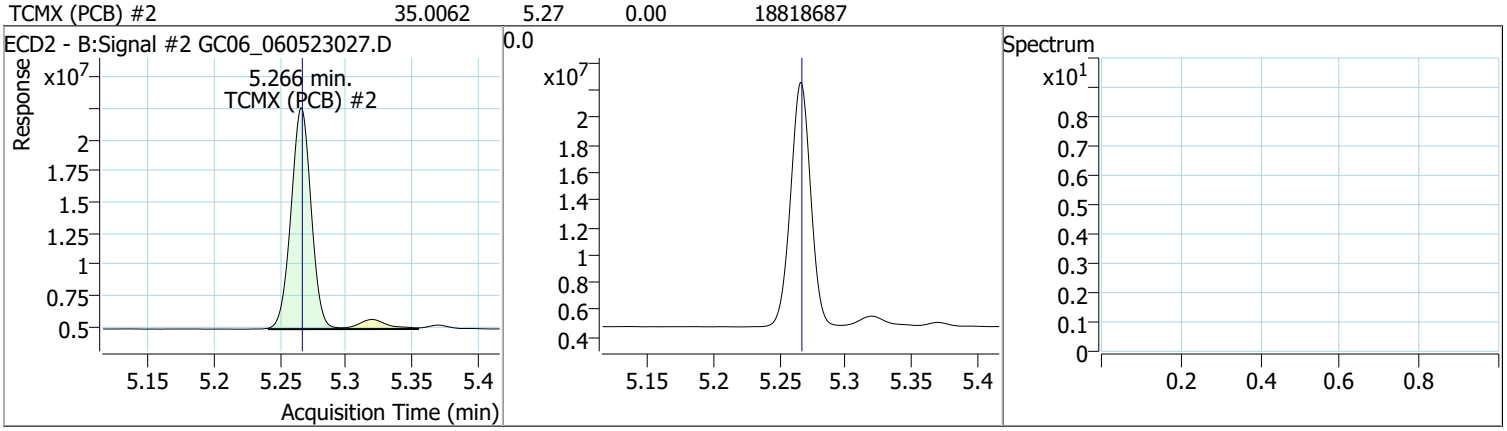
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	37.6824	4.90	0.00	6816314				



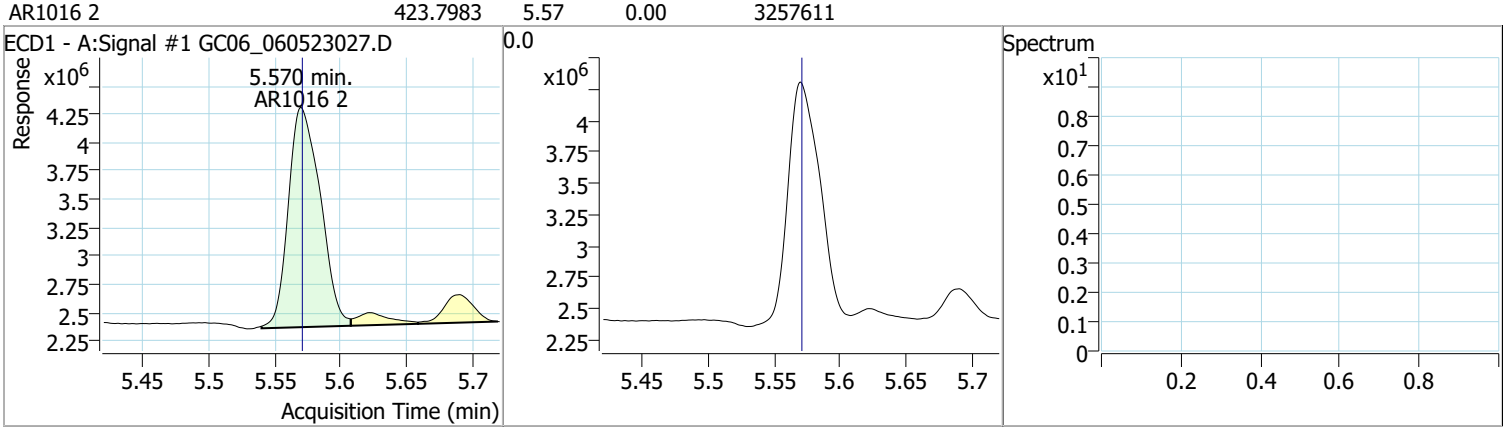
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	390.6740	5.24	0.00	1479168				



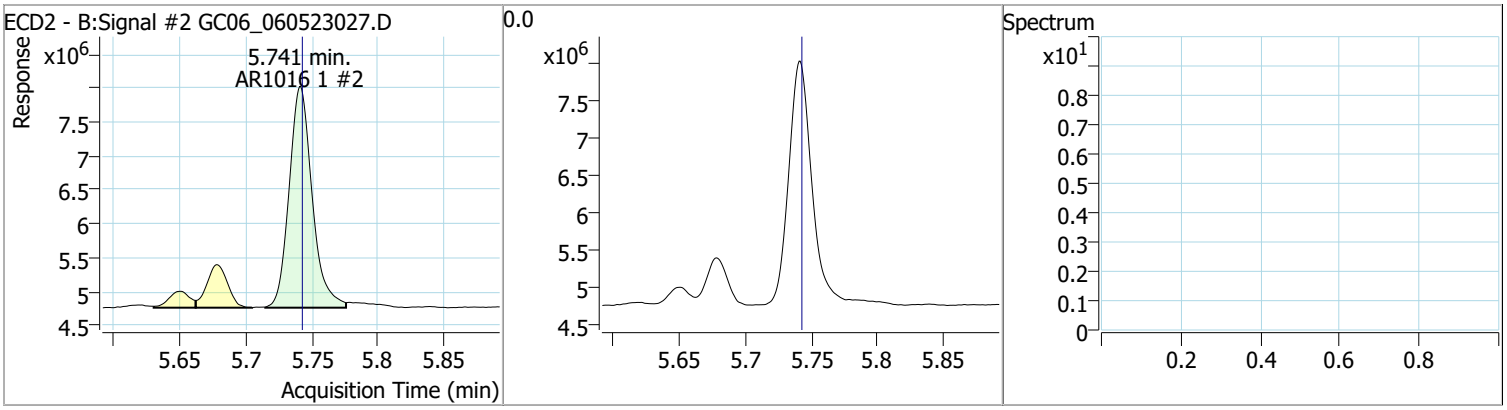
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB) #2	35.0062	5.27	0.00	18818687				



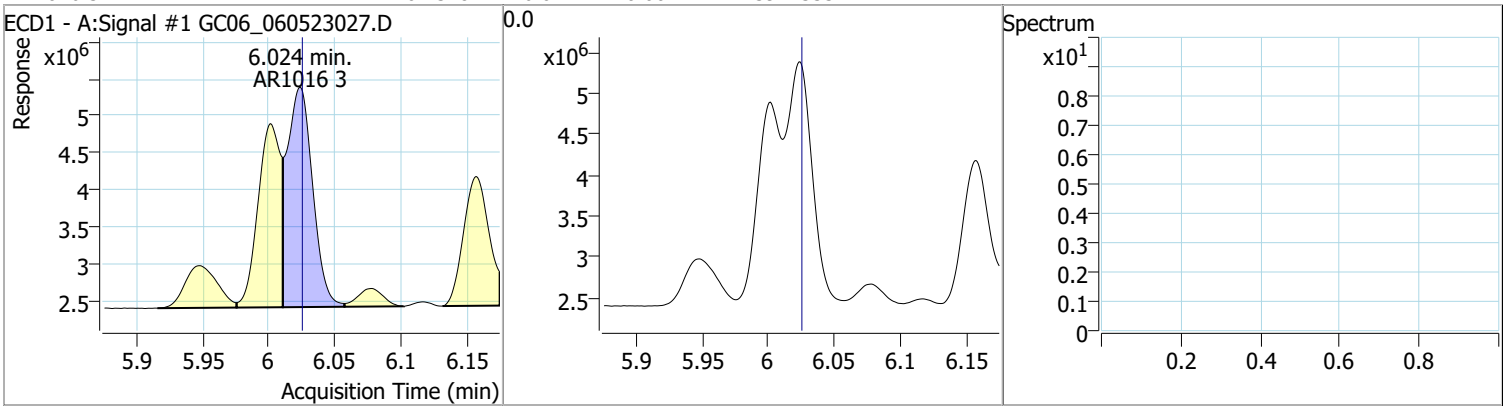
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	423.7983	5.57	0.00	3257611				



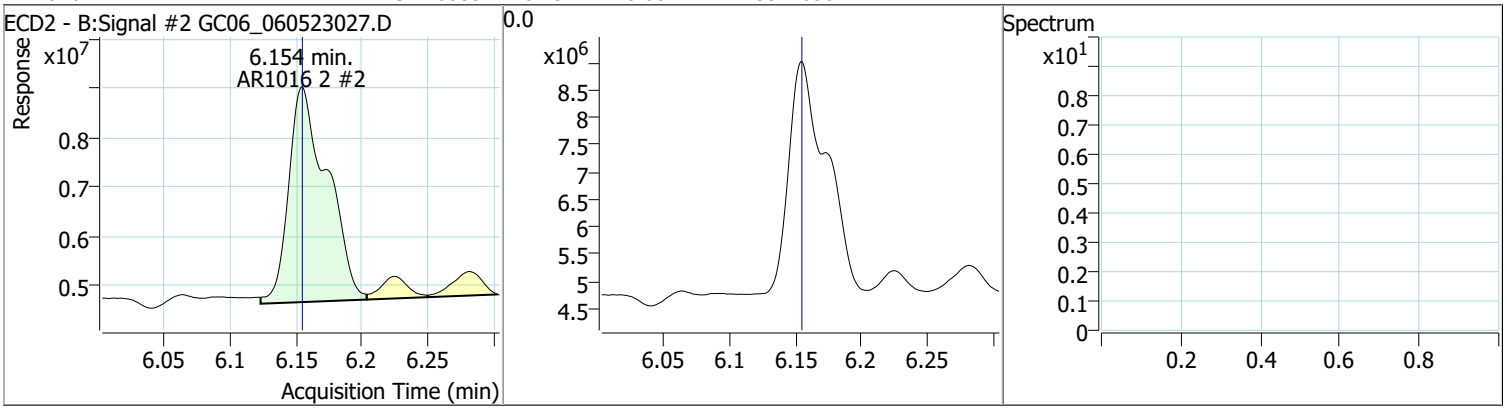
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1 #2	373.3416	5.74	0.00	3940954				



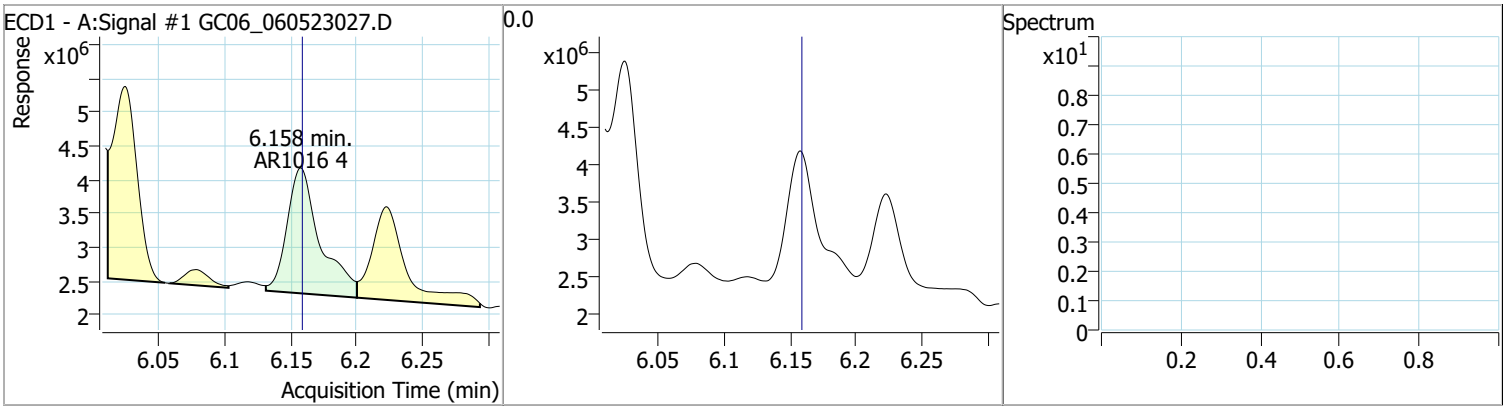
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	404.3182	6.02	0.00	3972333				



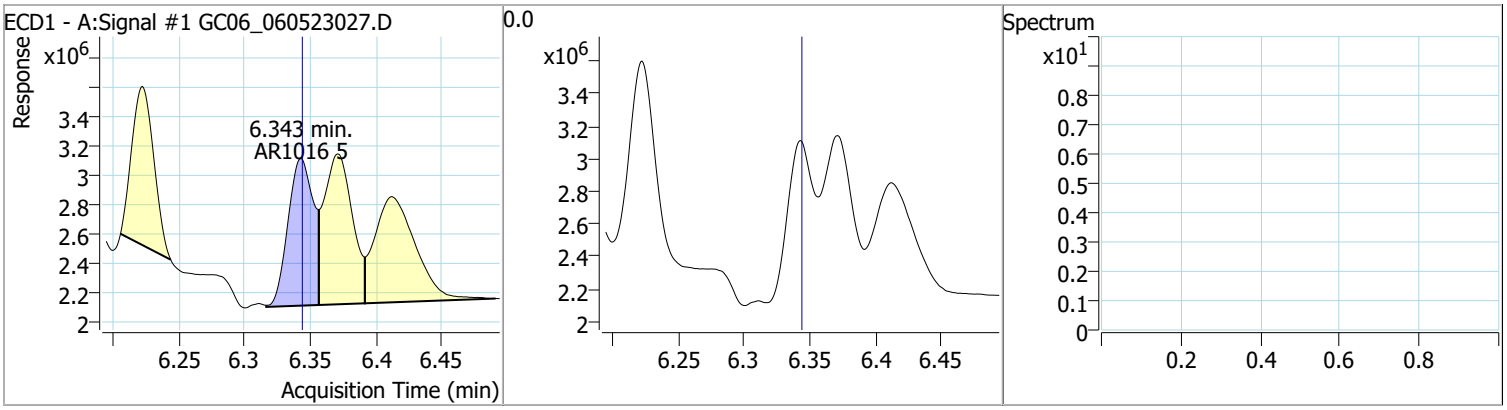
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	371.6085	6.15	0.00	8811650				



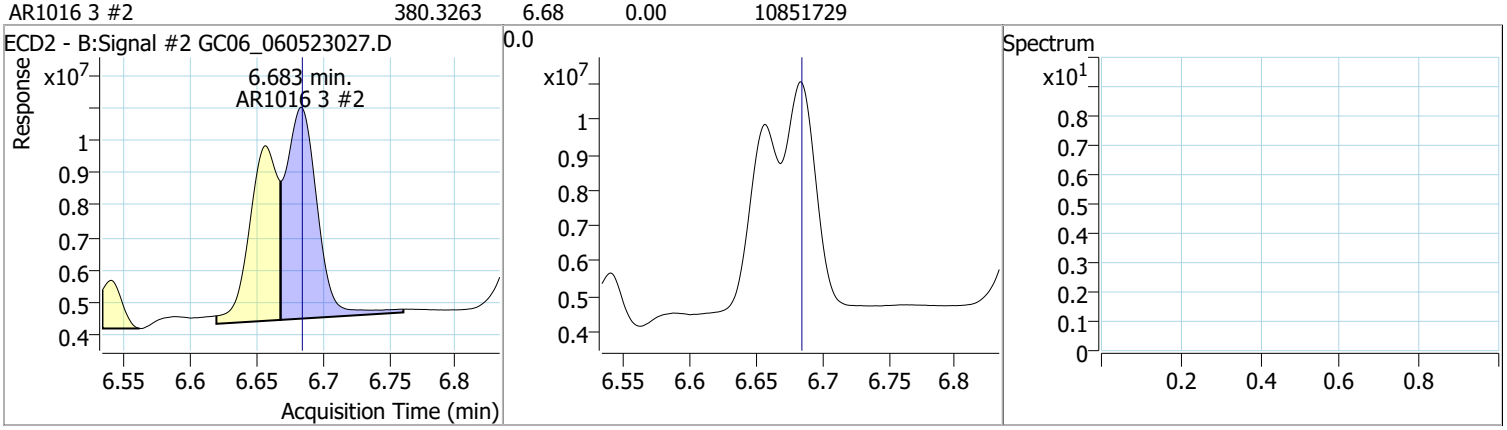
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4	552.4906	6.16	0.00	3271710				



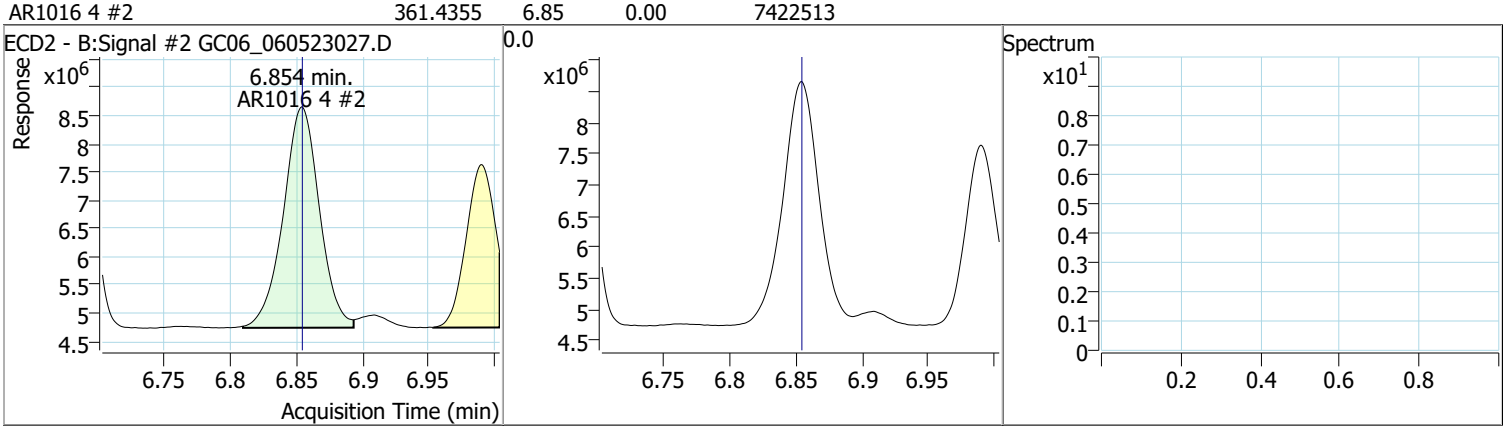
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	295.4322	6.34	0.00	1338005				



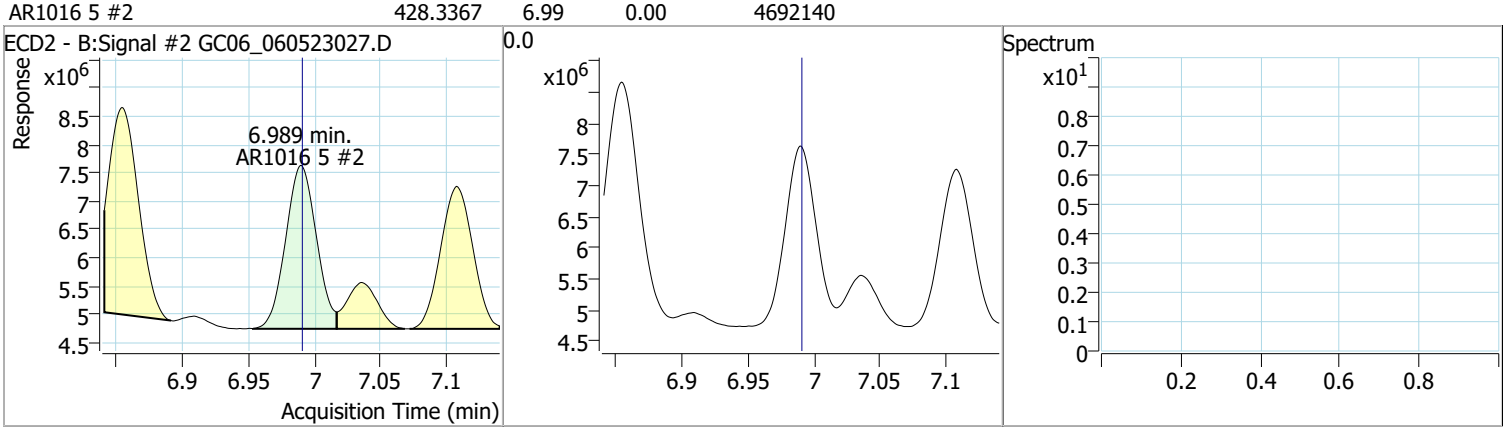
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	380.3263	6.68	0.00	10851729				



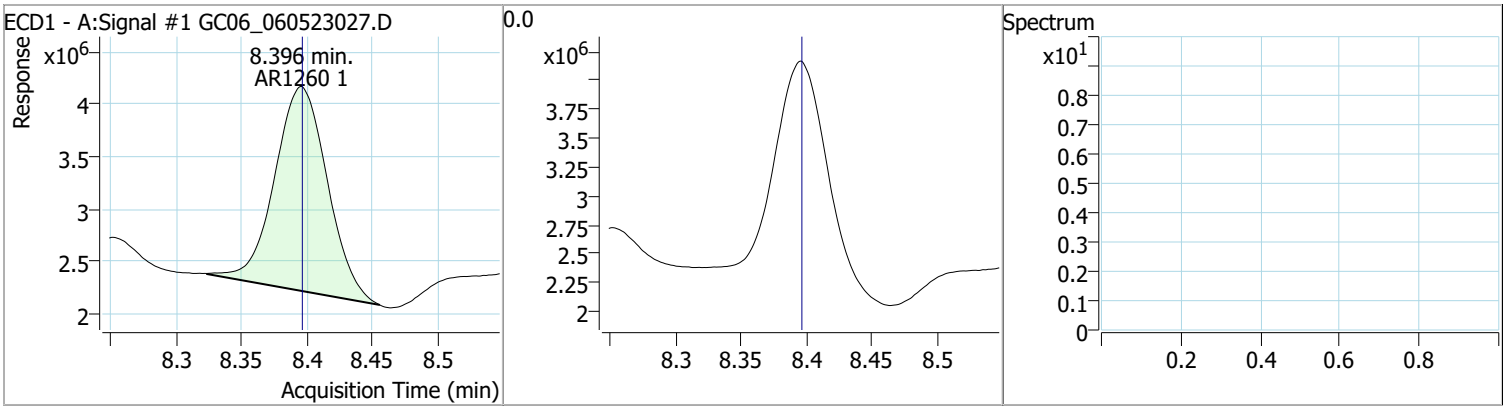
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4 #2	361.4355	6.85	0.00	7422513				



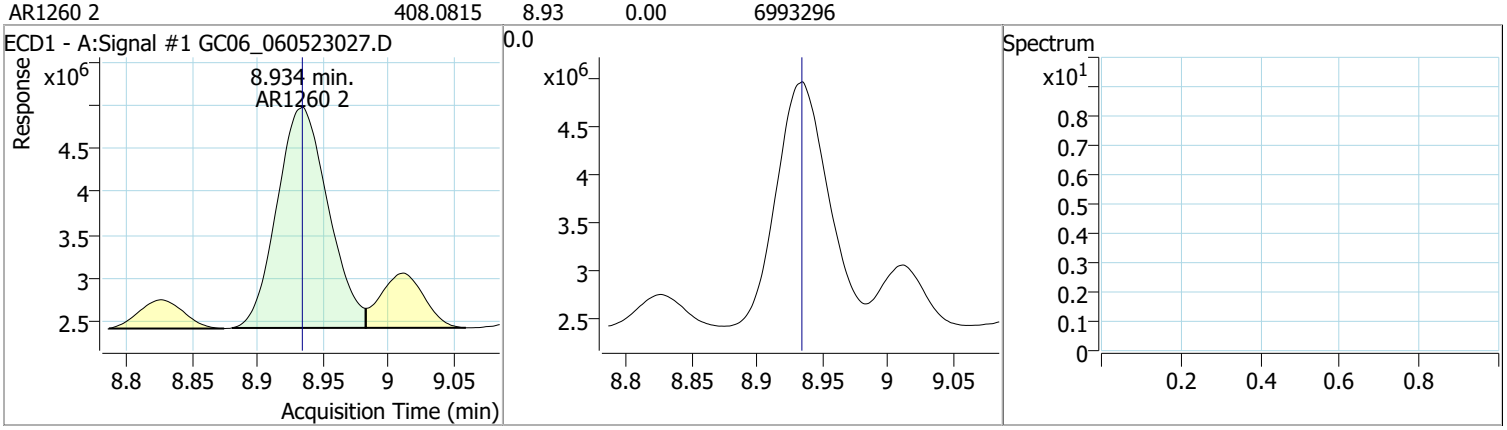
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	428.3367	6.99	0.00	4692140				



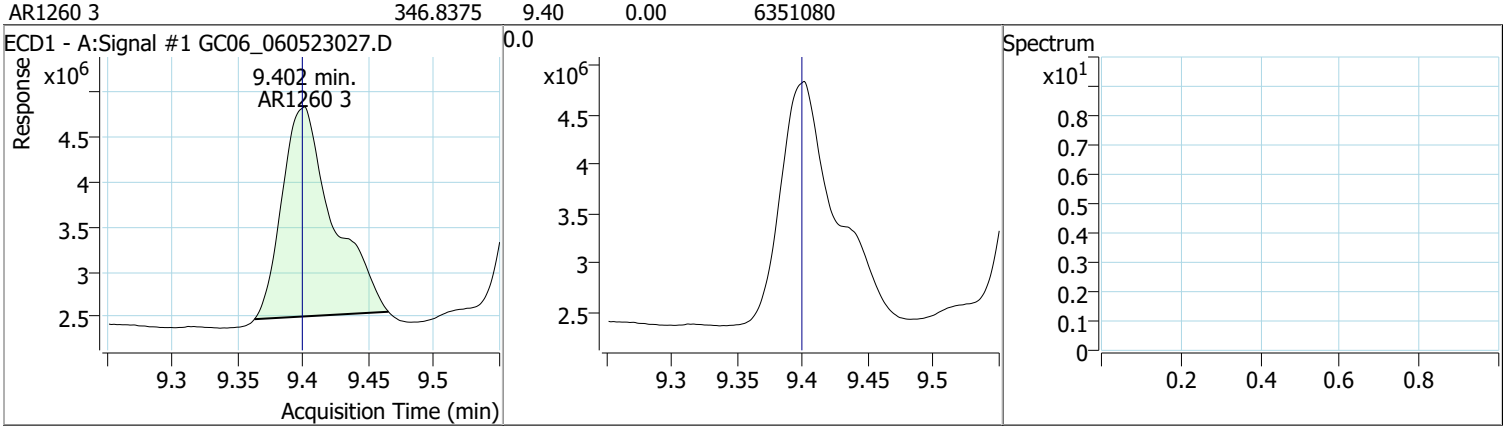
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	490.1328	8.40	0.00	5502034				



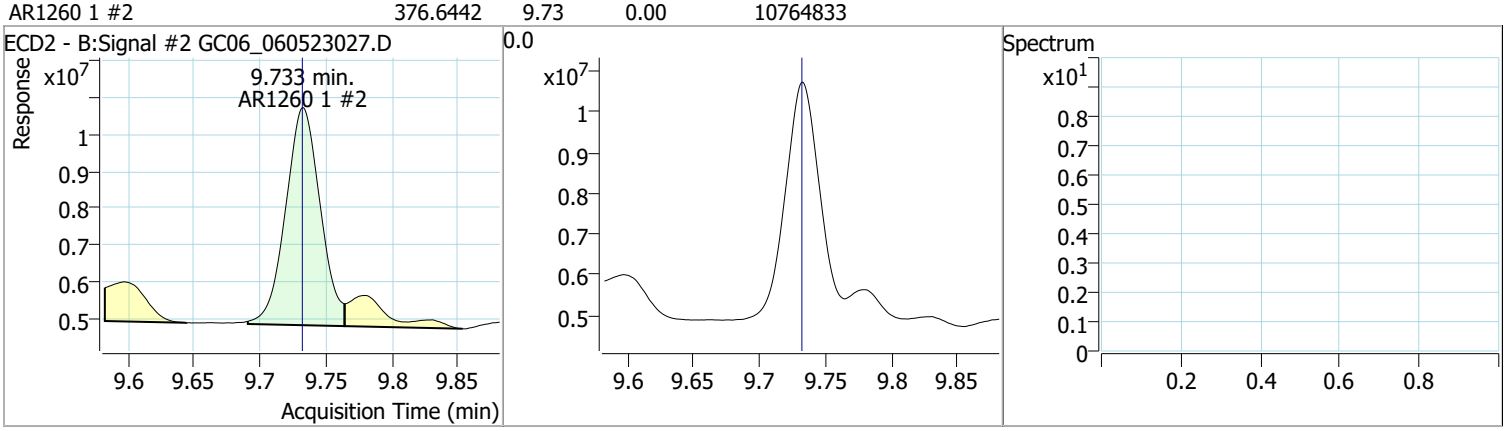
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	408.0815	8.93	0.00	6993296				



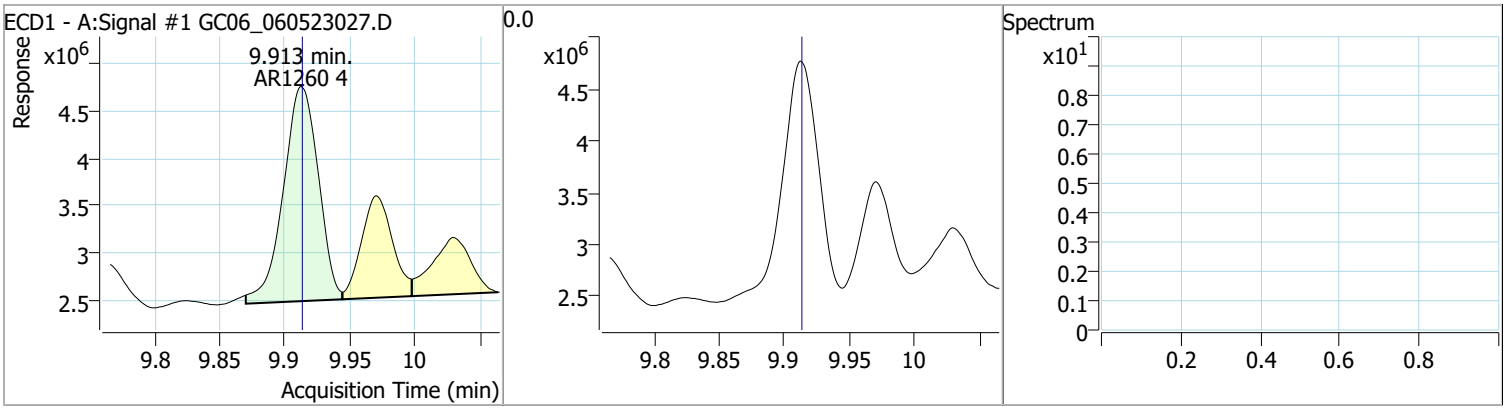
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3	346.8375	9.40	0.00	6351080				



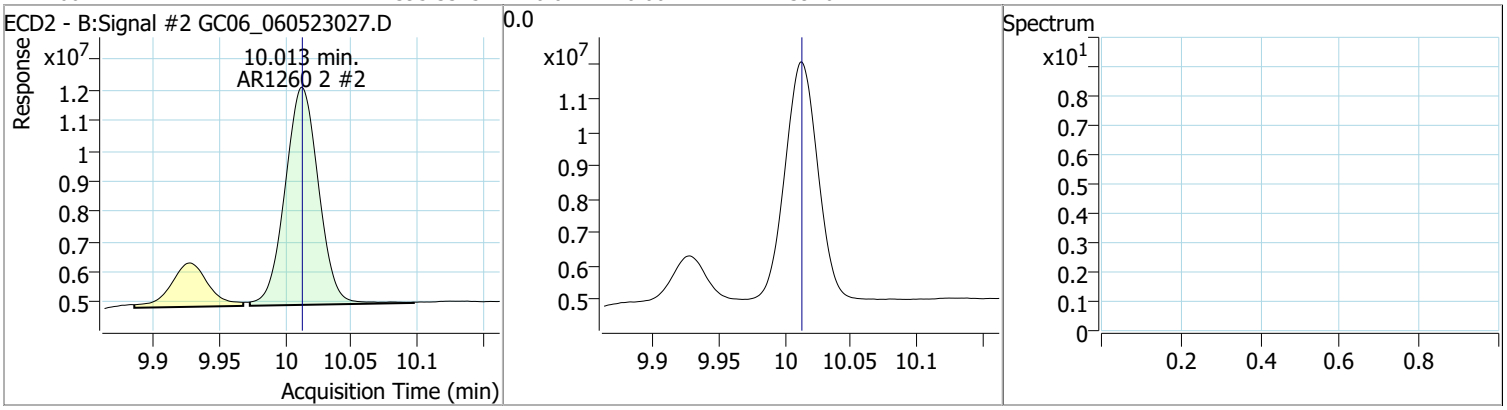
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1 #2	376.6442	9.73	0.00	10764833				



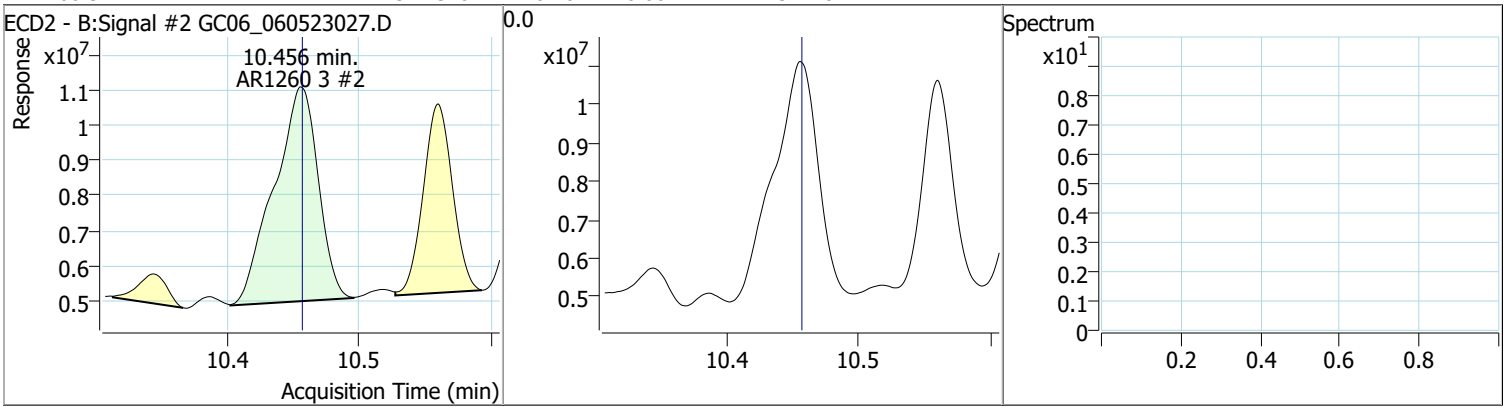
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4	428.6998	9.91	-0.01	4276857				



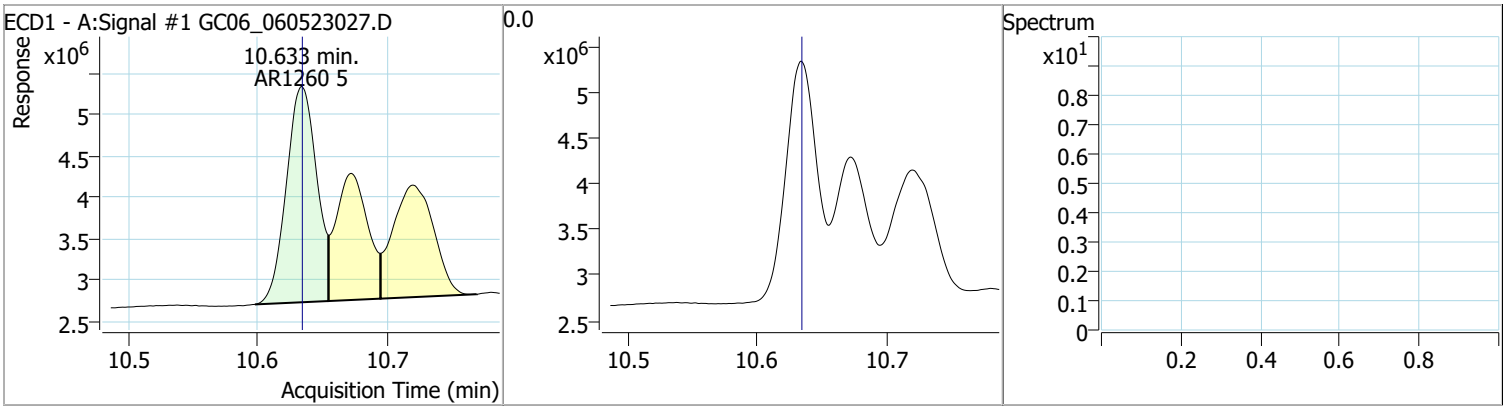
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	395.3325	10.01	0.00	12739401				



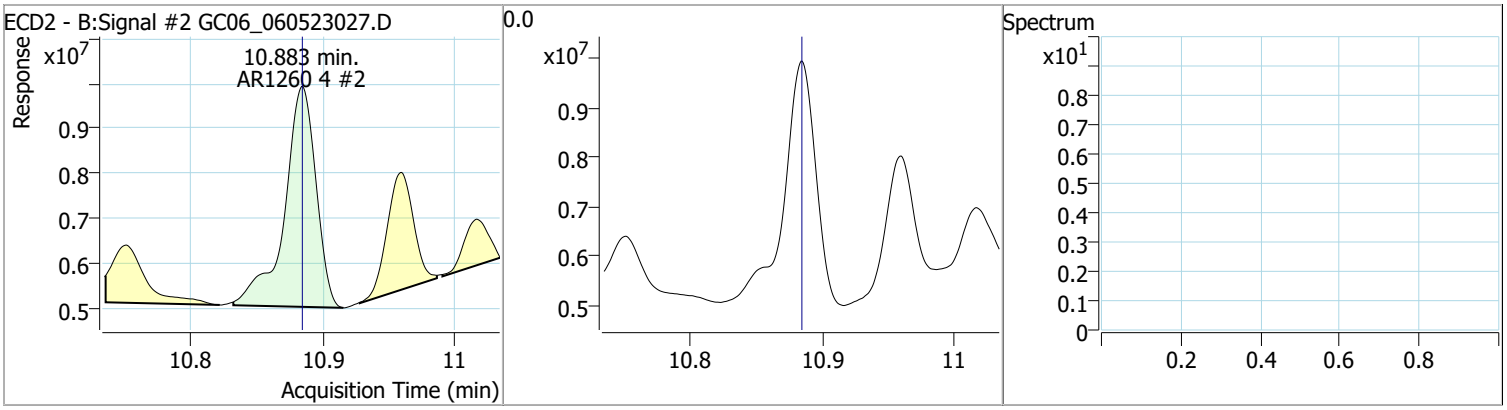
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3 #2	347.3102	10.46	0.00	14322254				



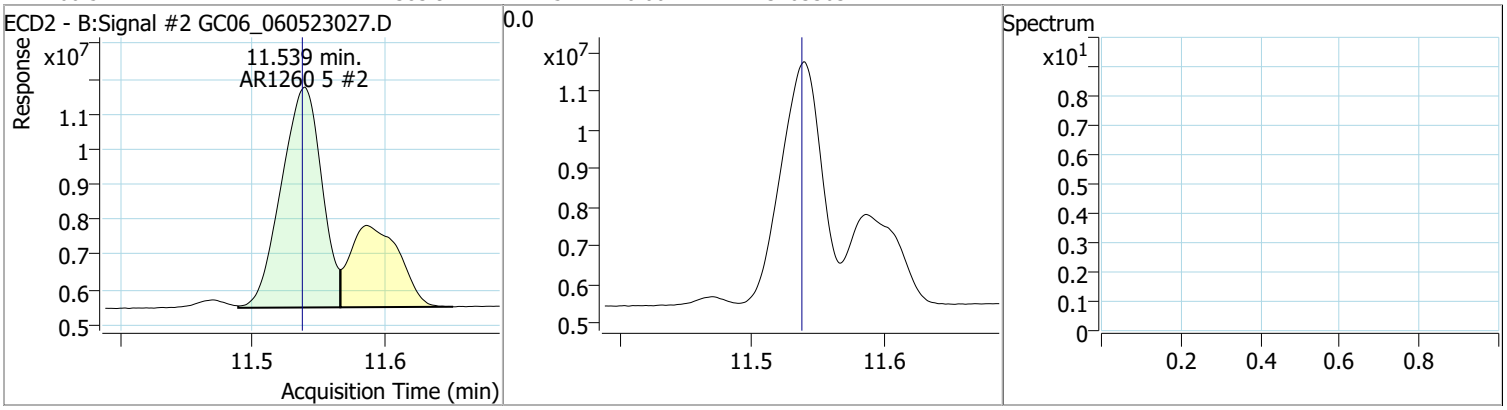
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	268.0153	10.63	-0.01	4227783				



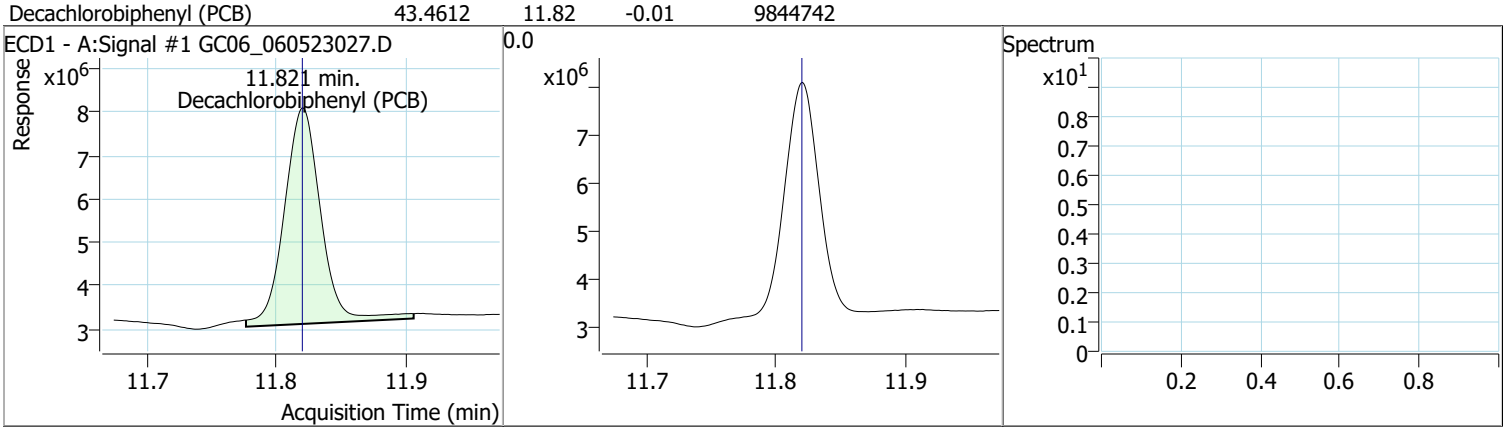
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	339.2434	10.88	0.00	8171257				



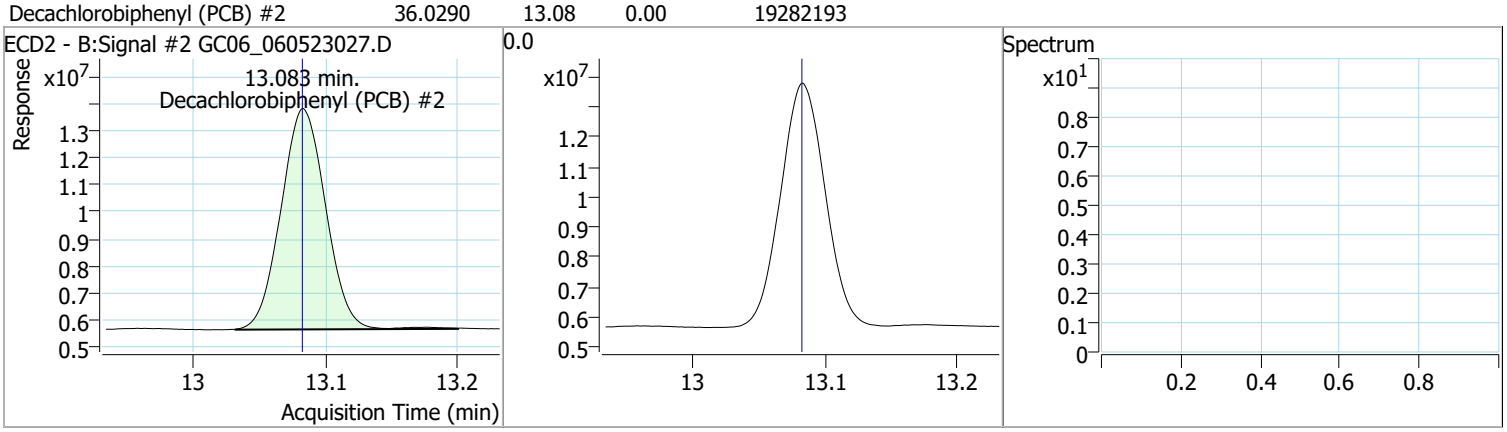
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	383.9127	11.54	0.00	13403363				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	43.4612	11.82	-0.01	9844742				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	36.0290	13.08	0.00	19282193				



Initial Calibration Raw Data

ENTHALPY INITIAL CALIBRATION FOR 486134 PCBS Wipe: EPA 8082

Instrument:	SVOA-GC06	Name:	PCB_052223_1
Calibration #:	453205686001	Date:	22-MAY-2023 20:06
Units:	ug/L	X Axis:	R

Level	File	Seqnum	Sample ID	Analyzed	Standards
L1	gc06_052223020	453205686020		22-MAY-2023 20:06	S18179
L2	gc06_052223021	453205686021		22-MAY-2023 20:24	S18180
L3	gc06_052223022	453205686022		22-MAY-2023 20:43	S18181
L4	gc06_052223023	453205686023		22-MAY-2023 21:01	S18182
L5	gc06_052223024	453205686024		22-MAY-2023 21:19	S18183
L6	gc06_052223025	453205686025		22-MAY-2023 21:38	S18184
L7	gc06_052223026	453205686026		22-MAY-2023 21:56	S18185
L8	gc06_052223027	453205686027		22-MAY-2023 22:14	S18186
L9	gc06_052223028	453205686028		22-MAY-2023 22:33	S18187
L10	gc06_052223029	453205686029		22-MAY-2023 22:51	S18188

Analyte	Ch	Type	a0	a1	a2	Avg RF	%RSD	n	Min r^2	Max %RSD	Flags
Aroclor-1016 Peak # 1	A	AVRG		44.8280		0.0223	13	9	.99	20	
Aroclor-1016 Peak # 2	A	AVRG		22.0807		0.0453	14	9	.99	20	
Aroclor-1016 Peak # 3	A	AVRG		17.2755		0.0579	15	9	.99	20	
Aroclor-1016 Peak # 4	A	AVRG		28.6617		0.0349	13	9	.99	20	
Aroclor-1016 Peak # 5	A	AVRG		37.4758		0.0267	15	8	.99	20	
Aroclor-1260 Peak # 1	A	AVRG		15.1197		0.0661	14	9	.99	20	
Aroclor-1260 Peak # 2	A	AVRG		9.90415		0.1010	14	9	.99	20	
Aroclor-1260 Peak # 3	A	AVRG		9.26897		0.1079	20	10	.99	20	
Aroclor-1260 Peak # 4	A	AVRG		17.0130		0.0588	14	10	.99	20	
Aroclor-1260 Peak # 5	A	AVRG		10.7597		0.0929	13	10	.99	20	
Decachlorobiphenyl (PCB)	A	AVRG		0.74929		1.3346	16	9	.99	20	
TCMX (PCB)	A	AVRG		0.93830		1.0658	13	9	.99	20	
Aroclor-1016 Peak # 1	B	AVRG		48.0029		0.0208	16	10	.99	20	
Aroclor-1016 Peak # 2	B	AVRG		21.3693		0.0468	20	10	.99	20	
Aroclor-1016 Peak # 3	B	AVRG		17.7590		0.0563	14	9	.99	20	
Aroclor-1016 Peak # 4	B	AVRG		24.6742		0.0405	16	10	.99	20	
Aroclor-1016 Peak # 5	B	AVRG		46.2568		0.0216	9	8	.99	20	
Aroclor-1260 Peak # 1	B	AVRG		17.7291		0.0564	17	10	.99	20	
Aroclor-1260 Peak # 2	B	AVRG		15.7244		0.0636	15	9	.99	20	
Aroclor-1260 Peak # 3	B	AVRG		12.2876		0.0814	17	9	.99	20	
Aroclor-1260 Peak # 4	B	AVRG		21.0371		0.0475	17	10	.99	20	
Aroclor-1260 Peak # 5	B	AVRG		14.5138		0.0689	12	9	.99	20	
Decachlorobiphenyl (PCB)	B	AVRG		0.94680		1.0562	17	9	.99	20	
TCMX (PCB)	B	AVRG		0.94258		1.0609	15	10	.99	20	

Instrument amount = a0 + (response × a1) + (response² × a2)
AVRG: Average response factor

ENTHALPY INITIAL CALIBRATION FOR 486134 PCBS Wipe: EPA 8082

Instrument:	SVOA-GC06	Name:	PCB_052223_1
Calibration #:	453205686001	Date:	22-MAY-2023 20:06
Units:	ug/L	X Axis:	R

Analyte	Ch	L1 RF	L2 RF	L3 RF	L4 RF	L5 RF	L6 RF	L7 RF	L8 RF	L9 RF	L10 RF
Aroclor-1016 Peak # 1	A		0.0276	0.0245	0.0234	0.0239	0.0218	0.0206	0.0212	0.0184	0.0193
Aroclor-1016 Peak # 2	A		0.0566	0.0518	0.0480	0.0481	0.0439	0.0411	0.0427	0.0366	0.0387
Aroclor-1016 Peak # 3	A		0.0762	0.0633	0.0599	0.0612	0.0560	0.0519	0.0548	0.0476	0.0502
Aroclor-1016 Peak # 4	A		0.0443	0.0367	0.0358	0.0370	0.0341	0.0322	0.0341	0.0290	0.0309
Aroclor-1016 Peak # 5	A			0.0344	0.0292	0.0286	0.0264	0.0247	0.0261	0.0216	0.0226
Aroclor-1260 Peak # 1	A		0.0851	0.0711	0.0682	0.0709	0.0625	0.0605	0.0668	0.0525	0.0577
Aroclor-1260 Peak # 2	A		0.1294	0.1093	0.1026	0.1091	0.0961	0.0930	0.1010	0.0808	0.0875
Aroclor-1260 Peak # 3	A	0.1581	0.1289	0.1077	0.1032	0.1094	0.0971	0.0948	0.1043	0.0834	0.0921
Aroclor-1260 Peak # 4	A	0.0772	0.0641	0.0593	0.0559	0.0620	0.0553	0.0543	0.0597	0.0476	0.0524
Aroclor-1260 Peak # 5	A	0.1231	0.0945	0.0875	0.0849	0.1002	0.0893	0.0878	0.0975	0.0775	0.0870
Decachlorobiphenyl (PCB)	A		1.7632	1.3406	1.2120	1.5128	1.4154	1.3028	1.3203	1.0100	1.1344
TCMX (PCB)	A		1.3115	1.0954	1.0188	1.2898	0.9794	0.9774	1.0276	0.9022	0.9898
Aroclor-1016 Peak # 1	B	0.0287	0.0231	0.0220	0.0204	0.0214	0.0200	0.0189	0.0193	0.0169	0.0175
Aroclor-1016 Peak # 2	B	0.0611	0.0630	0.0503	0.0468	0.0471	0.0433	0.0407	0.0419	0.0361	0.0376
Aroclor-1016 Peak # 3	B		0.0724	0.0632	0.0574	0.0590	0.0541	0.0509	0.0542	0.0462	0.0495
Aroclor-1016 Peak # 4	B	0.0559	0.0462	0.0417	0.0392	0.0416	0.0384	0.0365	0.0384	0.0328	0.0345
Aroclor-1016 Peak # 5	B			0.0241	0.0220	0.0240	0.0220	0.0210	0.0220	0.0185	0.0193
Aroclor-1260 Peak # 1	B	0.0735	0.0722	0.0592	0.0548	0.0579	0.0517	0.0503	0.0540	0.0436	0.0468
Aroclor-1260 Peak # 2	B		0.0821	0.0695	0.0652	0.0682	0.0603	0.0584	0.0633	0.0506	0.0547
Aroclor-1260 Peak # 3	B	0.1108	0.0964	0.0809	0.0765	0.0815	0.0731	0.0718	0.0782	0.0632	
Aroclor-1260 Peak # 4	B	0.0660	0.0527	0.0493	0.0467	0.0491	0.0448	0.0412	0.0471	0.0378	0.0406
Aroclor-1260 Peak # 5	B		0.0860	0.0731	0.0692	0.0734	0.0655	0.0644	0.0708	0.0560	0.0616
Decachlorobiphenyl (PCB)	B		1.3936	1.1048	0.9715	1.1986	1.1264	1.0333	1.0299	0.7901	0.8576
TCMX (PCB)	B	1.3332	1.2621	1.0653	1.0656	1.2201	0.9321	0.9733	0.9760	0.8587	0.9229

ENTHALPY INITIAL CALIBRATION FOR 486134 PCBS Wipe: EPA 8082

Instrument:	SVOA-GC06	Name:	PCB_052223_1
Calibration #:	453205686001	Date:	22-MAY-2023 20:06
Units:	ug/L	X Axis:	R

Spiked Amounts / Drifts	Ch	L1	%D	L2	%D	L3	%D	L4	%D	L5	%D	L6	%D	L7	%D	L8	%D
Aroclor-1016 Peak # 1	A			20.000	**24**	50.000	10	100.00	5	250.00	7	500.00	-2	749.91	-8	1000.0	-5
Aroclor-1016 Peak # 2	A			20.000	**25**	50.000	14	100.00	6	250.00	6	500.00	-3	749.91	-9	1000.0	-6
Aroclor-1016 Peak # 3	A			20.000	**32**	50.000	9	100.00	3	250.00	6	500.00	-3	749.91	-10	1000.0	-5
Aroclor-1016 Peak # 4	A			20.000	**27**	50.000	5	100.00	2	250.00	6	500.00	-2	749.91	-8	1000.0	-2
Aroclor-1016 Peak # 5	A					50.000	**29**	100.00	9	250.00	7	500.00	-1	749.91	-7	1000.0	-2
Aroclor-1260 Peak # 1	A			20.000	**29**	50.000	8	100.00	3	250.00	7	500.00	-6	749.91	-9	1000.0	1
Aroclor-1260 Peak # 2	A			20.000	**28**	50.000	8	100.00	2	250.00	8	500.00	-5	749.91	-8	1000.0	0
Aroclor-1260 Peak # 3	A	10.000	47	20.000	19	50.000	0	100.00	-4	250.00	1	500.00	-10	749.91	-12	1000.0	-3
Aroclor-1260 Peak # 4	A	10.000	31	20.000	9	50.000	1	100.00	-5	250.00	6	500.00	-6	749.91	-8	1000.0	1
Aroclor-1260 Peak # 5	A	10.000	32	20.000	2	50.000	-6	100.00	-9	250.00	8	500.00	-4	749.91	-6	1000.0	5
Decachlorobiphenyl (PCB)	A			1.6000	**32**	4.0000	0	8.0000	-9	20.000	13	40.000	6	59.993	-2	80.000	-1
TCMX (PCB)	A			1.6000	**23**	4.0000	3	8.0000	-4	20.000	**21**	40.000	-8	59.993	-8	80.000	-4
Aroclor-1016 Peak # 1	B	10.000	38	20.000	11	50.000	6	100.00	-2	250.00	3	500.00	-4	749.91	-9	1000.0	-7
Aroclor-1016 Peak # 2	B	10.000	31	20.000	**35**	50.000	8	100.00	0	250.00	1	500.00	-7	749.91	-13	1000.0	-10
Aroclor-1016 Peak # 3	B			20.000	**29**	50.000	12	100.00	2	250.00	5	500.00	-4	749.91	-10	1000.0	-4
Aroclor-1016 Peak # 4	B	10.000	38	20.000	14	50.000	3	100.00	-3	250.00	3	500.00	-5	749.91	-10	1000.0	-5
Aroclor-1016 Peak # 5	B					50.000	11	100.00	2	250.00	11	500.00	2	749.91	-3	1000.0	2
Aroclor-1260 Peak # 1	B	10.000	30	20.000	**28**	50.000	5	100.00	-3	250.00	3	500.00	-8	749.91	-11	1000.0	-4
Aroclor-1260 Peak # 2	B			20.000	**29**	50.000	9	100.00	3	250.00	7	500.00	-5	749.91	-8	1000.0	0
Aroclor-1260 Peak # 3	B	10.000	36	20.000	18	50.000	-1	100.00	-6	250.00	0	500.00	-10	749.91	-12	1000.0	-4
Aroclor-1260 Peak # 4	B	10.000	39	20.000	11	50.000	4	100.00	-2	250.00	3	500.00	-6	749.91	-13	1000.0	-1
Aroclor-1260 Peak # 5	B			20.000	**25**	50.000	6	100.00	0	250.00	6	500.00	-5	749.91	-7	1000.0	3
Decachlorobiphenyl (PCB)	B			1.6000	**32**	4.0000	5	8.0000	-8	20.000	13	40.000	7	59.993	-2	80.000	-2
TCMX (PCB)	B	0.8000	26	1.6000	19	4.0000	0	8.0000	0	20.000	15	40.000	-12	59.993	-8	80.000	-8

ENTHALPY INITIAL CALIBRATION FOR 486134 PCBS Wipe: EPA 8082

Instrument:	SVOA-GC06	Name:	PCB_052223_1
Calibration #:	453205686001	Date:	22-MAY-2023 20:06
Units:	ug/L	X Axis:	R

Spiked Amounts / Drifts	Ch	L9	%D	L10	%D
Aroclor-1016 Peak # 1	A	1500.0	-17	2000.0	-13
Aroclor-1016 Peak # 2	A	1500.0	-19	2000.0	-15
Aroclor-1016 Peak # 3	A	1500.0	-18	2000.0	-13
Aroclor-1016 Peak # 4	A	1500.0	-17	2000.0	-11
Aroclor-1016 Peak # 5	A	1500.0	-19	2000.0	-15
Aroclor-1260 Peak # 1	A	1500.0	**-21**	2000.0	-13
Aroclor-1260 Peak # 2	A	1500.0	-20	2000.0	-13
Aroclor-1260 Peak # 3	A	1500.0	**-23**	2000.0	-15
Aroclor-1260 Peak # 4	A	1500.0	-19	2000.0	-11
Aroclor-1260 Peak # 5	A	1500.0	-17	2000.0	-6
Decachlorobiphenyl (PCB)	A	120.00	**-24**	160.00	-15
TCMX (PCB)	A	120.00	-15	160.00	-7
Aroclor-1016 Peak # 1	B	1500.0	-19	2000.0	-16
Aroclor-1016 Peak # 2	B	1500.0	**-23**	2000.0	-20
Aroclor-1016 Peak # 3	B	1500.0	-18	2000.0	-12
Aroclor-1016 Peak # 4	B	1500.0	-19	2000.0	-15
Aroclor-1016 Peak # 5	B	1500.0	-15	2000.0	-11
Aroclor-1260 Peak # 1	B	1500.0	**-23**	2000.0	-17
Aroclor-1260 Peak # 2	B	1500.0	-20	2000.0	-14
Aroclor-1260 Peak # 3	B	1500.0	**-22**		
Aroclor-1260 Peak # 4	B	1500.0	-20	2000.0	-15
Aroclor-1260 Peak # 5	B	1500.0	-19	2000.0	-11
Decachlorobiphenyl (PCB)	B	120.00	**-25**	160.00	-19
TCMX (PCB)	B	120.00	-19	160.00	-13

TRN 05/23/23 : Manually integrated for coeluting peak, negative/tailing peak for one/both channels on multiple levels

Analyst: TRN 05/23/23

Reviewer: LW 05/23/23

ENTHALPY 2ND SOURCE CALIBRATION SUMMARY FOR 486134 PCBS Wipe

EPA 8082

Inst:	SVOA-GC06	Name:	PCB_052223_1
Calnum:	453205686001	Cal Date:	22-MAY-2023

- ICV 453205686031 (gc06_052223031 22-MAY-2023) stds: S18189

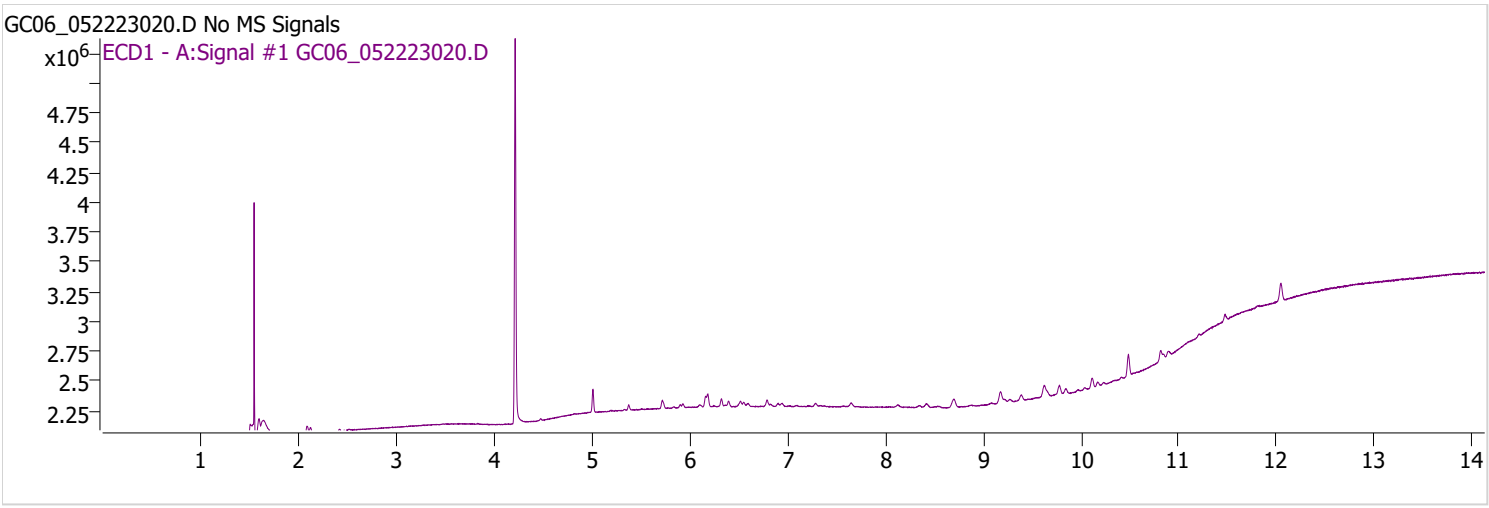
Analyte	Ch	Spiked	Quant	Units	%D	Max	Flags
Aroclor-1016	A	500.0	428.3	ug/L	-14	15	
Aroclor-1260	A	500.0	486.3	ug/L	-3	15	
Aroclor-1016	B	500.0	432.4	ug/L	-14	15	
Aroclor-1260	B	500.0	476.3	ug/L	-5	15	

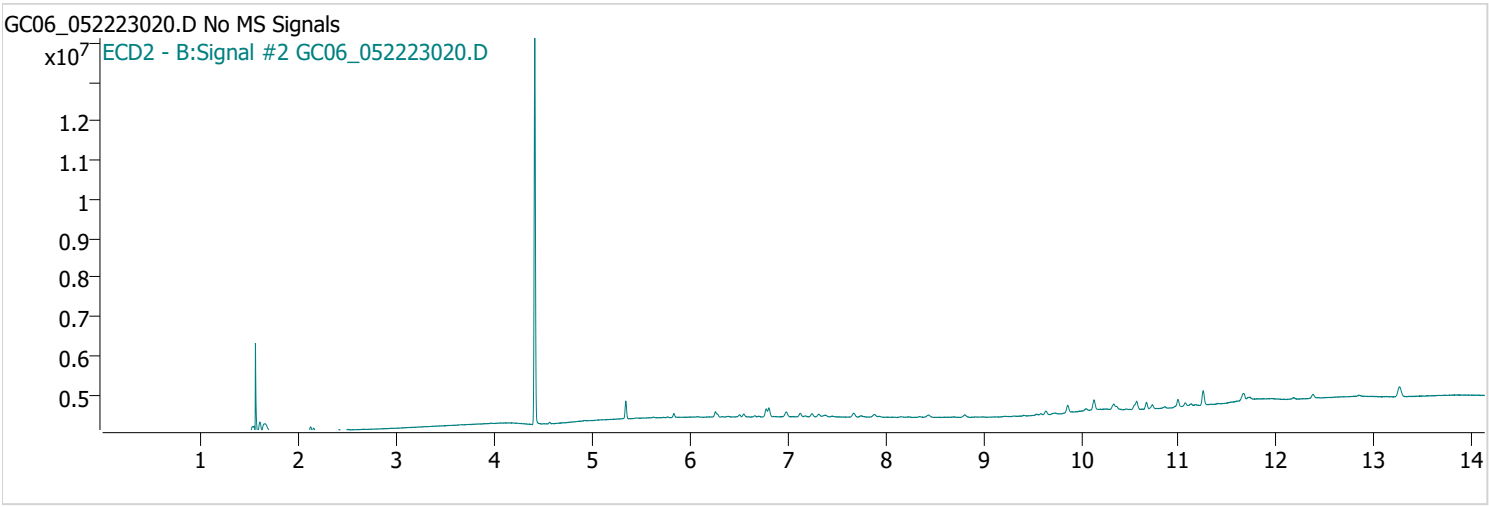
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Analyst: TRN 05/23/23 **Reviewer:** LW 05/23/23

Quantitation Results Report (Not Reviewed)

Data File	GC06_052223020.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	5/22/2023 8:06:46 PM
Sample Name	ICAL, S18179	Instrument	SVOA-GC06
Vial	11	Multiplier	1.00
DA Method File	PCB_608_052223_GC06_1.m	Comment	
Tune File	ATUNE.U	Tune Date	
Batch Name	052223PCBICAL.batch.bin	Last Calib Update	5/23/2023 1:35:07 PM
Ref Library			



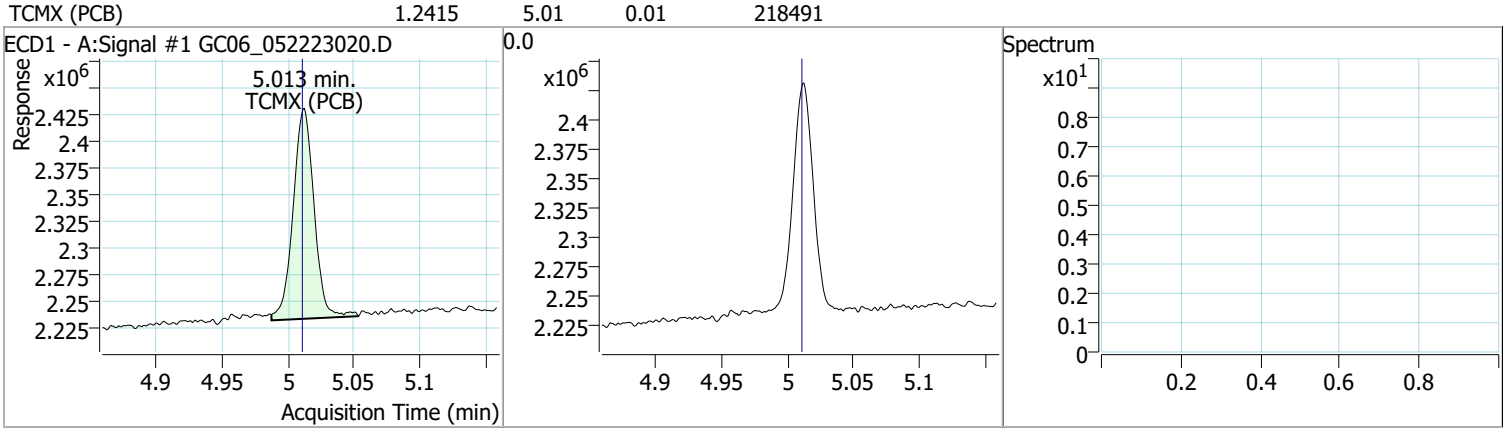


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1-bromo-2-nitrobenzene (PCB)	4.218	0.0	3319808.327	20.0000	ng/ml		0.008
M 1-bromo-2-nitrobenzene (PCB) #2	4.418	0.0	8866253.650	20.0000	ng/ml		0.000
System Monitoring Compounds							
S TCMX (PCB)	5.013	0.0	218490.563	1.2415	ng/ml		0.011
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 6.21%		*	
S TCMX (PCB) #2	5.348	0.0	472805.108	1.0082	ng/ml		0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 5.04%		*	
S Decachlorobiphenyl (PCB)	12.044	0.0	291518.580	1.3267	ng/ml		0.023
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 6.63%		*	
S Decachlorobiphenyl (PCB) #2	13.258	0.0	632444.173	1.3581	ng/ml		0.010
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 6.79%		*	
Target Compounds							QValue
T AR1016 1	5.378	0.0	61309.165	16.6853	ng/ml		100
T AR1016 2	5.723	0.0	117562.640	15.6669	ng/ml		100
T AR1016 1 #2	5.840	0.0	127309.840	13.8000	ng/ml		100

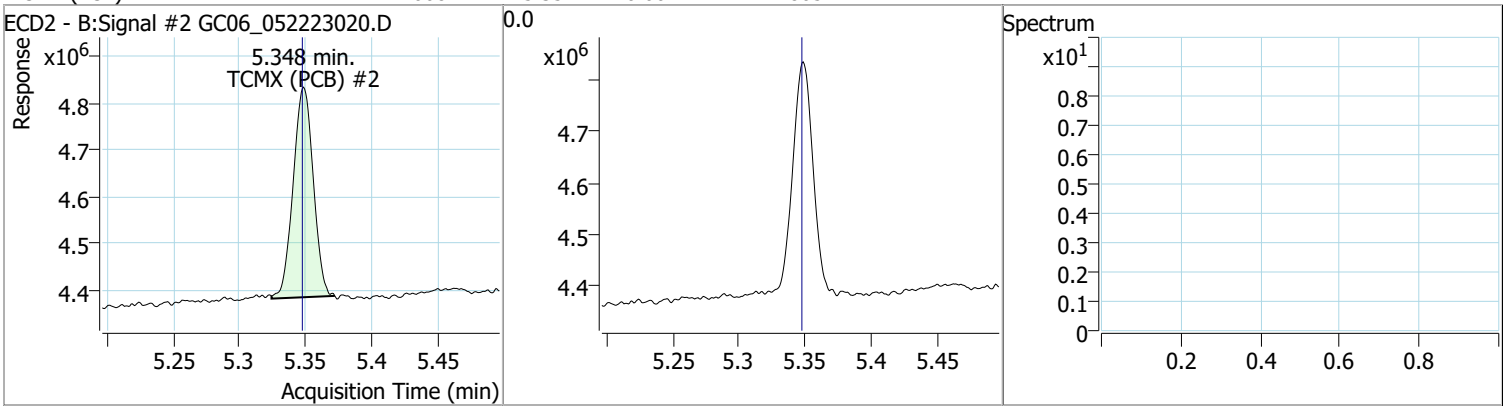
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T AR1016 3	6.187	0.0	155866.244	16.2850	ng/ml	m	100
T AR1016 2 #2	6.263	0.0	270742.302	13.0744	ng/ml		100
T AR1016 4	6.326	0.0	91736.550	15.5636	ng/ml		100
T AR1016 5	6.520	0.0	84019.148	19.2055	ng/ml		100
T AR1016 3 #2	6.811	0.0	386894.363	15.5439	ng/ml		100
T AR1016 4 #2	6.988	0.0	247753.500	13.8049	ng/ml		100
T AR1016 5 #2	7.251	0.0	141832.892	14.1157	ng/ml		100
T AR1260 1	8.701	0.0	181061.273	16.5041	ng/ml		100
T AR1260 2	9.178	0.0	267356.534	16.0212	ng/ml		100
T AR1260 3	9.623	0.0	262363.997	14.6680	ng/ml		100
T AR1260 1 #2	9.865	0.0	325692.704	12.9688	ng/ml		100
T AR1260 4	10.113	0.0	128136.380	13.1049	ng/ml		100
T AR1260 2 #2	10.133	0.0	490944.388	17.2965	ng/ml		100
T AR1260 3 #2	10.568	0.0	491203.187	13.4841	ng/ml		100
T AR1260 5	10.816	0.0	204319.500	12.8466	ng/ml		100
T AR1260 4 #2	10.990	0.0	292791.859	13.7527	ng/ml	m	100
T AR1260 5 #2	11.664	0.0	432968.877	13.9975	ng/ml		100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

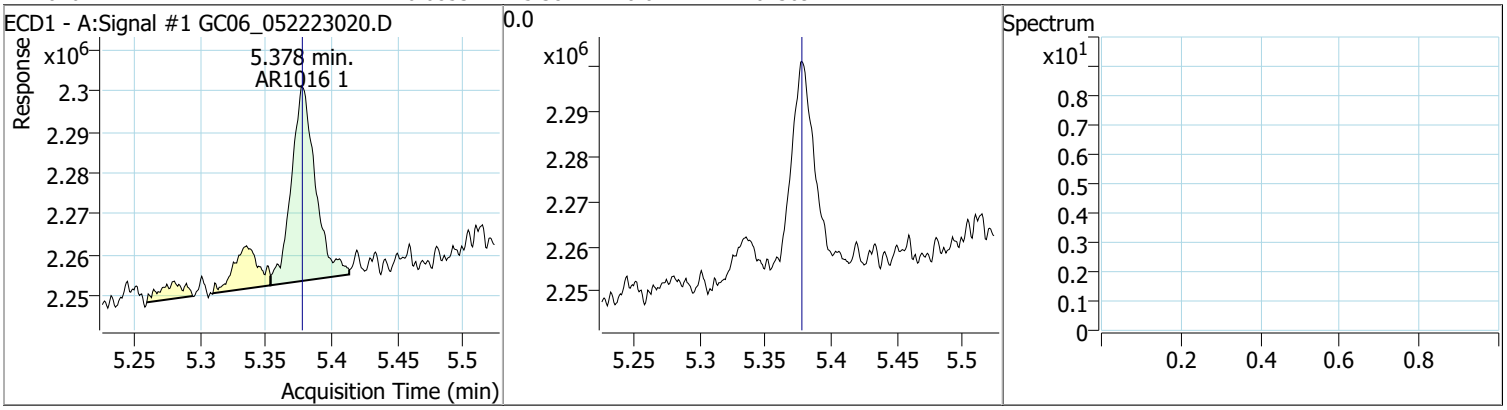
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	1.2415	5.01	0.01	218491				



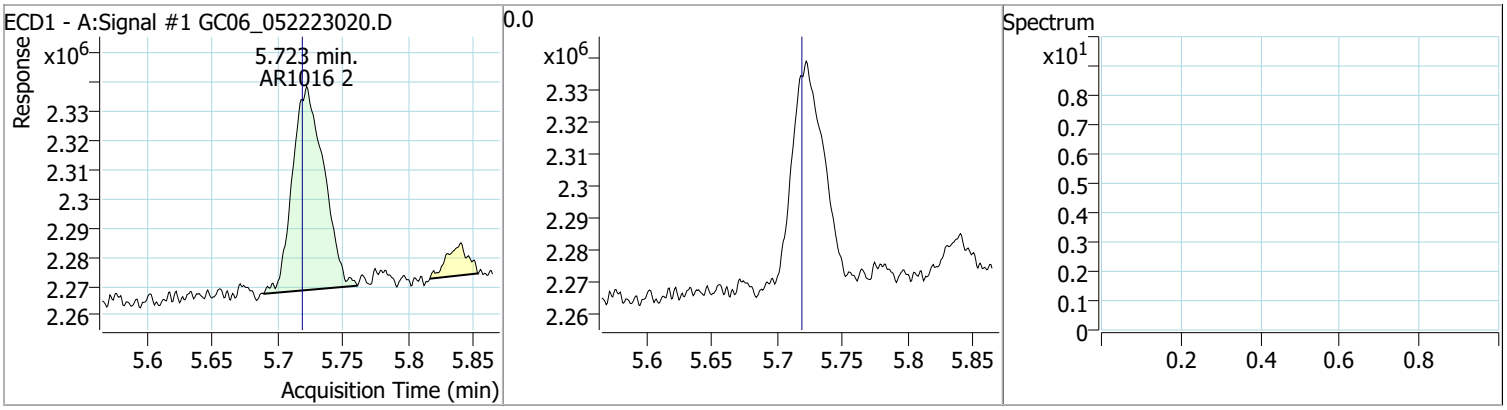
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB) #2	1.0082	5.35	0.00	472805				



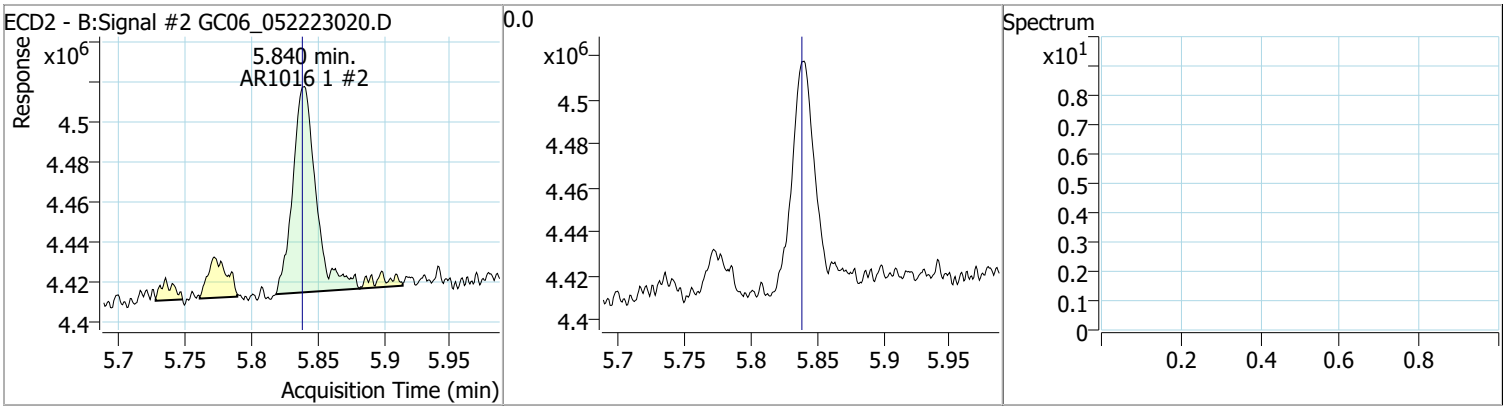
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	16.6853	5.38	0.01	61309				



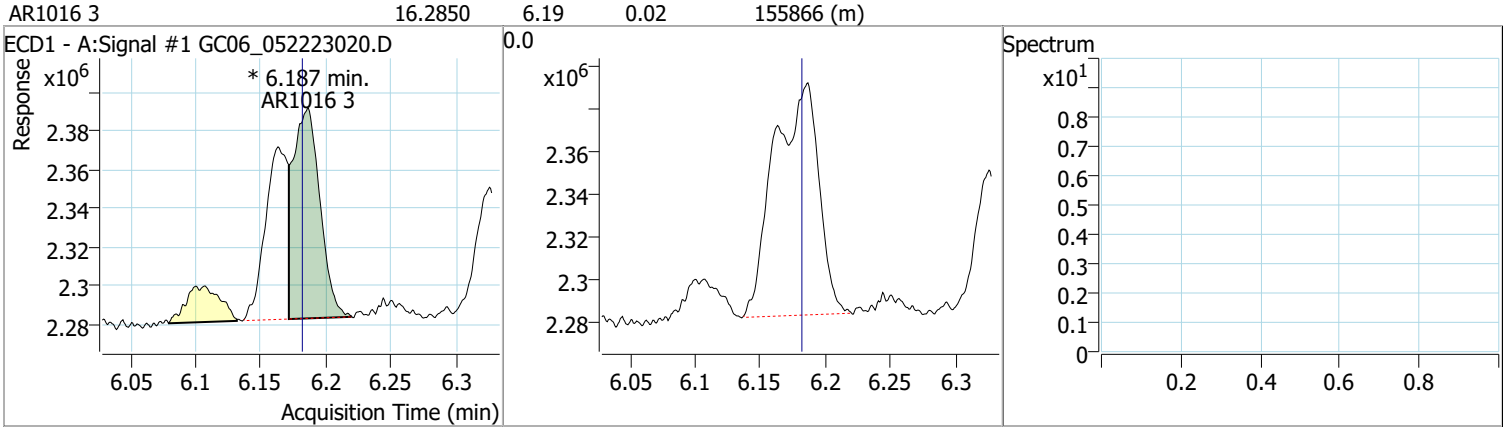
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	15.6669	5.72	0.01	117563				



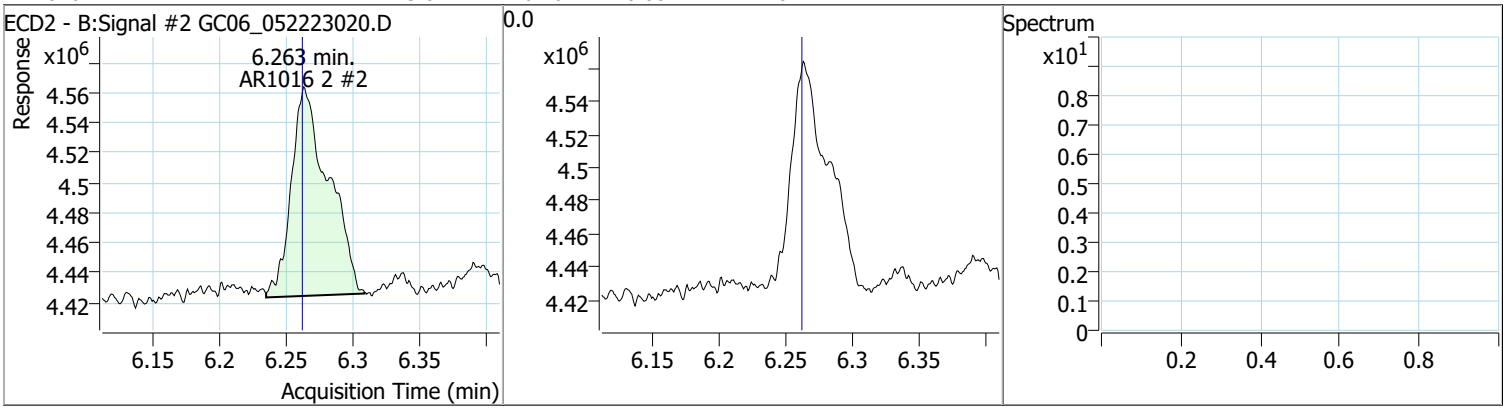
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1 #2	13.8000	5.84	0.00	127310				



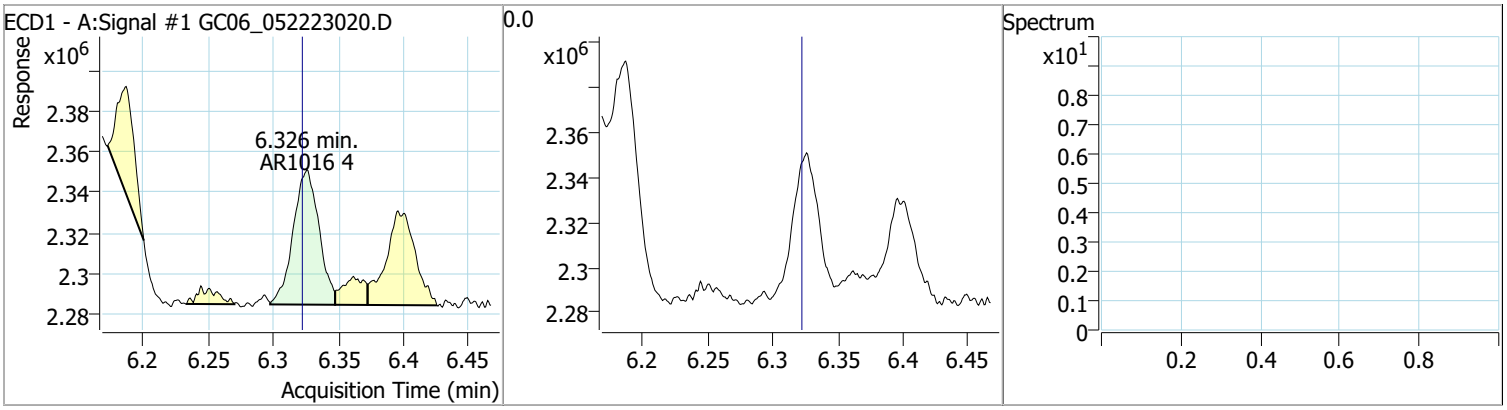
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	16.2850	6.19	0.02	155866 (m)				



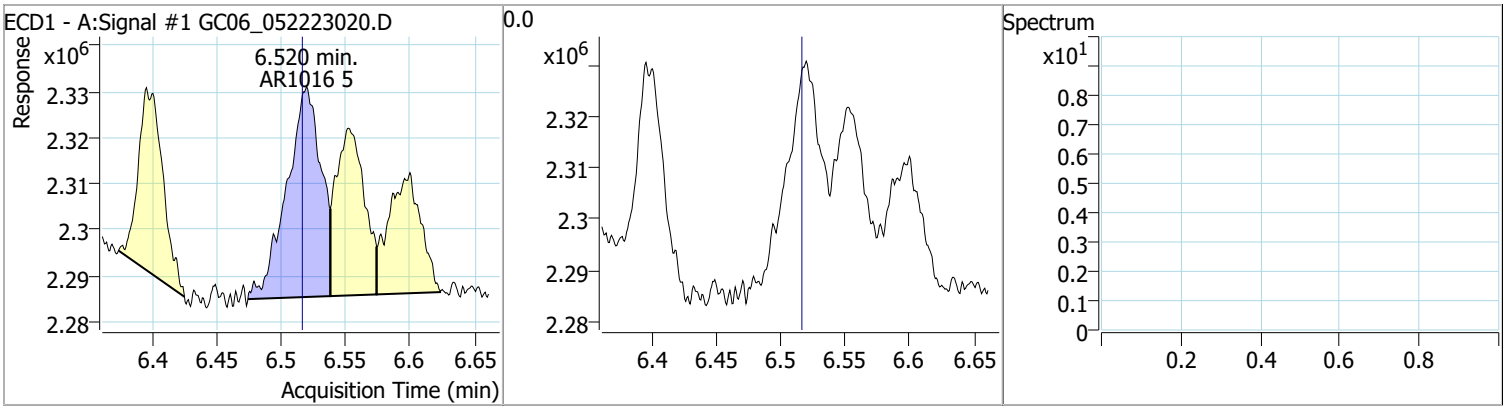
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	13.0744	6.26	0.00	270742				



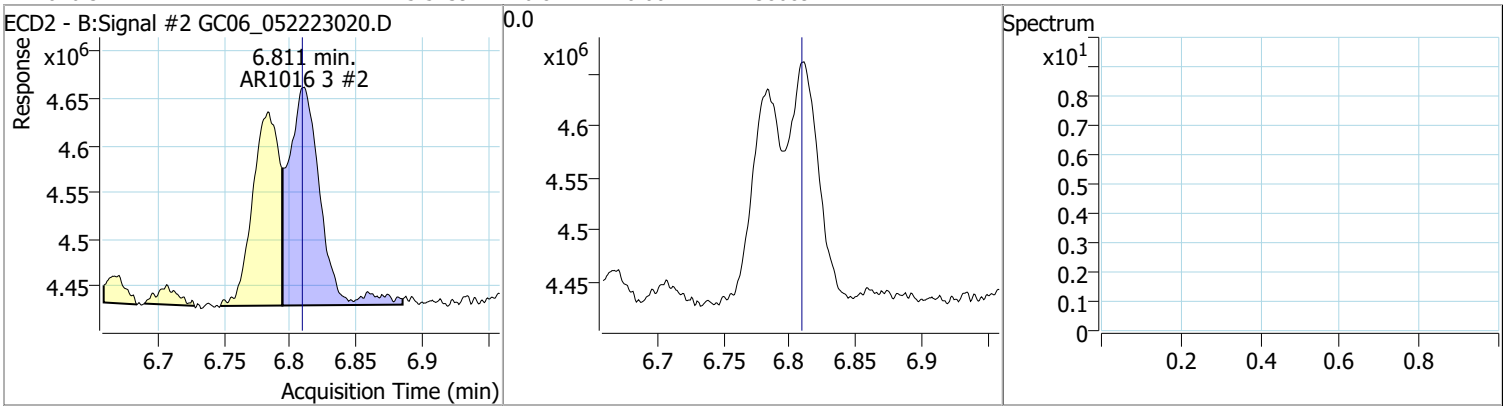
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4	15.5636	6.33	0.02	91737				



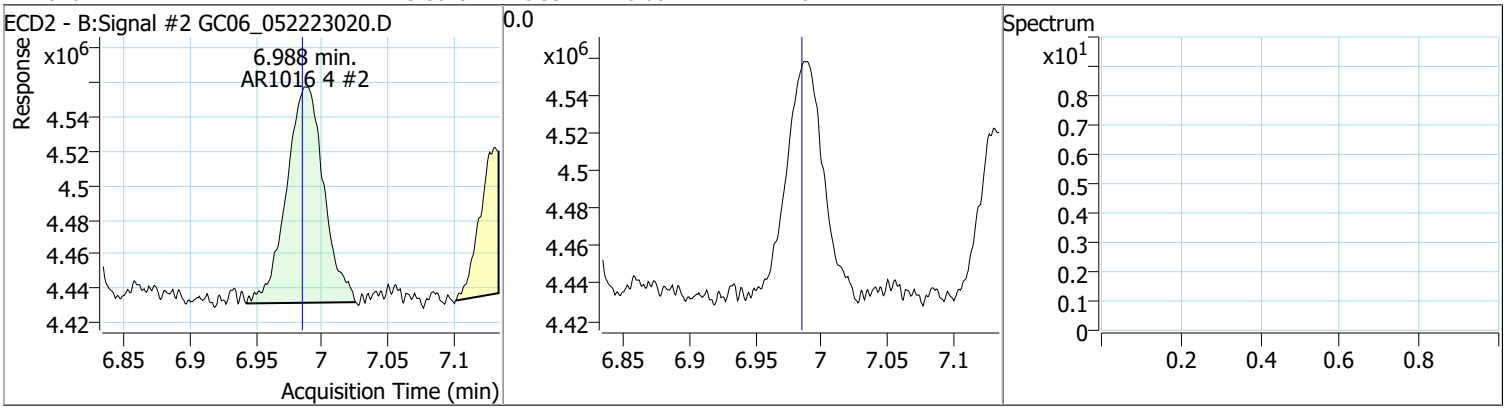
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	19.2055	6.52	0.02	84019				



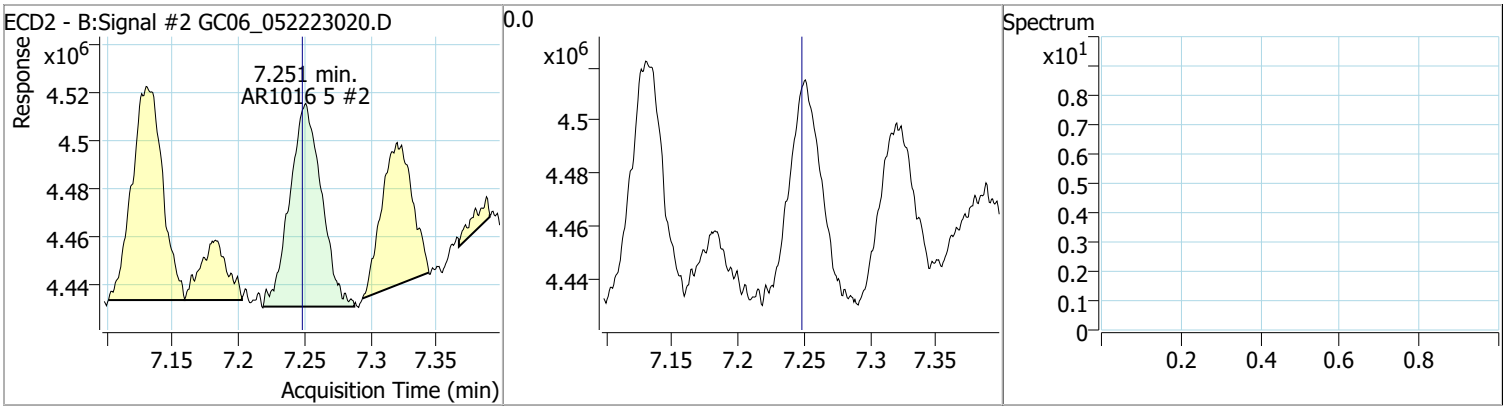
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	15.5439	6.81	0.00	386894				



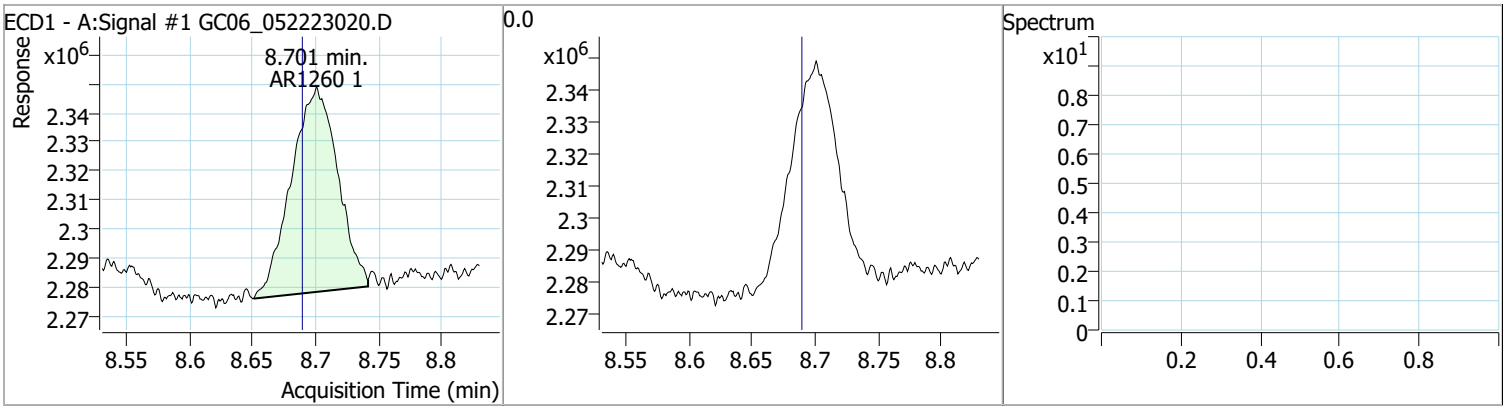
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4 #2	13.8049	6.99	0.00	247754				



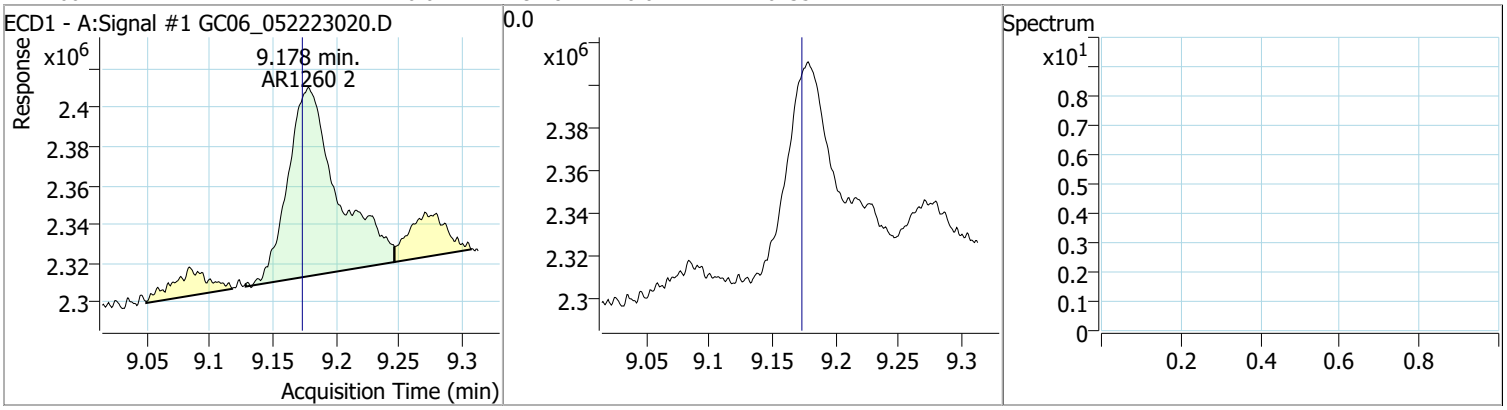
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	14.1157	7.25	0.00	141833				



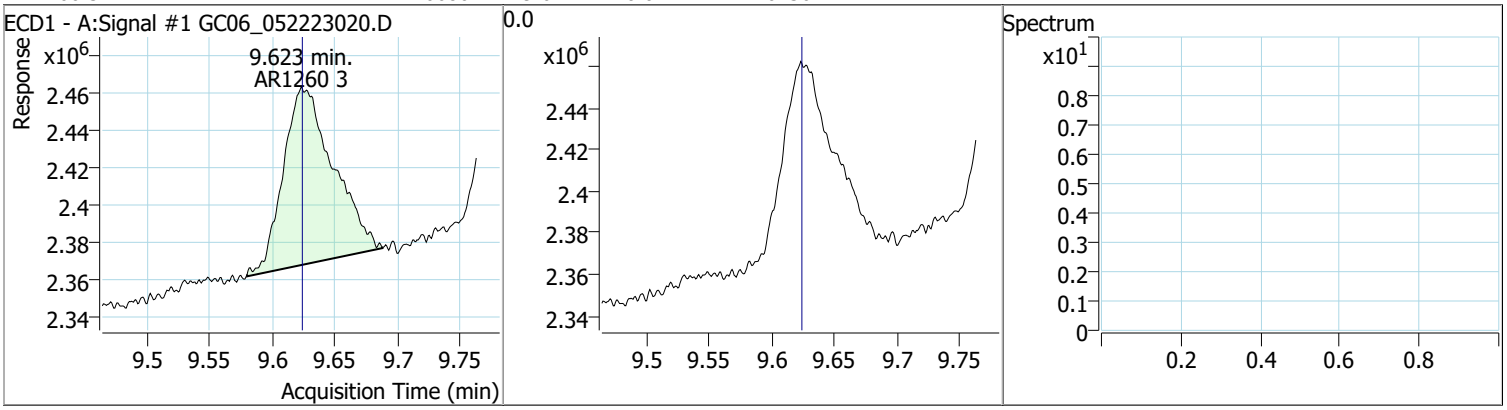
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	16.5041	8.70	0.03	181061				



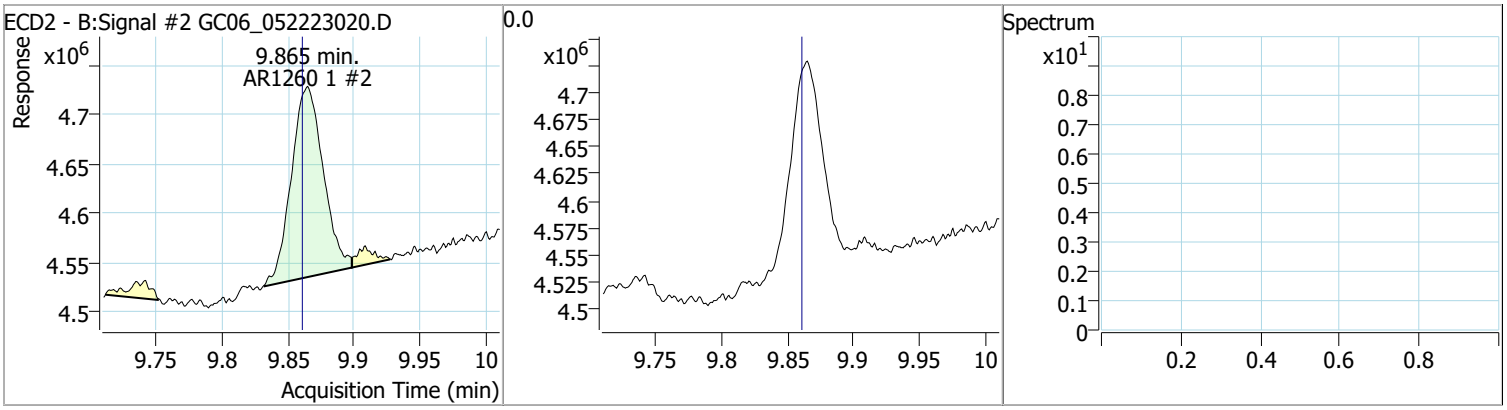
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	16.0212	9.18	0.02	267357				



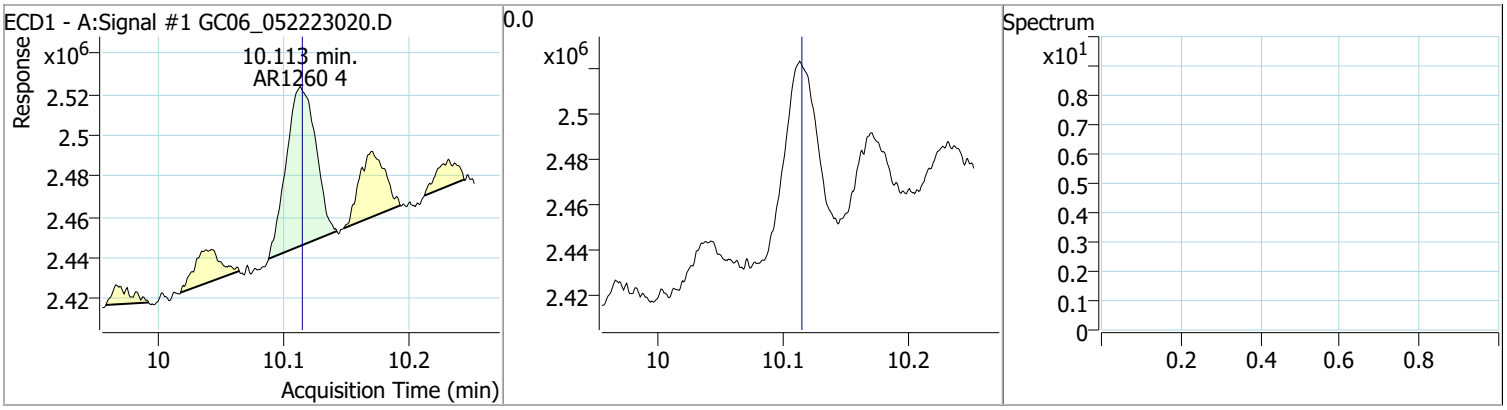
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3	14.6680	9.62	0.02	262364				



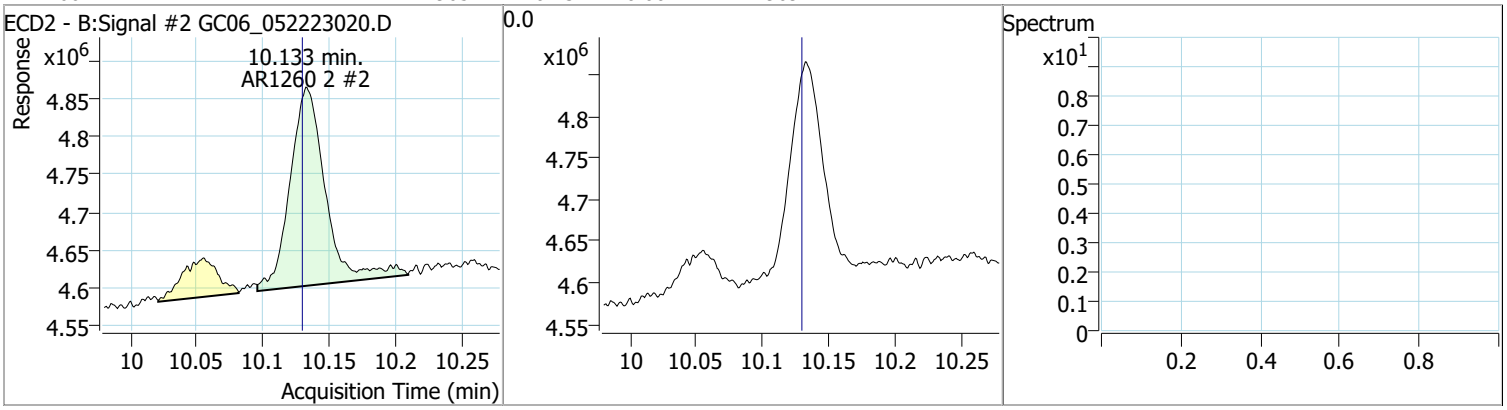
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1 #2	12.9688	9.87	0.00	325693				



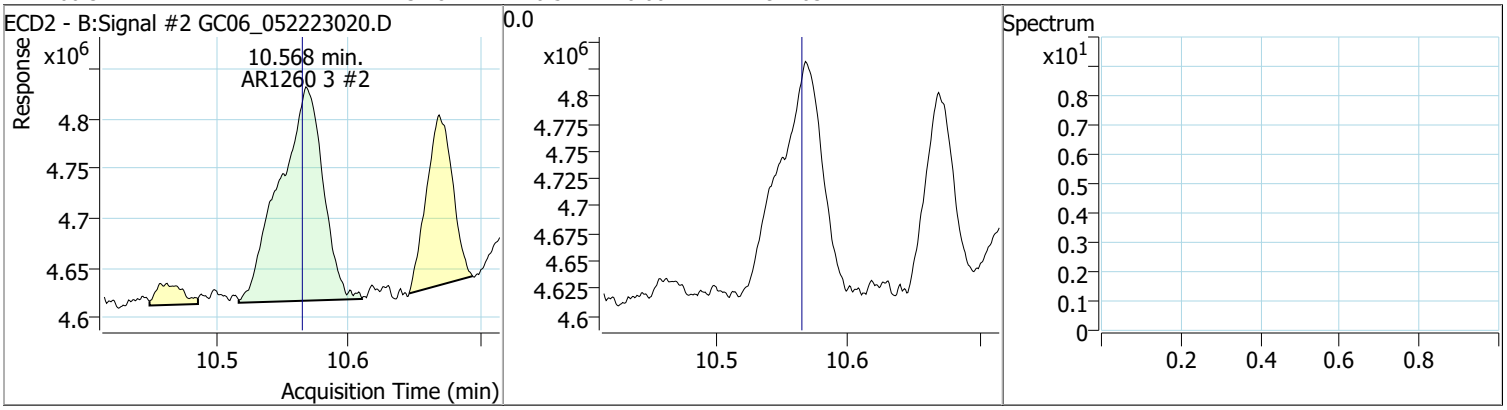
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4	13.1049	10.11	0.02	128136				



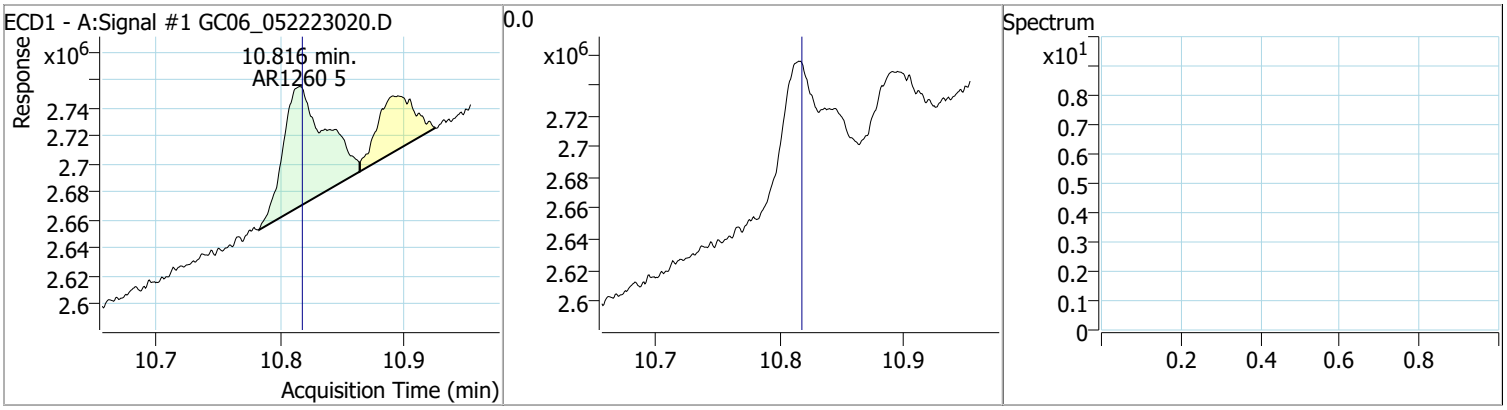
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	17.2965	10.13	0.00	490944				



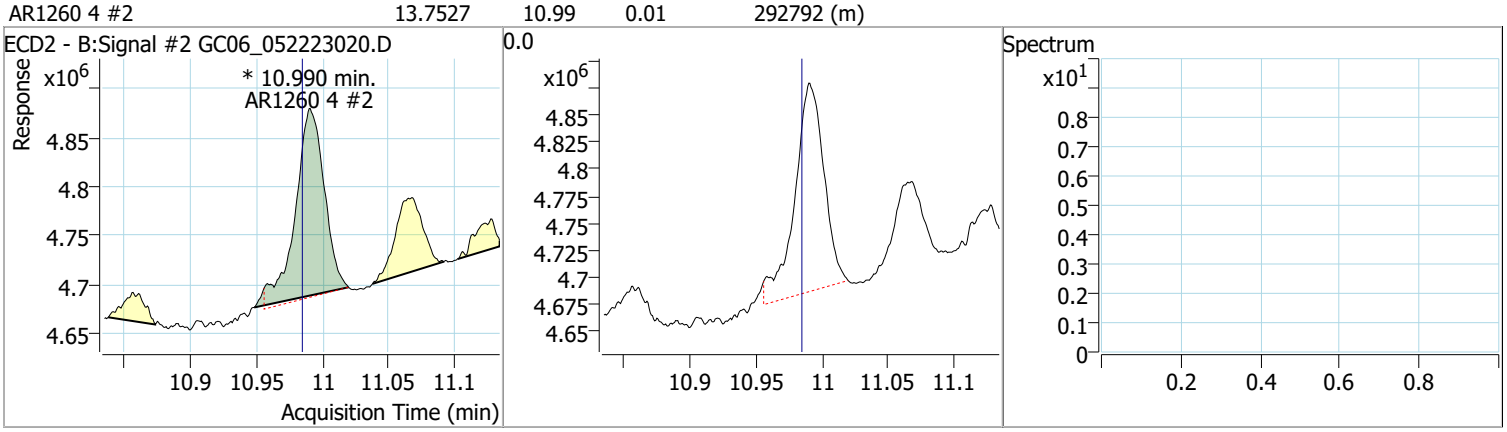
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3 #2	13.4841	10.57	0.00	491203				



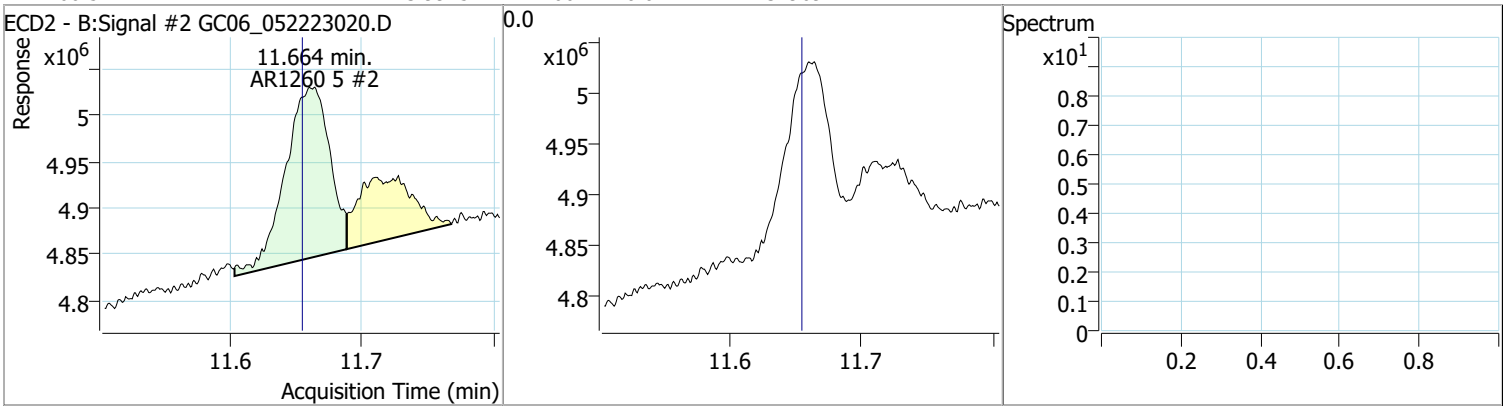
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	12.8466	10.82	0.02	204319				



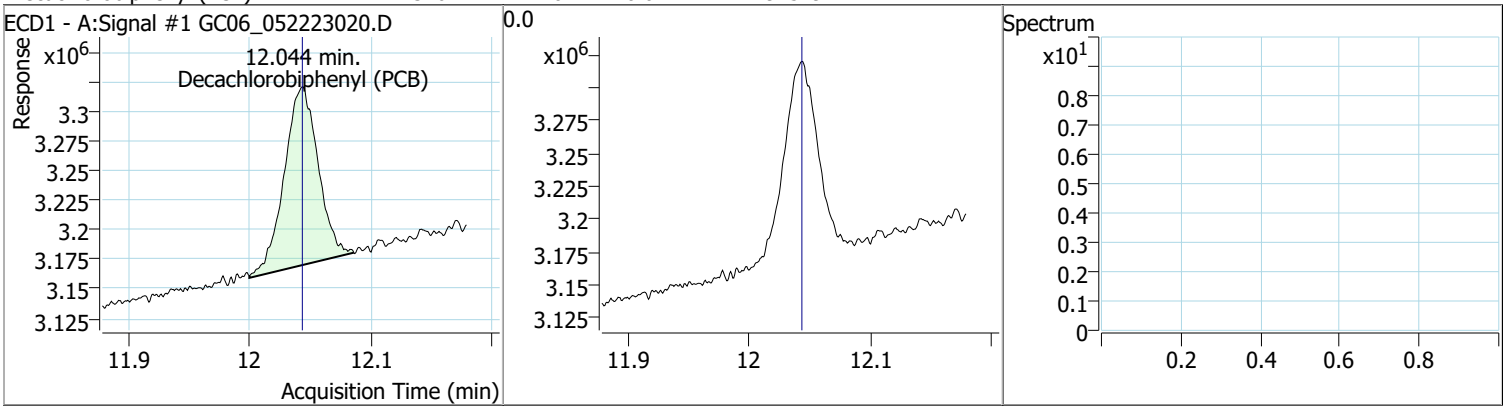
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	13.7527	10.99	0.01	292792 (m)				



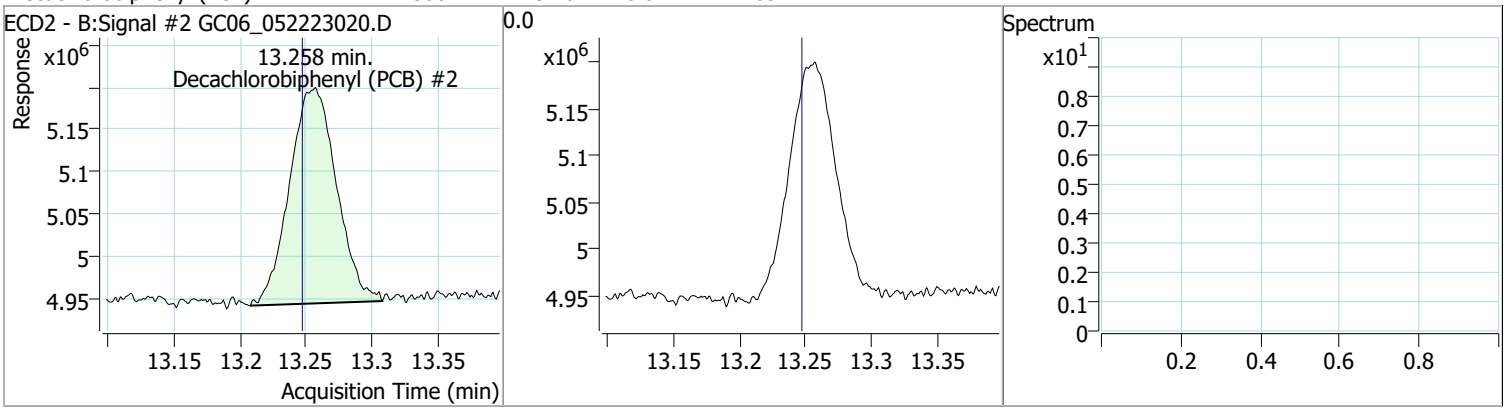
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	13.9975	11.66	0.01	432969				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	1.3267	12.04	0.02	291519				

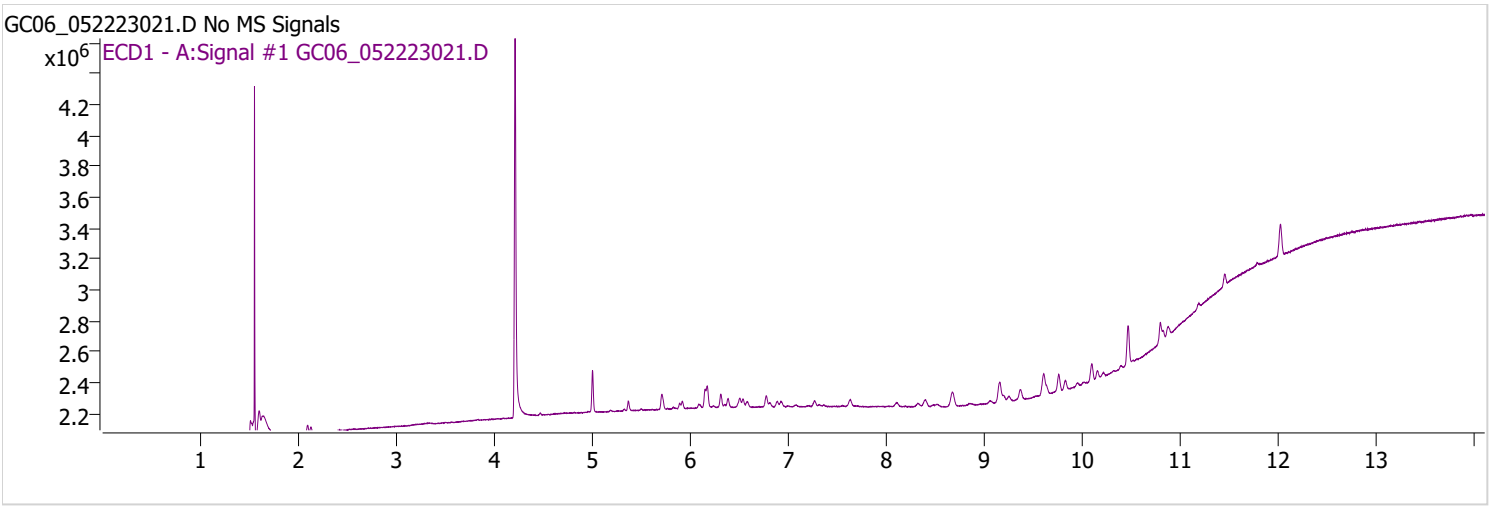


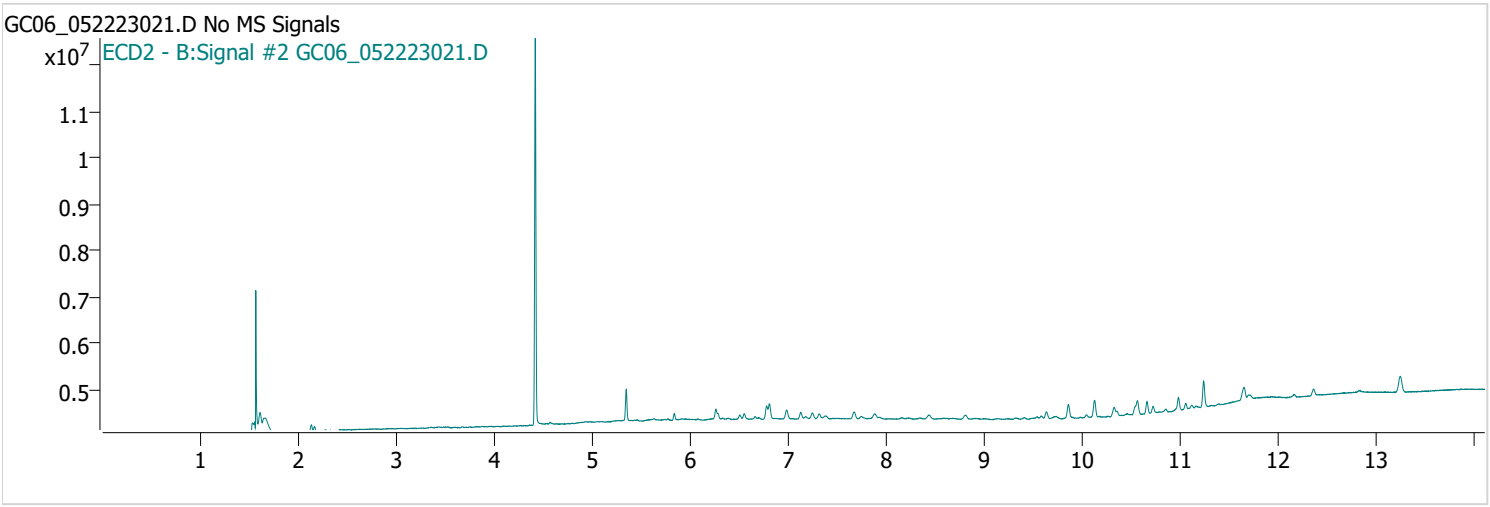
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	1.3581	13.26	0.01	632444				



Quantitation Results Report (Not Reviewed)

Data File	GC06_052223021.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	5/22/2023 8:24:57 PM
Sample Name	ICAL, S18180	Instrument	SVOA-GC06
Vial	12	Multiplier	1.00
DA Method File	PCB_608_052223_GC06_1.m	Comment	
Tune File	ATUNE.U	Tune Date	
Batch Name	052223PCBICAL.batch.bin	Last Calib Update	5/23/2023 1:35:07 PM
Ref Library			



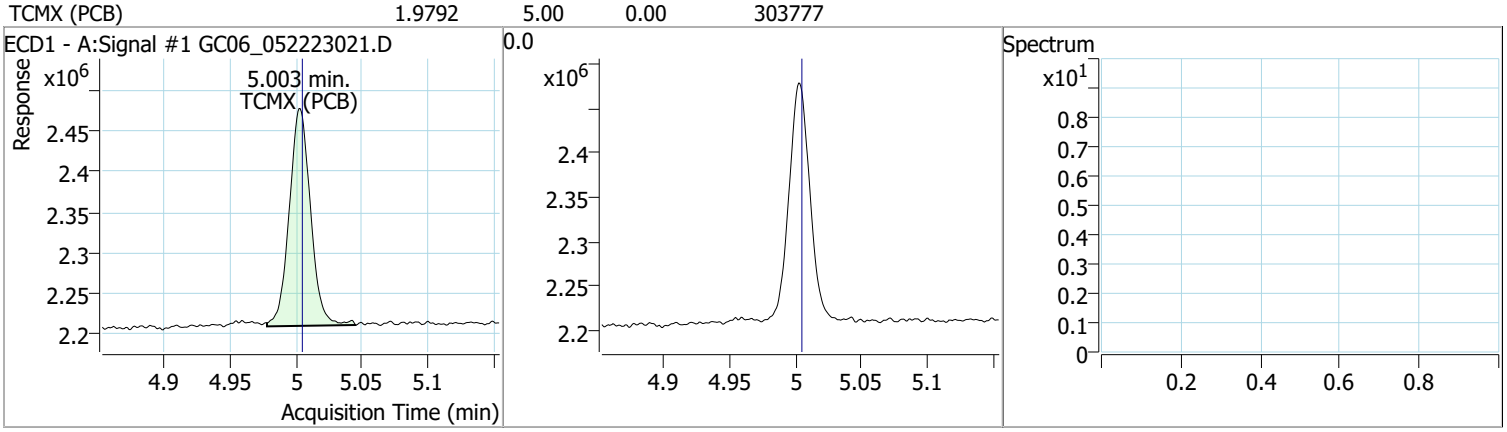


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1-bromo-2-nitrobenzene (PCB)	4.213	0.0	2895344.441	20.0000	ng/ml		0.003
M 1-bromo-2-nitrobenzene (PCB) #2	4.418	0.0	7570414.192	20.0000	ng/ml		0.000
System Monitoring Compounds							
S TCMX (PCB)	5.003	0.0	303777.472	1.9792	ng/ml		0.002
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 9.90%		*	
S TCMX (PCB) #2	5.348	0.0	764383.122	1.9089	ng/ml		0.000
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 9.54%		*	
S Decachlorobiphenyl (PCB)	12.029	0.0	408400.785	2.1312	ng/ml		0.008
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 10.66%		*	
S Decachlorobiphenyl (PCB) #2	13.253	0.0	844002.434	2.1227	ng/ml		0.005
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 10.61%		*	
Target Compounds							**QValue**
T AR1016 1	5.368	0.0	79790.931	24.8987	ng/ml	m	100
T AR1016 2	5.711	0.0	163841.543	25.0351	ng/ml		100
T AR1016 1 #2	5.838	0.0	174515.852	22.1550	ng/ml		100

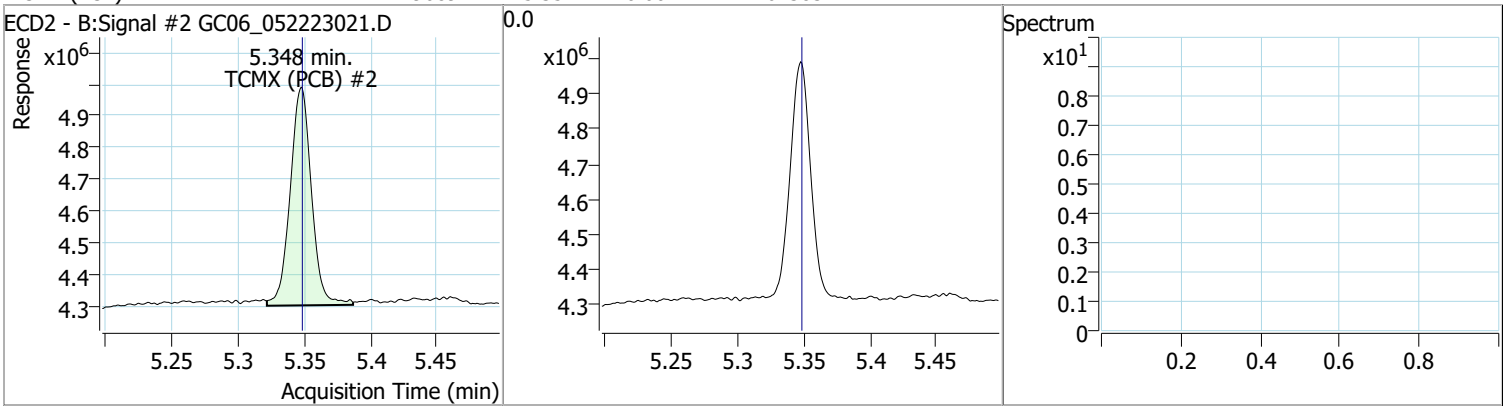
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T AR1016 3	6.175	0.0	220523.220	26.4181	ng/ml		100
T AR1016 2 #2	6.263	0.0	477082.623	26.9823	ng/ml		100
T AR1016 4	6.313	0.0	128324.919	24.9627	ng/ml		100
T AR1016 5	6.507	0.0	115071.070	30.1596	ng/ml		100
T AR1016 3 #2	6.808	0.0	548224.081	25.7956	ng/ml		100
T AR1016 4 #2	6.985	0.0	350067.342	22.8447	ng/ml		100
T AR1016 5 #2	7.247	0.0	236355.630	27.5495	ng/ml		100
T AR1260 1	8.677	0.0	246324.631	25.7447	ng/ml		100
T AR1260 2	9.161	0.0	374573.756	25.7367	ng/ml		100
T AR1260 3	9.611	0.0	373137.702	23.9193	ng/ml		100
T AR1260 1 #2	9.863	0.0	546442.383	25.4834	ng/ml		100
T AR1260 4	10.101	0.0	185605.908	21.7654	ng/ml		100
T AR1260 2 #2	10.130	0.0	621546.504	25.6460	ng/ml		100
T AR1260 3 #2	10.568	0.0	729683.927	23.4593	ng/ml		100
T AR1260 5	10.803	0.0	273678.565	19.7302	ng/ml		100
T AR1260 4 #2	10.987	0.0	398783.981	21.9375	ng/ml	m	100
T AR1260 5 #2	11.657	0.0	651340.206	24.6617	ng/ml		100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

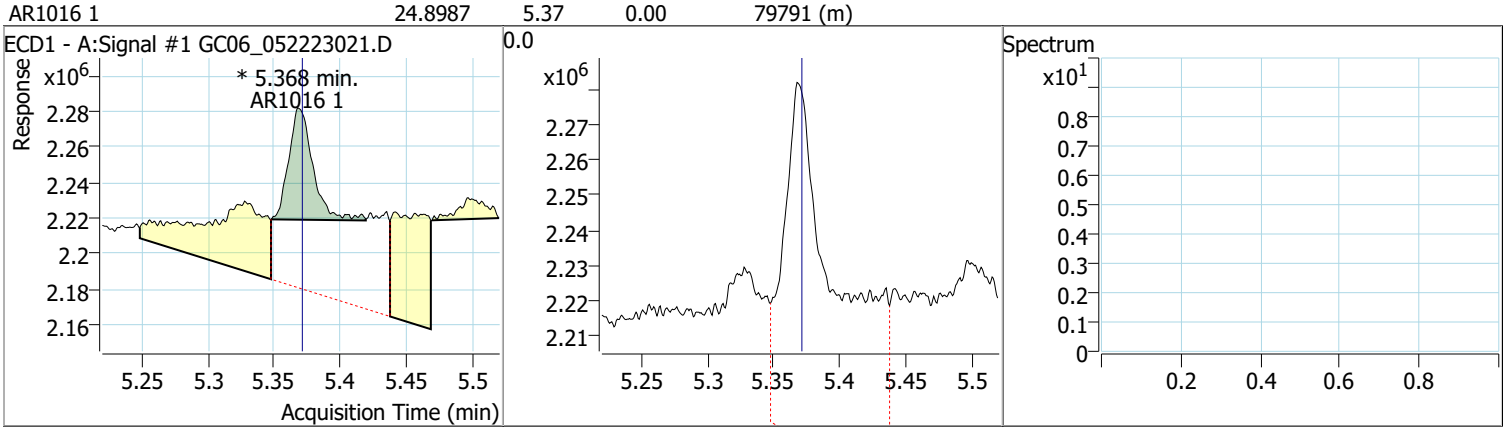
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	1.9792	5.00	0.00	303777				



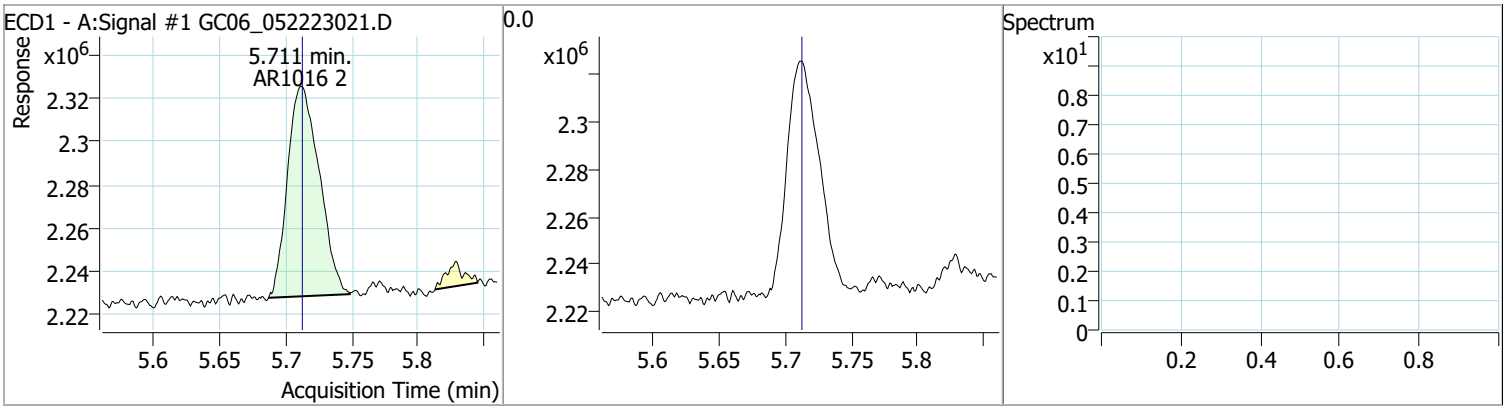
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TCMX (PCB) #2	1.9089	5.35	0.00	764383				



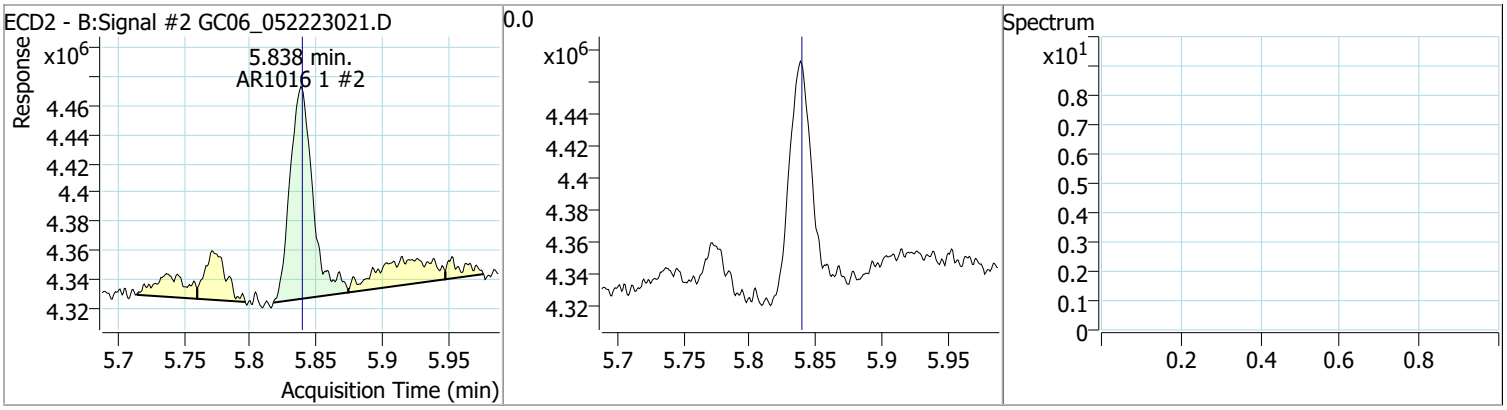
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AR1016 1	24.8987	5.37	0.00	79791 (m)				



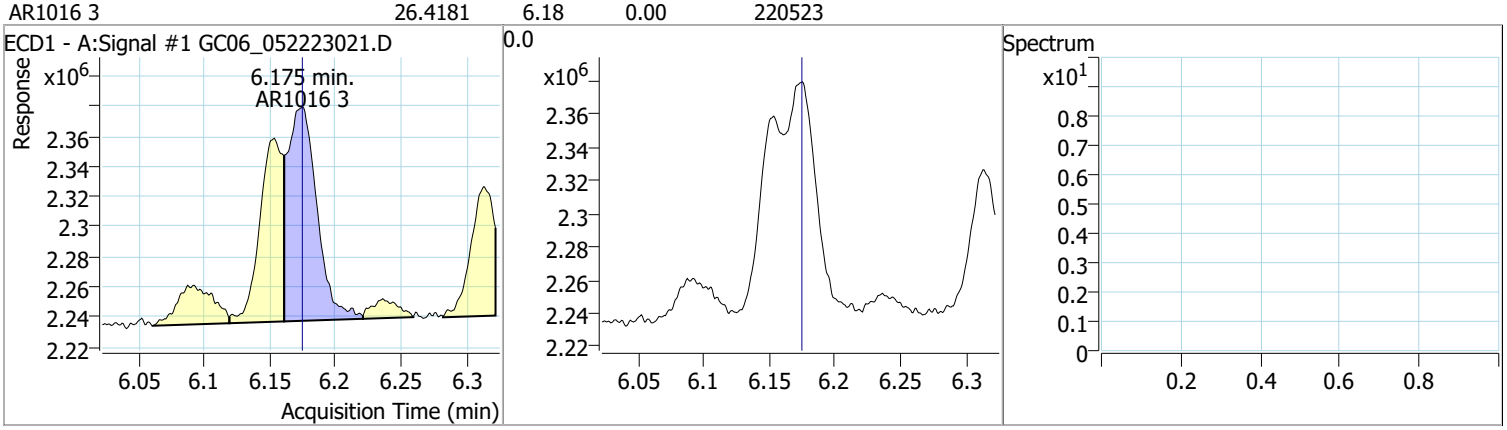
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	25.0351	5.71	0.00	163842				



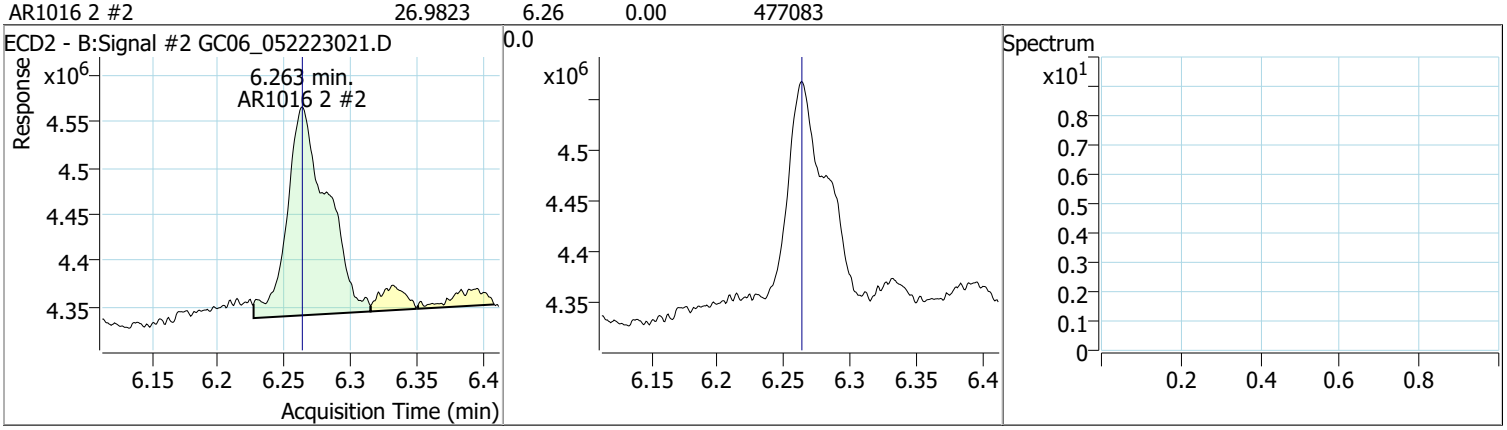
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AR1016 1 #2	22.1550	5.84	0.00	174516				



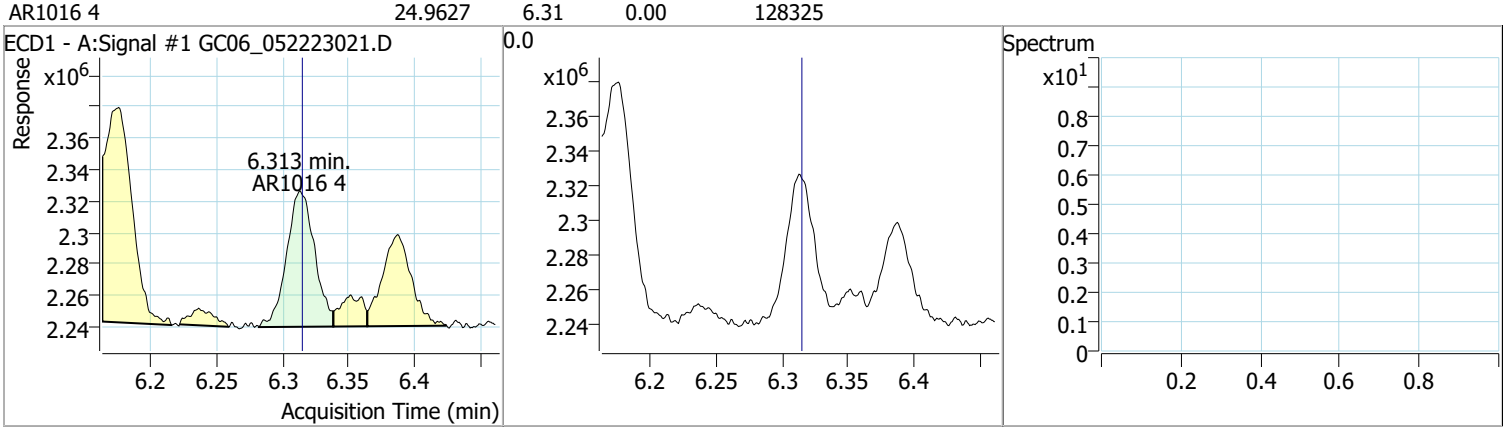
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	26.4181	6.18	0.00	220523				



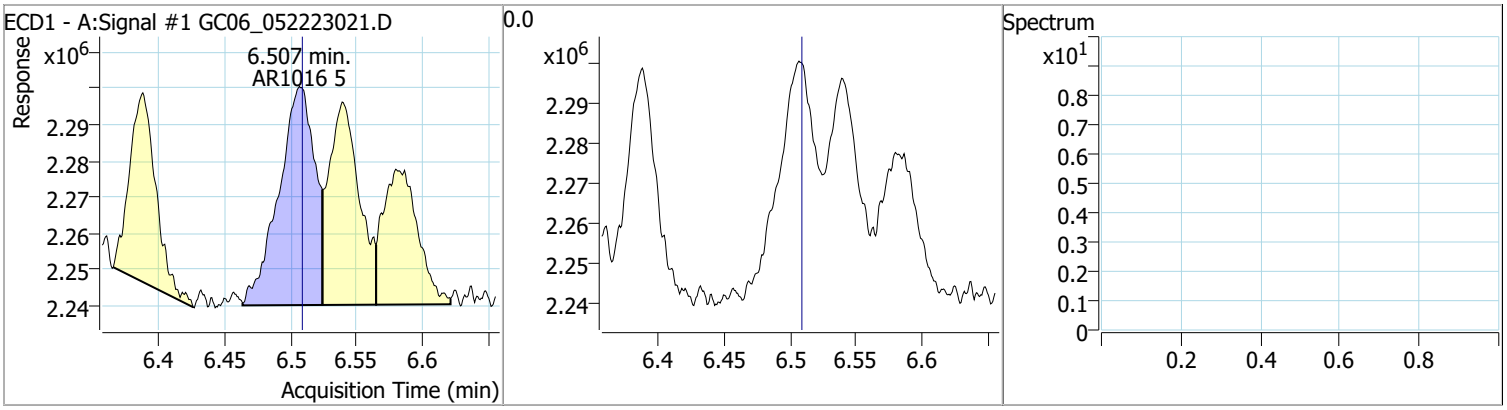
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	26.9823	6.26	0.00	477083				



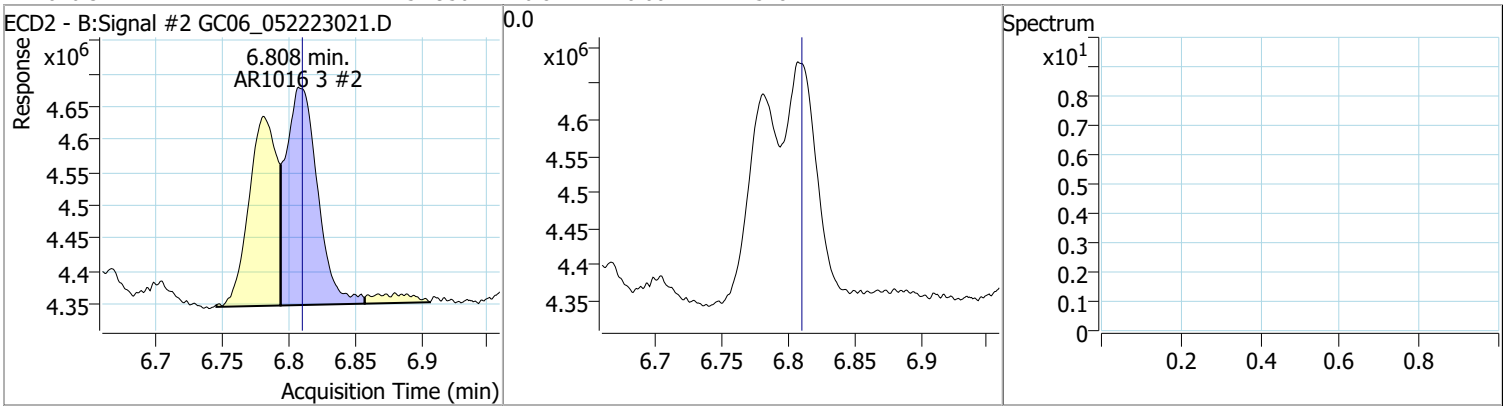
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4	24.9627	6.31	0.00	128325				



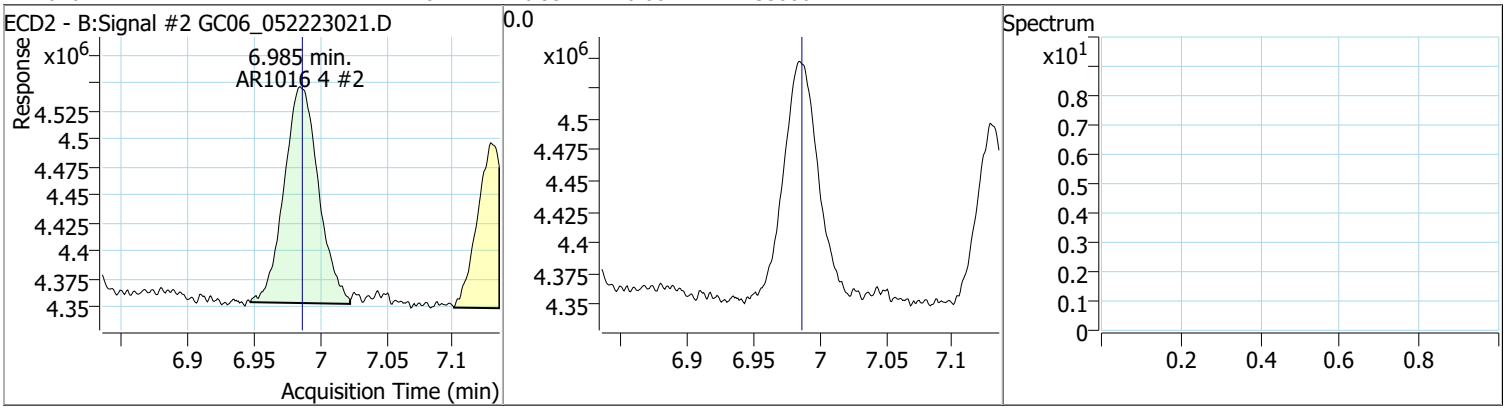
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	30.1596	6.51	0.00	115071				



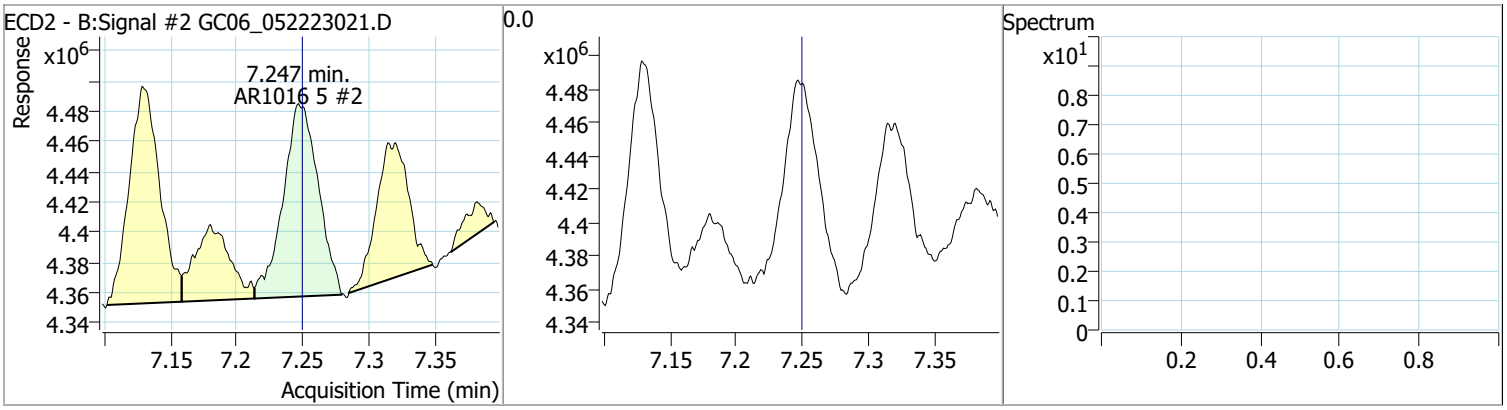
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AR1016 3 #2	25.7956	6.81	0.00	548224				



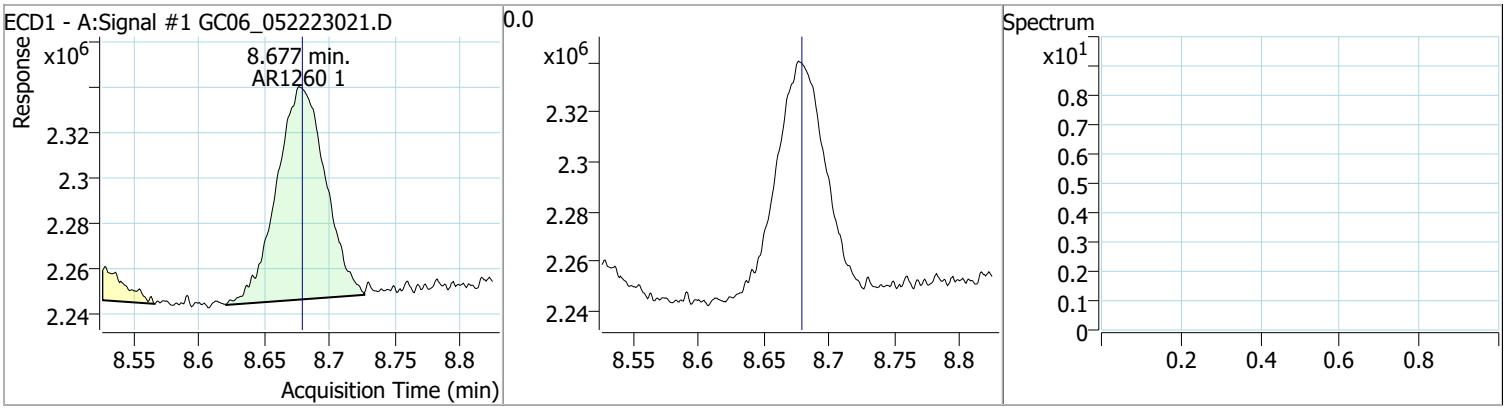
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AR1016 4 #2	22.8447	6.99	0.00	350067				



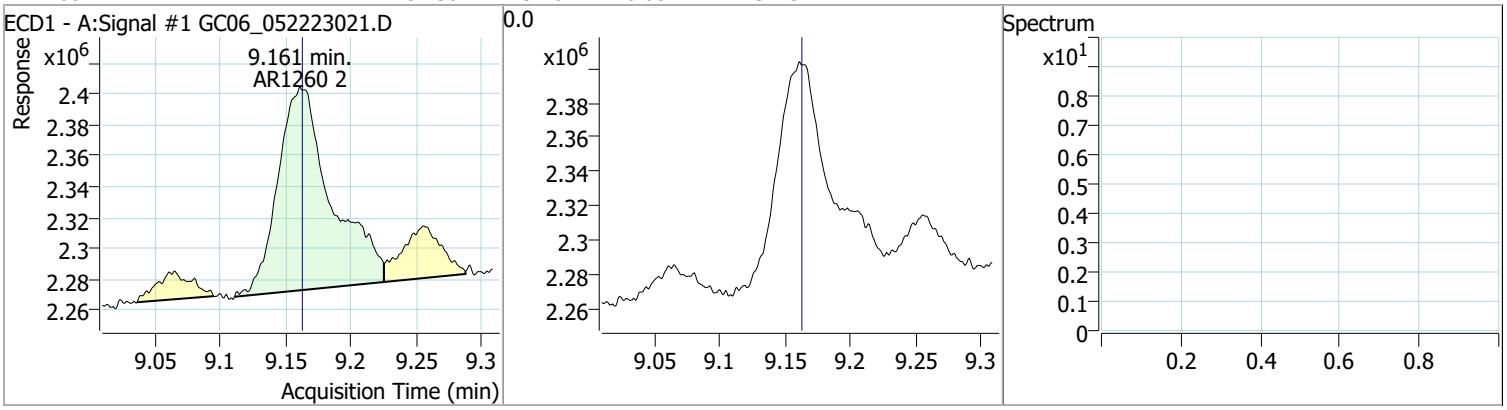
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	27.5495	7.25	0.00	236356				



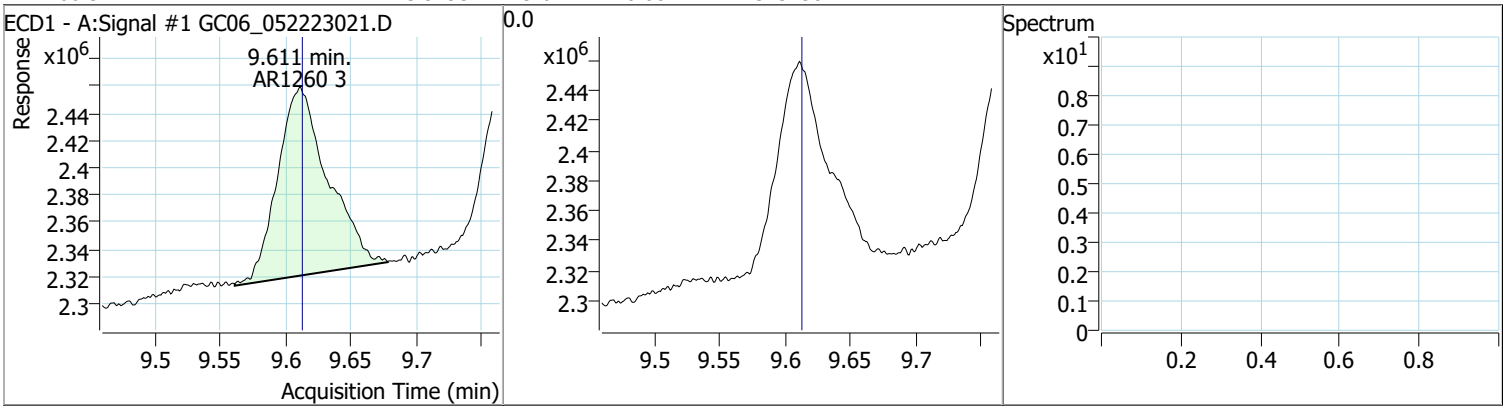
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	25.7447	8.68	0.00	246325				



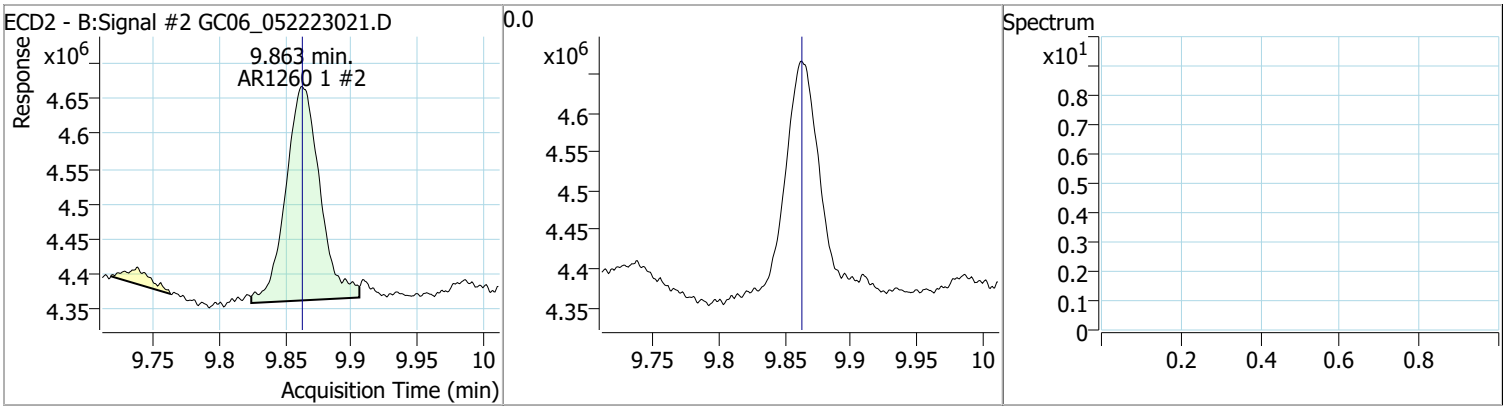
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	25.7367	9.16	0.00	374574				



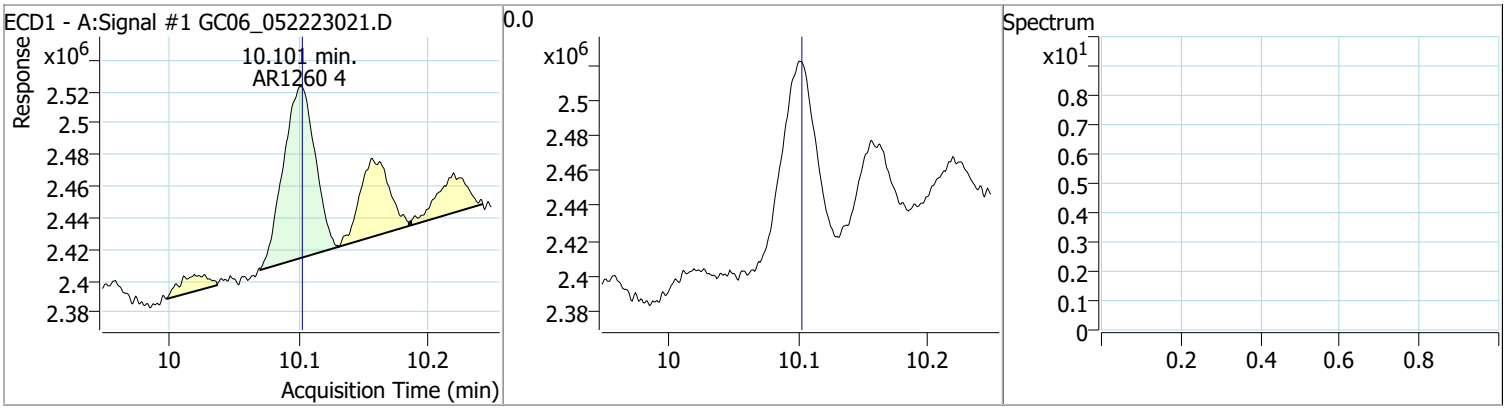
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3	23.9193	9.61	0.00	373138				



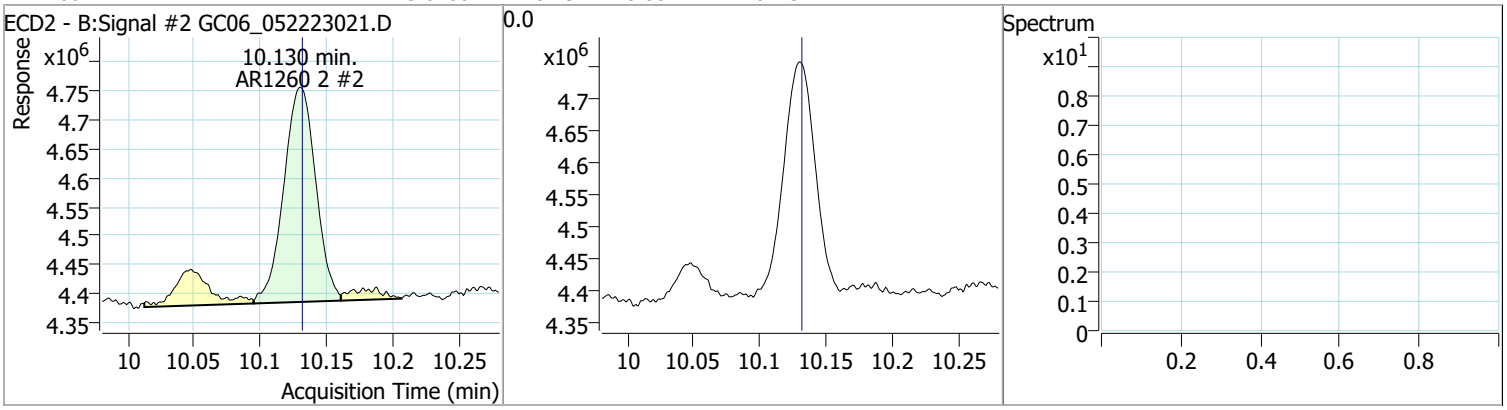
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1 #2	25.4834	9.86	0.00	546442				



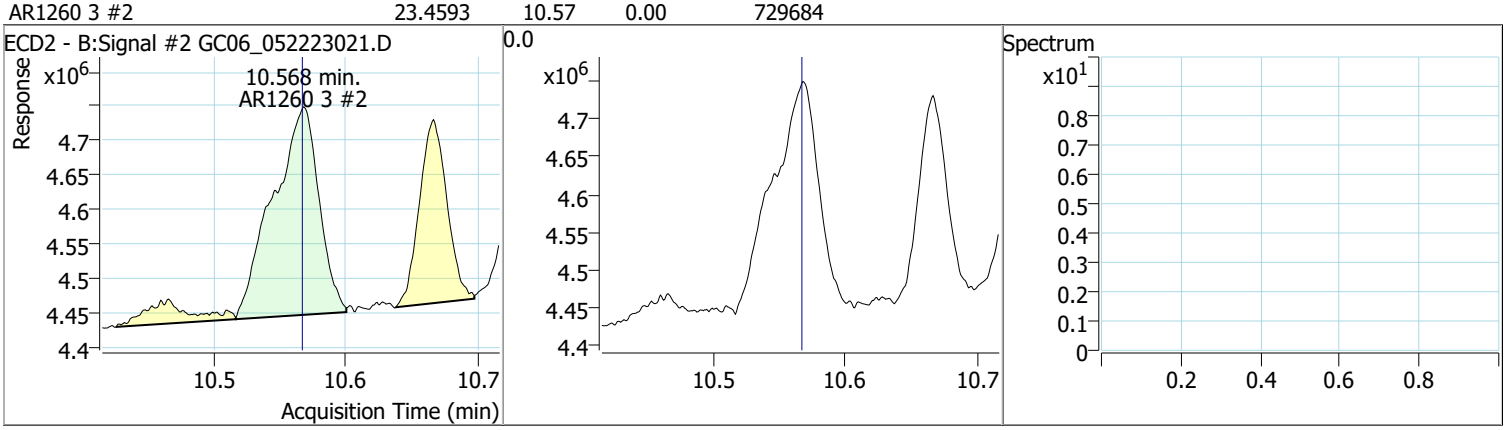
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4	21.7654	10.10	0.00	185606				



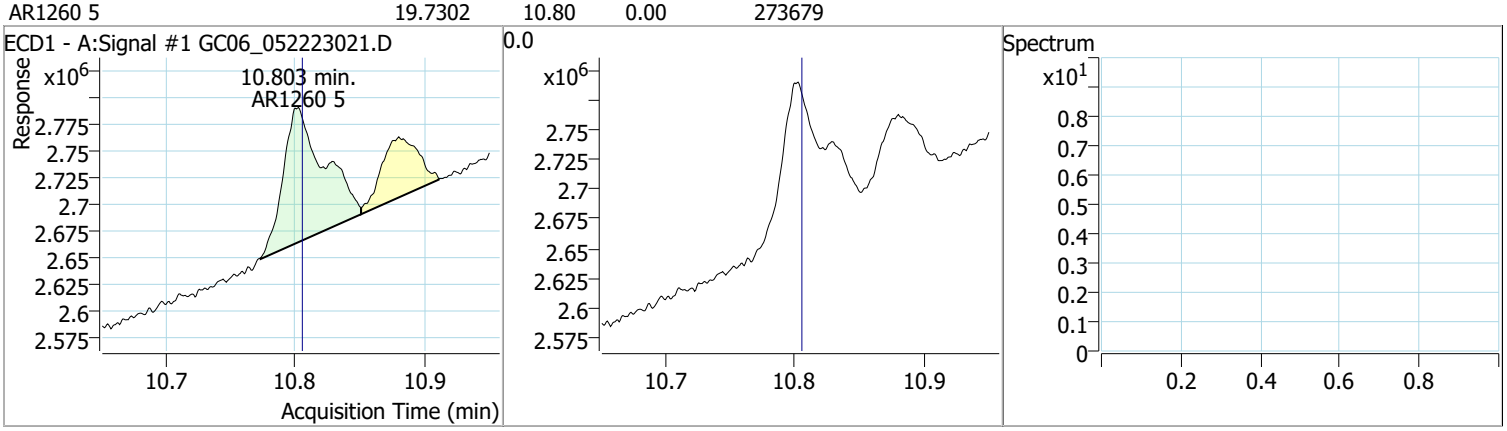
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	25.6460	10.13	0.00	621547				



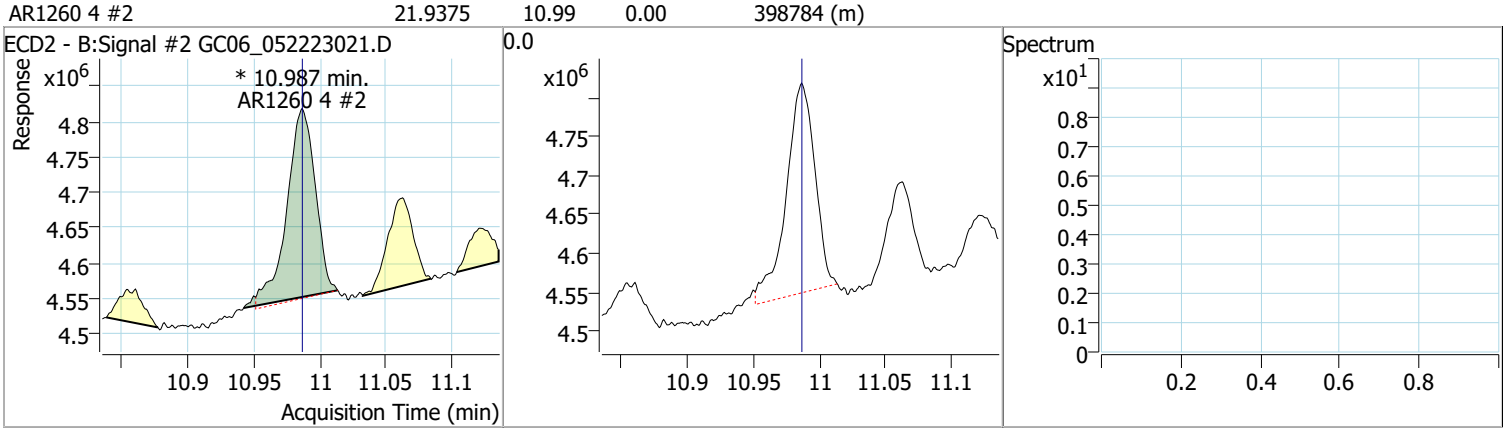
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3 #2	23.4593	10.57	0.00	729684				



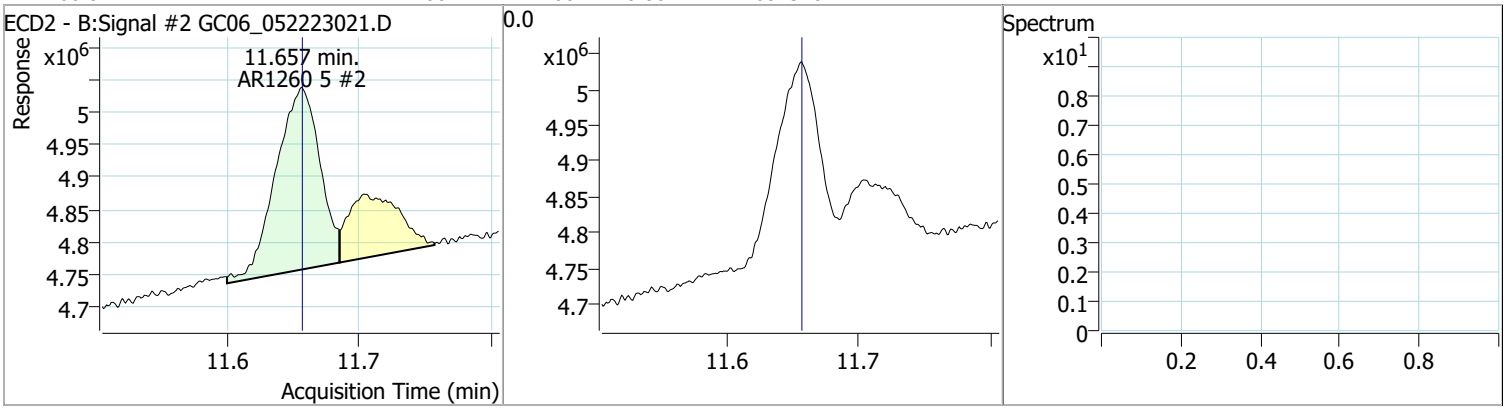
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	19.7302	10.80	0.00	273679				



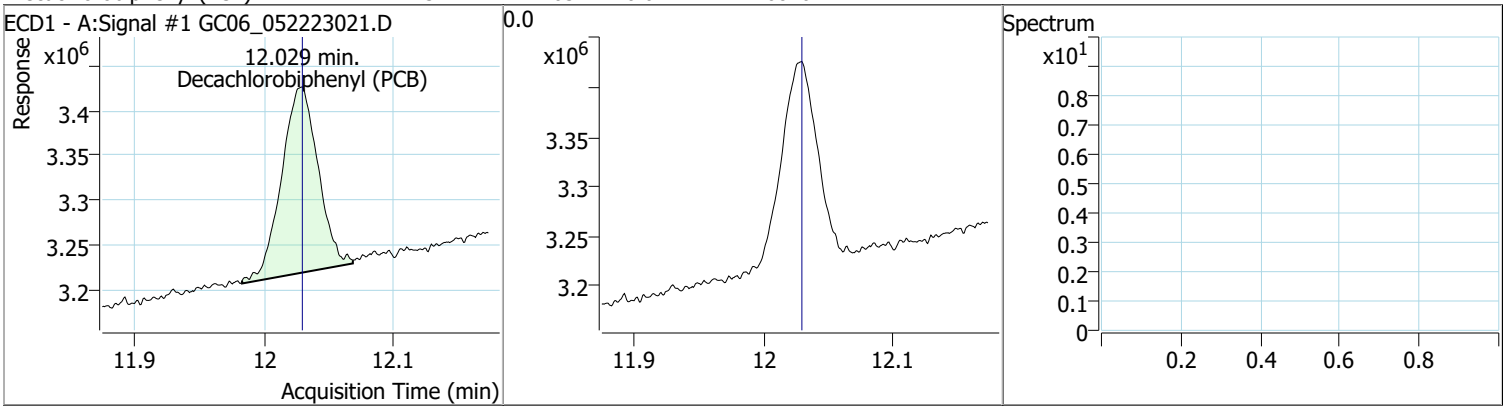
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	21.9375	10.99	0.00	398784 (m)				



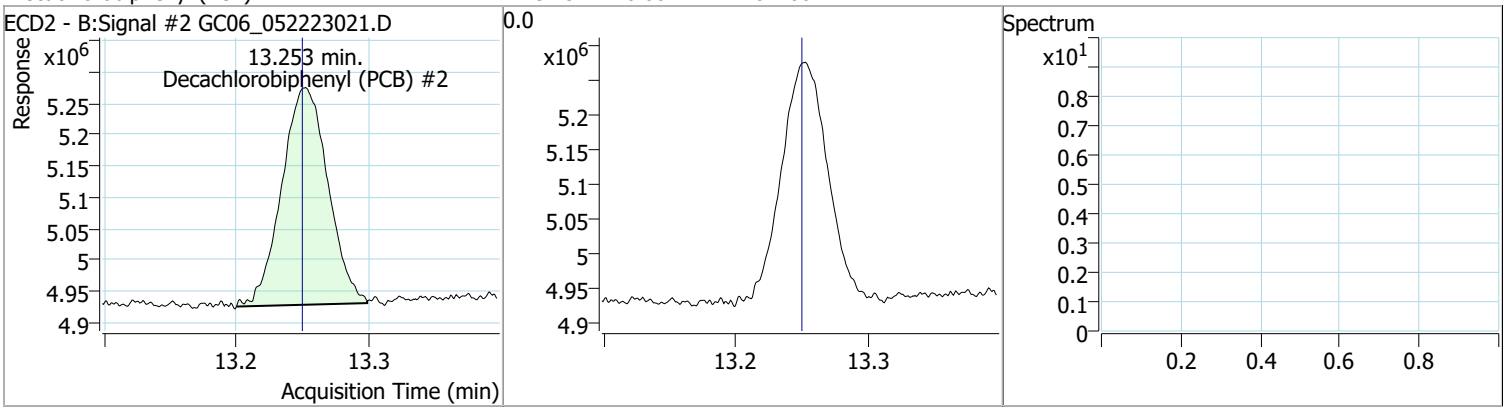
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	24.6617	11.66	0.00	651340				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	2.1312	12.03	0.01	408401				

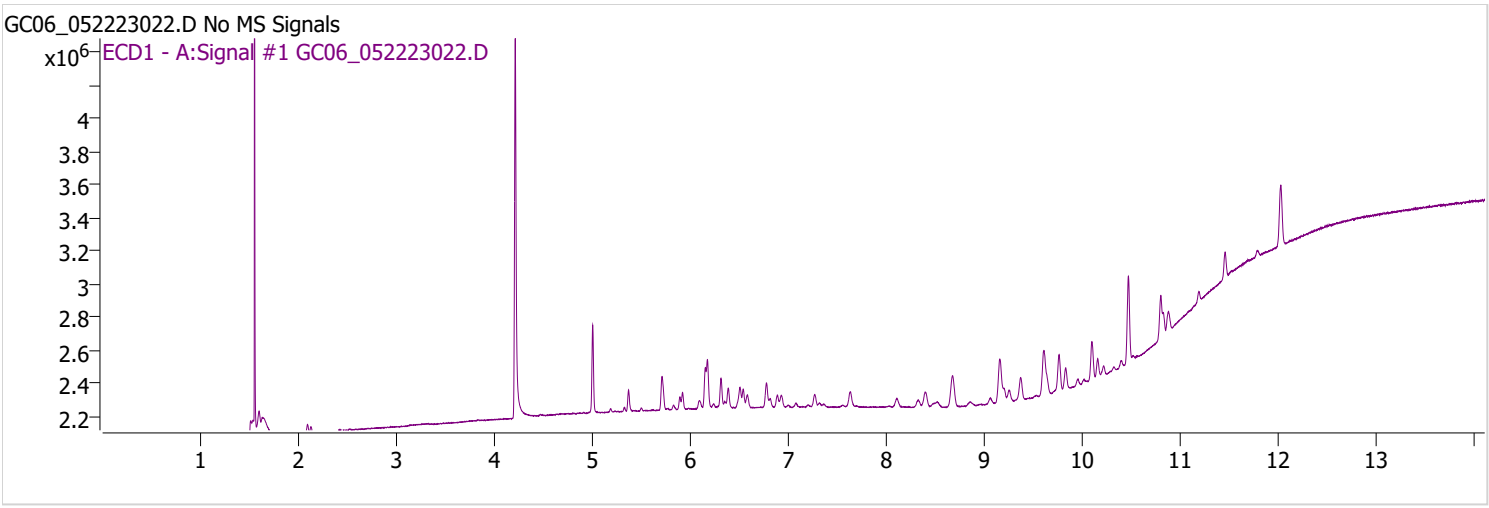


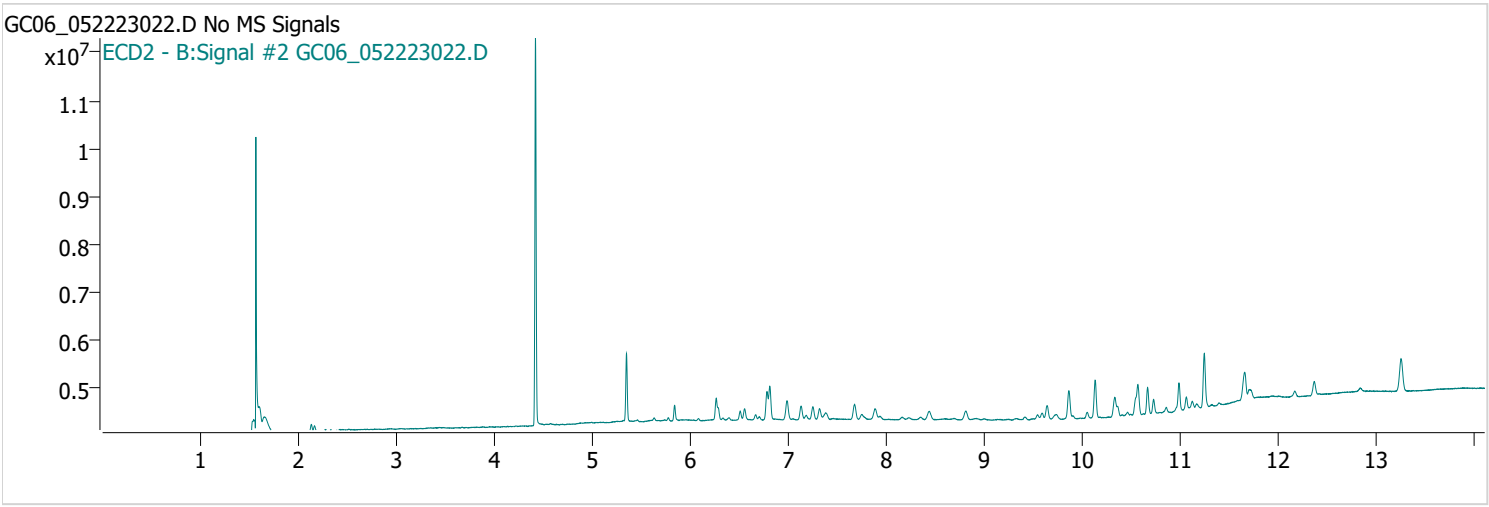
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	2.1227	13.25	0.00	844002				



Quantitation Results Report (Not Reviewed)

Data File	GC06_052223022.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	5/22/2023 8:43:12 PM
Sample Name	ICAL, S18181	Instrument	SVOA-GC06
Vial	13	Multiplier	1.00
DA Method File	PCB_608_052223_GC06_1.m	Comment	
Tune File	ATUNE.U	Tune Date	
Batch Name	052223PCBICAL.batch.bin	Last Calib Update	5/23/2023 1:35:07 PM
Ref Library			



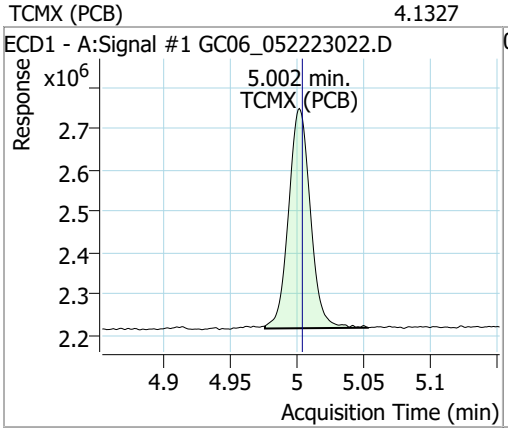


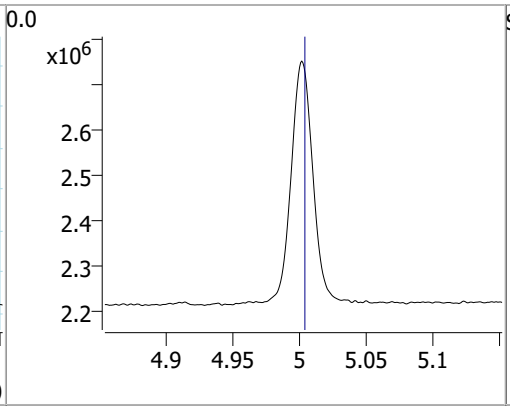
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1-bromo-2-nitrobenzene (PCB)	4.212	0.0	2781470.052	20.0000	ng/ml		0.002
M 1-bromo-2-nitrobenzene (PCB) #2	4.418	0.0	7279227.004	20.0000	ng/ml		0.000
System Monitoring Compounds							
S TCMX (PCB)	5.002	0.0	609354.312	4.1327	ng/ml		0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 20.66%		*	
S TCMX (PCB) #2	5.347	0.0	1550920.509	4.0281	ng/ml		0.000
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 20.14%		*	
S Decachlorobiphenyl (PCB)	12.025	0.0	745781.080	4.0511	ng/ml		0.004
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 20.26%		*	
S Decachlorobiphenyl (PCB) #2	13.251	0.0	1608412.437	4.2070	ng/ml		0.003
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 21.03%		*	
Target Compounds							QValue
T AR1016 1	5.368	0.0	170540.954	55.3958	ng/ml		100

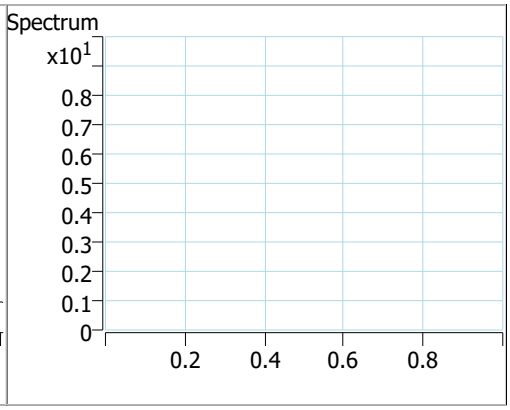
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T AR1016 2	5.710	0.0	360225.003	57.2961	ng/ml		100
T AR1016 1 #2	5.838	0.0	401206.504	52.9711	ng/ml		100
T AR1016 3	6.173	0.0	440222.763	54.8967	ng/ml		100
T AR1016 2 #2	6.263	0.0	916186.565	53.8895	ng/ml		100
T AR1016 4	6.311	0.0	255106.188	51.6567	ng/ml		100
T AR1016 5	6.505	0.0	238869.088	65.1697	ng/ml		100
T AR1016 3 #2	6.809	0.0	1149843.602	56.2678	ng/ml		100
T AR1016 4 #2	6.985	0.0	759546.436	51.5494	ng/ml		100
T AR1016 5 #2	7.249	0.0	438386.305	53.1421	ng/ml		100
T AR1260 1	8.675	0.0	494730.824	53.8238	ng/ml		100
T AR1260 2	9.157	0.0	759997.467	54.3568	ng/ml		100
T AR1260 3	9.608	0.0	748707.497	49.9593	ng/ml		100
T AR1260 1 #2	9.861	0.0	1076849.307	52.2279	ng/ml		100
T AR1260 4	10.096	0.0	412655.823	50.3719	ng/ml		100
T AR1260 2 #2	10.129	0.0	1265019.653	54.2847	ng/ml		100
T AR1260 3 #2	10.566	0.0	1471627.934	49.2054	ng/ml		100
T AR1260 5	10.800	0.0	608490.548	45.6637	ng/ml	m	100
T AR1260 4 #2	10.985	0.0	897655.785	51.3563	ng/ml		100
T AR1260 5 #2	11.655	0.0	1331118.849	52.4162	ng/ml		100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

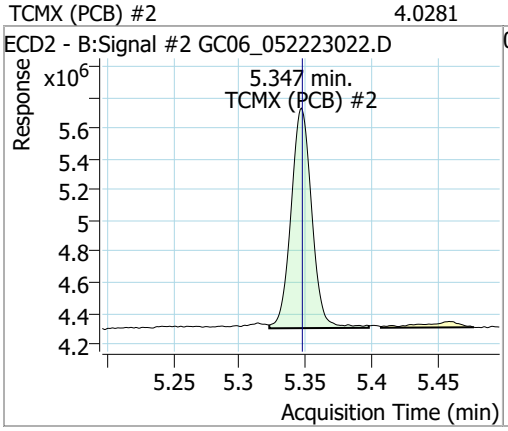
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	4.1327	5.00	0.00	609354				

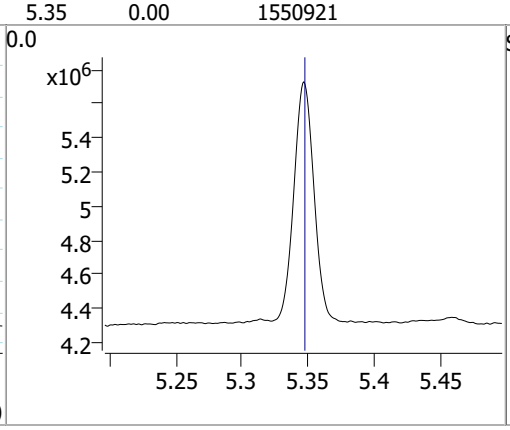


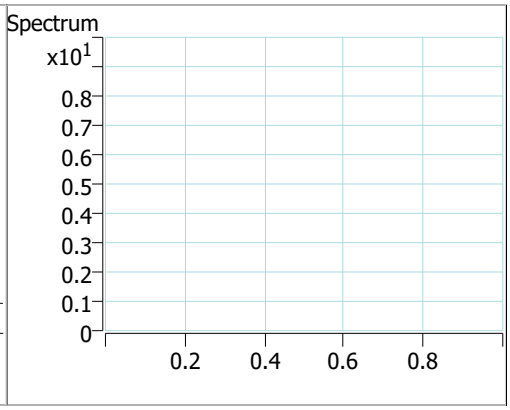




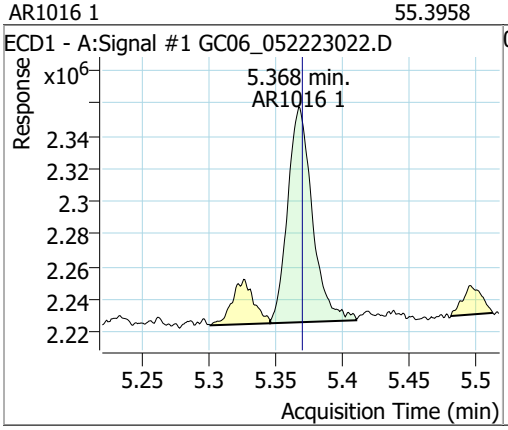
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB) #2	4.0281	5.35	0.00	1550921				

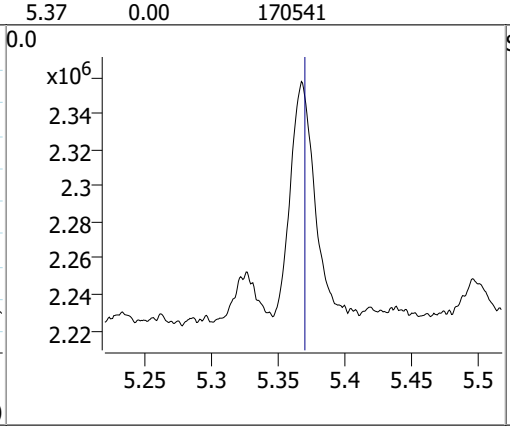


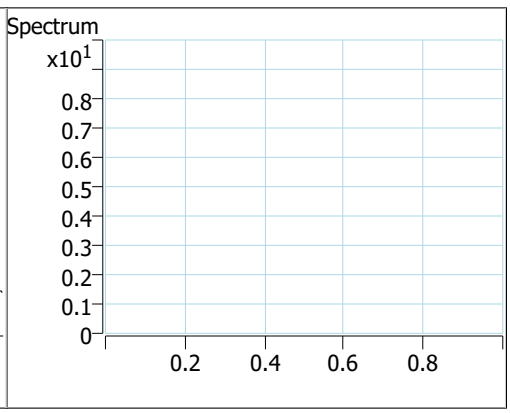




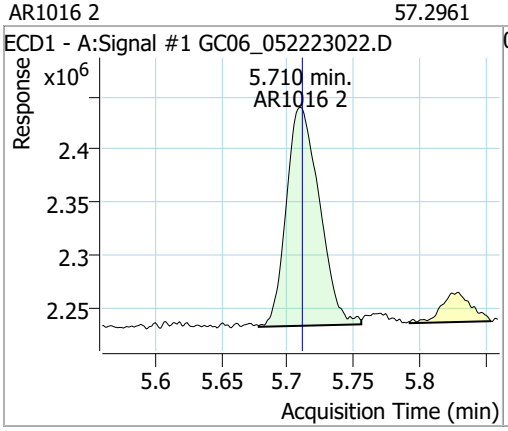
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	55.3958	5.37	0.00	170541				

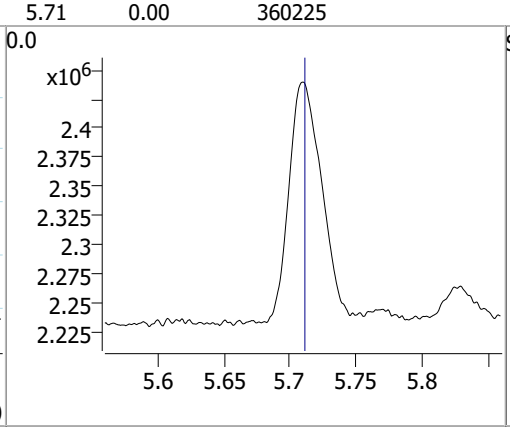


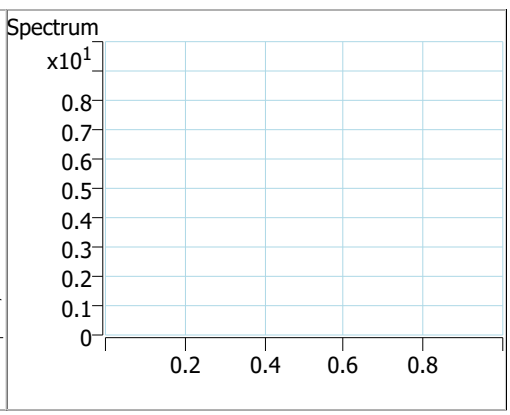




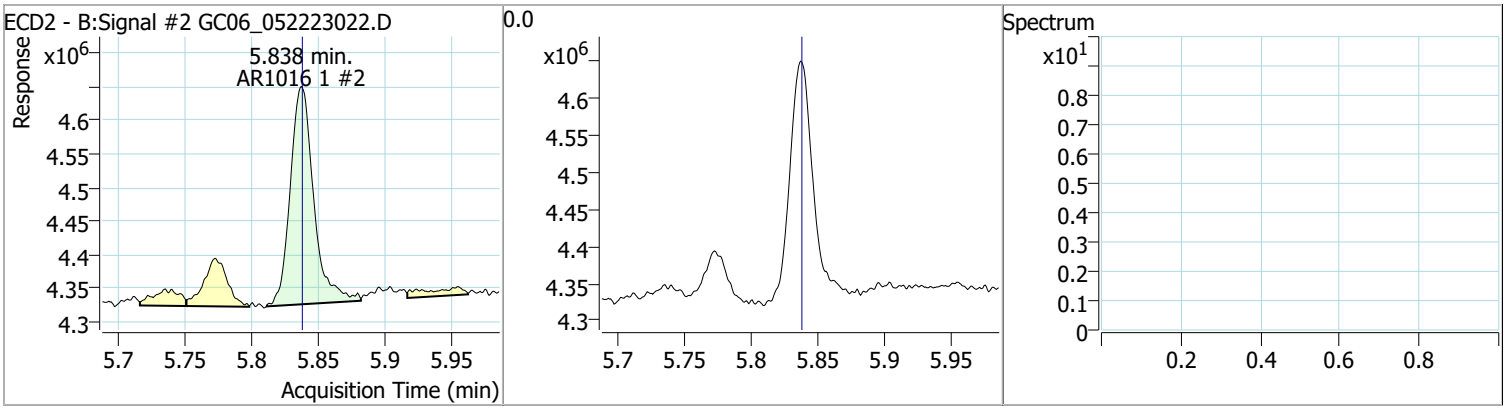
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	57.2961	5.71	0.00	360225				



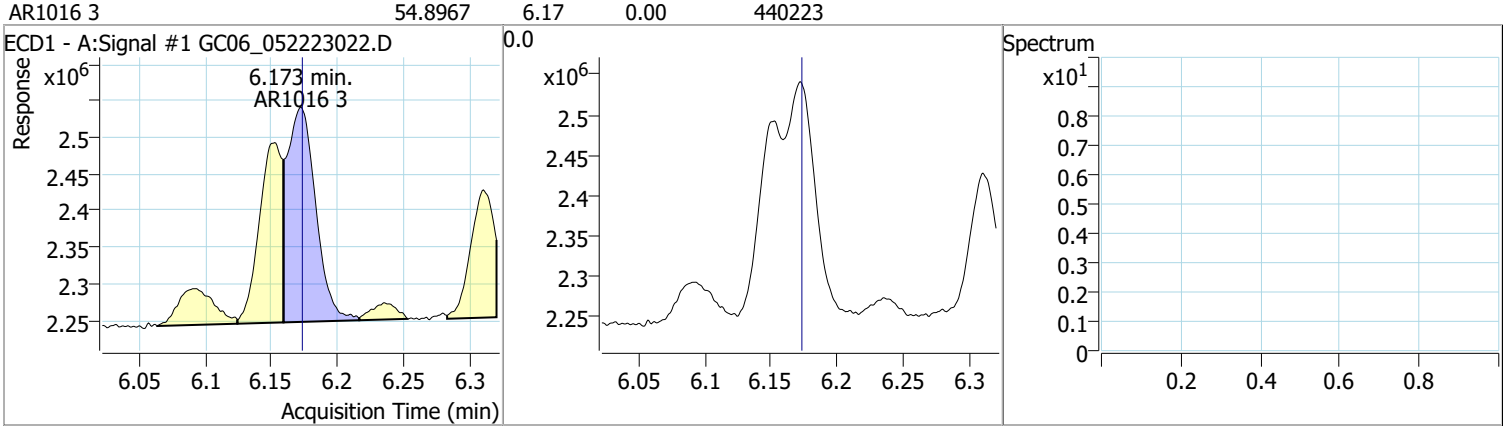




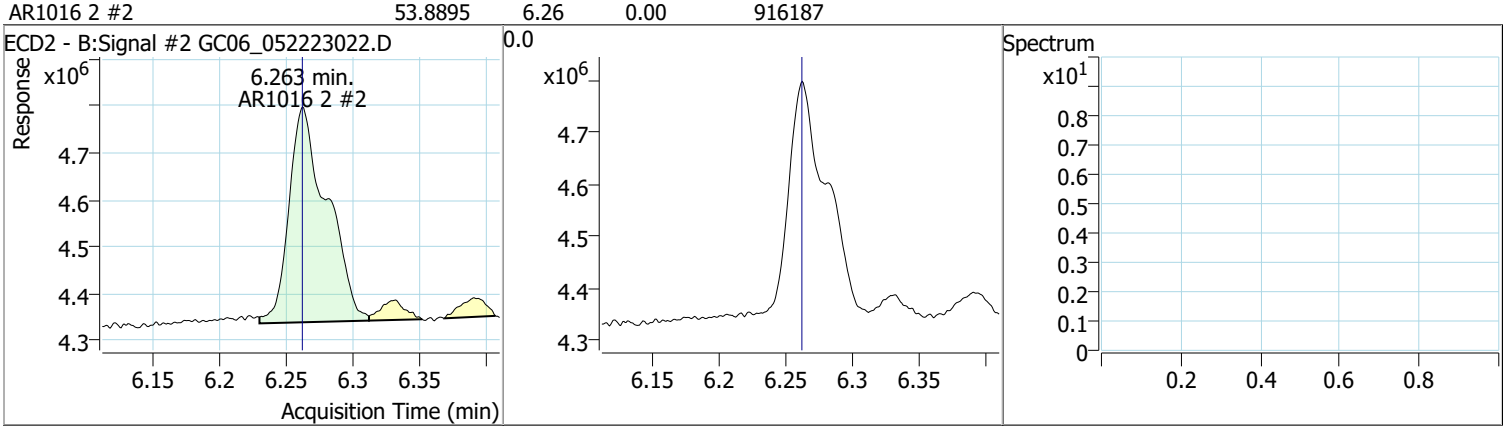
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1 #2	52.9711	5.84	0.00	401207				



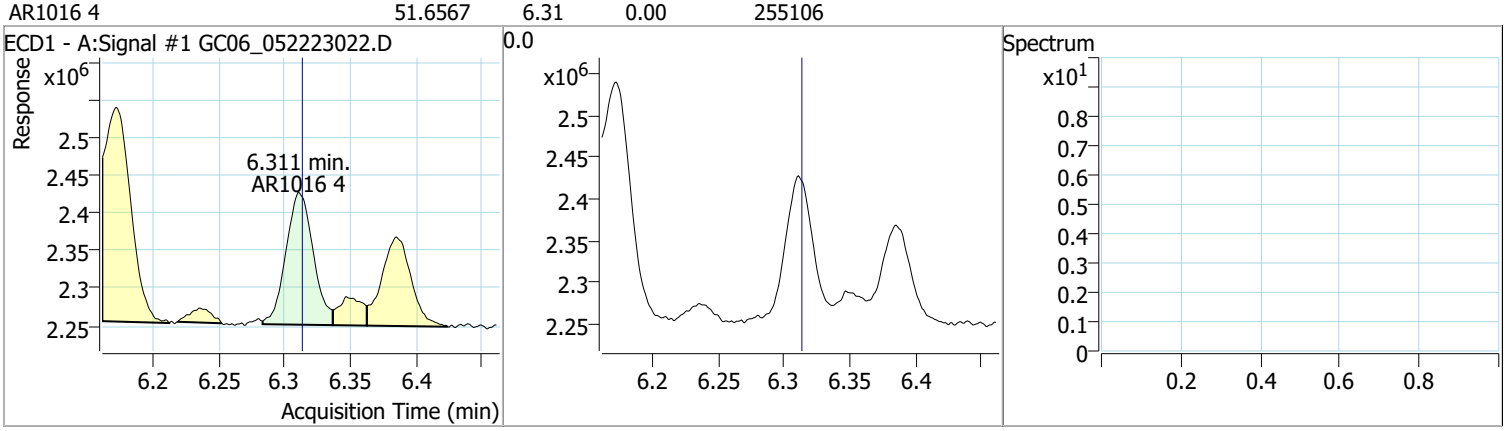
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	54.8967	6.17	0.00	440223				



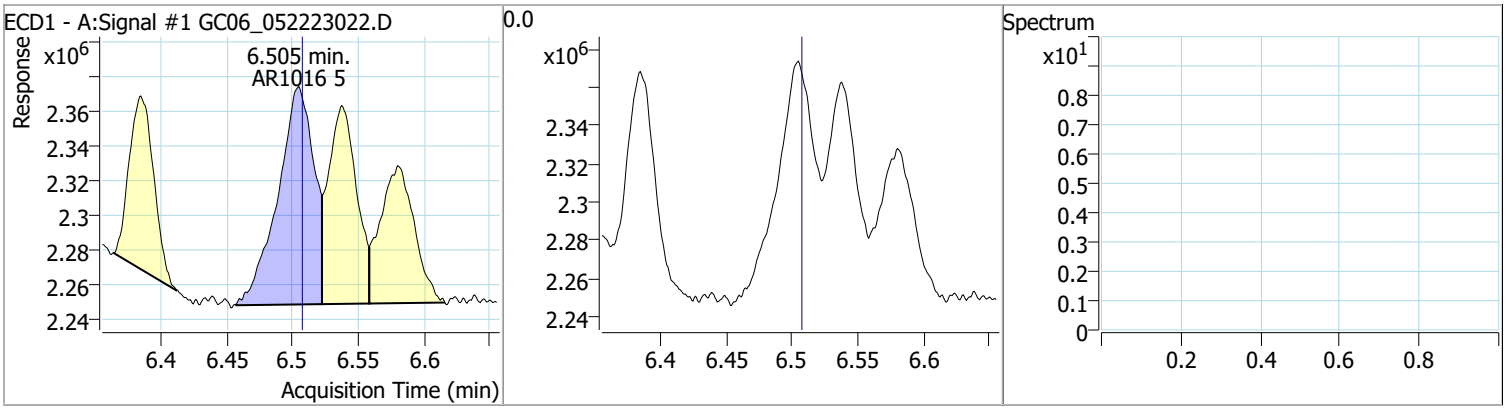
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	53.8895	6.26	0.00	916187				



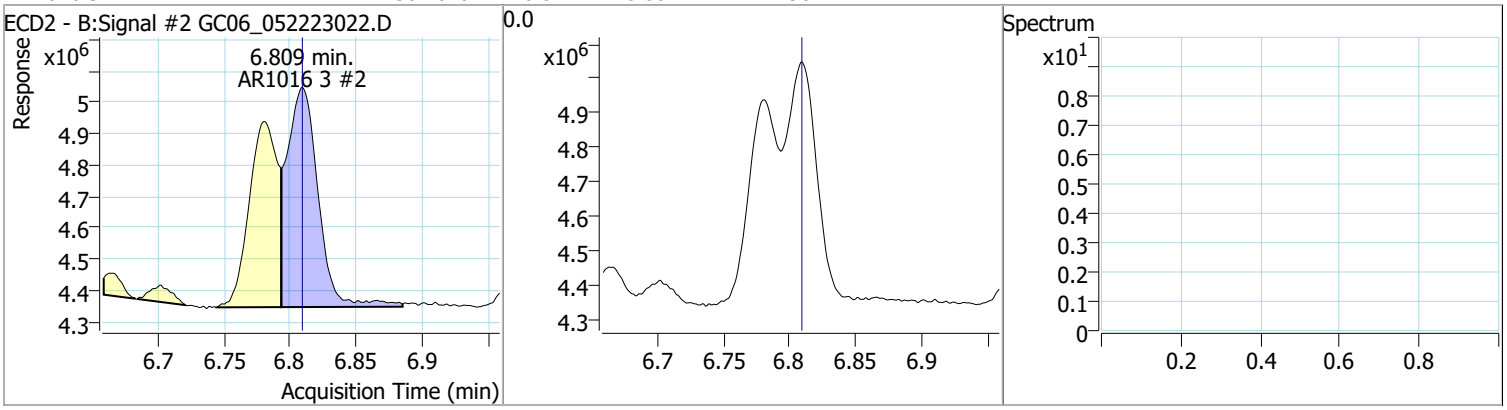
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4	51.6567	6.31	0.00	255106				



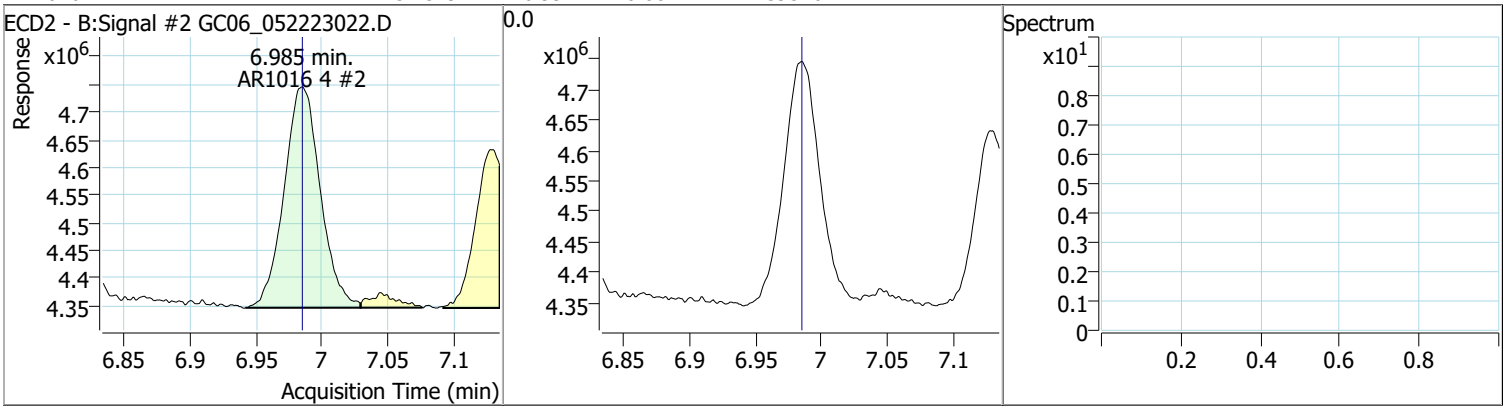
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	65.1697	6.51	0.00	238869				



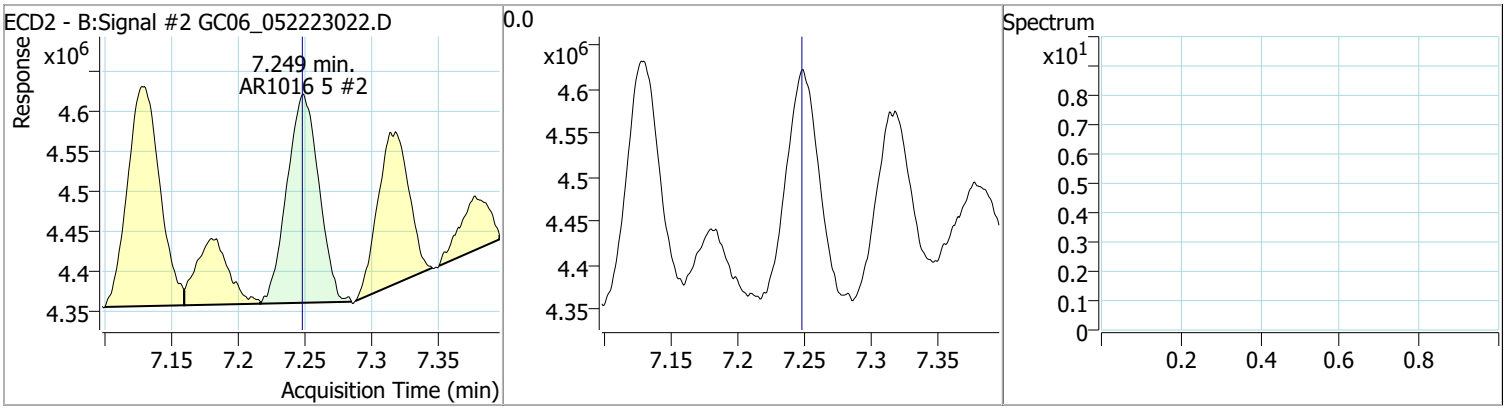
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	56.2678	6.81	0.00	1149844				



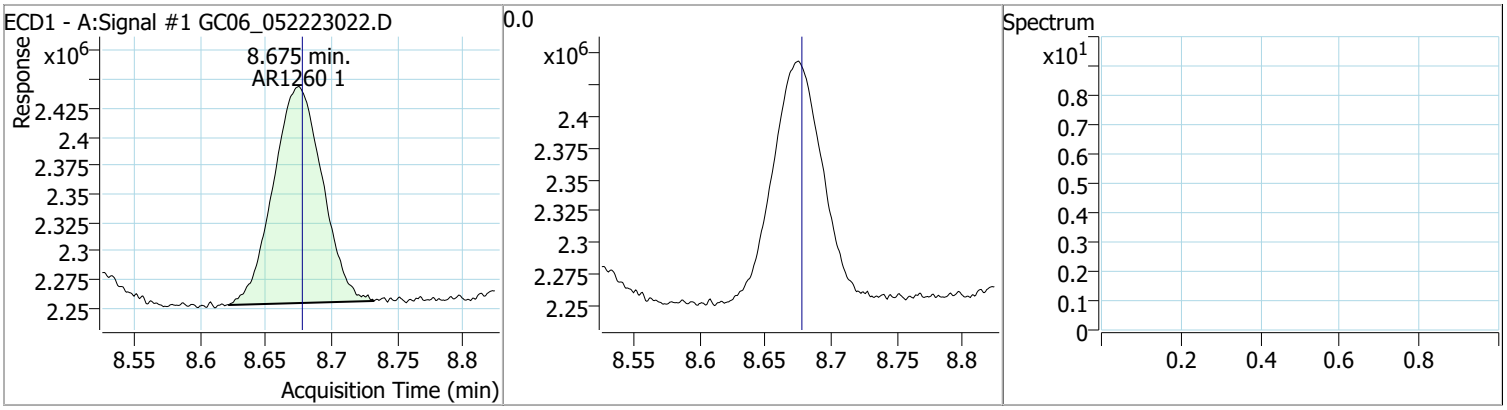
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4 #2	51.5494	6.99	0.00	759546				



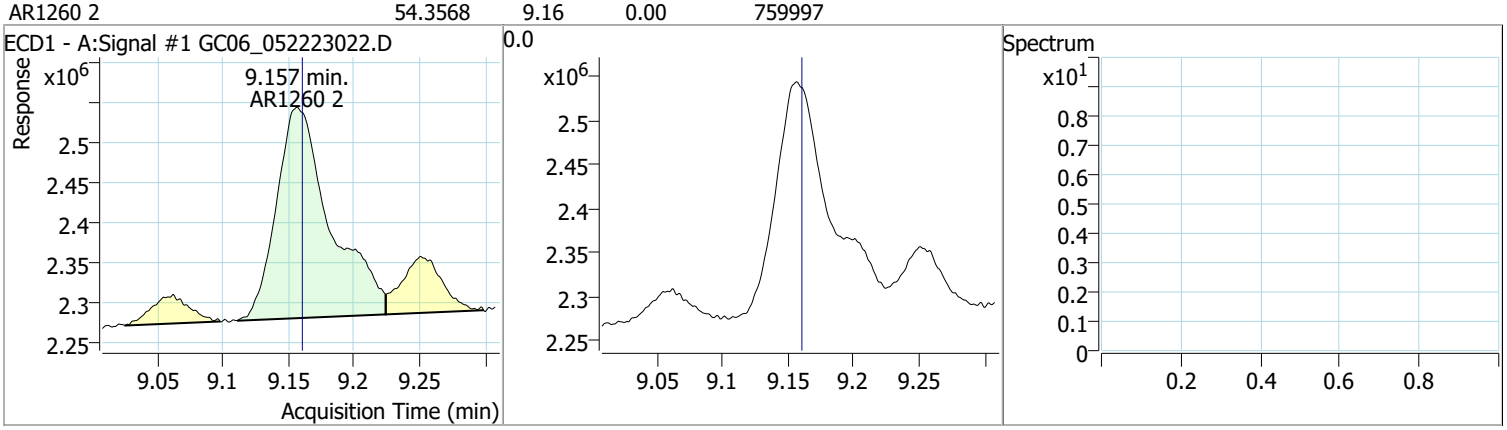
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	53.1421	7.25	0.00	438386				



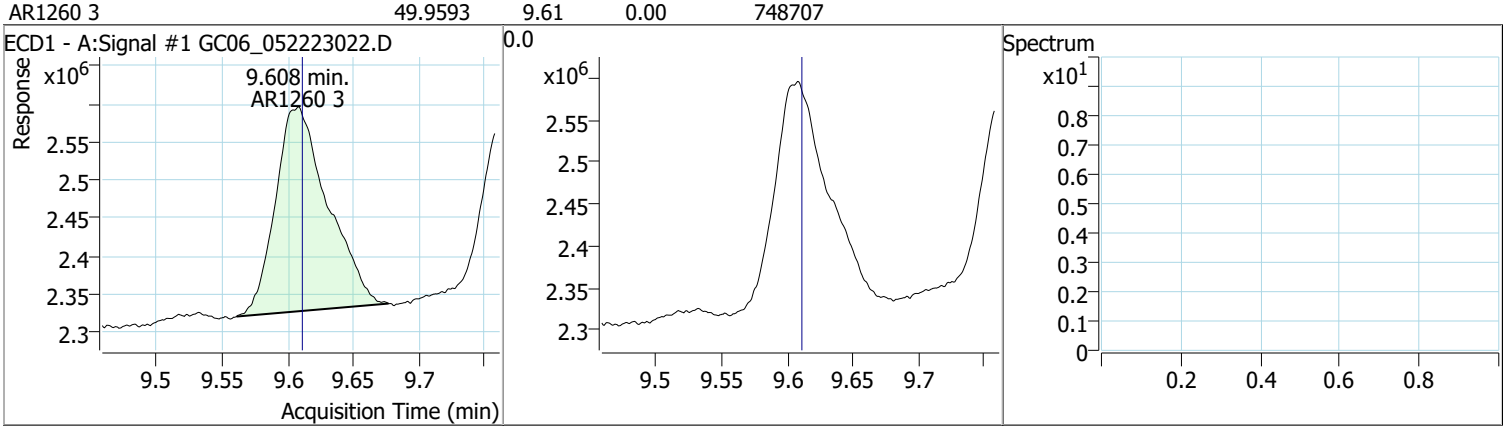
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	53.8238	8.68	0.00	494731				



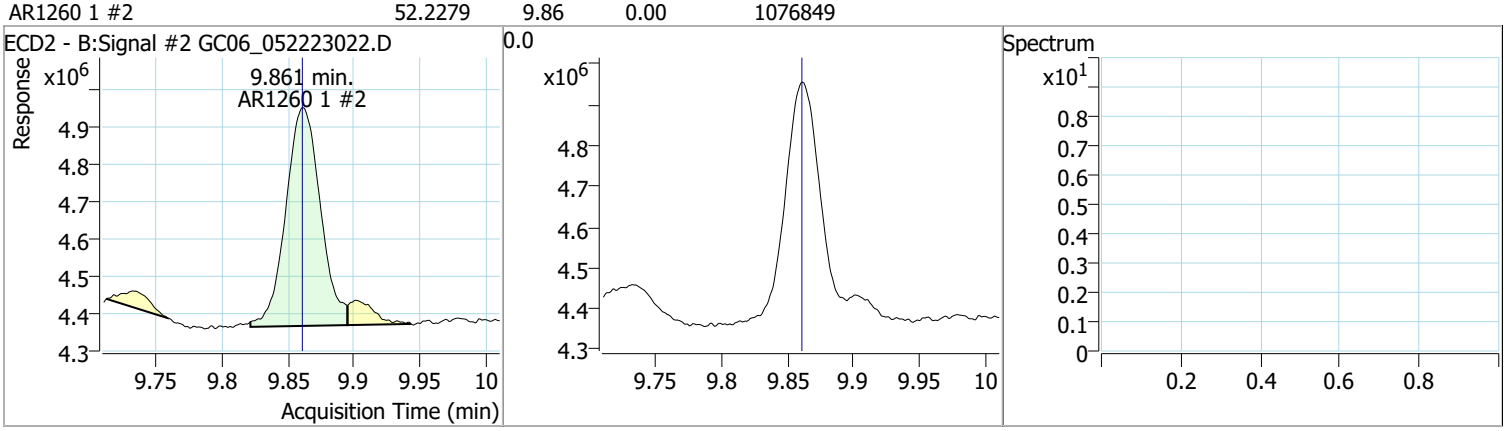
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	54.3568	9.16	0.00	759997				



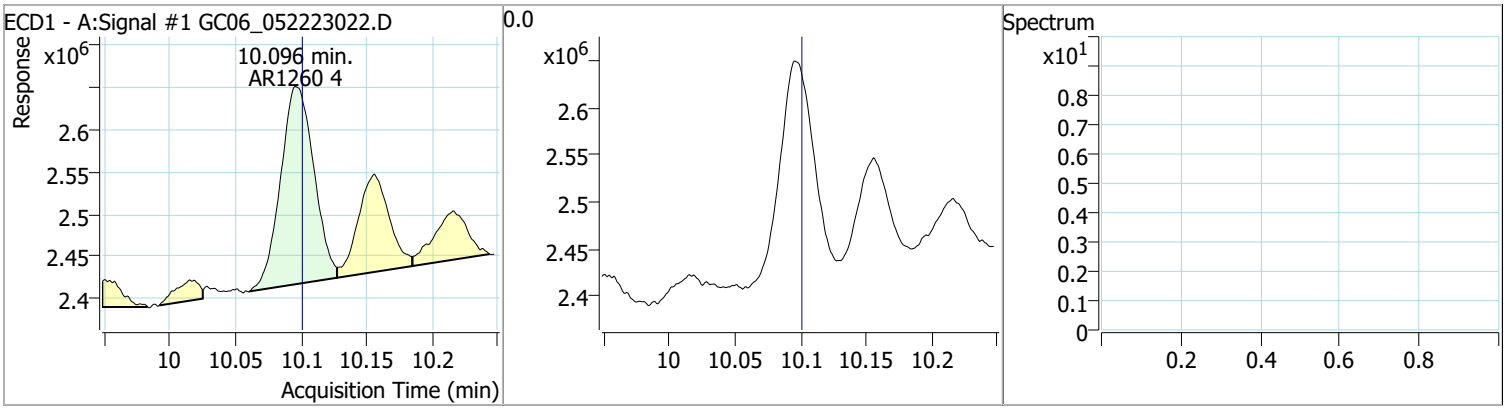
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3	49.9593	9.61	0.00	748707				



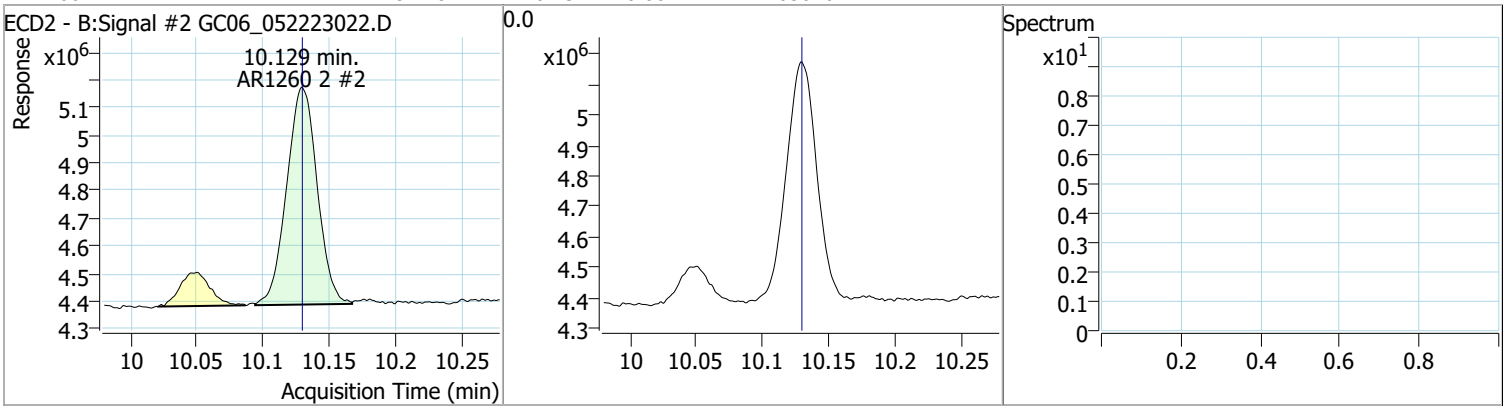
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1 #2	52.2279	9.86	0.00	1076849				



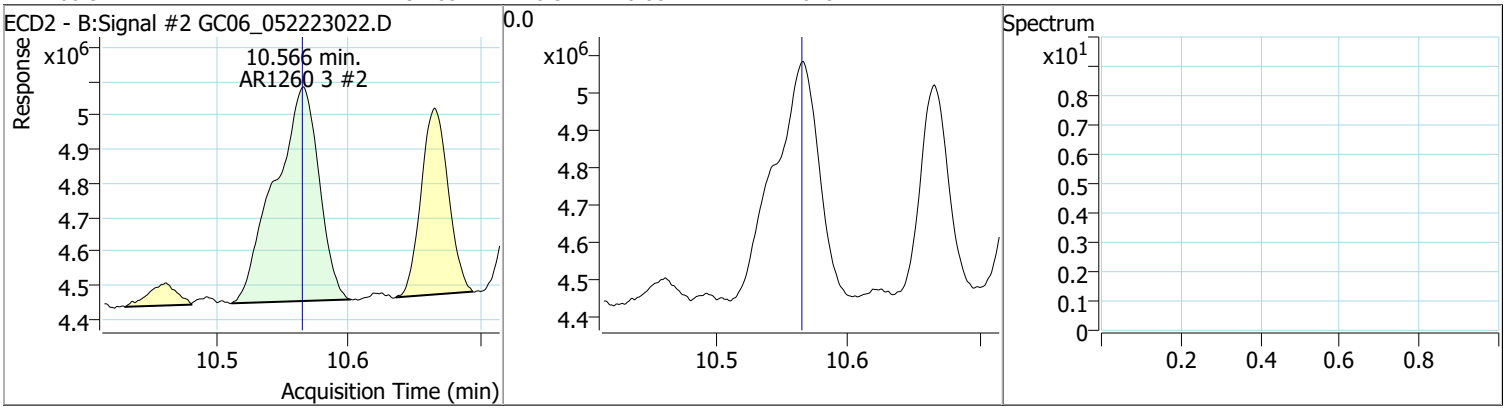
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4	50.3719	10.10	0.00	412656				



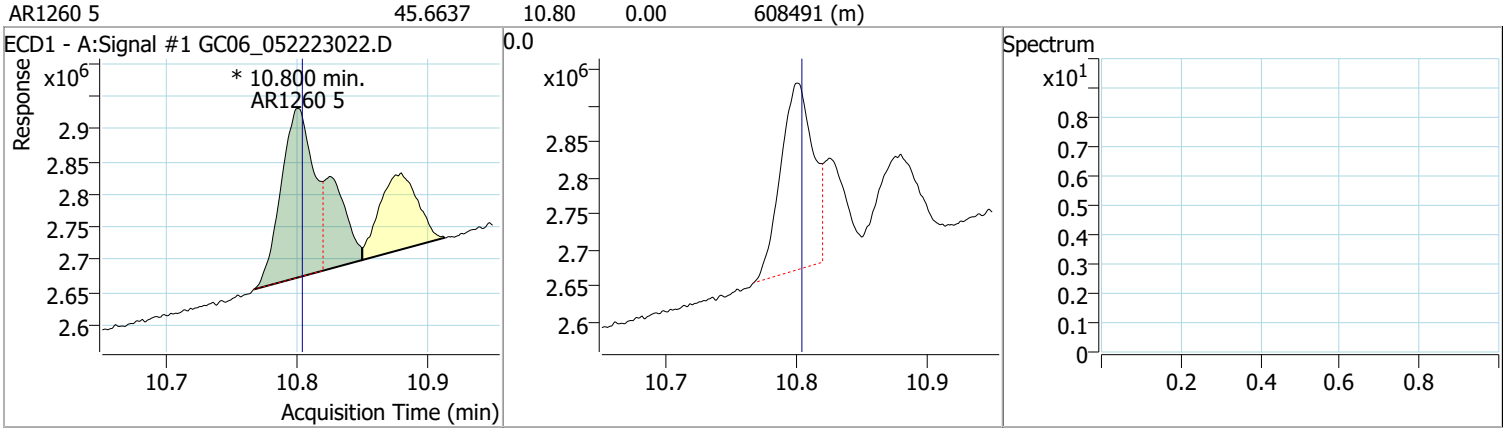
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	54.2847	10.13	0.00	1265020				



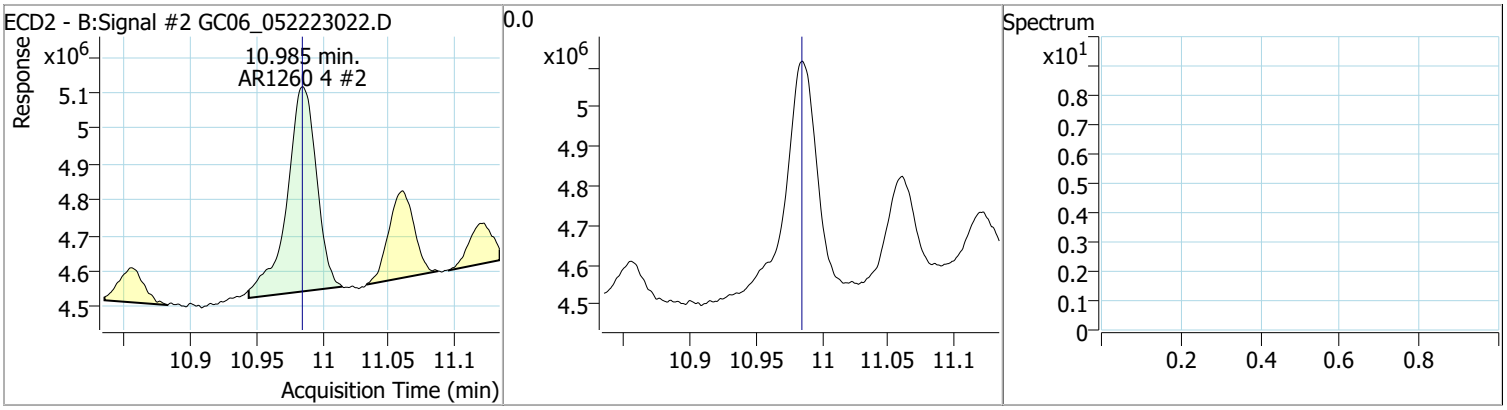
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3 #2	49.2054	10.57	0.00	1471628				



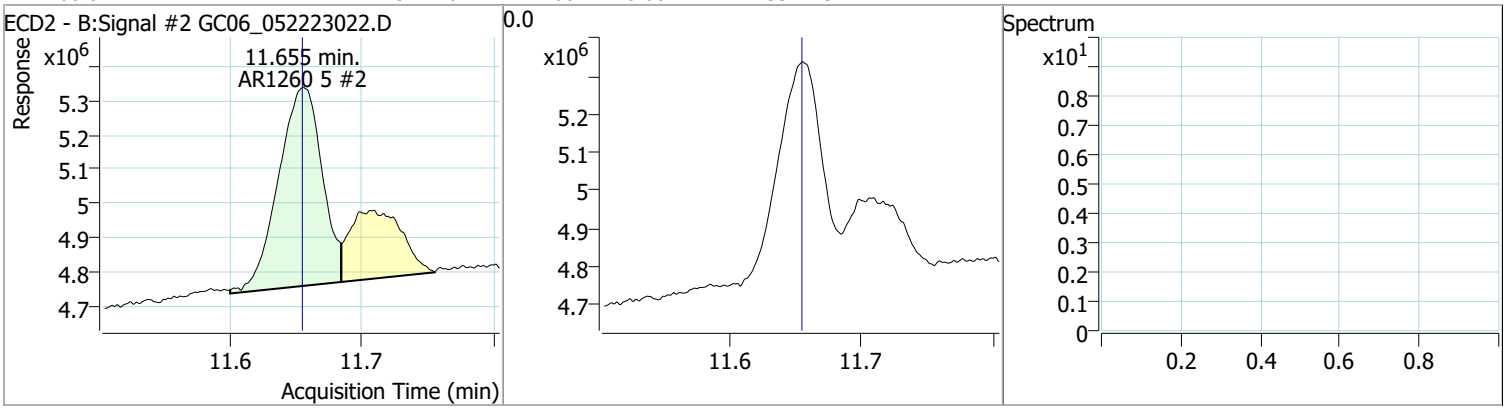
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	45.6637	10.80	0.00	608491 (m)				



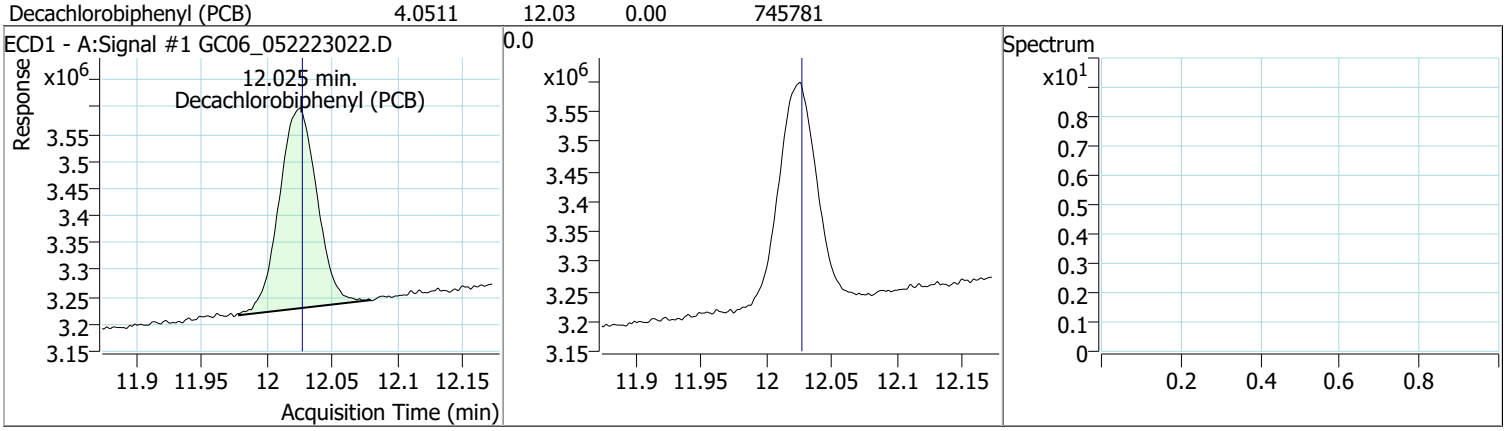
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	51.3563	10.99	0.00	897656				



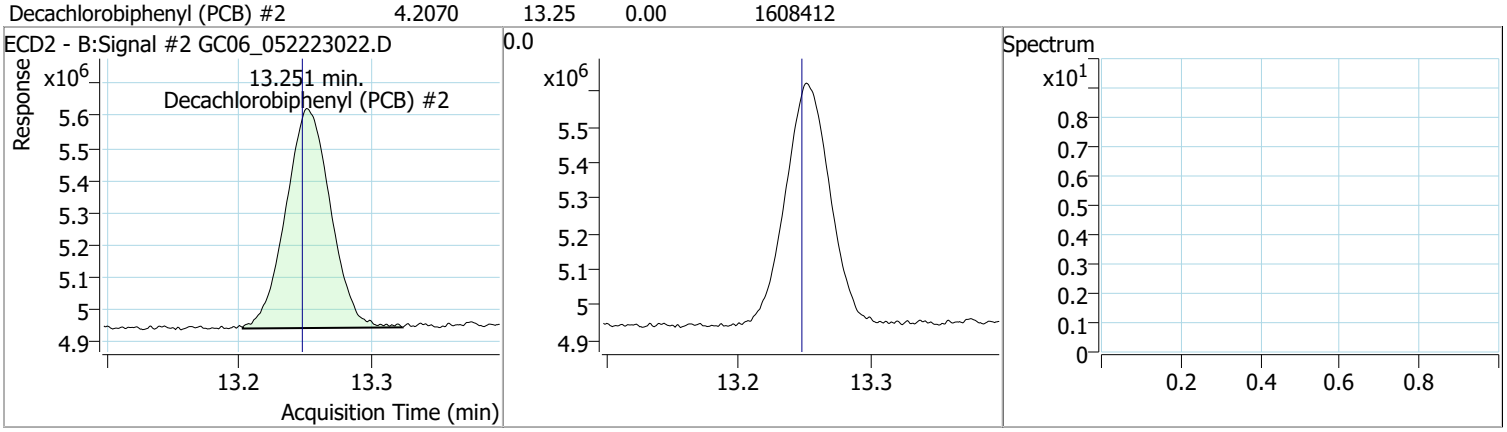
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	52.4162	11.66	0.00	1331119				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	4.0511	12.03	0.00	745781				

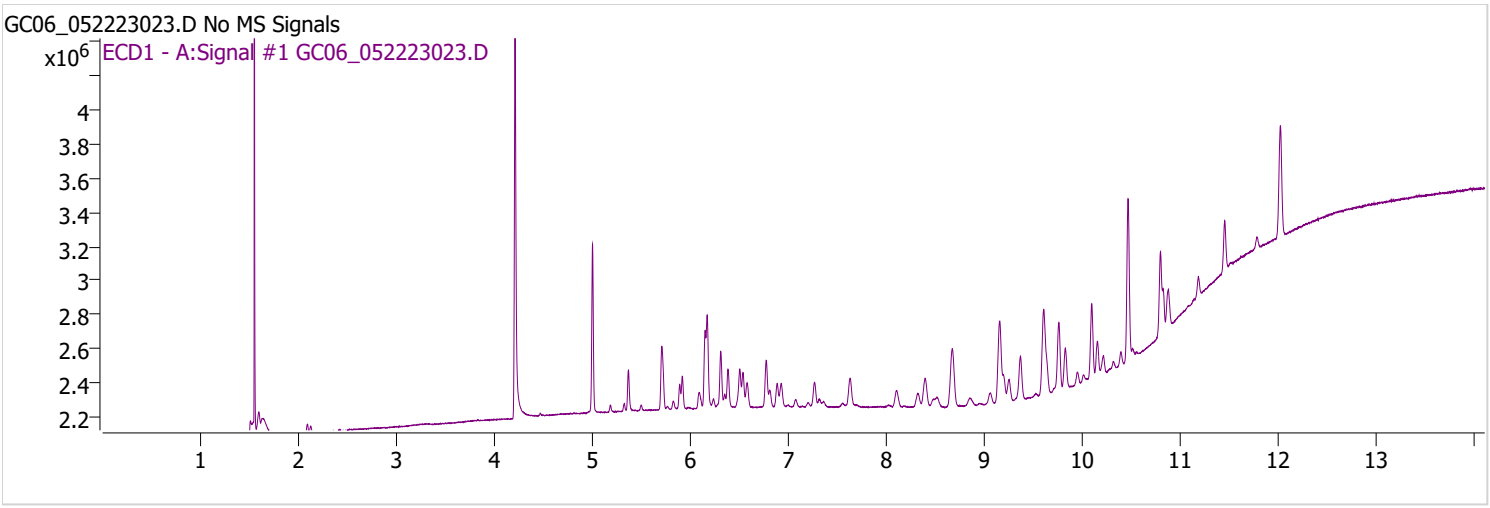


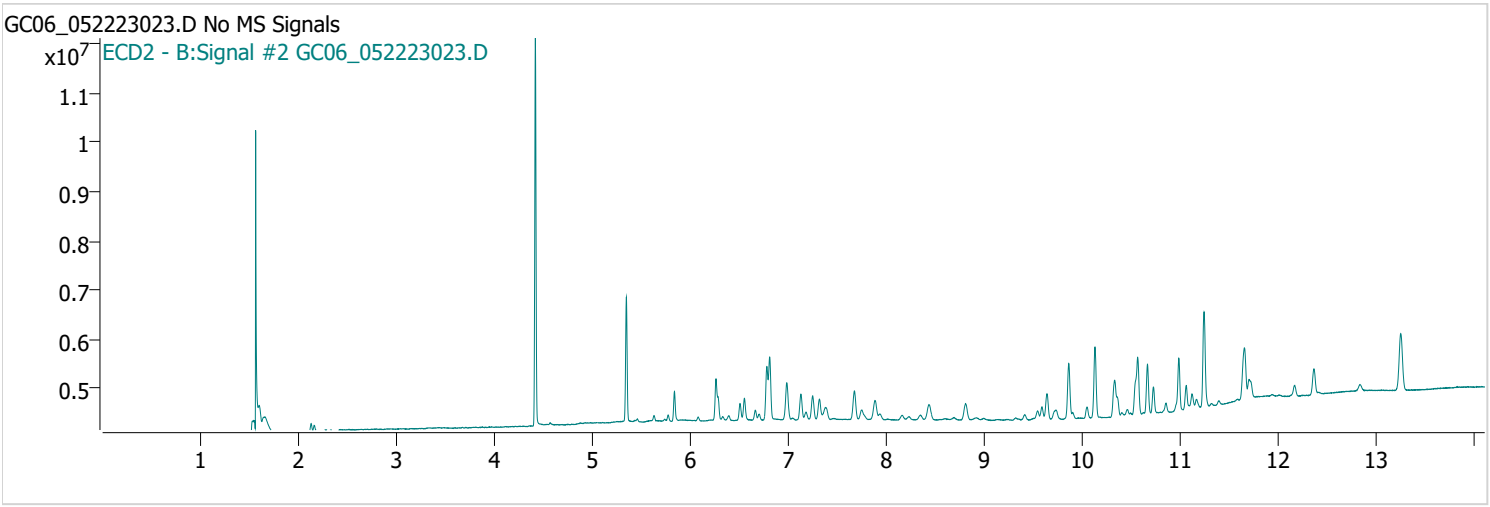
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	4.2070	13.25	0.00	1608412				



Quantitation Results Report (Not Reviewed)

Data File	GC06_052223023.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	5/22/2023 9:01:29 PM
Sample Name	ICAL, S18182	Instrument	SVOA-GC06
Vial	14	Multiplier	1.00
DA Method File	PCB_608_052223_GC06_1.m	Comment	
Tune File	ATUNE.U	Tune Date	
Batch Name	052223PCBICAL.batch.bin	Last Calib Update	5/23/2023 1:35:07 PM
Ref Library			



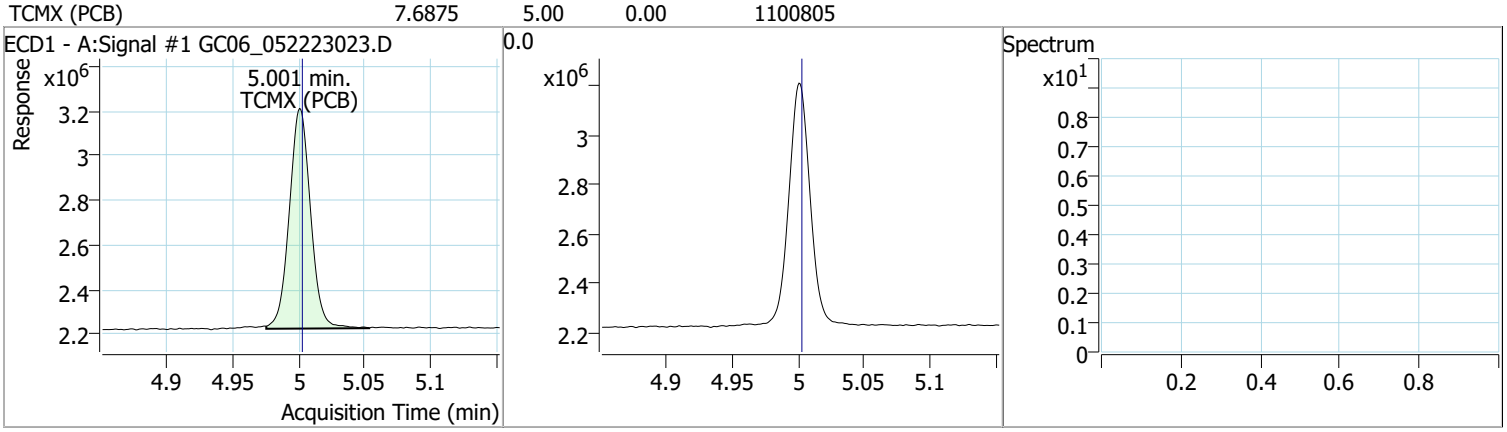


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1-bromo-2-nitrobenzene (PCB)	4.211	0.0	2701215.715	20.0000	ng/ml		0.001
M 1-bromo-2-nitrobenzene (PCB) #2	4.418	0.0	7163845.607	20.0000	ng/ml		0.000
System Monitoring Compounds							
S TCMX (PCB)	5.001	0.0	1100804.577	7.6875	ng/ml		0.000
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 38.44%		*	
S TCMX (PCB) #2	5.347	0.0	3053531.366	8.0585	ng/ml		0.000
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 40.29%		*	
S Decachlorobiphenyl (PCB)	12.022	0.0	1309504.225	7.3245	ng/ml		0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 36.62%		*	
S Decachlorobiphenyl (PCB) #2	13.250	0.0	2783991.765	7.3991	ng/ml		0.002
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 37.00%		*	
Target Compounds							QValue

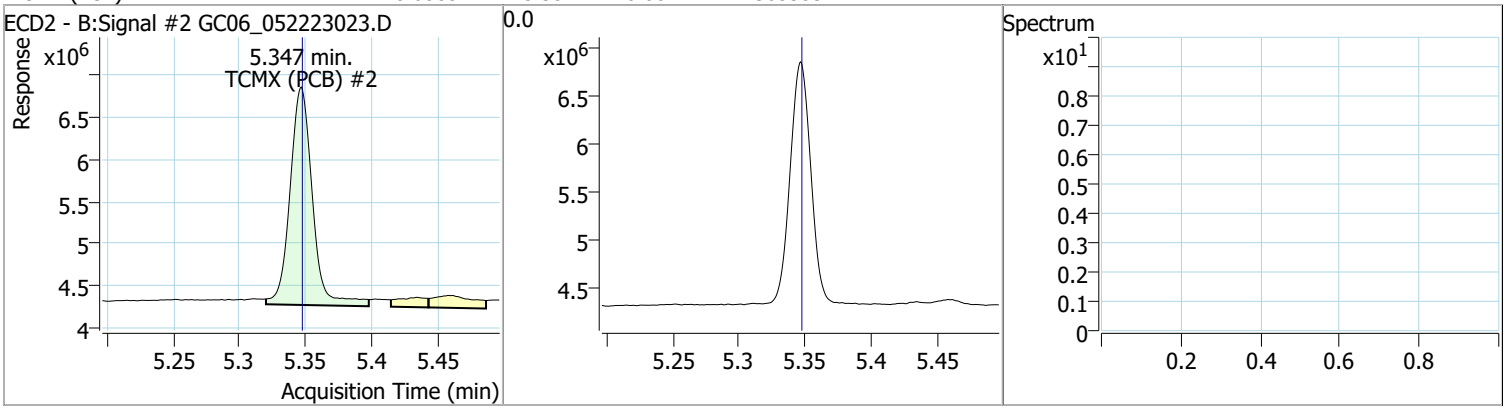
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T AR1016 1	5.368	0.0	316361.803	105.8151	ng/ml		100
T AR1016 2	5.708	0.0	648866.250	106.2727	ng/ml		100
T AR1016 1 #2	5.838	0.0	731895.926	98.1882	ng/ml		100
T AR1016 3	6.171	0.0	808506.117	103.8179	ng/ml	m	100
T AR1016 2 #2	6.261	0.0	1675264.586	100.1250	ng/ml		100
T AR1016 4	6.309	0.0	482906.788	100.6895	ng/ml		100
T AR1016 5	6.504	0.0	393725.344	110.6099	ng/ml		100
T AR1016 3 #2	6.809	0.0	2055068.366	102.1848	ng/ml		100
T AR1016 4 #2	6.983	0.0	1404765.702	96.8751	ng/ml		100
T AR1016 5 #2	7.248	0.0	789709.444	97.2721	ng/ml		100
T AR1260 1	8.673	0.0	921571.490	103.2405	ng/ml		100
T AR1260 2	9.158	0.0	1385465.649	102.0359	ng/ml		100
T AR1260 3	9.606	0.0	1393398.931	95.7404	ng/ml		100
T AR1260 1 #2	9.862	0.0	1964289.571	96.8037	ng/ml		100
T AR1260 4	10.096	0.0	754869.842	94.8827	ng/ml		100
T AR1260 2 #2	10.129	0.0	2335145.468	101.8200	ng/ml		100
T AR1260 3 #2	10.565	0.0	2740598.241	93.1106	ng/ml		100
T AR1260 5	10.798	0.0	1147089.125	88.6400	ng/ml		100
T AR1260 4 #2	10.985	0.0	1673538.389	97.2878	ng/ml		100
T AR1260 5 #2	11.654	0.0	2478591.421	99.1728	ng/ml		100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

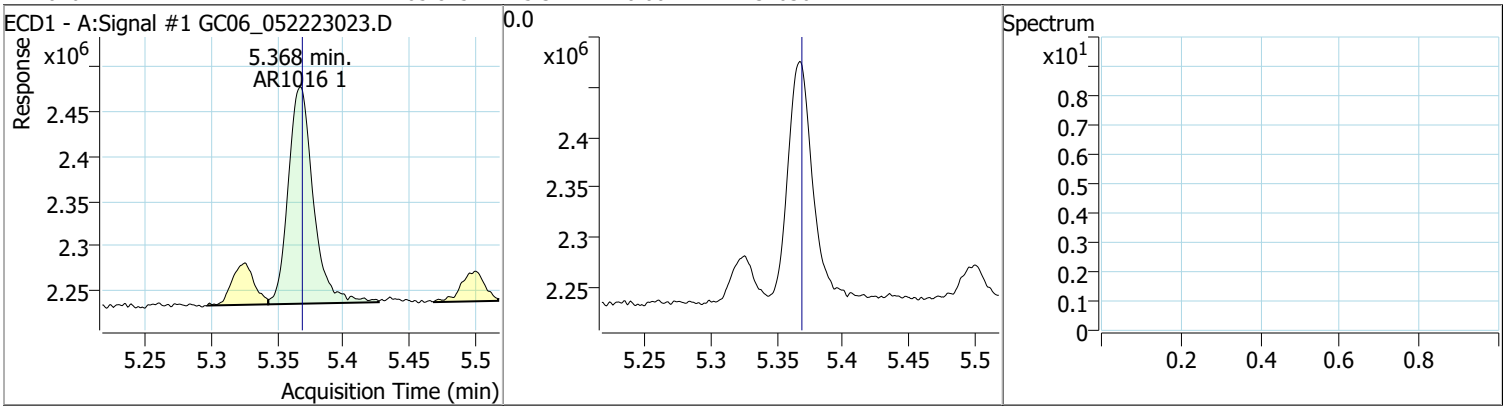
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	7.6875	5.00	0.00	1100805				



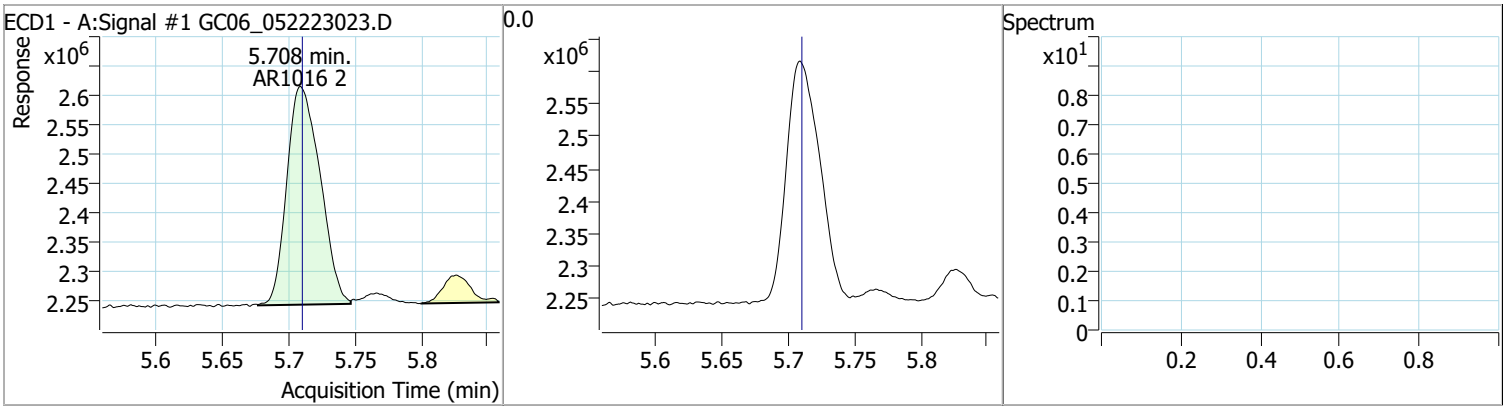
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB) #2	8.0585	5.35	0.00	3053531				



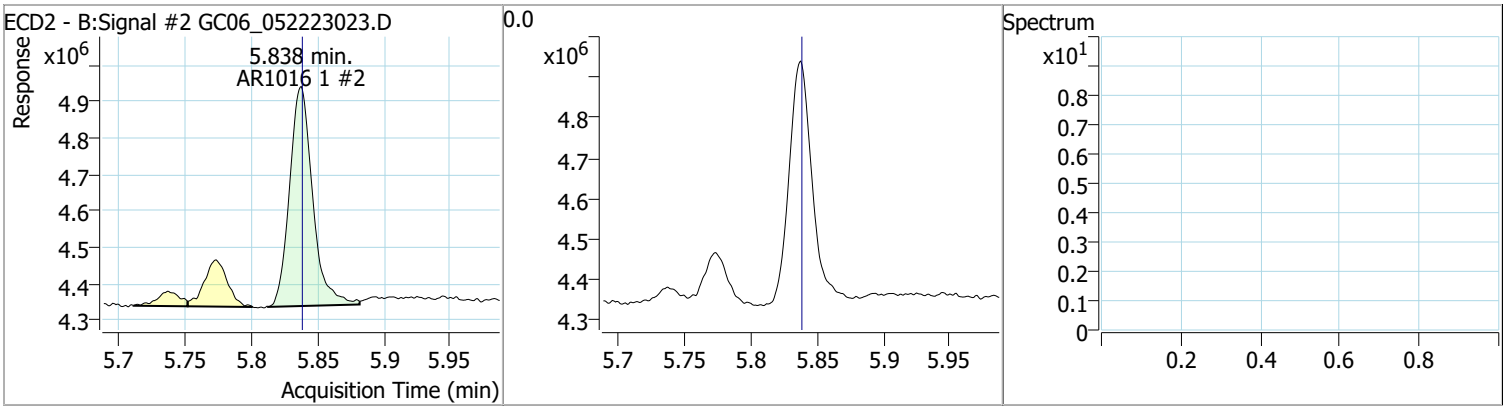
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	105.8151	5.37	0.00	316362				



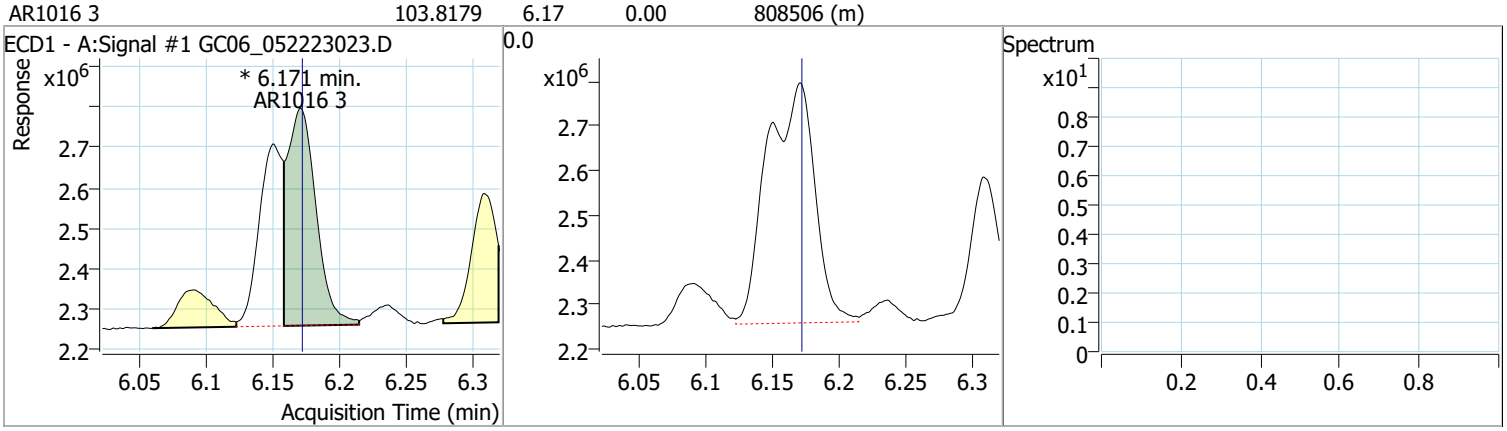
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	106.2727	5.71	0.00	648866				



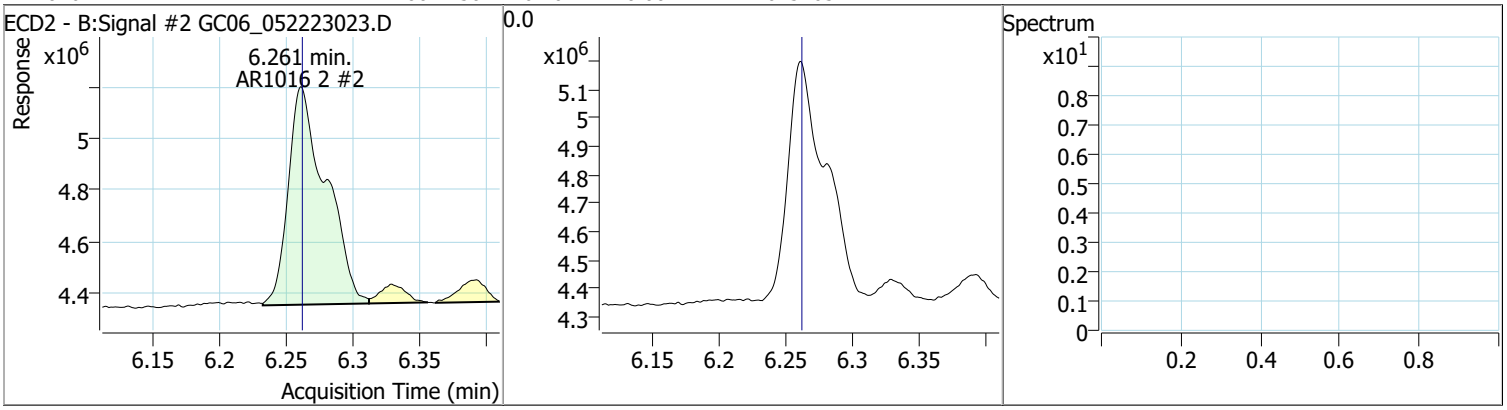
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1 #2	98.1882	5.84	0.00	731896				



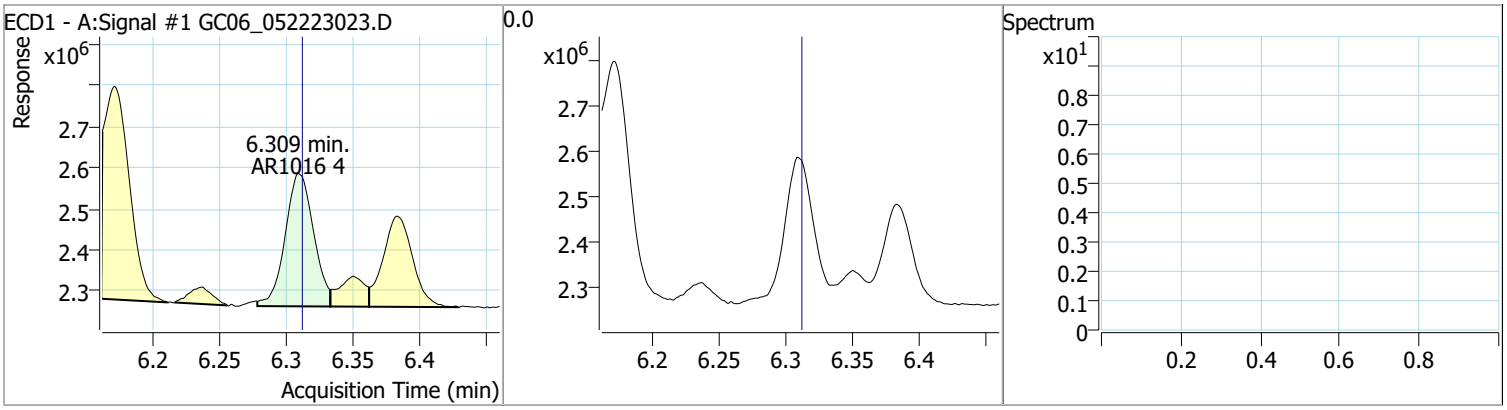
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	103.8179	6.17	0.00	808506 (m)				



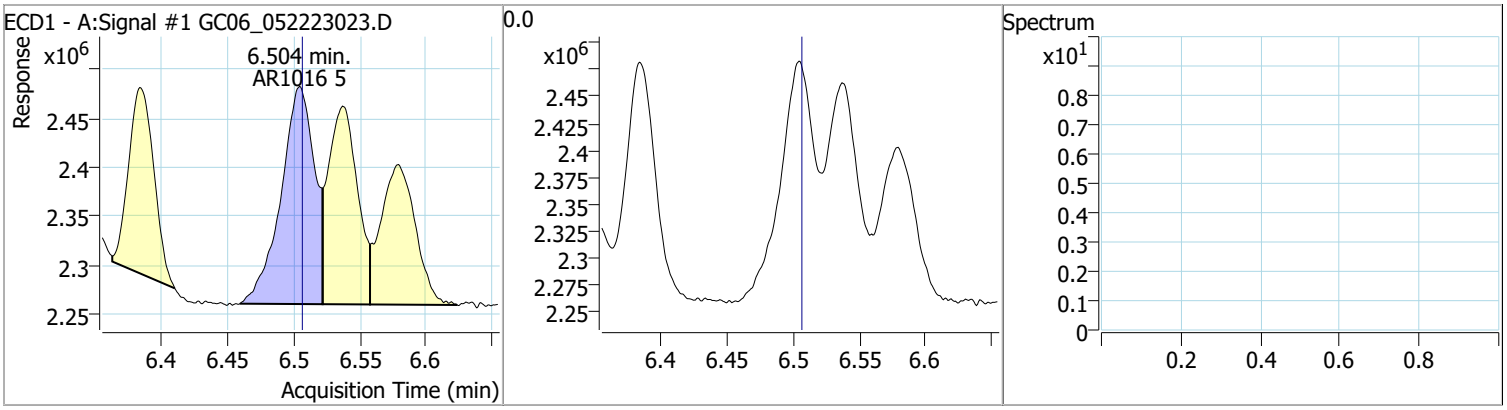
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	100.1250	6.26	0.00	1675265				



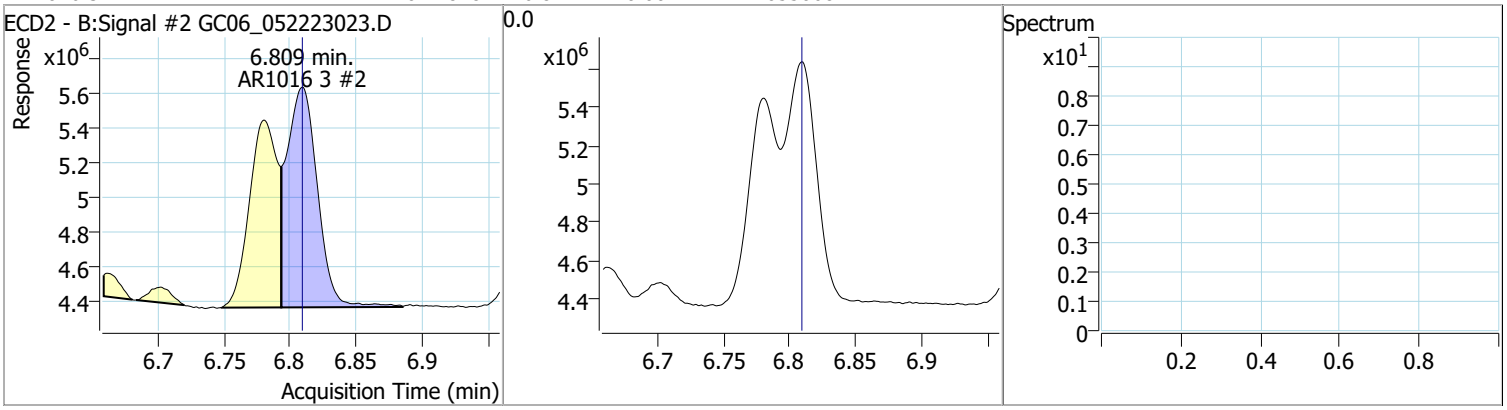
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4	100.6895	6.31	0.00	482907				



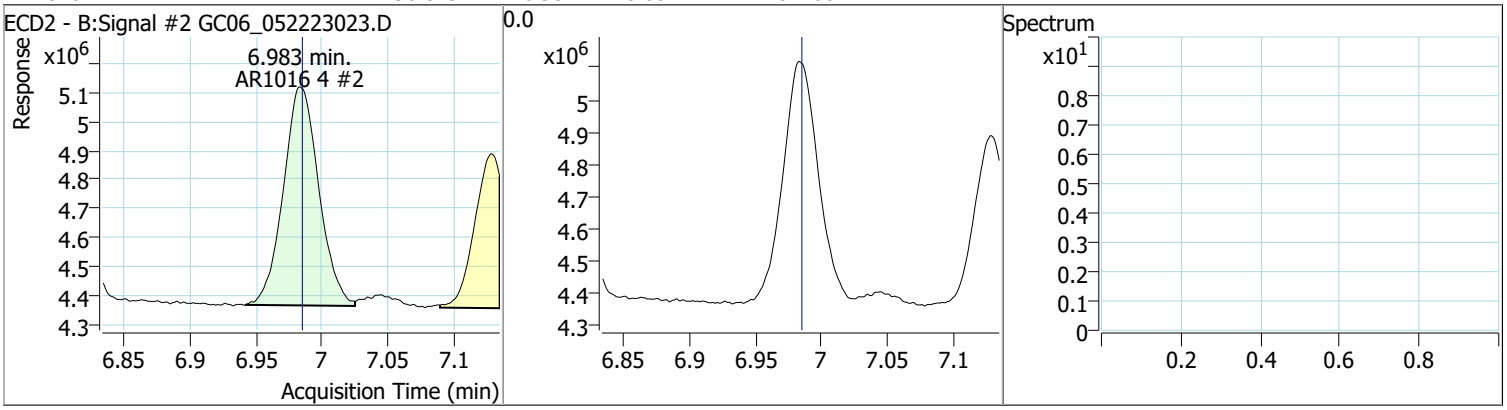
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	110.6099	6.50	0.00	393725				



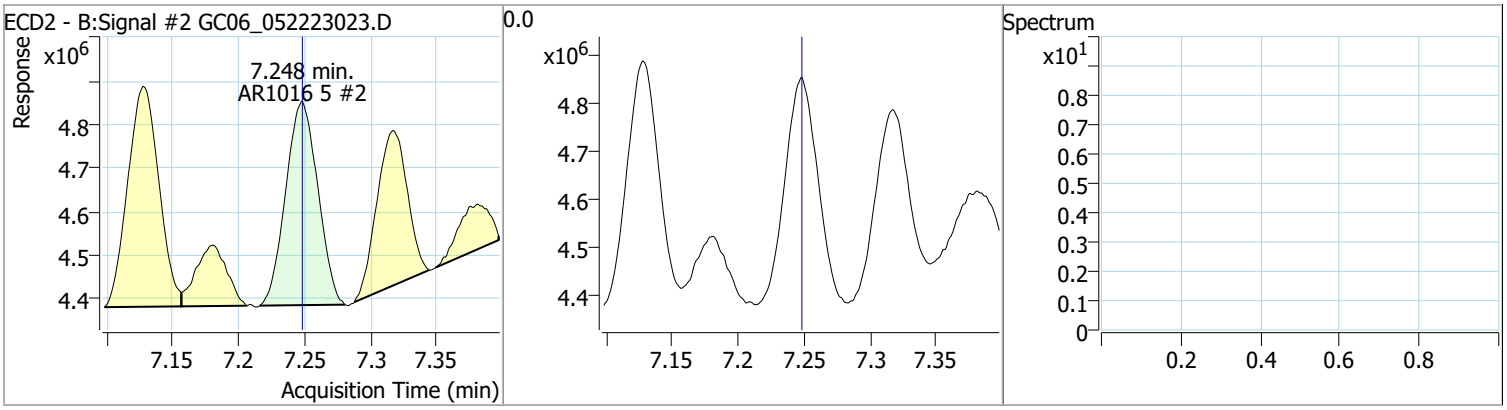
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	102.1848	6.81	0.00	2055068				



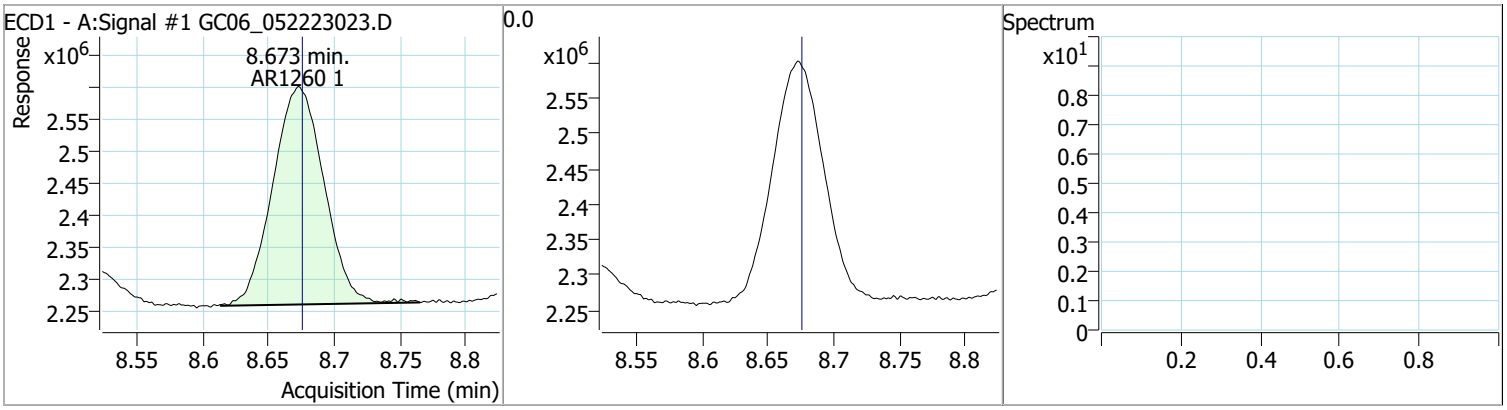
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4 #2	96.8751	6.98	0.00	1404766				



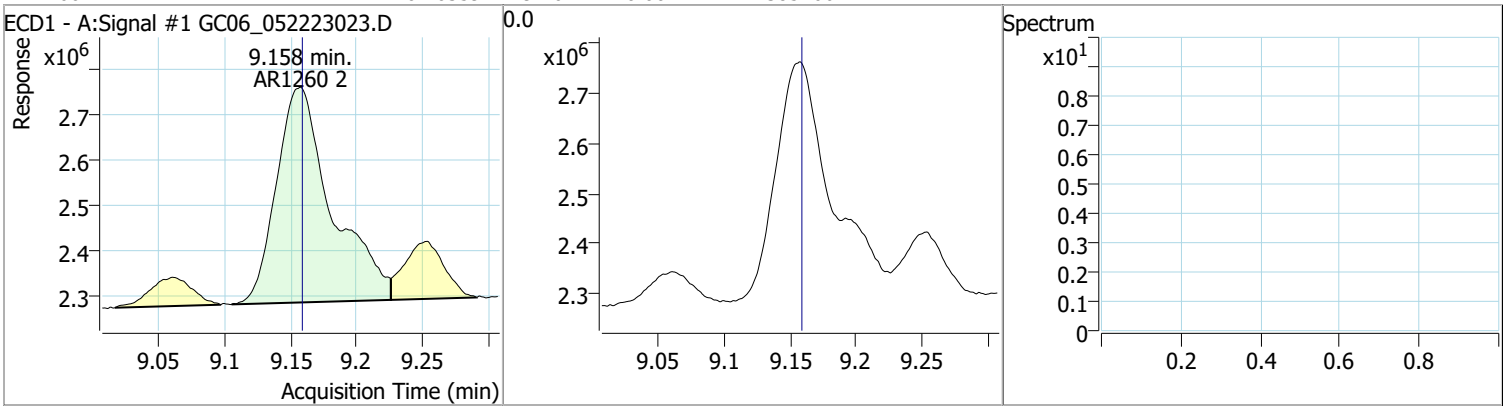
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	97.2721	7.25	0.00	789709				



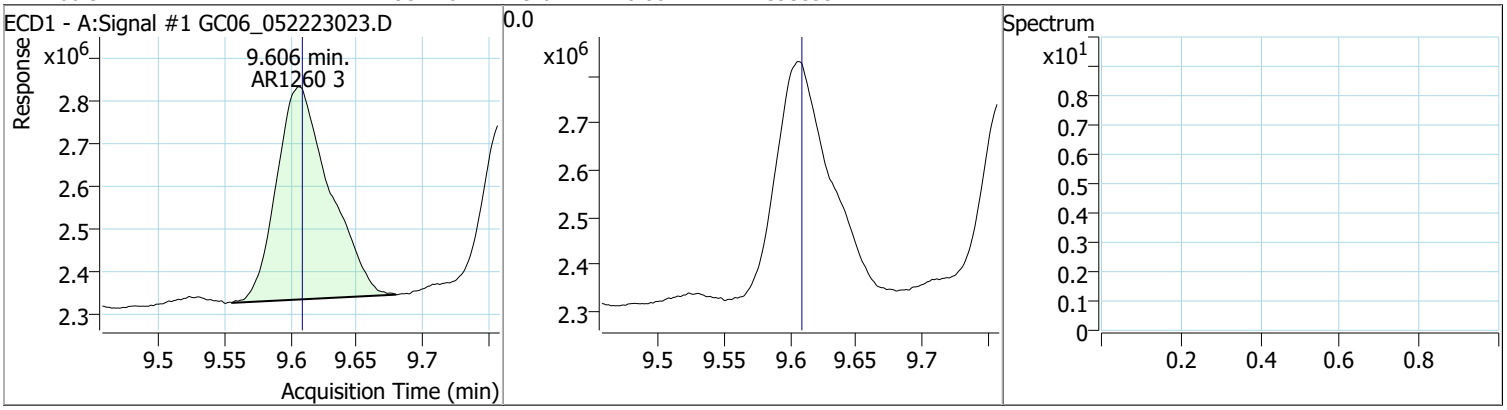
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	103.2405	8.67	0.00	921571				



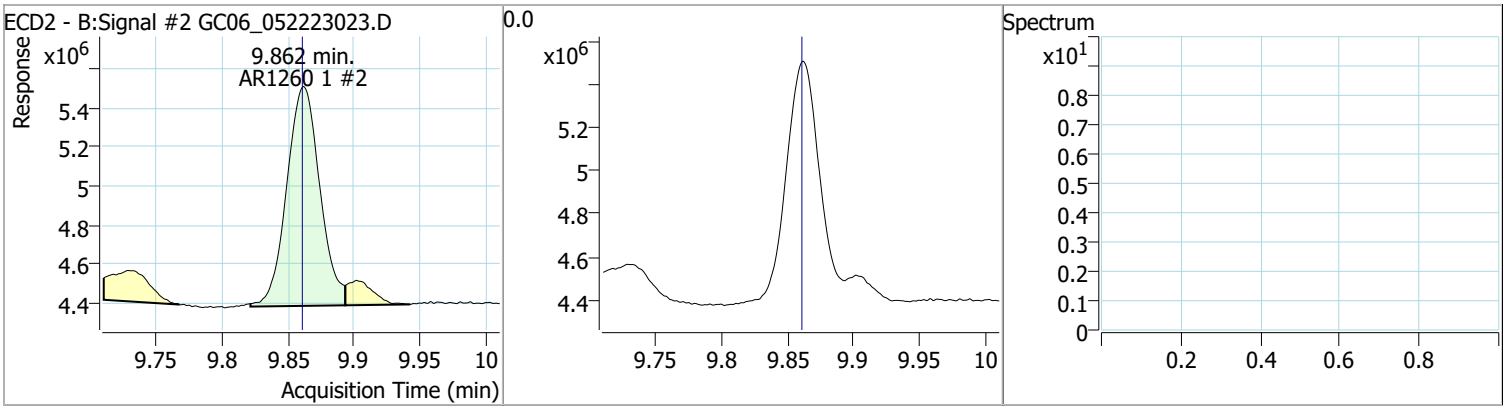
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	102.0359	9.16	0.00	1385466				



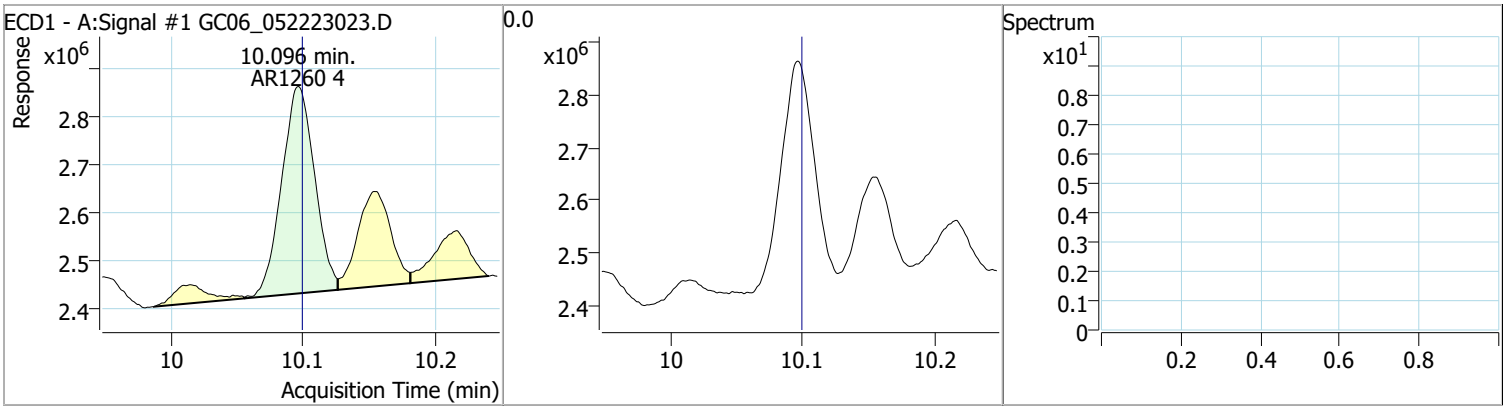
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3	95.7404	9.61	0.00	1393399				



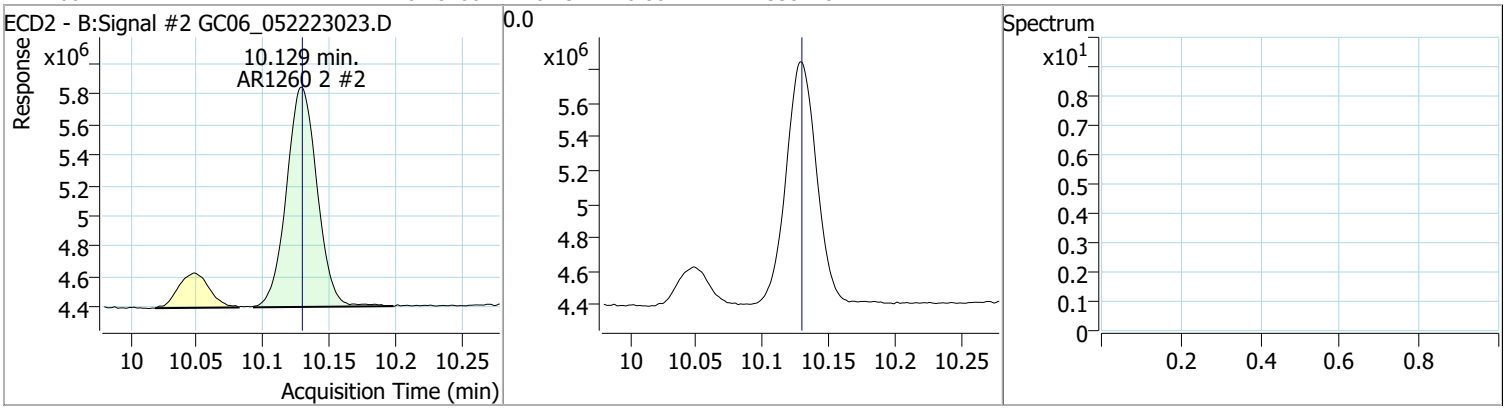
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1 #2	96.8037	9.86	0.00	1964290				



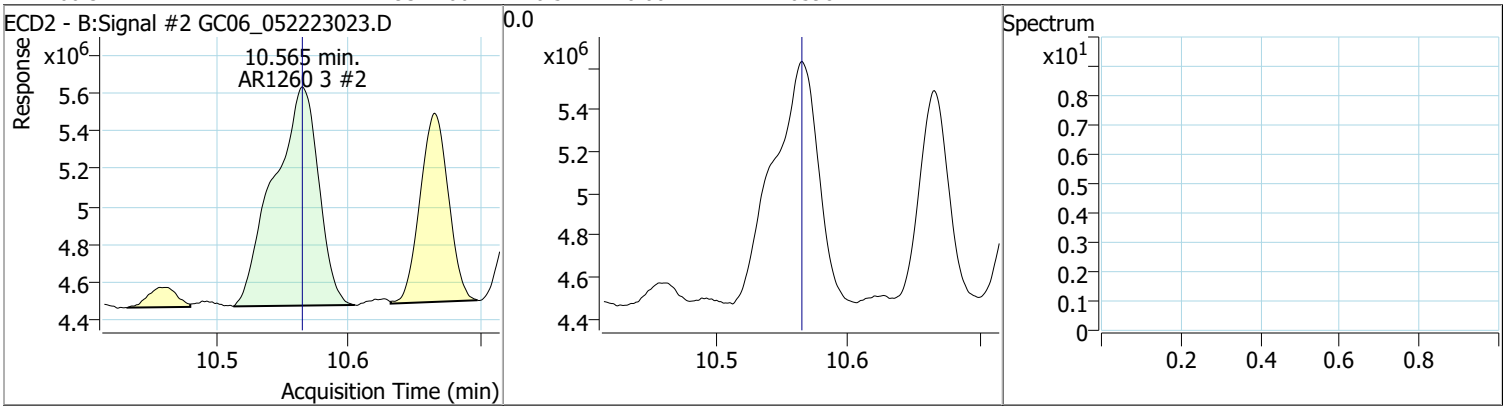
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4	94.8827	10.10	0.00	754870				



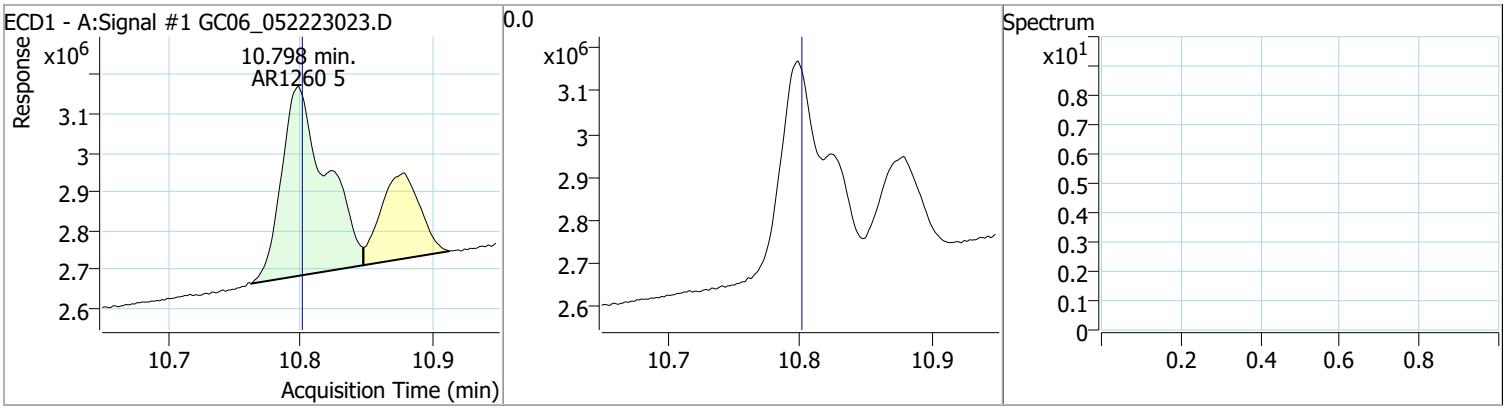
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	101.8200	10.13	0.00	2335145				



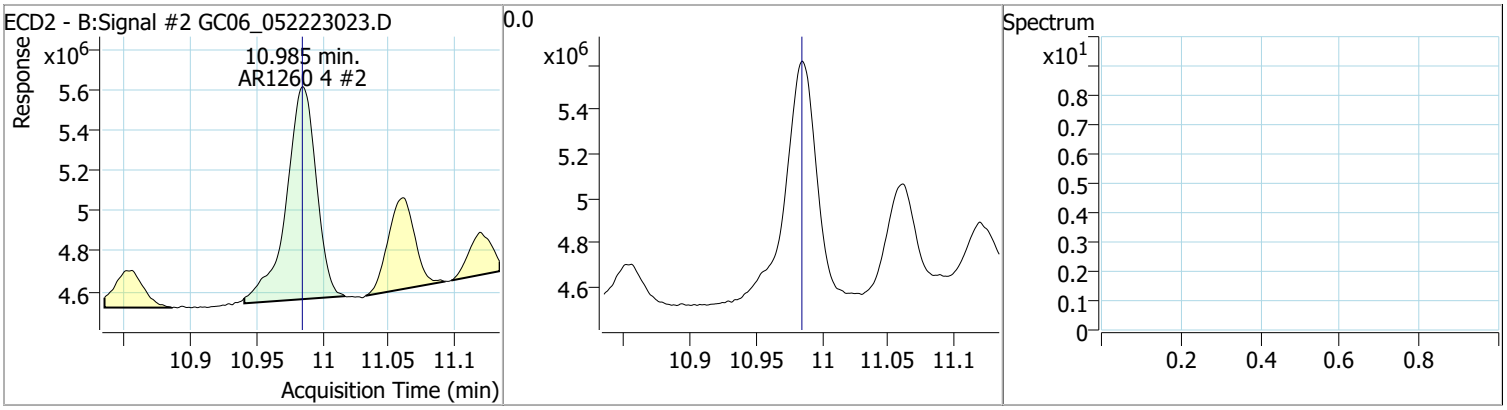
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3 #2	93.1106	10.57	0.00	2740598				



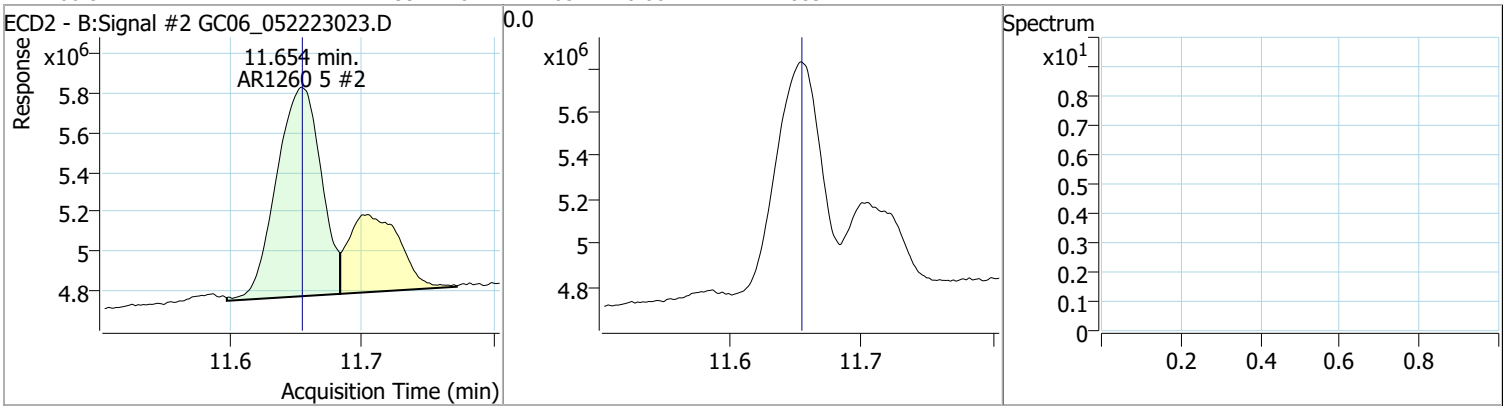
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	88.6400	10.80	0.00	1147089				



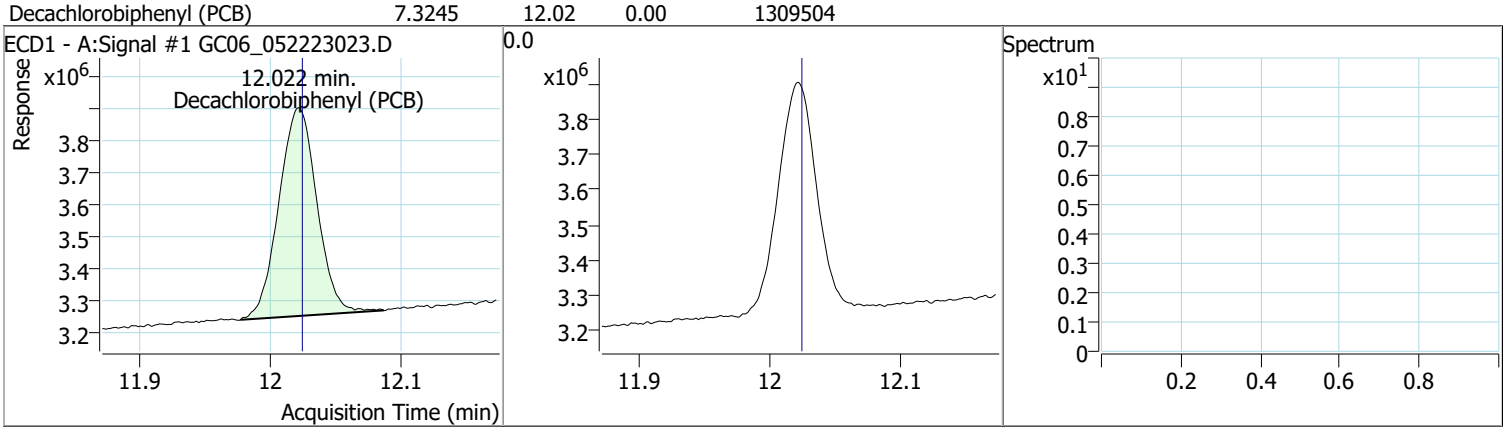
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	97.2878	10.99	0.00	1673538				



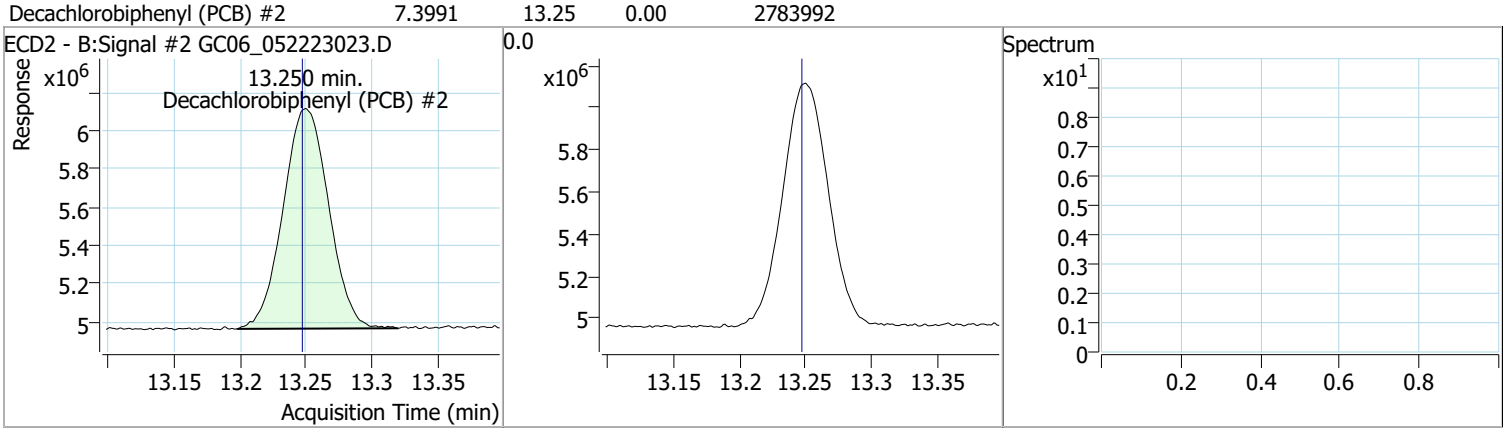
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	99.1728	11.65	0.00	2478591				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	7.3245	12.02	0.00	1309504				

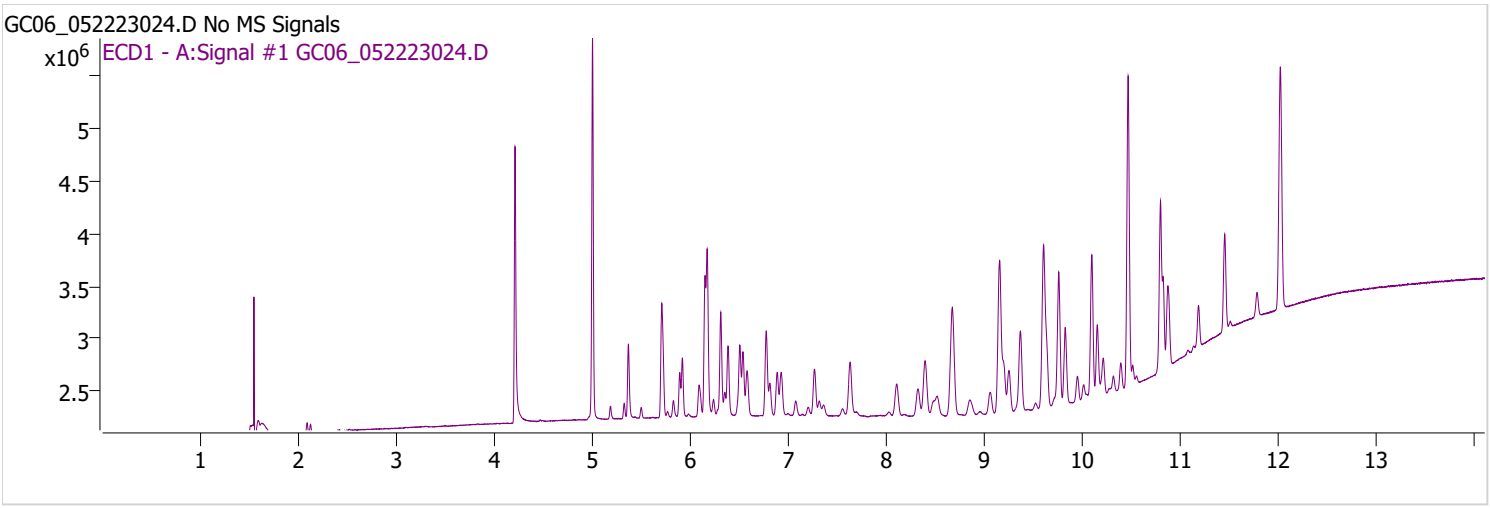


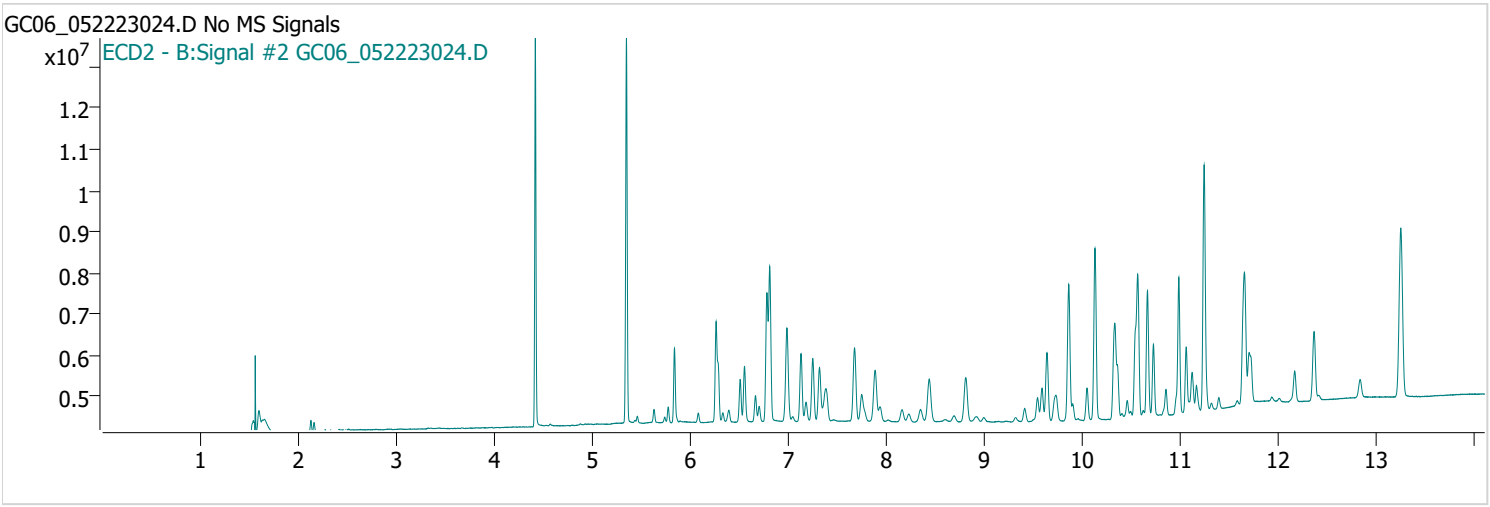
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	7.3991	13.25	0.00	2783992				



Quantitation Results Report (Not Reviewed)

Data File	GC06_052223024.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	5/22/2023 9:19:49 PM
Sample Name	ICAL, S18183	Instrument	SVOA-GC06
Vial	15	Multiplier	1.00
DA Method File	PCB_608_052223_GC06_1.m	Comment	
Tune File	ATUNE.U	Tune Date	
Batch Name	052223PCBICAL.batch.bin	Last Calib Update	5/23/2023 1:35:07 PM
Ref Library			



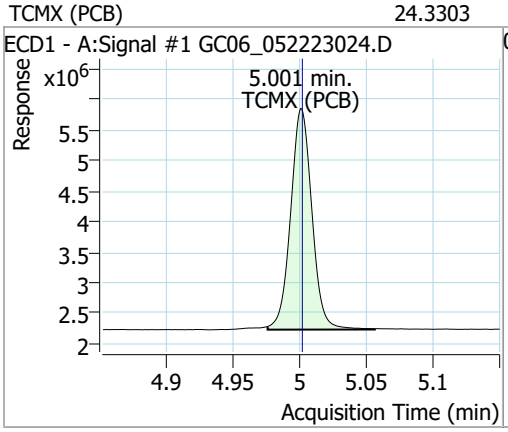


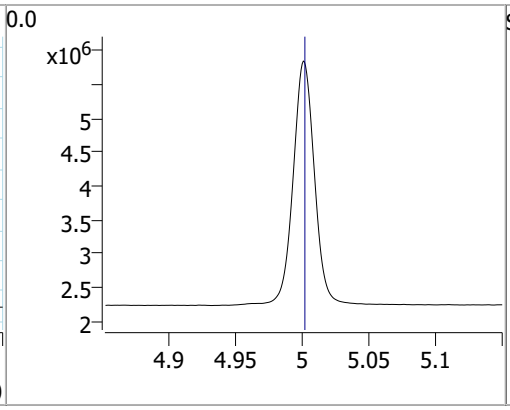
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M 1-bromo-2-nitrobenzene (PCB)	4.210	0.0	3136143.427	20.0000	ng/ml	0.000
M 1-bromo-2-nitrobenzene (PCB) #2	4.418	0.0	8348445.363	20.0000	ng/ml	0.000
System Monitoring Compounds						
S TCMX (PCB)	5.001	0.0	4044893.271	24.3303	ng/ml	0.000
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 121.65%		
S TCMX (PCB) #2	5.348	0.0	10185652.533	23.0664	ng/ml	0.000
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 115.33%		
S Decachlorobiphenyl (PCB)	12.021	0.0	4744254.847	22.8562	ng/ml	0.000
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 114.28%		
S Decachlorobiphenyl (PCB) #2	13.251	0.0	10006446.561	22.8209	ng/ml	0.003
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 114.10%		
Target Compounds						QValue

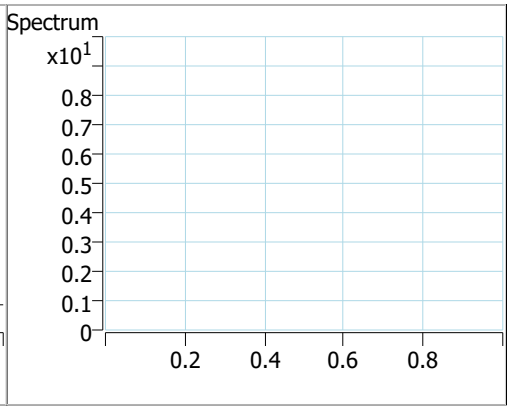
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T AR1016 1	5.367	0.0	936484.508	269.7910	ng/ml		100
T AR1016 2	5.708	0.0	1884947.854	265.9067	ng/ml		100
T AR1016 1 #2	5.838	0.0	2238072.148	257.6467	ng/ml		100
T AR1016 3	6.171	0.0	2399825.850	265.4190	ng/ml	m	100
T AR1016 2 #2	6.263	0.0	4915000.875	252.0712	ng/ml		100
T AR1016 4	6.310	0.0	1451202.229	260.6226	ng/ml		100
T AR1016 5	6.504	0.0	1122667.609	271.6534	ng/ml		100
T AR1016 3 #2	6.809	0.0	6155247.343	262.6312	ng/ml		100
T AR1016 4 #2	6.985	0.0	4346212.881	257.1933	ng/ml		100
T AR1016 5 #2	7.249	0.0	2507043.778	264.9863	ng/ml		100
T AR1260 1	8.673	0.0	2777992.308	268.0497	ng/ml		100
T AR1260 2	9.157	0.0	4275197.530	271.1918	ng/ml		100
T AR1260 3	9.605	0.0	4289839.545	253.8774	ng/ml		100
T AR1260 1 #2	9.862	0.0	6044954.821	255.6348	ng/ml		100
T AR1260 4	10.097	0.0	2431958.450	263.2901	ng/ml		100
T AR1260 2 #2	10.129	0.0	7114255.728	266.1884	ng/ml		100
T AR1260 3 #2	10.565	0.0	8510147.506	248.1026	ng/ml		100
T AR1260 5	10.798	0.0	3929741.042	261.5532	ng/ml		100
T AR1260 4 #2	10.985	0.0	5124485.687	255.6312	ng/ml		100
T AR1260 5 #2	11.654	0.0	7656893.369	262.8942	ng/ml		100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

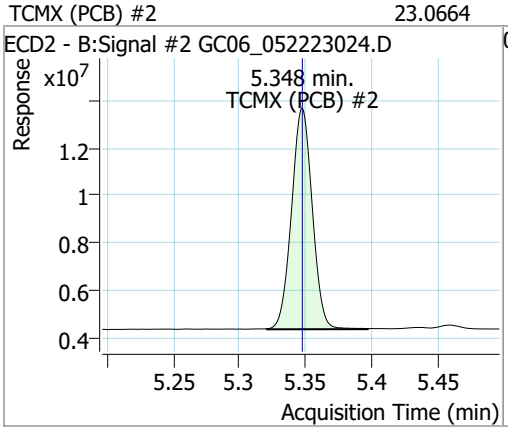
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	24.3303	5.00	0.00	4044893				

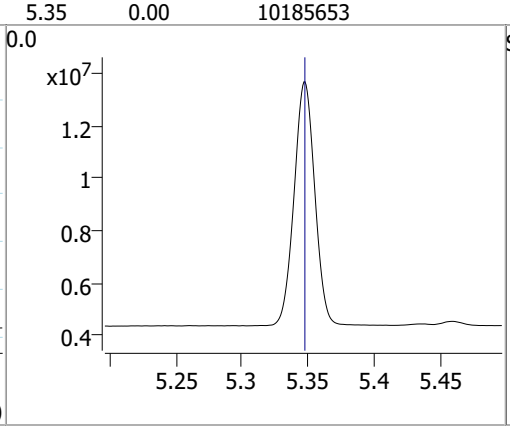


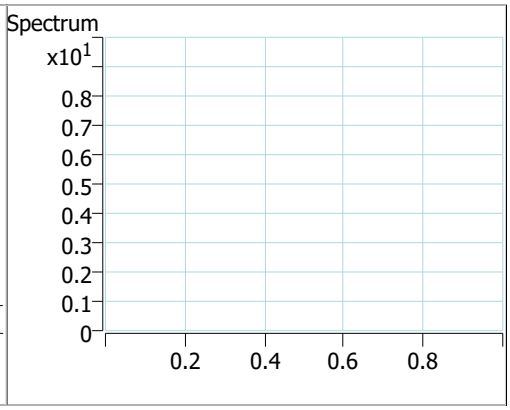




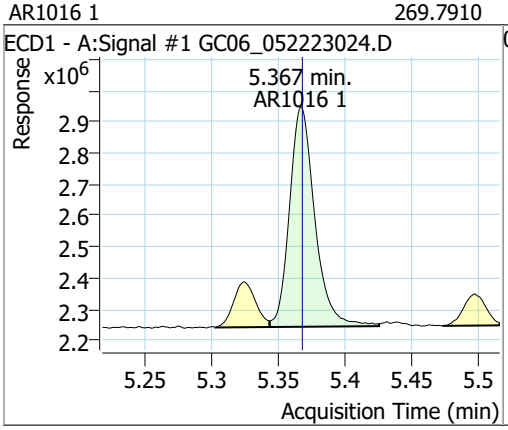
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB) #2	23.0664	5.35	0.00	10185653				

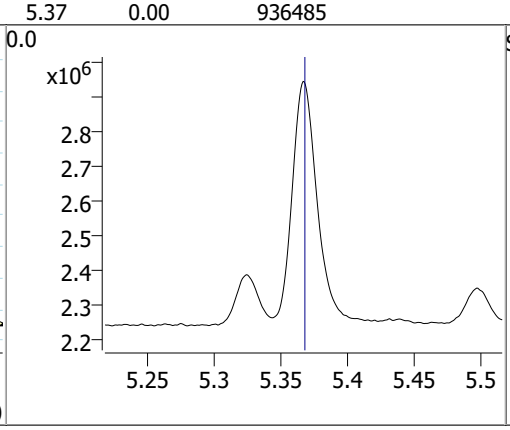


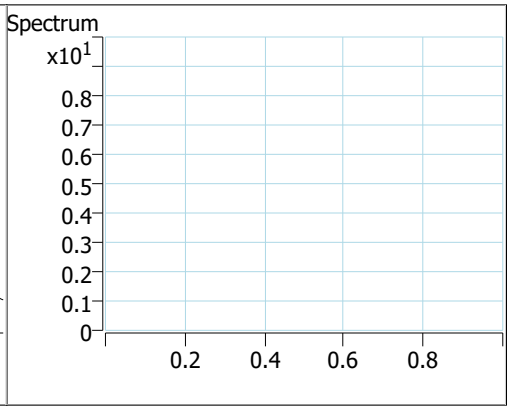




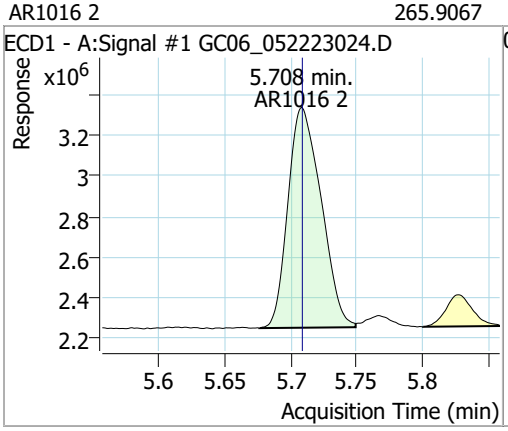
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	269.7910	5.37	0.00	936485				

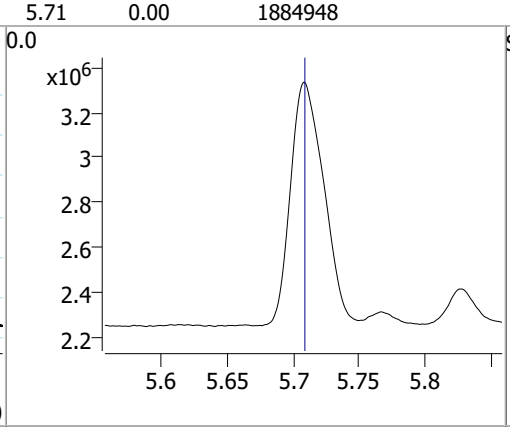


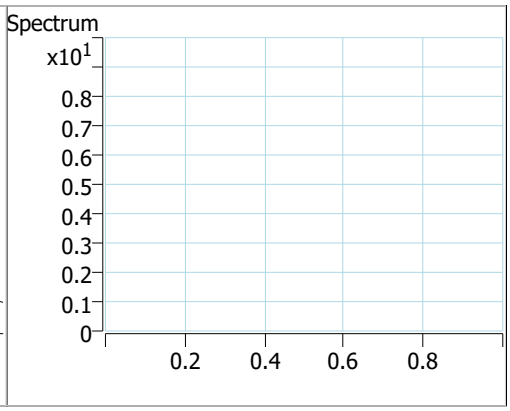




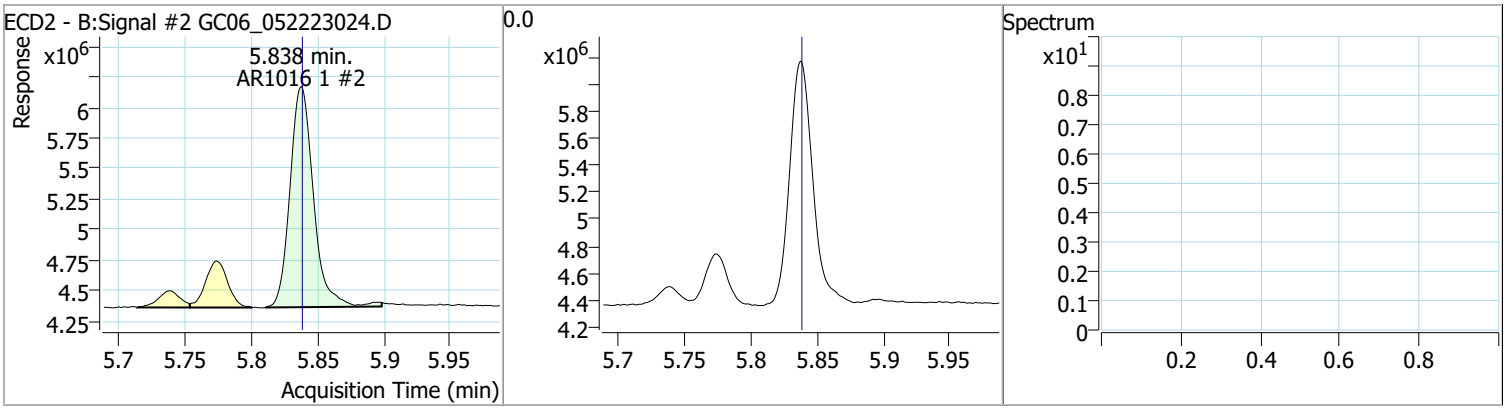
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	265.9067	5.71	0.00	1884948				



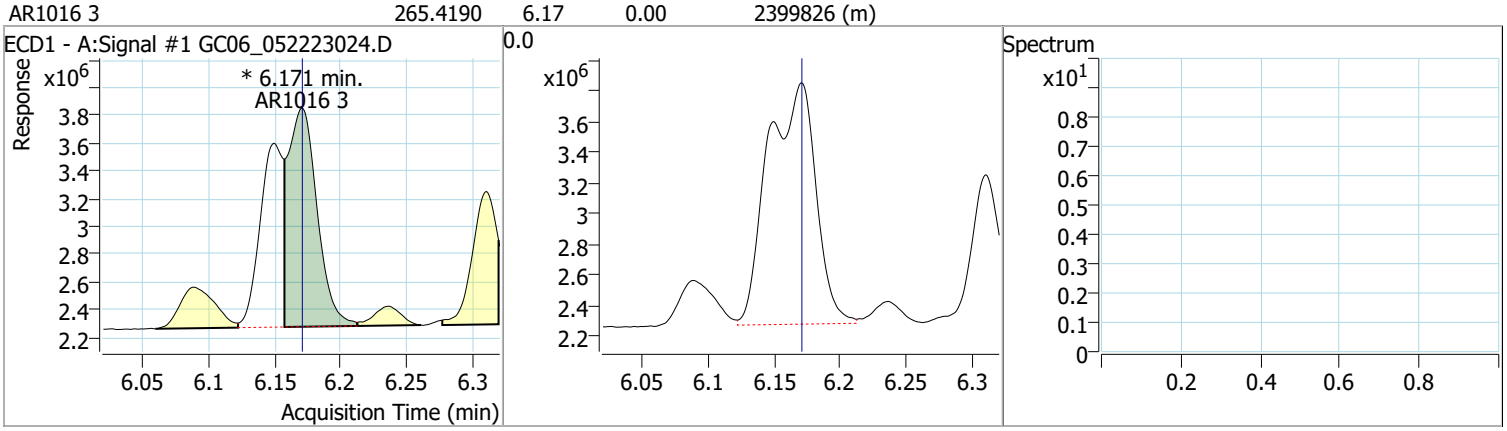




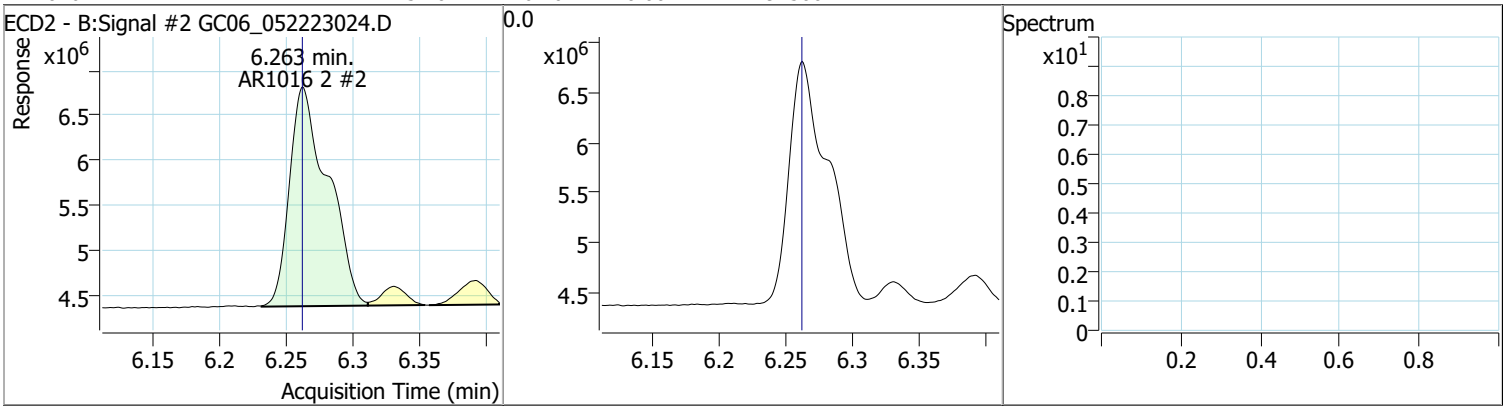
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1 #2	257.6467	5.84	0.00	2238072				



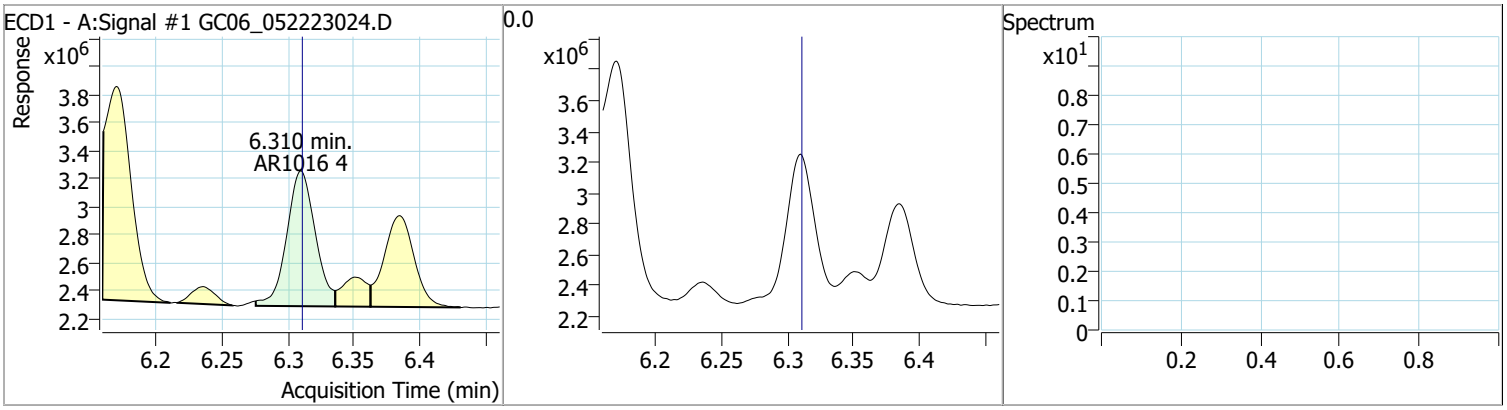
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	265.4190	6.17	0.00	2399826 (m)				



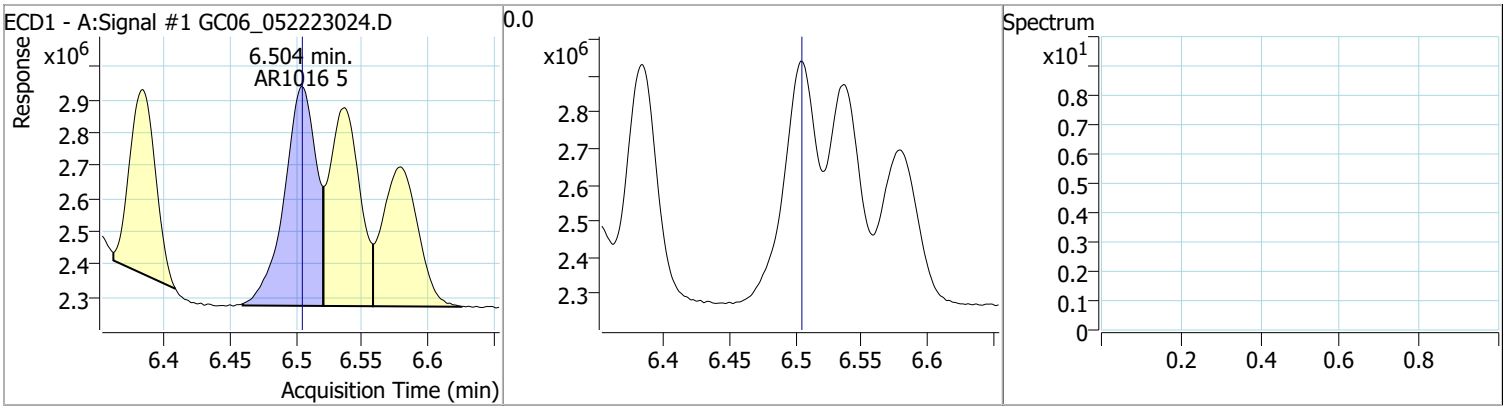
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	252.0712	6.26	0.00	4915001				



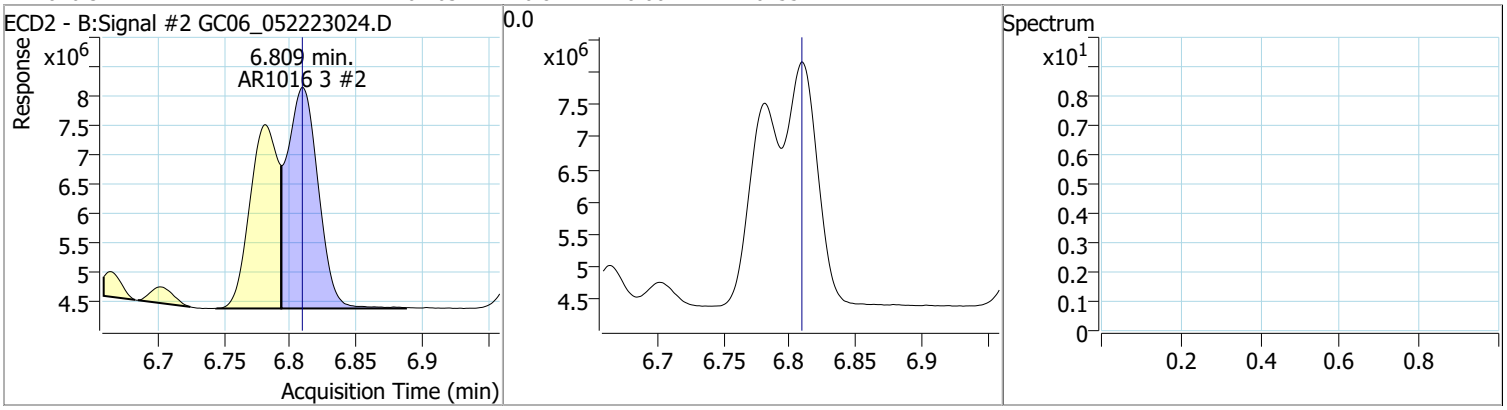
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4	260.6226	6.31	0.00	1451202				



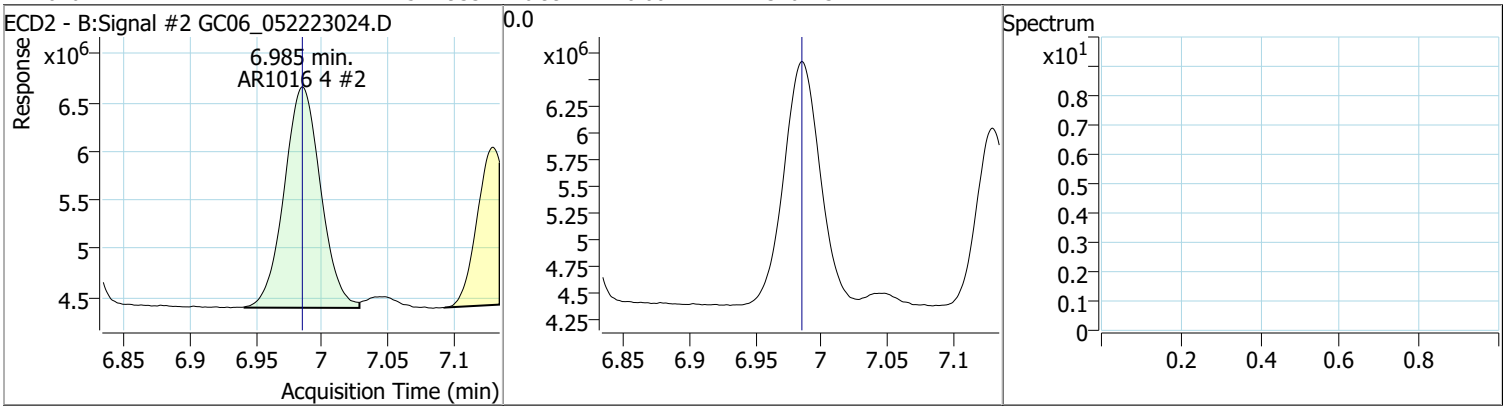
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	271.6534	6.50	0.00	1122668				



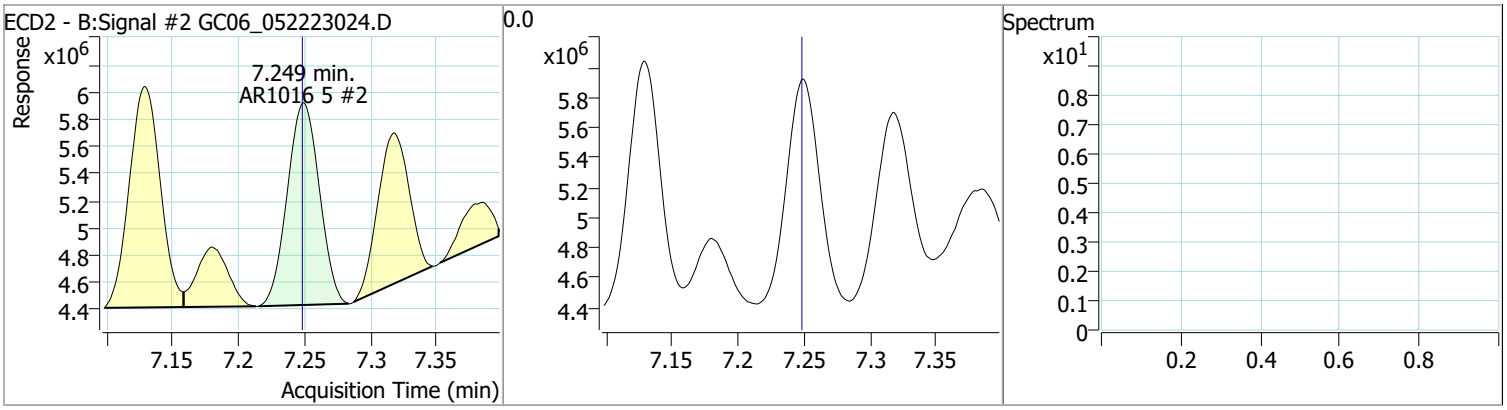
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	262.6312	6.81	0.00	6155247				



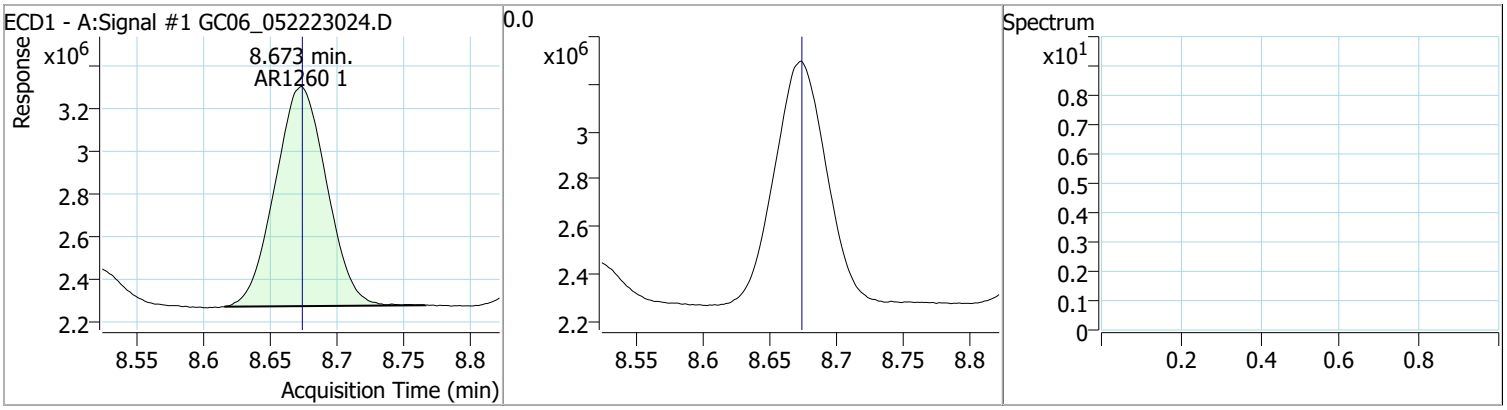
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4 #2	257.1933	6.99	0.00	4346213				



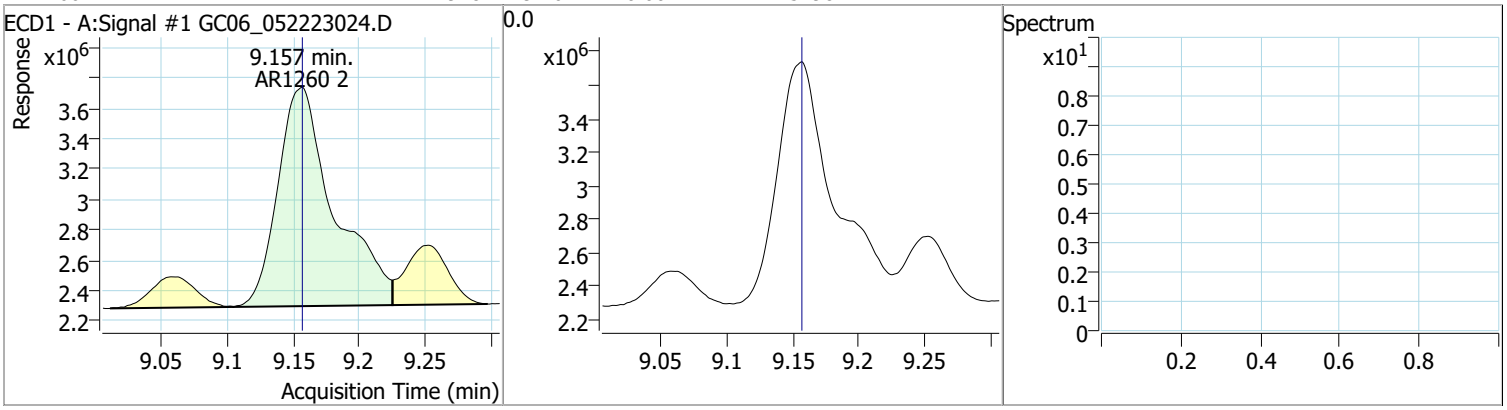
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	264.9863	7.25	0.00	2507044				



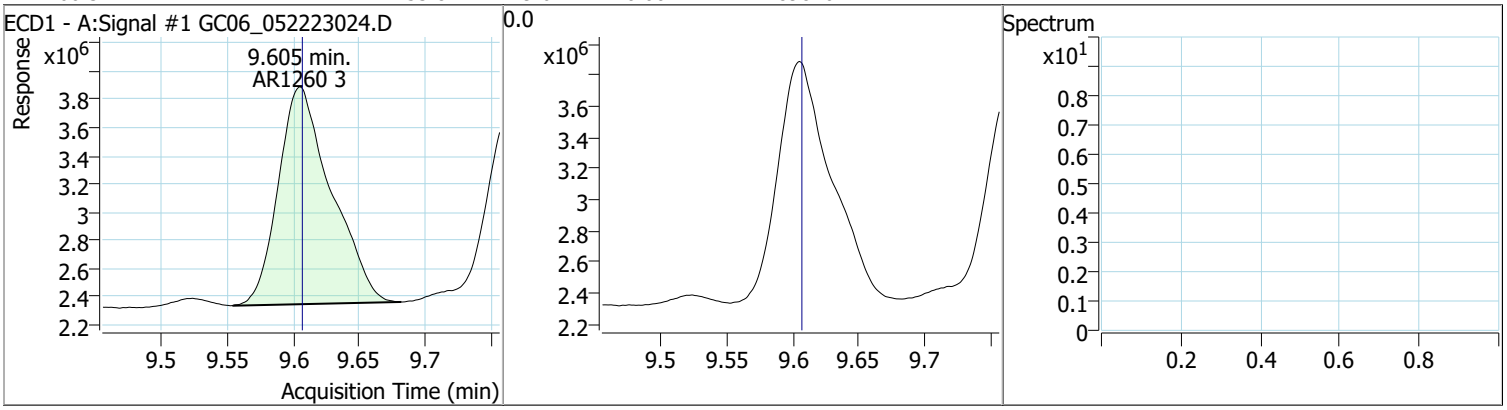
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	268.0497	8.67	0.00	2777992				



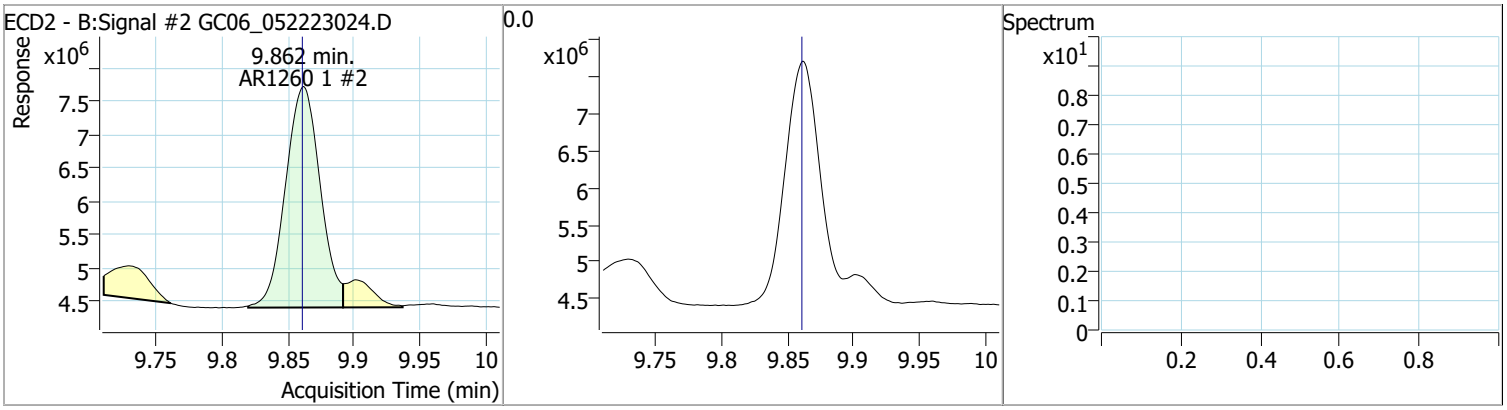
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	271.1918	9.16	0.00	4275198				



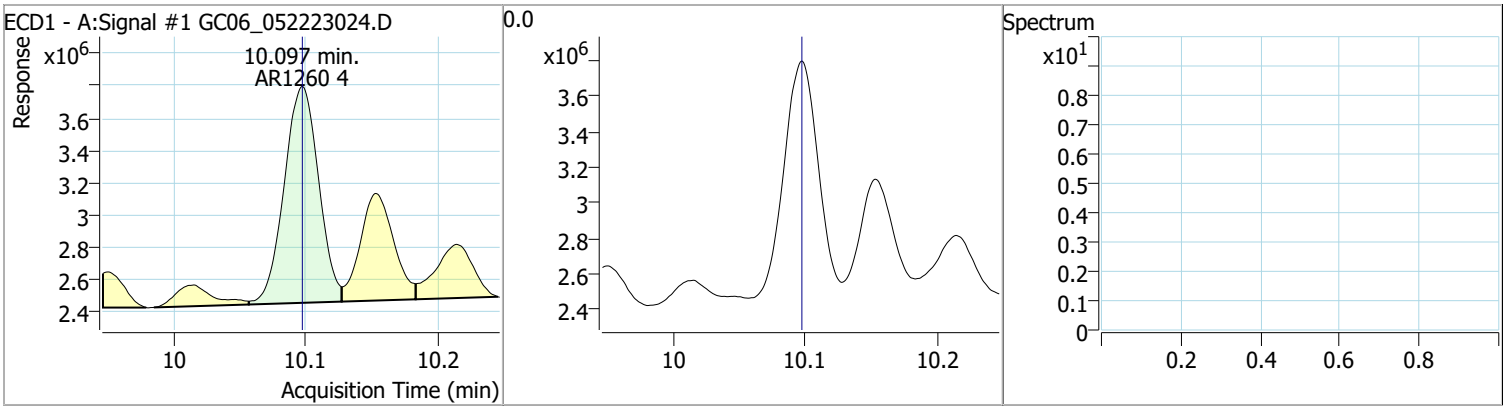
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3	253.8774	9.61	0.00	4289840				



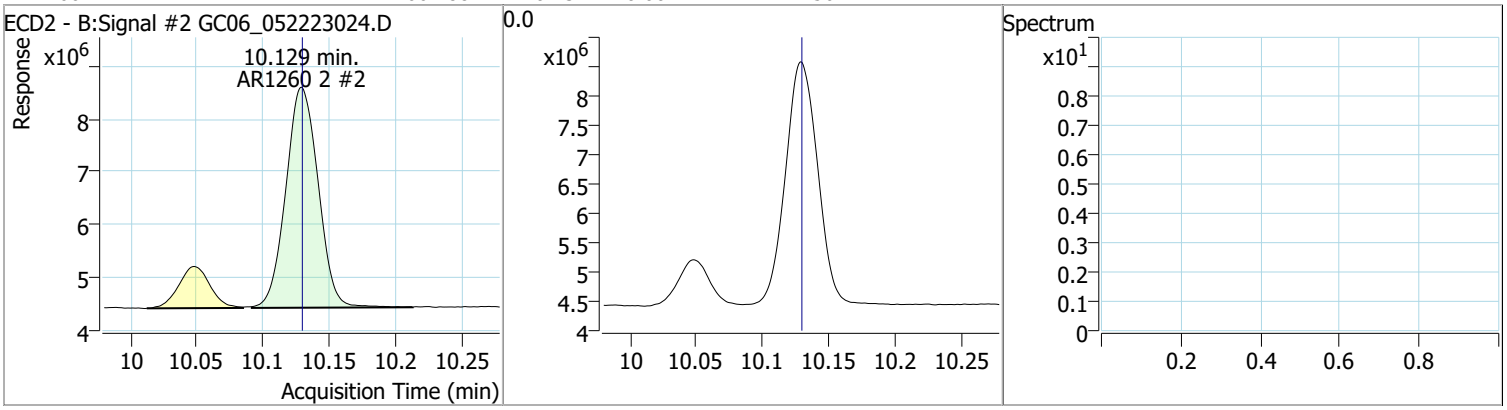
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1 #2	255.6348	9.86	0.00	6044955				



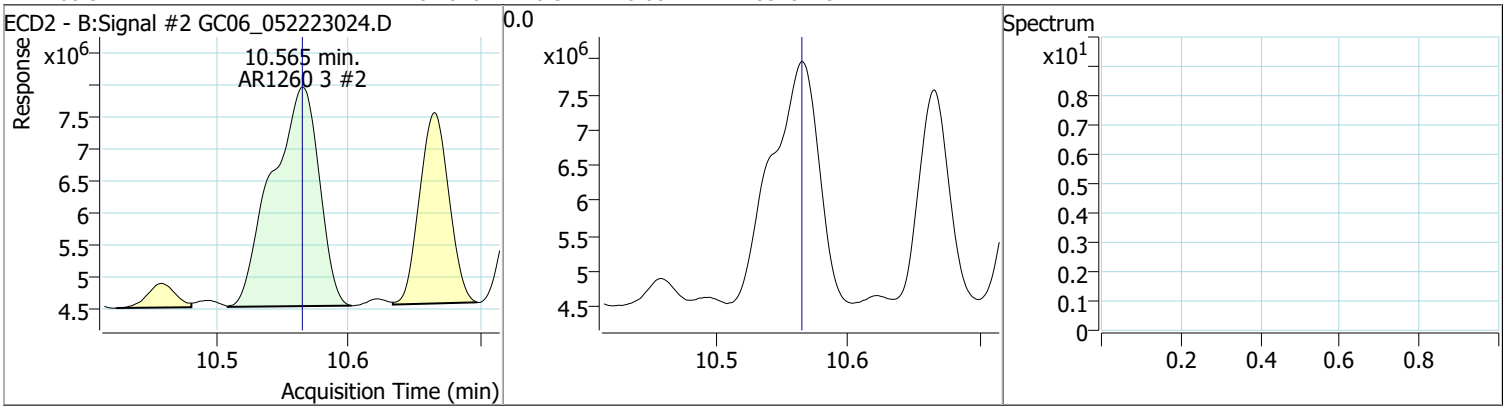
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4	263.2901	10.10	0.00	2431958				



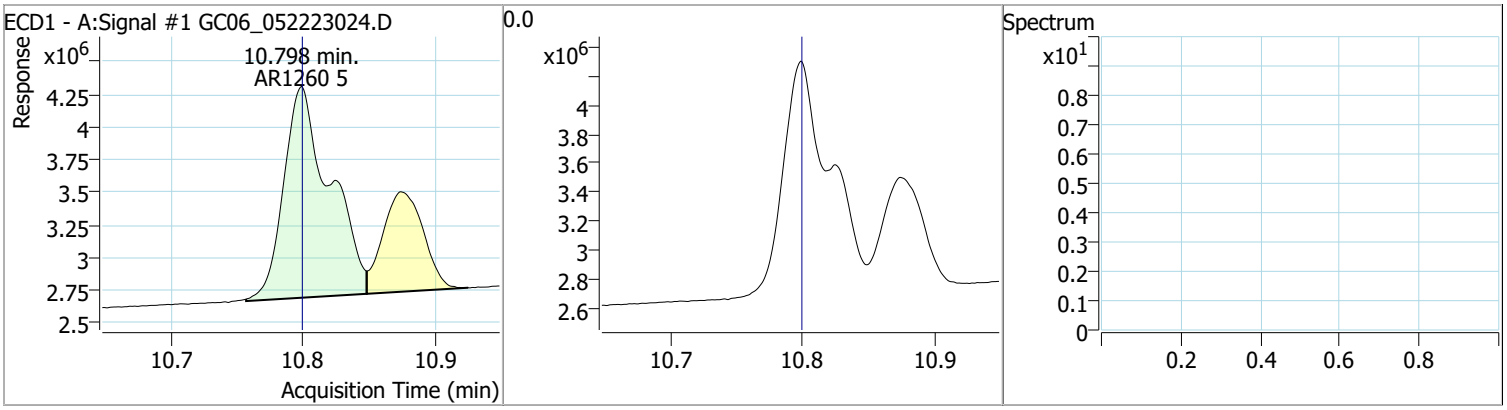
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	266.1884	10.13	0.00	7114256				



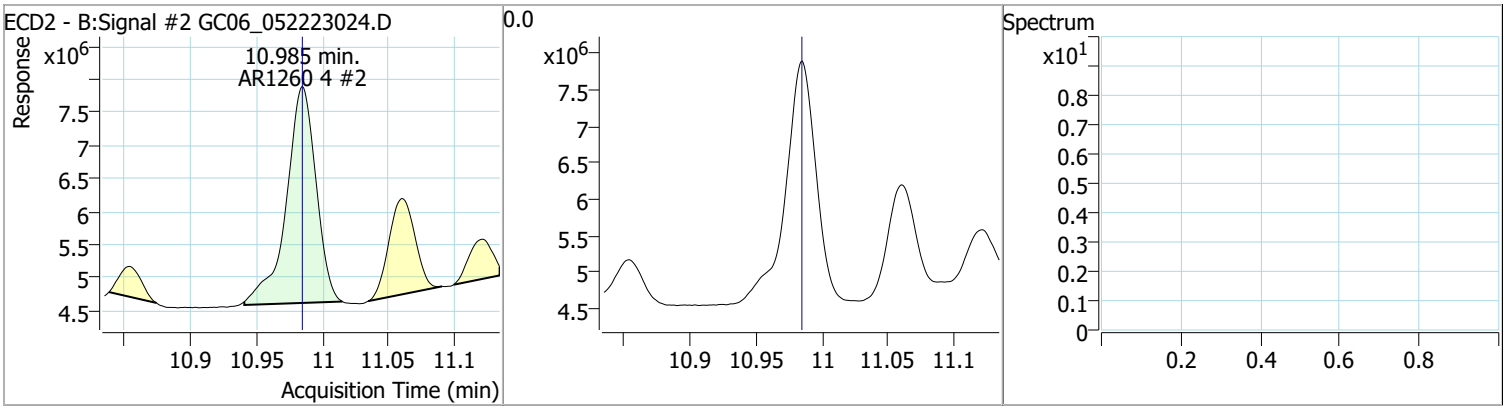
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3 #2	248.1026	10.57	0.00	8510148				



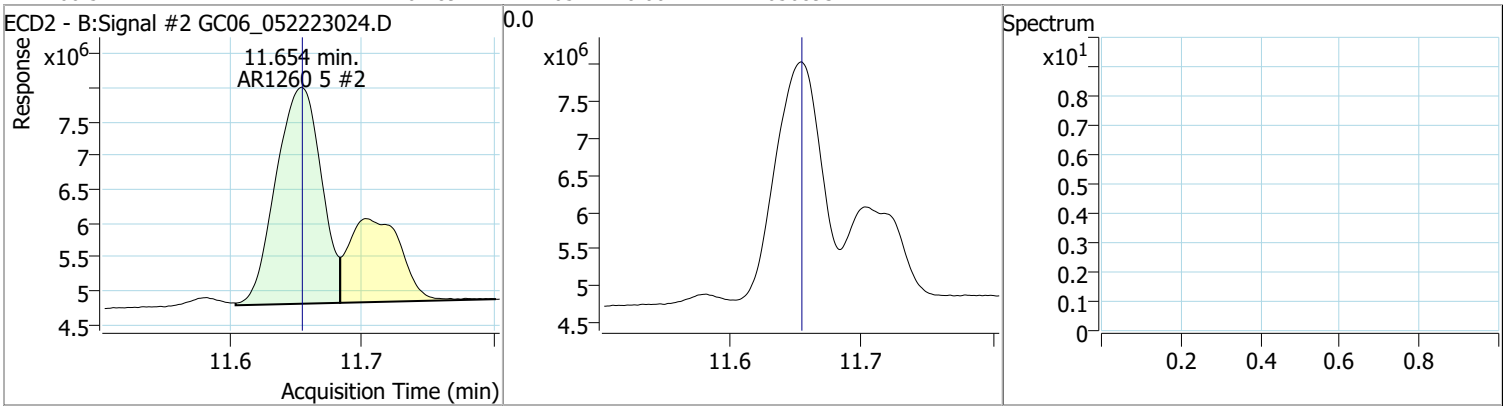
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	261.5532	10.80	0.00	3929741				



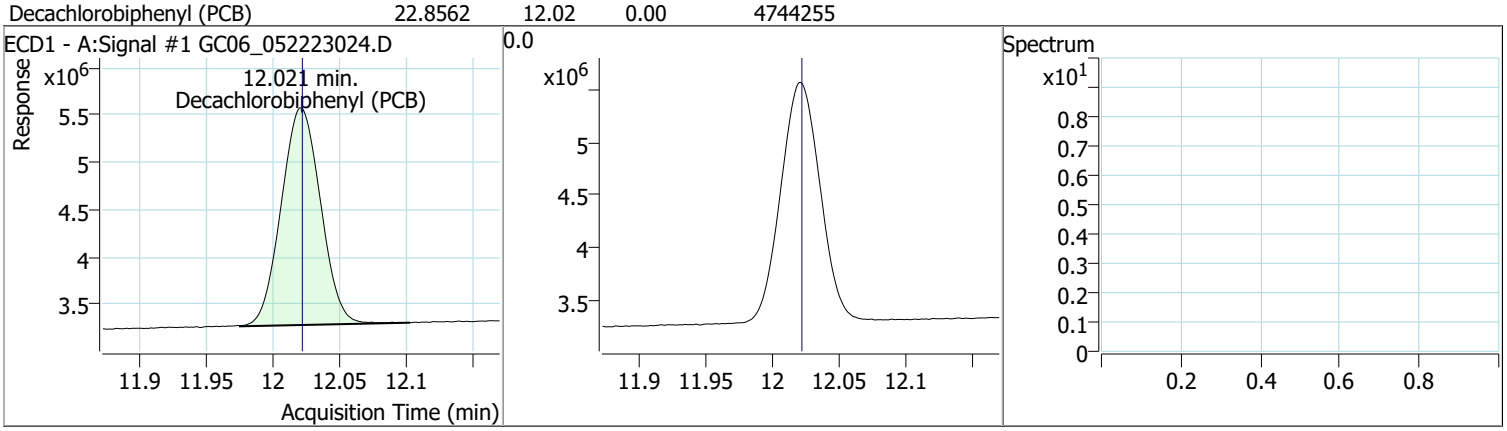
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	255.6312	10.99	0.00	5124486				



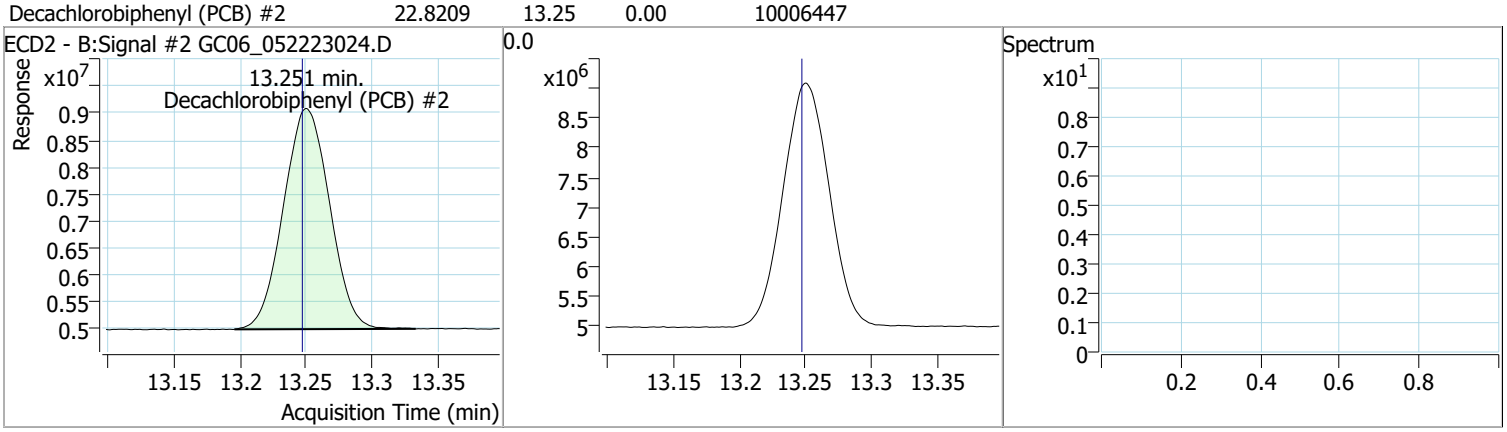
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	262.8942	11.65	0.00	7656893				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	22.8562	12.02	0.00	4744255				

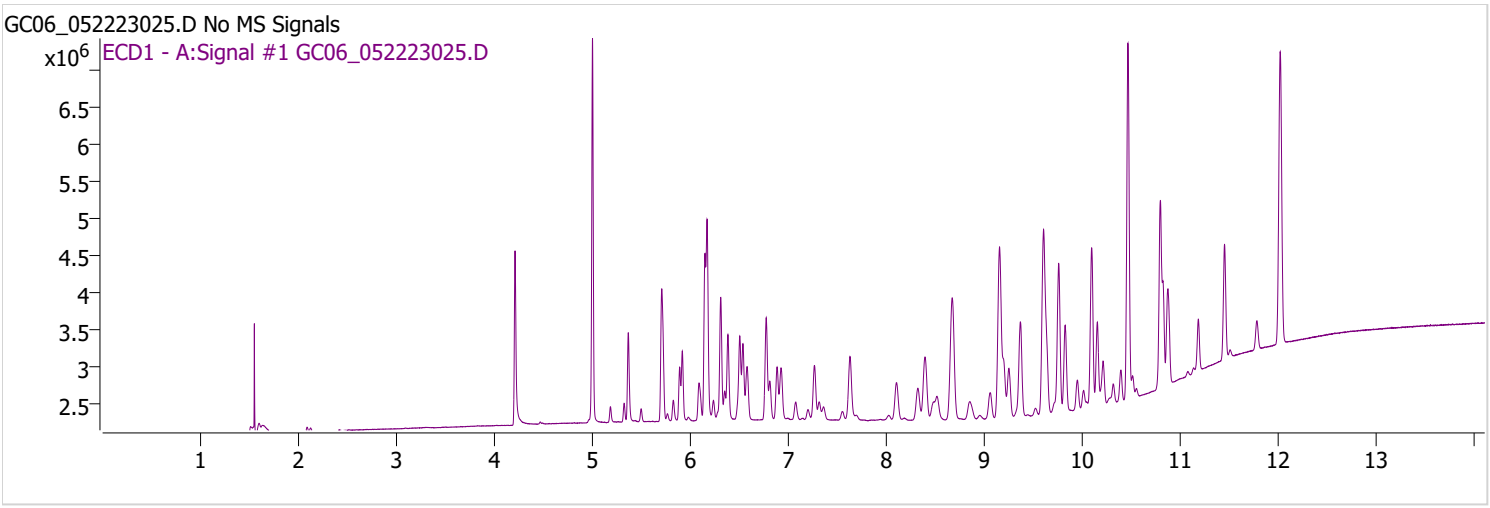


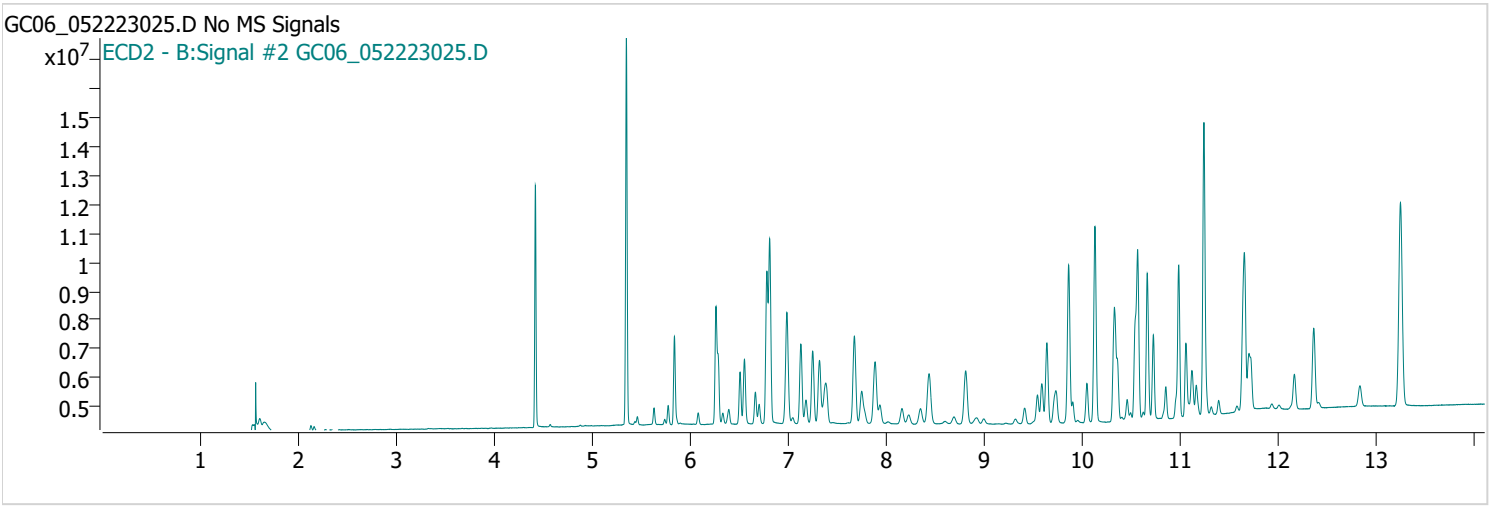
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	22.8209	13.25	0.00	10006447				



Quantitation Results Report (Not Reviewed)

Data File	GC06_052223025.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	5/22/2023 9:38:04 PM
Sample Name	ICAL, S18184	Instrument	SVOA-GC06
Vial	16	Multiplier	1.00
DA Method File	PCB_608_052223_GC06_1.m	Comment	
Tune File	ATUNE.U	Tune Date	
Batch Name	052223PCBICAL.batch.bin	Last Calib Update	5/23/2023 1:35:07 PM
Ref Library			



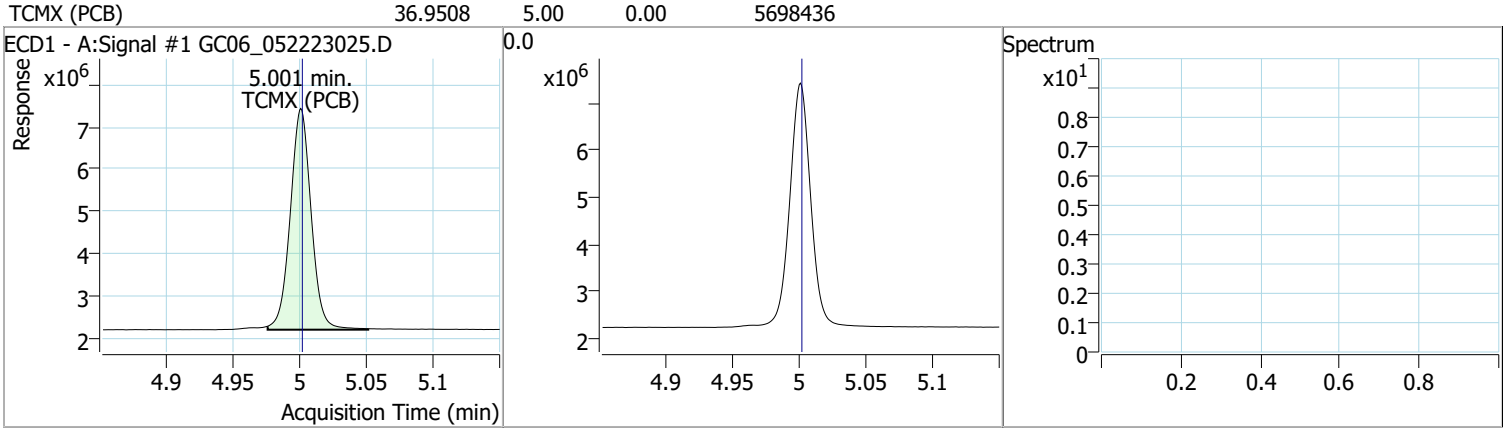


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1-bromo-2-nitrobenzene (PCB)	4.210	0.0	2909160.850	20.0000	ng/ml		0.000
M 1-bromo-2-nitrobenzene (PCB) #2	4.418	0.0	7736690.508	20.0000	ng/ml		0.000
System Monitoring Compounds							
S TCMX (PCB)	5.001	0.0	5698436.221	36.9508	ng/ml		0.000
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 184.75%		*	
S TCMX (PCB) #2	5.347	0.0	14422780.515	35.2444	ng/ml		0.000
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 176.22%		*	
S Decachlorobiphenyl (PCB)	12.021	0.0	8235314.071	42.7706	ng/ml		0.000
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 213.85%		*	
S Decachlorobiphenyl (PCB) #2	13.248	0.0	17429121.972	42.8923	ng/ml		0.000
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 214.46%		*	
Target Compounds							QValue

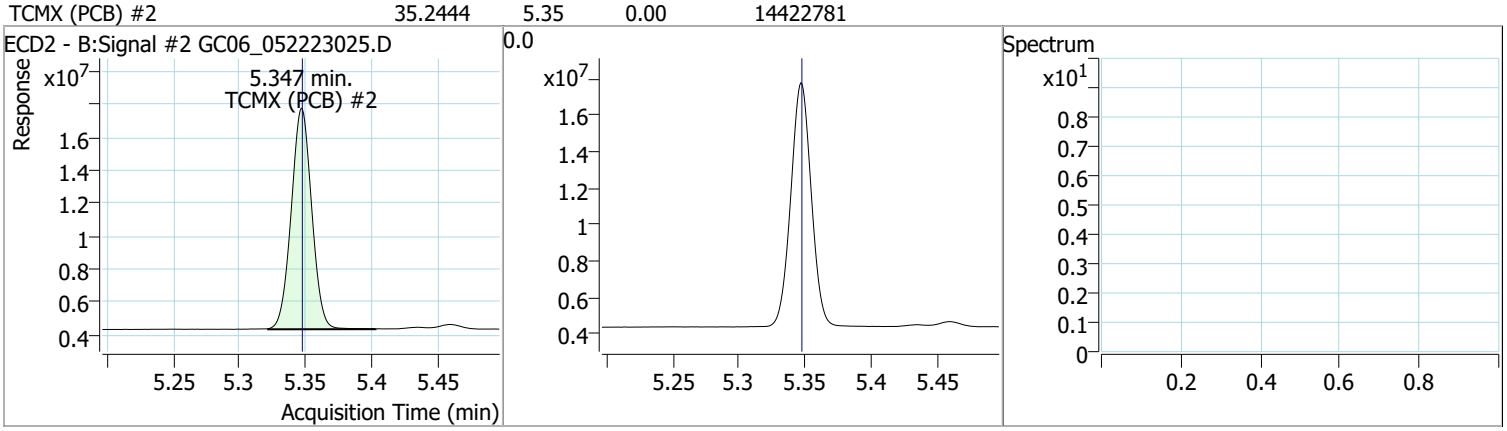
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T AR1016 1	5.367	0.0	1587697.381	493.0862	ng/ml		100
T AR1016 2	5.708	0.0	3194236.385	485.7638	ng/ml		100
T AR1016 1 #2	5.838	0.0	3863996.183	479.9959	ng/ml		100
T AR1016 3	6.170	0.0	4069268.054	485.1731	ng/ml	m	100
T AR1016 2 #2	6.262	0.0	8381400.783	463.8384	ng/ml		100
T AR1016 4	6.310	0.0	2478271.102	479.8010	ng/ml		100
T AR1016 5	6.504	0.0	1917743.498	500.2449	ng/ml		100
T AR1016 3 #2	6.809	0.0	10472814.879	482.1860	ng/ml		100
T AR1016 4 #2	6.985	0.0	7430722.951	474.4934	ng/ml		100
T AR1016 5 #2	7.248	0.0	4251602.201	484.9138	ng/ml		100
T AR1260 1	8.673	0.0	4542854.829	472.5429	ng/ml		100
T AR1260 2	9.156	0.0	6987477.539	477.8252	ng/ml		100
T AR1260 3	9.606	0.0	7059312.169	450.3742	ng/ml		100
T AR1260 1 #2	9.861	0.0	10000980.937	456.3729	ng/ml		100
T AR1260 4	10.096	0.0	4024736.519	469.7254	ng/ml		100
T AR1260 2 #2	10.130	0.0	11654142.726	470.5333	ng/ml		100
T AR1260 3 #2	10.565	0.0	14145764.822	445.0113	ng/ml		100
T AR1260 5	10.798	0.0	6496936.823	466.1577	ng/ml		100
T AR1260 4 #2	10.985	0.0	8664032.985	466.3736	ng/ml		100
T AR1260 5 #2	11.655	0.0	12665086.608	469.2312	ng/ml		100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

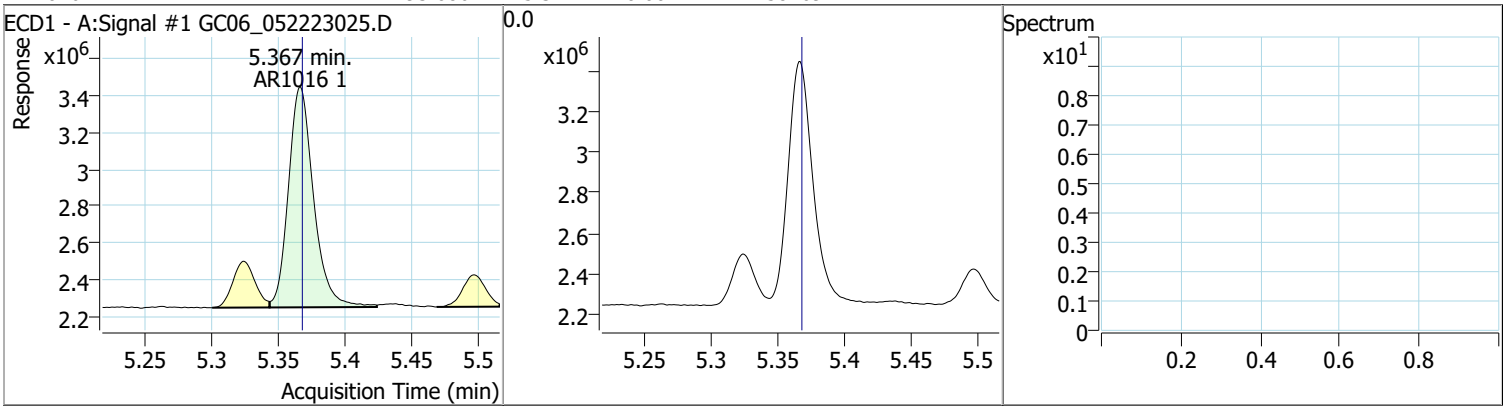
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	36.9508	5.00	0.00	5698436				



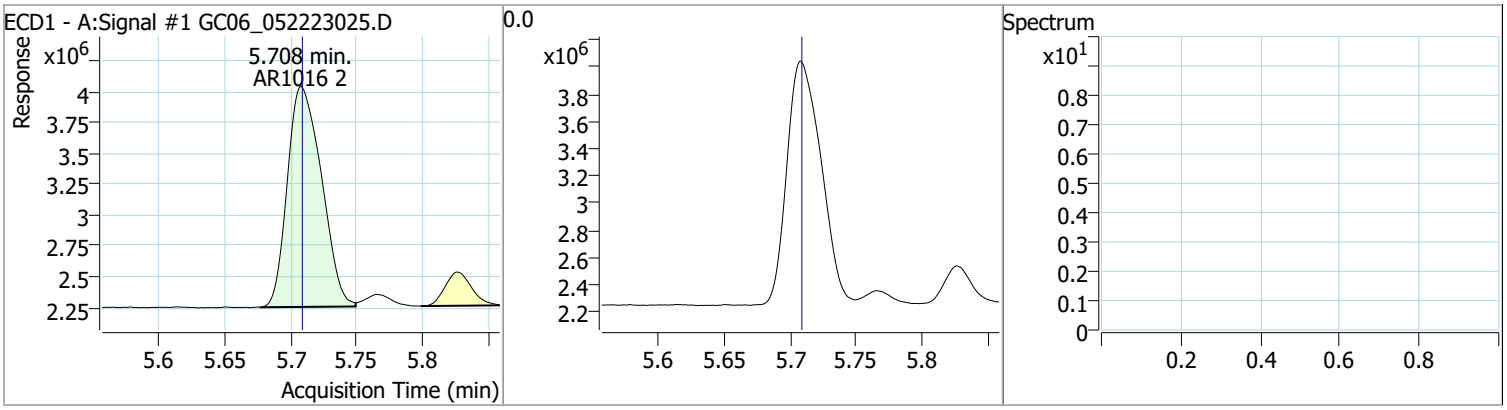
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB) #2	35.2444	5.35	0.00	14422781				



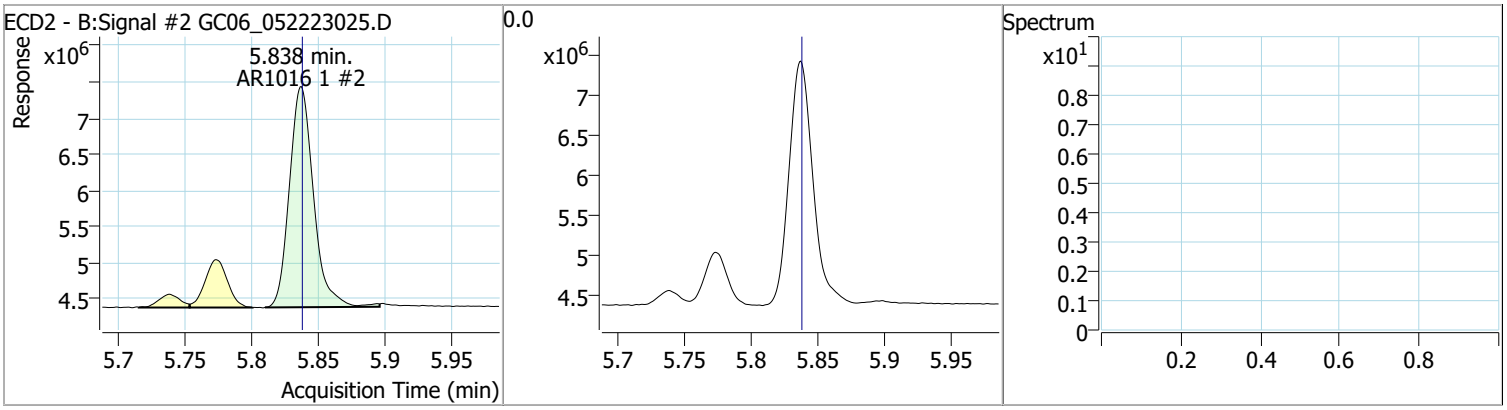
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	493.0862	5.37	0.00	1587697				



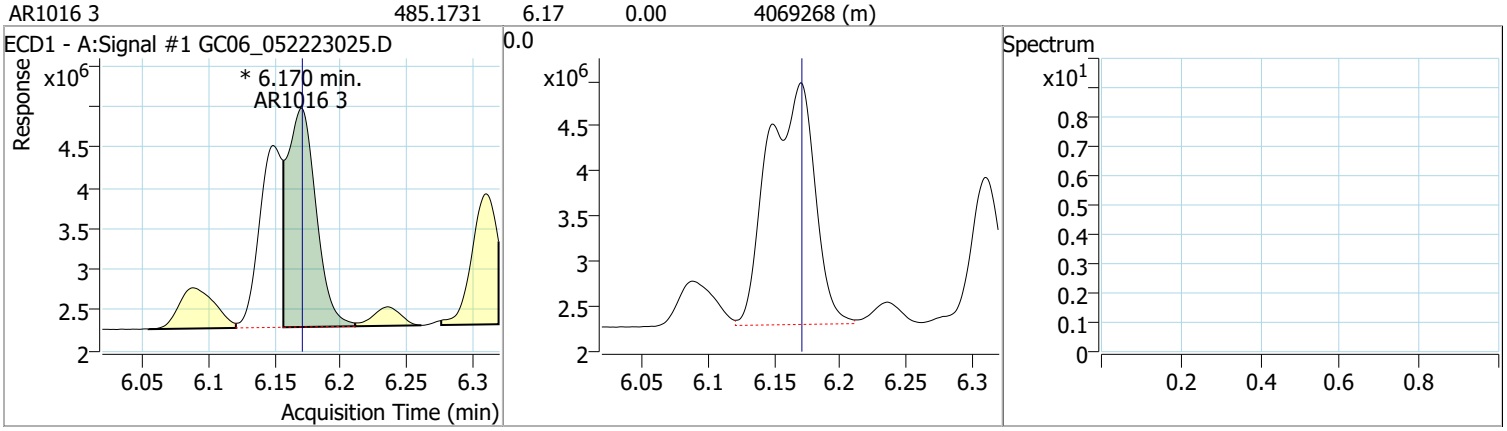
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	485.7638	5.71	0.00	3194236				



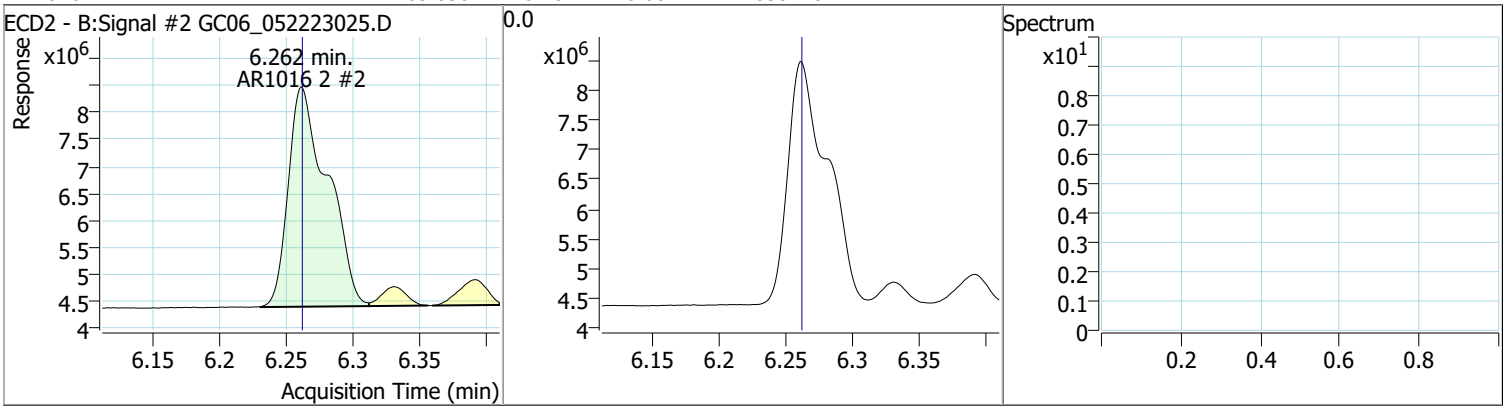
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1 #2	479.9959	5.84	0.00	3863996				



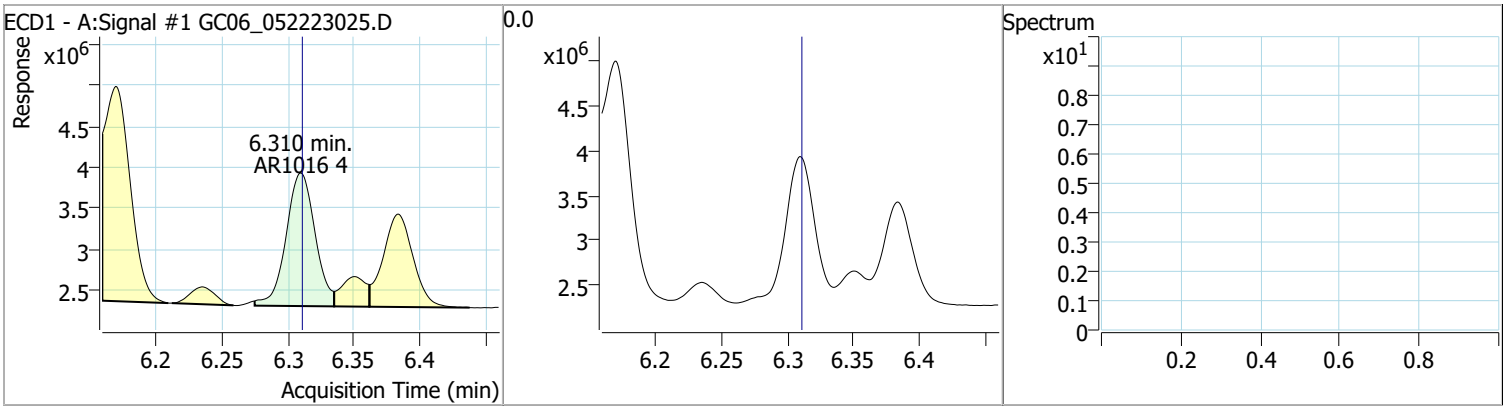
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	485.1731	6.17	0.00	4069268 (m)				



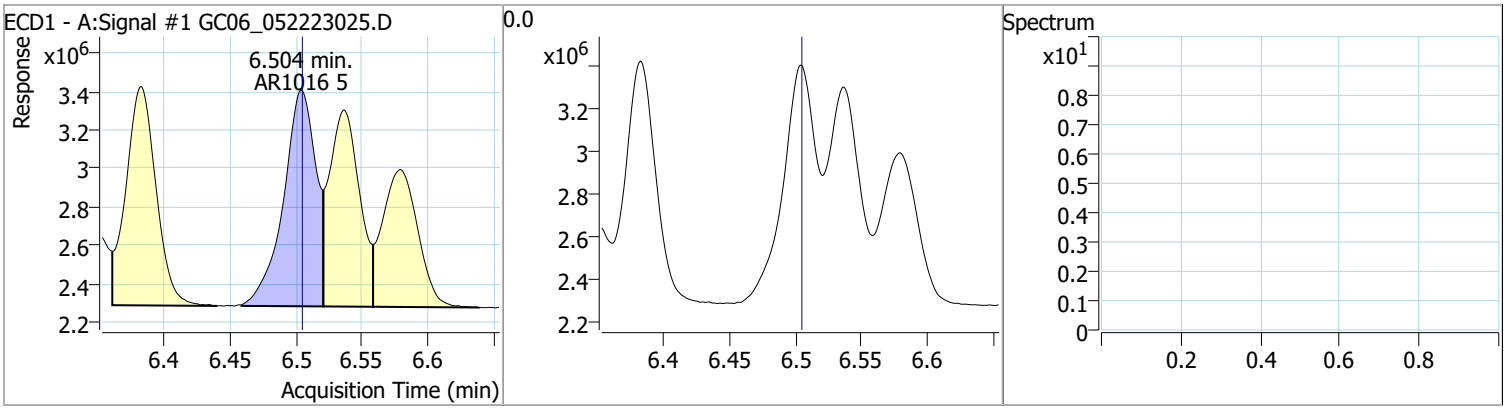
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	463.8384	6.26	0.00	8381401				



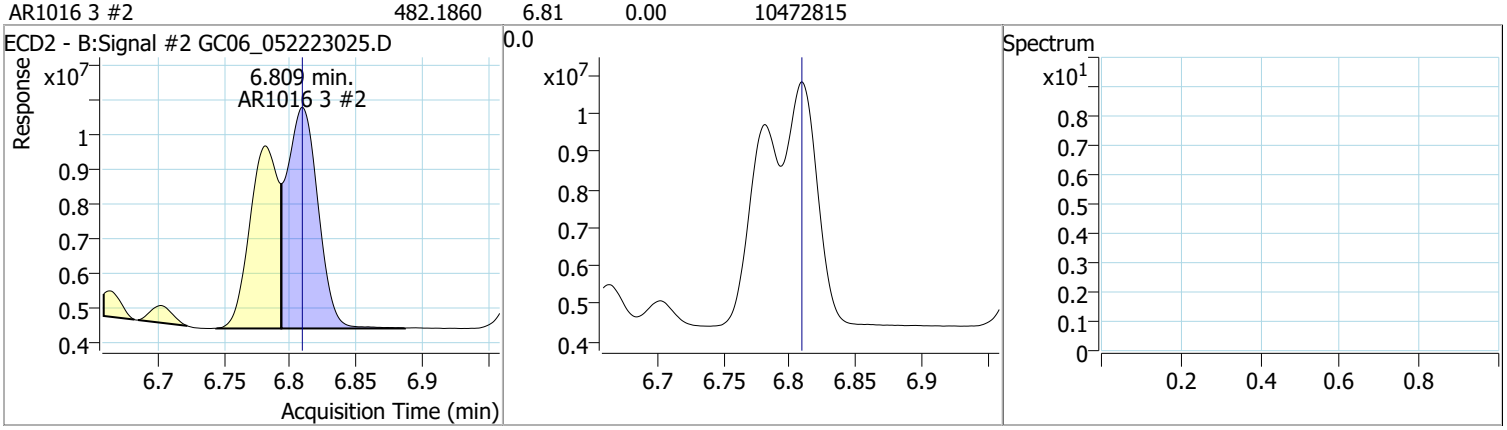
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4	479.8010	6.31	0.00	2478271				



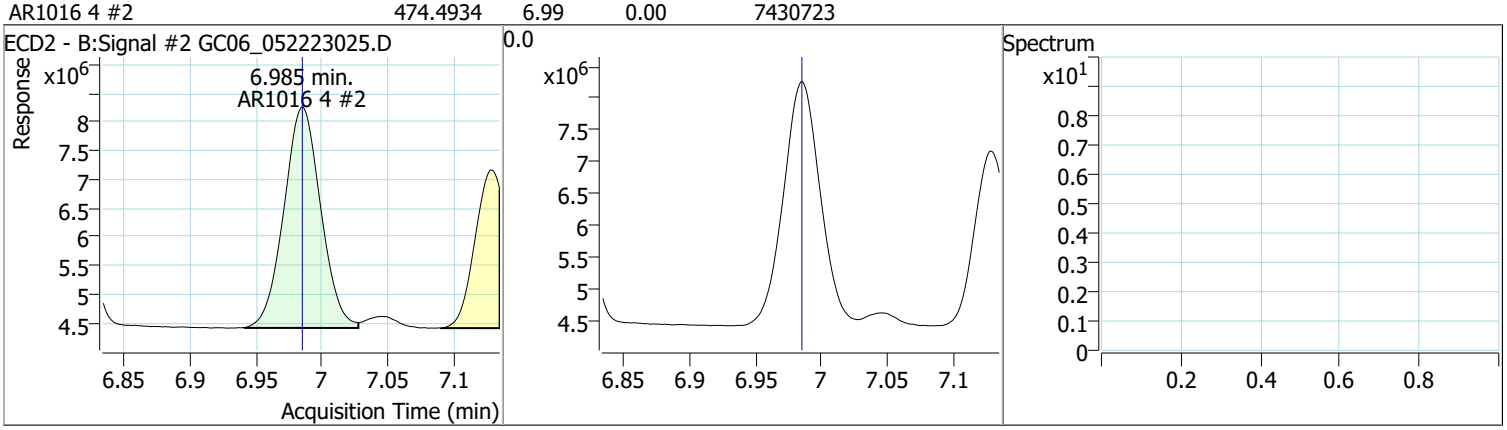
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	500.2449	6.50	0.00	1917743				



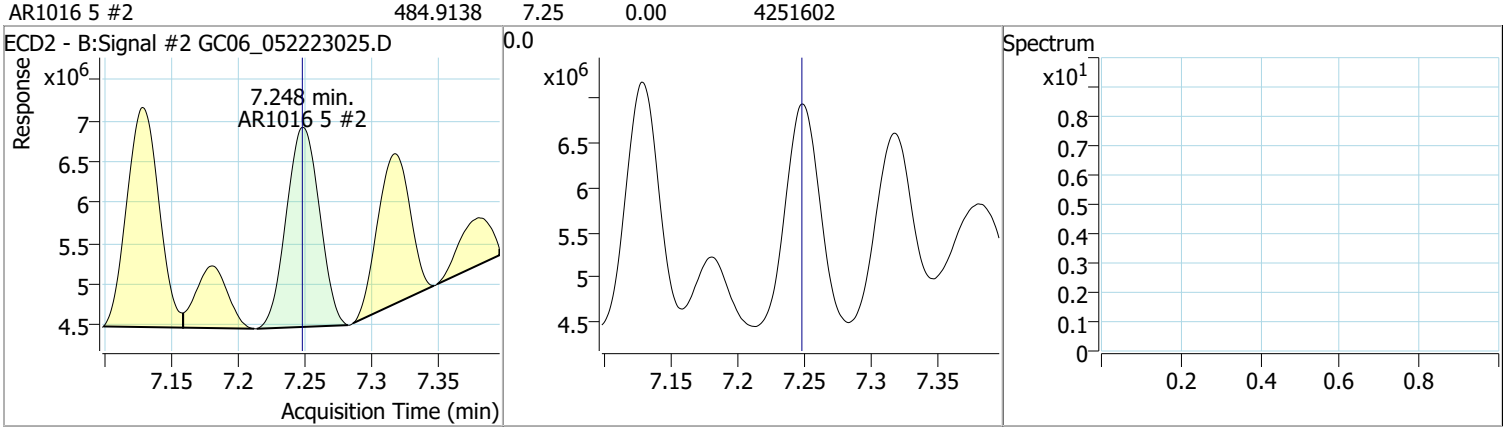
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	482.1860	6.81	0.00	10472815				



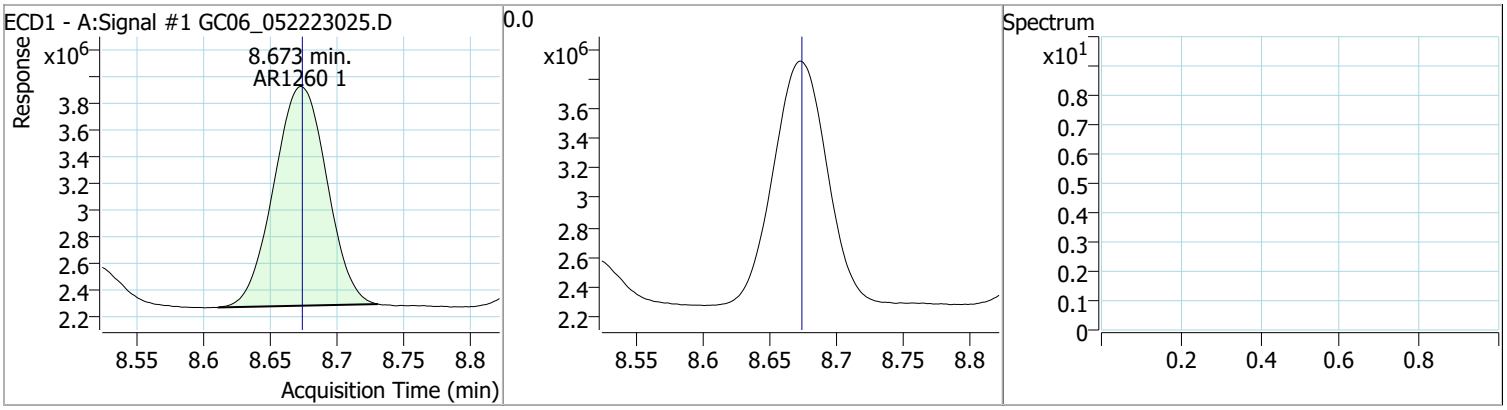
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4 #2	474.4934	6.99	0.00	7430723				



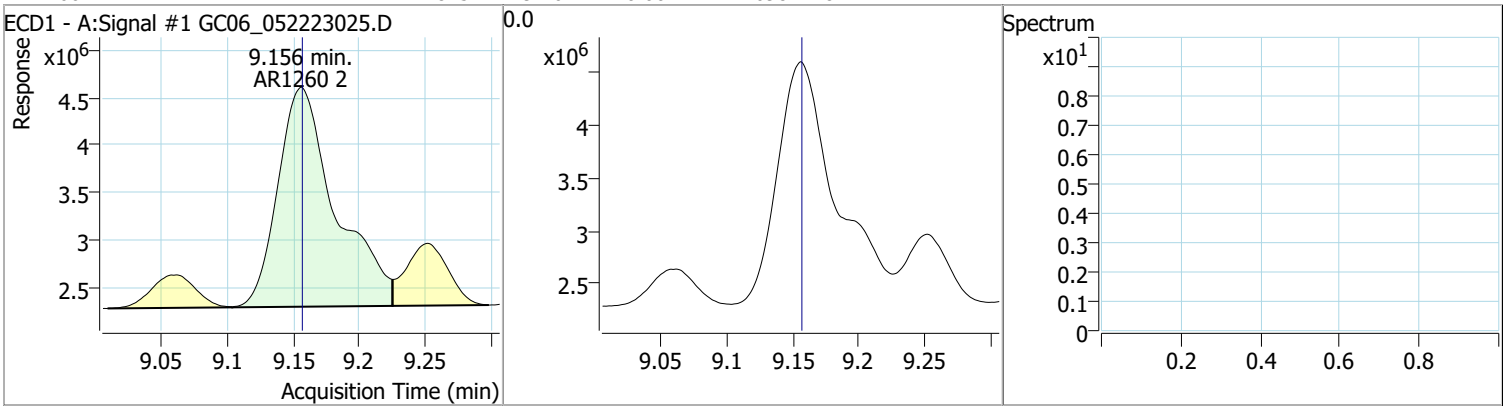
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	484.9138	7.25	0.00	4251602				



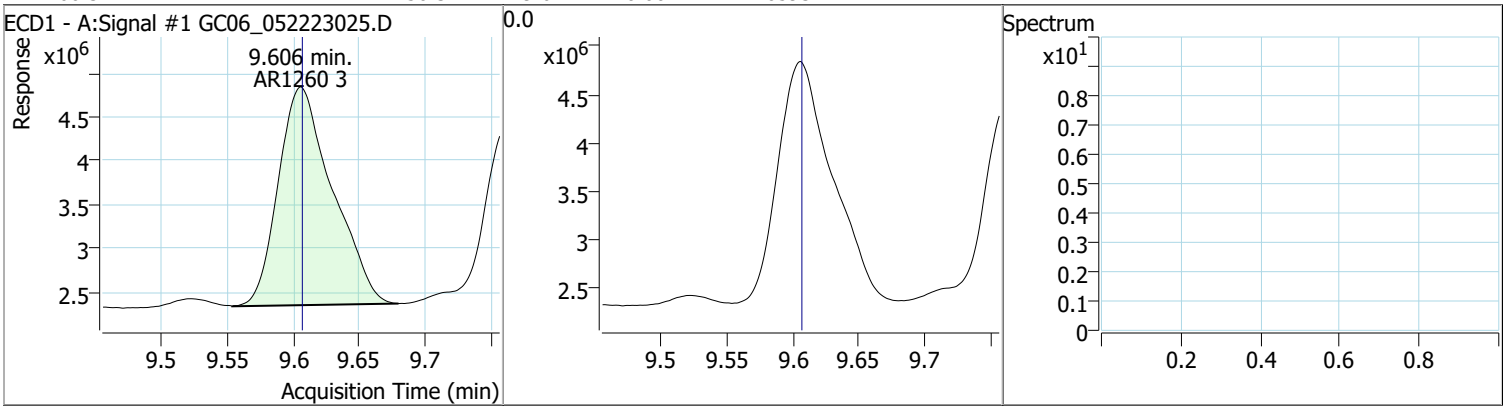
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	472.5429	8.67	0.00	4542855				



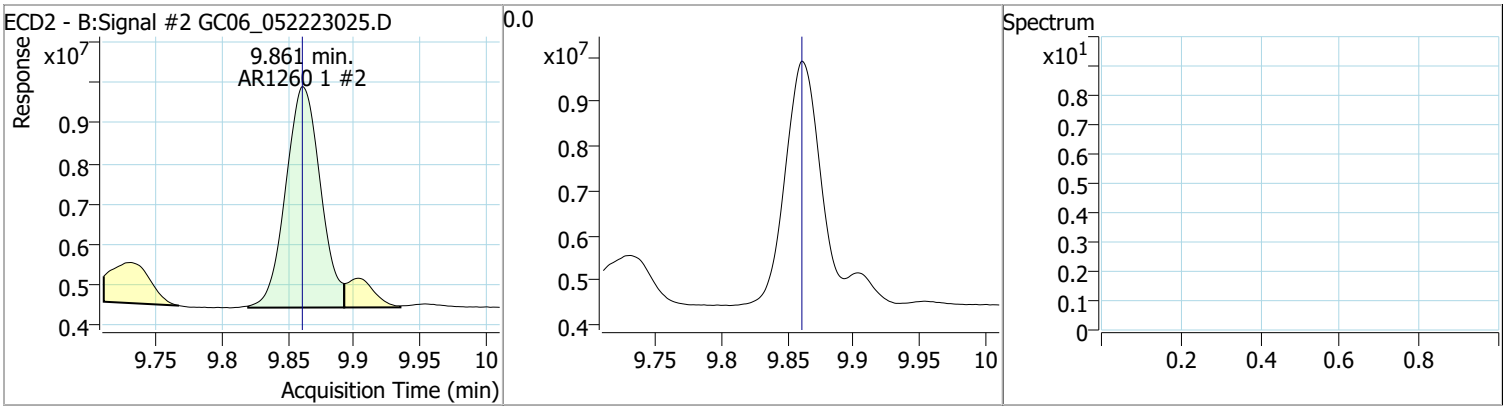
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	477.8252	9.16	0.00	6987478				



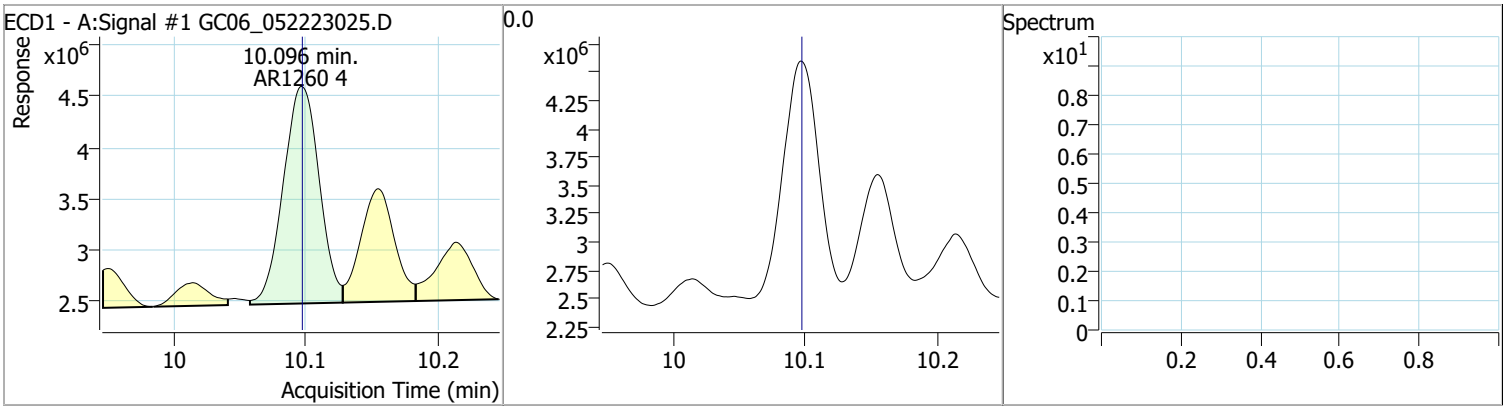
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3	450.3742	9.61	0.00	7059312				



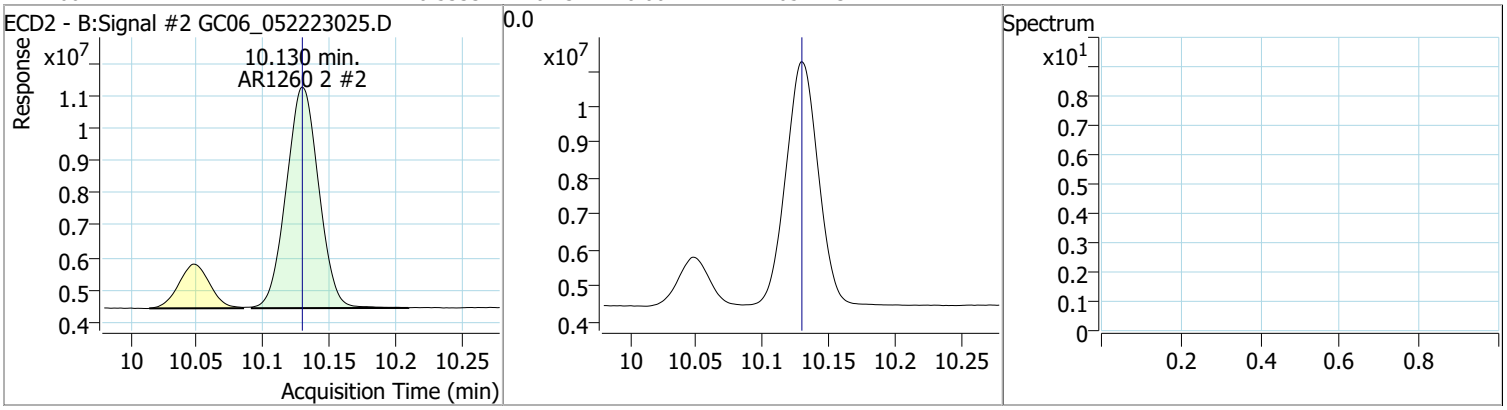
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1 #2	456.3729	9.86	0.00	10000981				



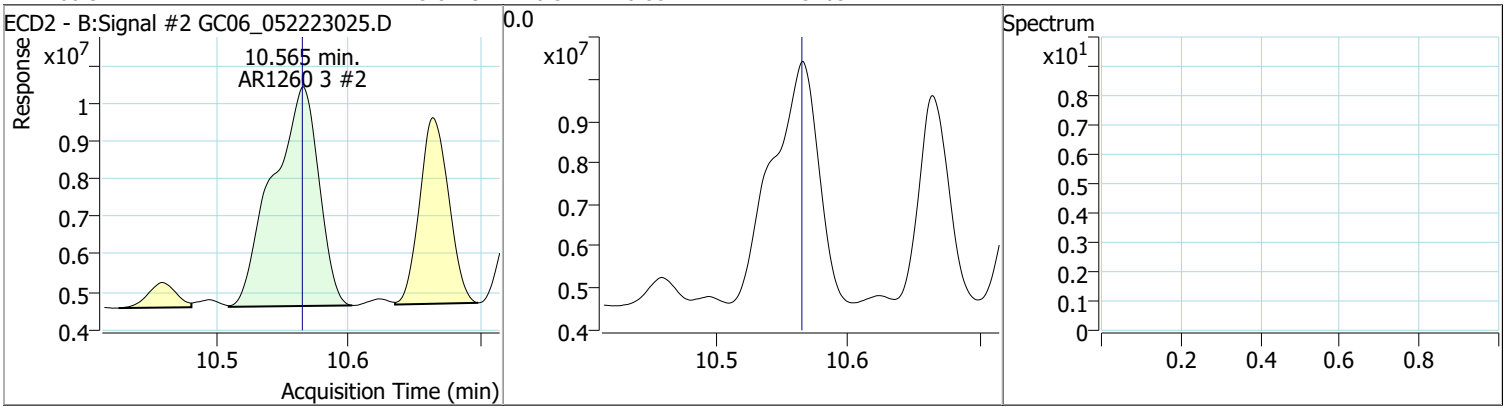
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4	469.7254	10.10	0.00	4024737				



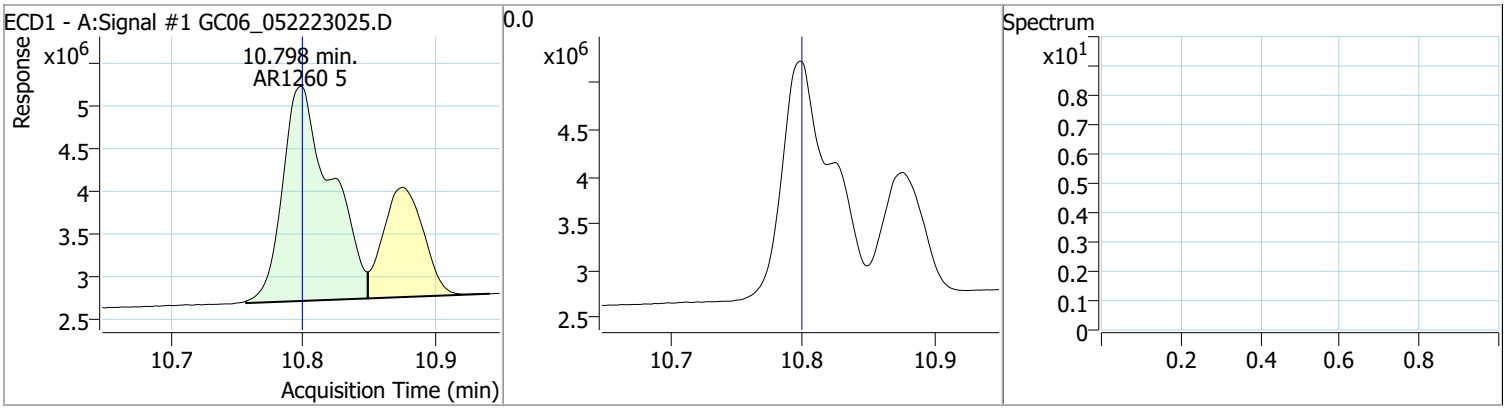
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	470.5333	10.13	0.00	11654143				



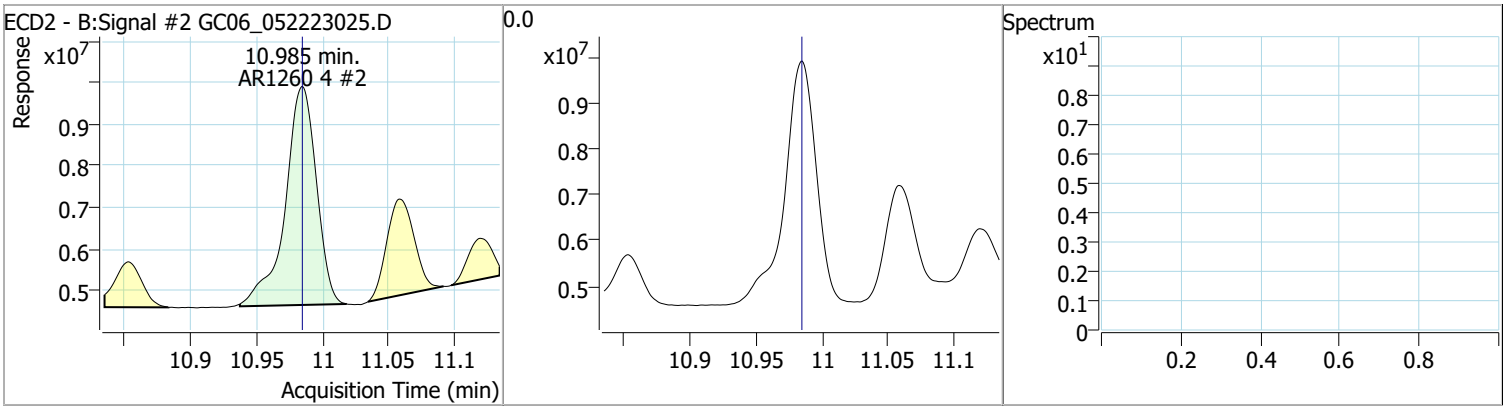
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3 #2	445.0113	10.57	0.00	14145765				



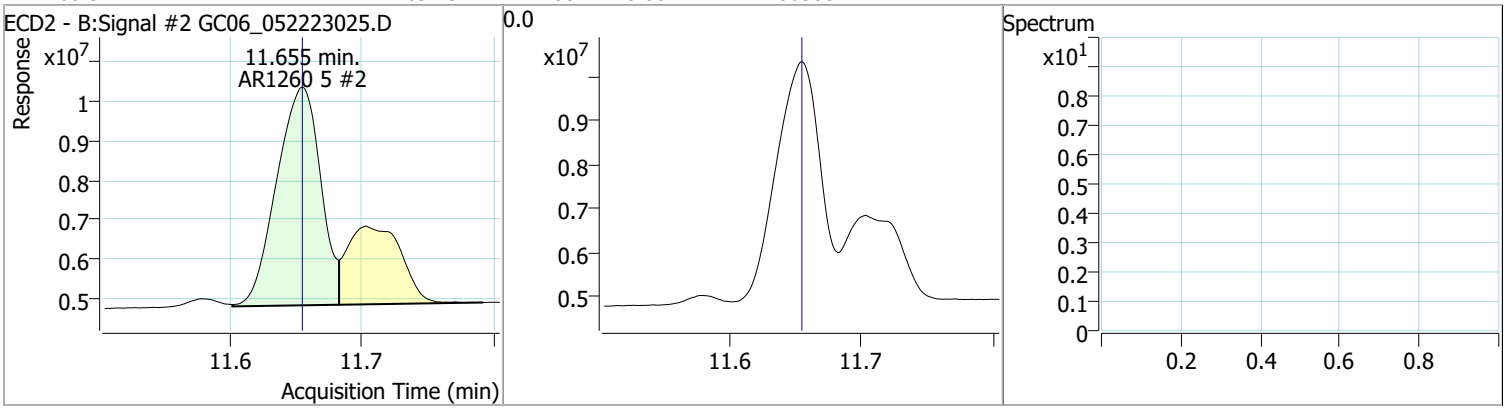
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	466.1577	10.80	0.00	6496937				



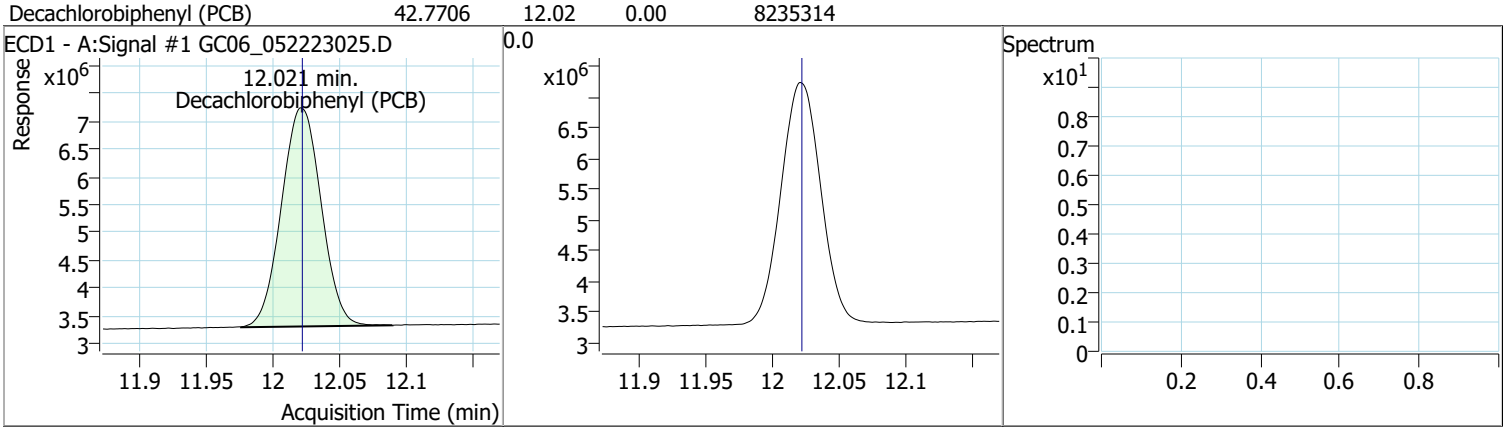
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	466.3736	10.99	0.00	8664033				



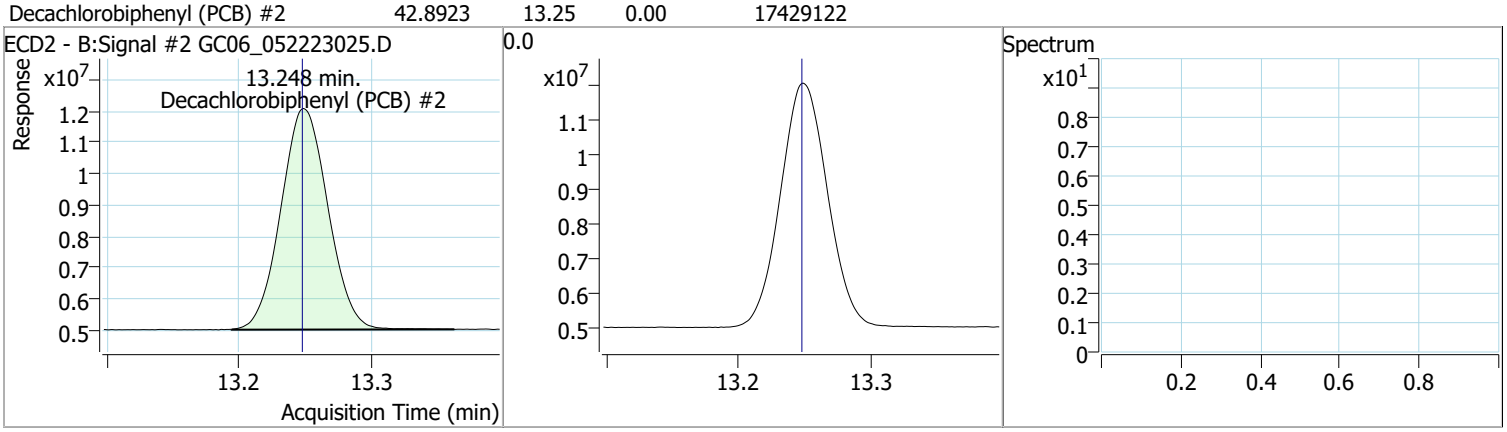
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	469.2312	11.66	0.00	12665087				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	42.7706	12.02	0.00	8235314				

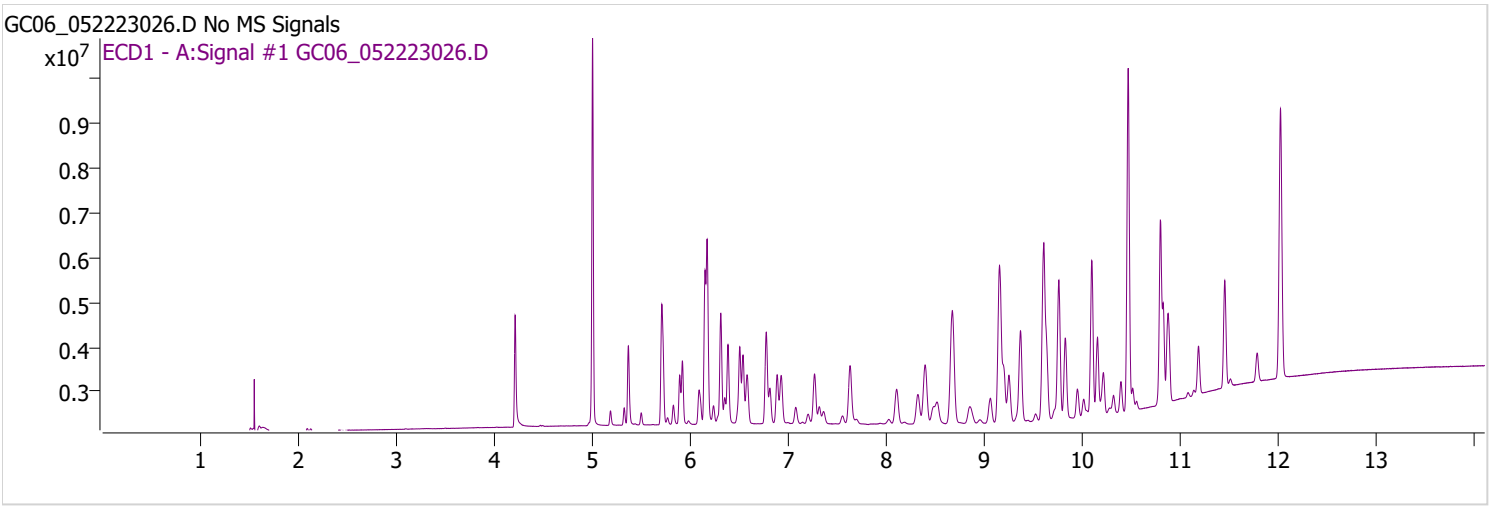


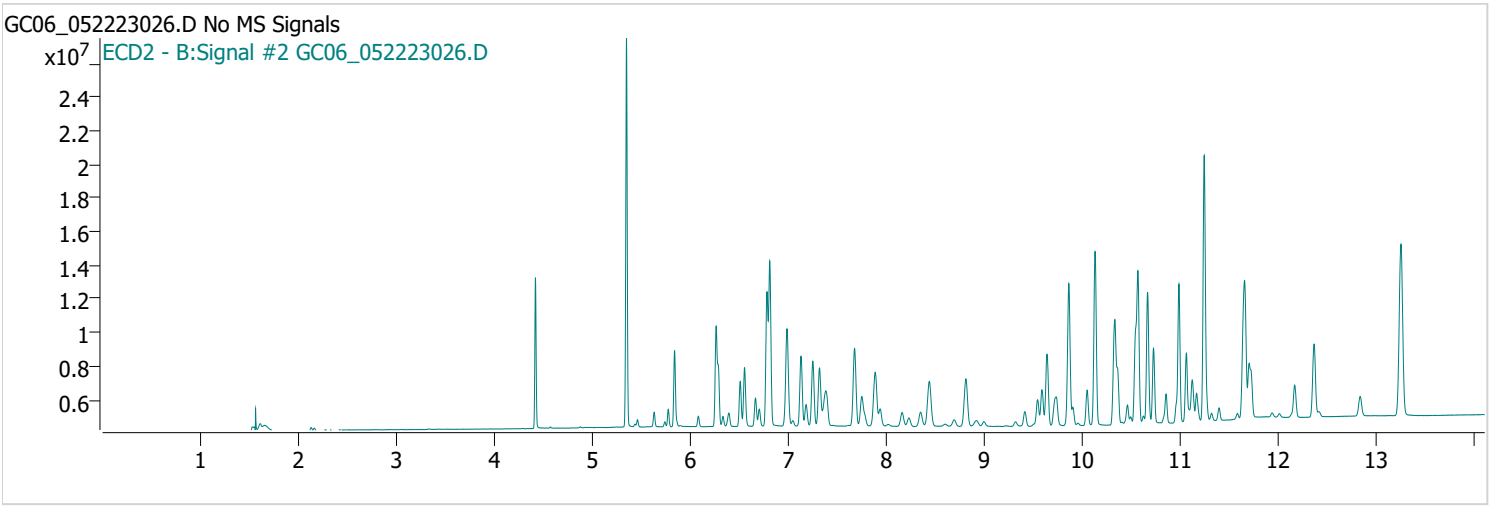
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	42.8923	13.25	0.00	17429122				



Quantitation Results Report (Not Reviewed)

Data File	GC06_052223026.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	5/22/2023 9:56:20 PM
Sample Name	ICAL, S18185	Instrument	SVOA-GC06
Vial	17	Multiplier	1.00
DA Method File	PCB_608_052223_GC06_1.m	Comment	
Tune File	ATUNE.U	Tune Date	
Batch Name	052223PCBICAL.batch.bin	Last Calib Update	5/23/2023 1:35:07 PM
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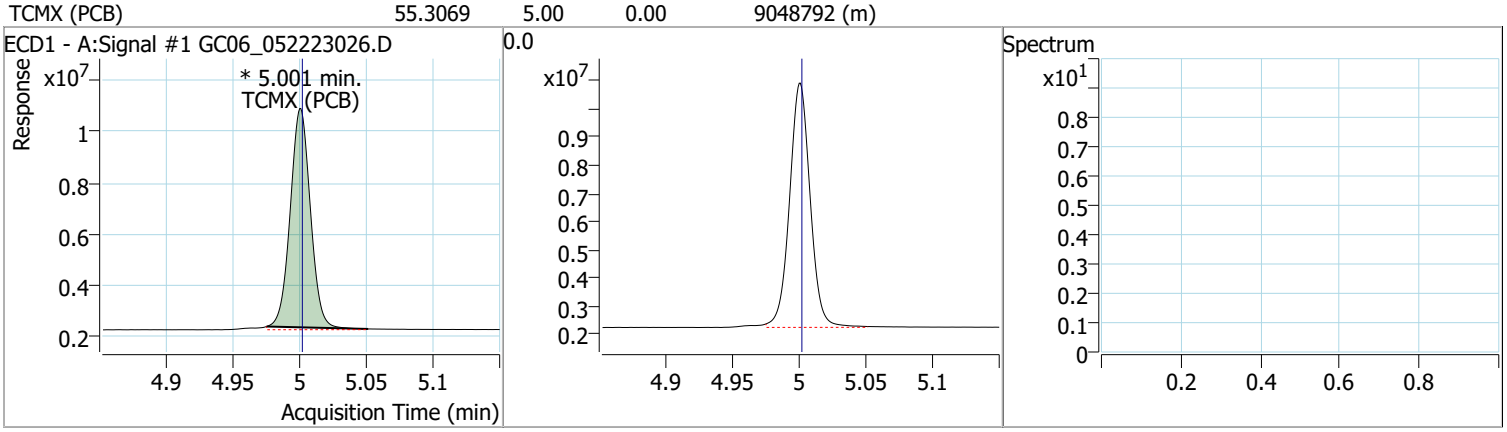


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1-bromo-2-nitrobenzene (PCB)	4.210	0.0	3086367.414	20.0000	ng/ml		0.000
M 1-bromo-2-nitrobenzene (PCB) #2	4.418	0.0	8224328.853	20.0000	ng/ml		0.000
System Monitoring Compounds							
S TCMX (PCB)	5.001	0.0	9048791.925	55.3069	ng/ml	m	0.000
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 276.53%		*	
S TCMX (PCB) #2	5.347	0.0	24010085.364	55.1937	ng/ml		0.000
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 275.97%		*	
S Decachlorobiphenyl (PCB)	12.021	0.0	12061391.747	59.0449	ng/ml		0.000
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 295.22%		*	
S Decachlorobiphenyl (PCB) #2	13.251	0.0	25490224.056	59.0109	ng/ml		0.003
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 295.05%		*	
Target Compounds							QValue

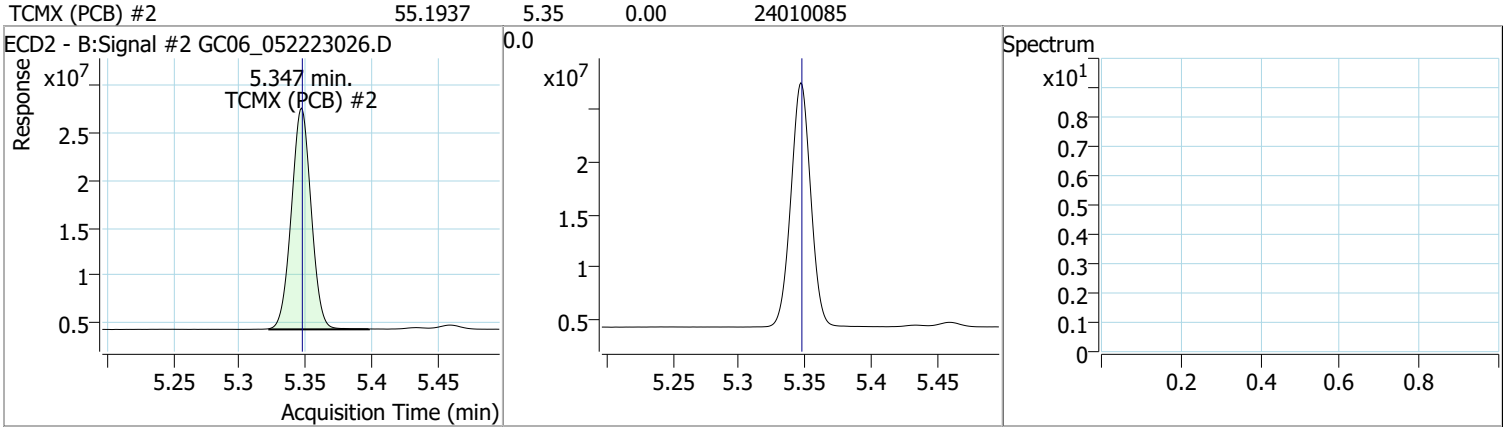
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T AR1016 1	5.366	0.0	2384243.852	697.9525	ng/ml	100
T AR1016 2	5.708	0.0	4760666.951	682.4110	ng/ml	100
T AR1016 1 #2	5.838	0.0	5827205.118	680.9511	ng/ml	100
T AR1016 3	6.169	0.0	6000883.948	674.3972	ng/ml	100
T AR1016 2 #2	6.262	0.0	12559633.758	653.8555	ng/ml	100
T AR1016 4	6.309	0.0	3720951.216	679.0260	ng/ml	100
T AR1016 5	6.503	0.0	2857934.083	702.6911	ng/ml	100
T AR1016 3 #2	6.808	0.0	15681291.537	679.1844	ng/ml	100
T AR1016 4 #2	6.984	0.0	11249992.628	675.7812	ng/ml	100
T AR1016 5 #2	7.248	0.0	6478288.545	695.0674	ng/ml	100
T AR1260 1	8.672	0.0	6996527.926	685.9857	ng/ml	100
T AR1260 2	9.153	0.0	10756630.534	693.3379	ng/ml	100
T AR1260 3	9.606	0.0	10972647.970	659.8462	ng/ml	100
T AR1260 1 #2	9.861	0.0	15508640.183	665.7417	ng/ml	100
T AR1260 4	10.095	0.0	6281515.671	691.0209	ng/ml	100
T AR1260 2 #2	10.128	0.0	18017718.623	684.3284	ng/ml	100
T AR1260 3 #2	10.566	0.0	22126582.026	654.8076	ng/ml	100
T AR1260 5	10.795	0.0	10161735.818	687.2461	ng/ml	100
T AR1260 4 #2	10.985	0.0	12705738.725	643.3815	ng/ml	100
T AR1260 5 #2	11.654	0.0	19861517.660	692.2228	ng/ml	100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

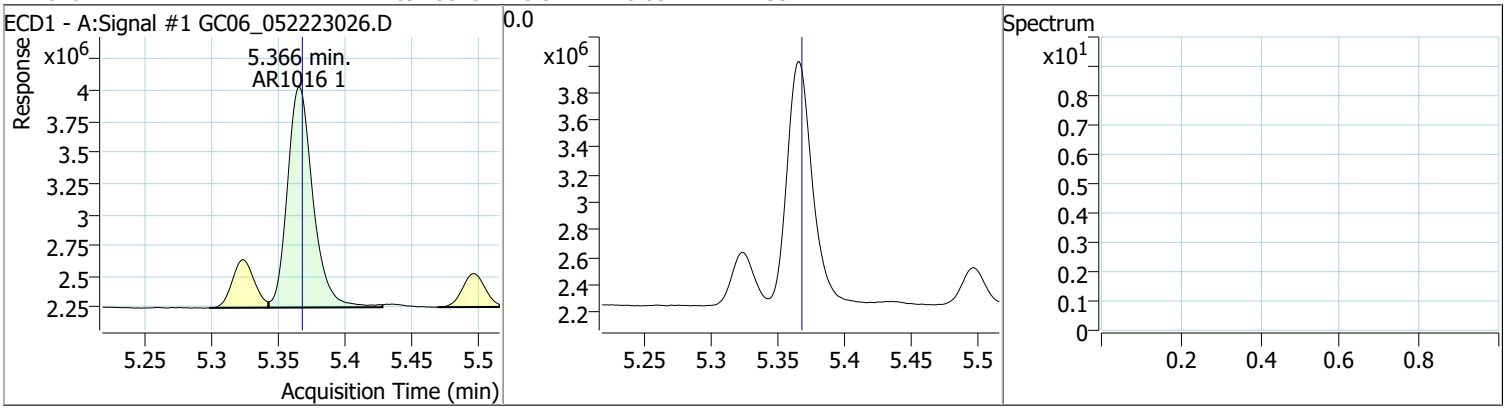
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	55.3069	5.00	0.00	9048792 (m)				



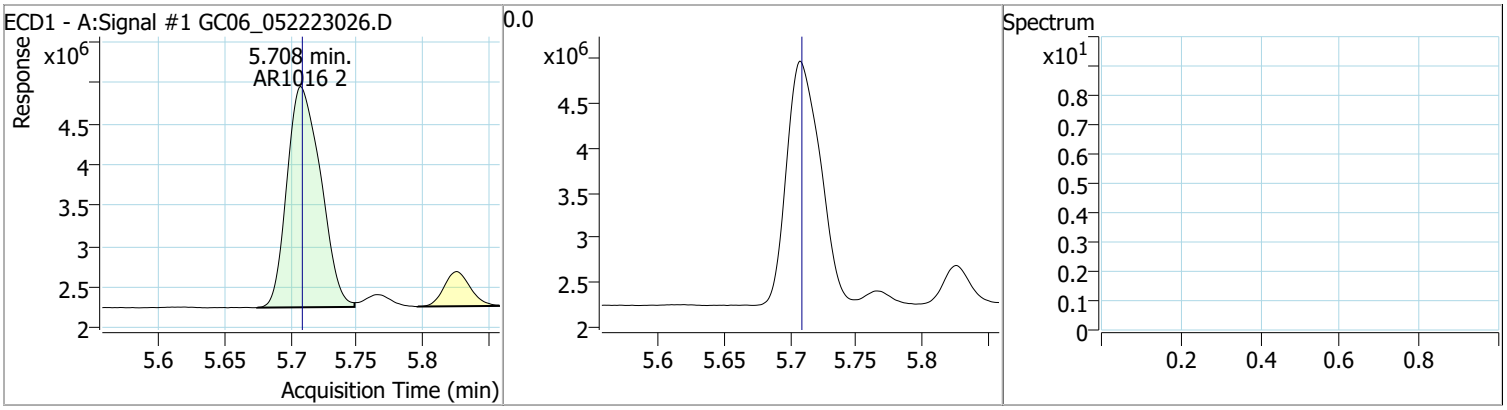
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB) #2	55.1937	5.35	0.00	24010085				



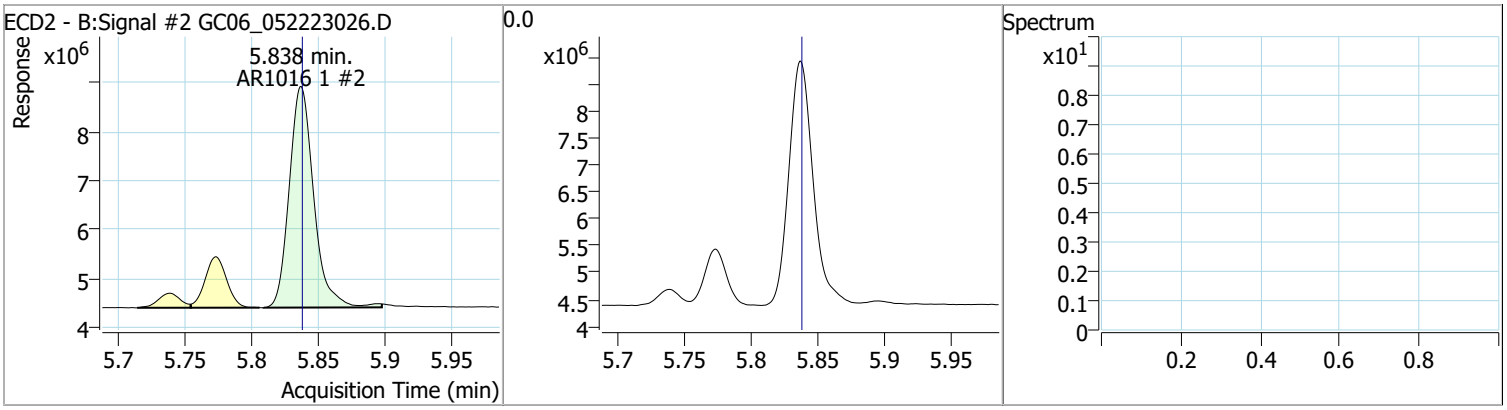
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	697.9525	5.37	0.00	2384244				



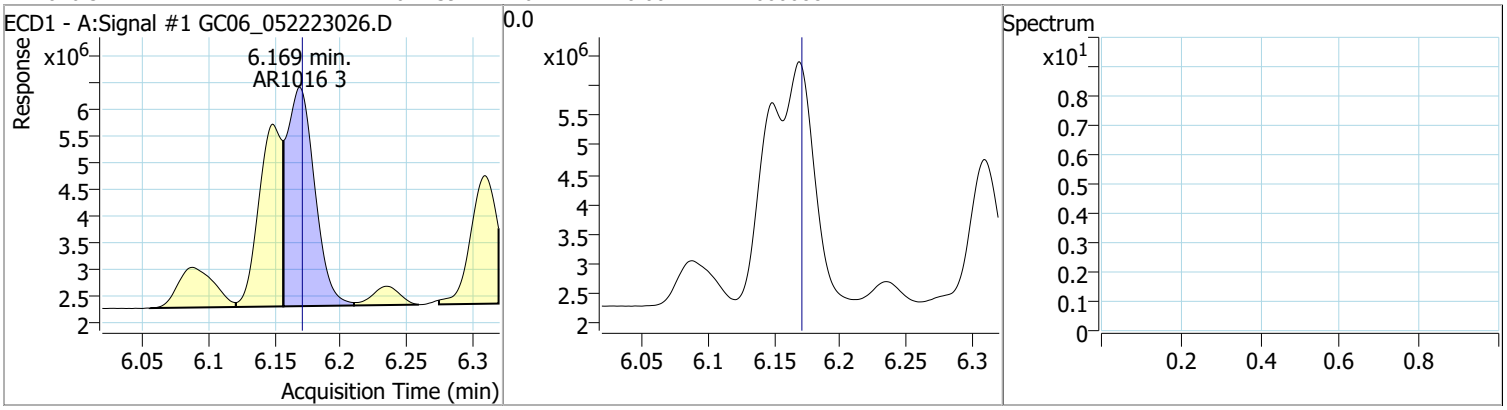
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	682.4110	5.71	0.00	4760667				



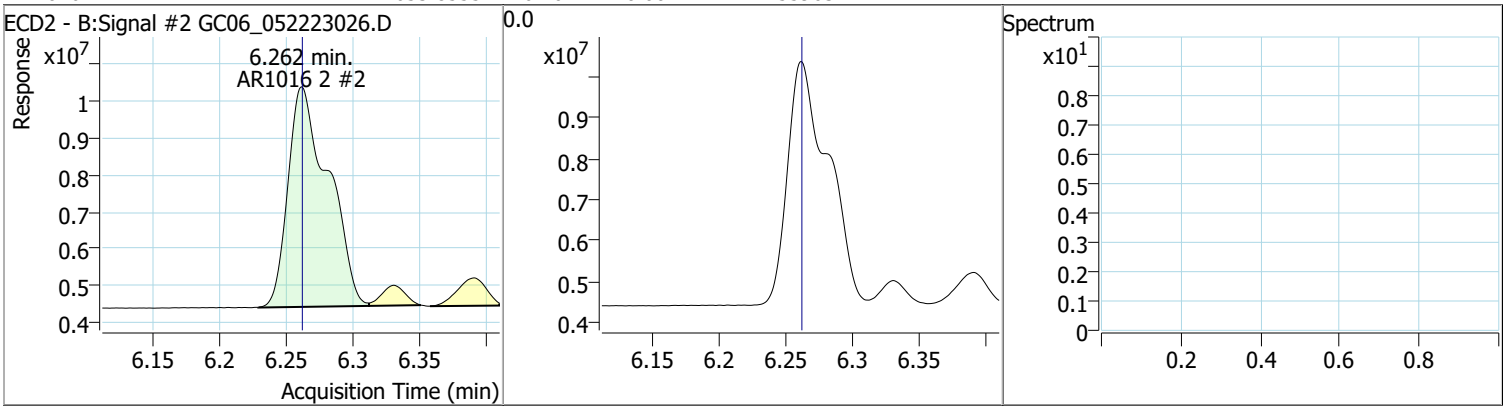
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1 #2	680.9511	5.84	0.00	5827205				



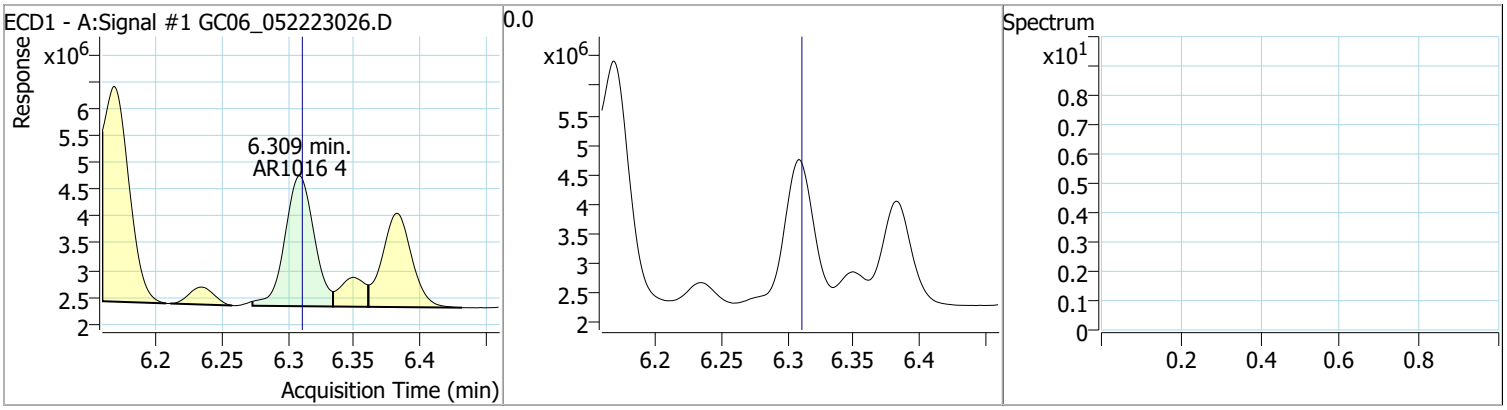
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	674.3972	6.17	0.00	6000884				



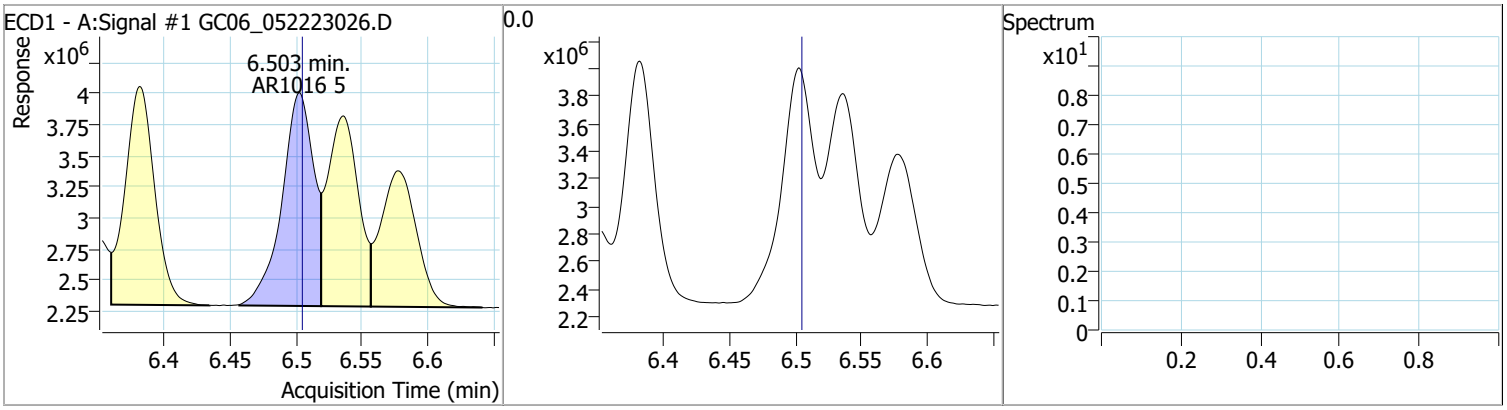
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	653.8555	6.26	0.00	12559634				



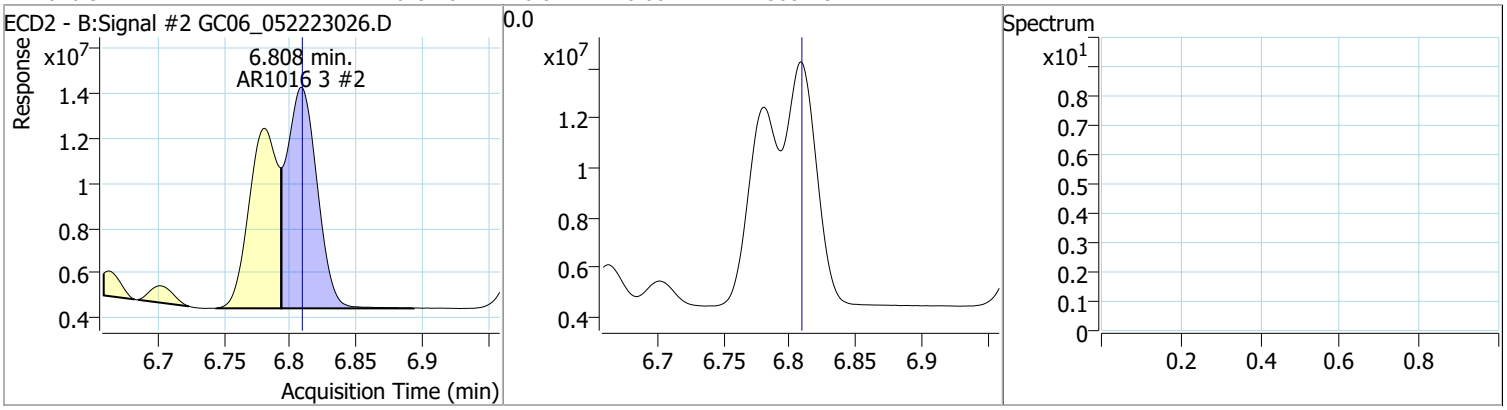
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4	679.0260	6.31	0.00	3720951				



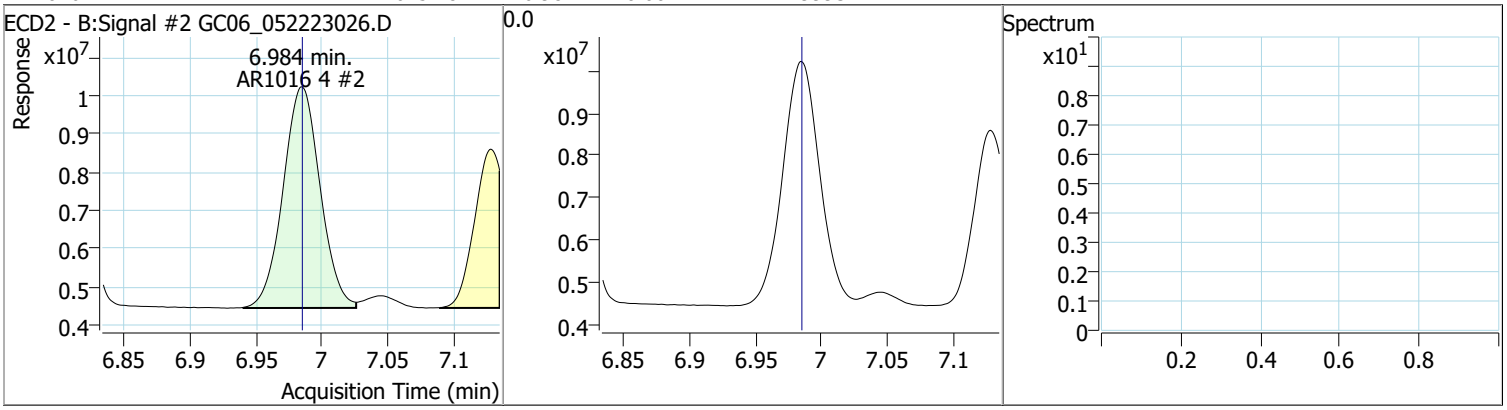
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AR1016 5	702.6911	6.50	0.00	2857934				



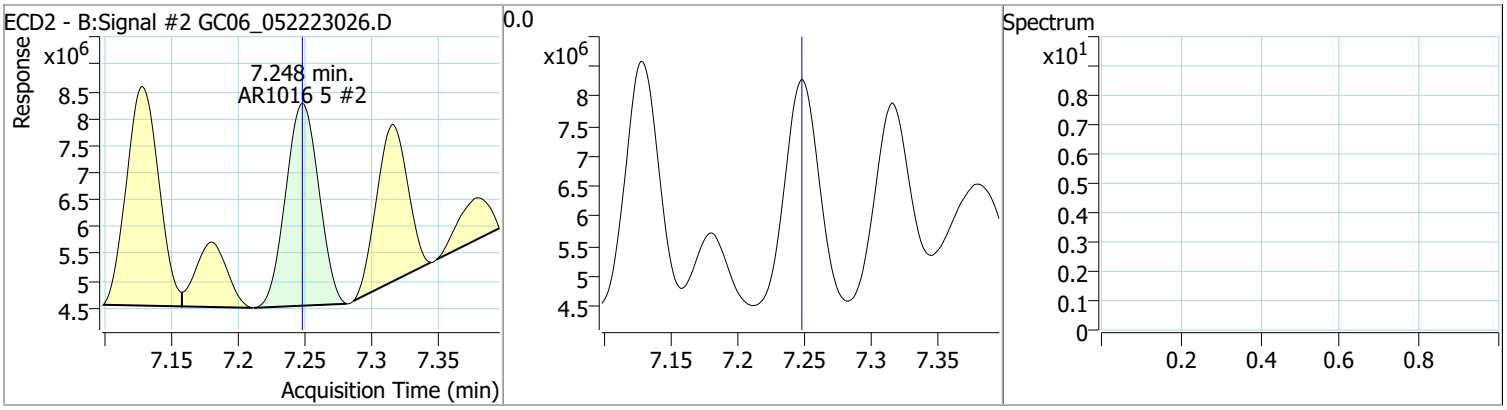
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	679.1844	6.81	0.00	15681292				



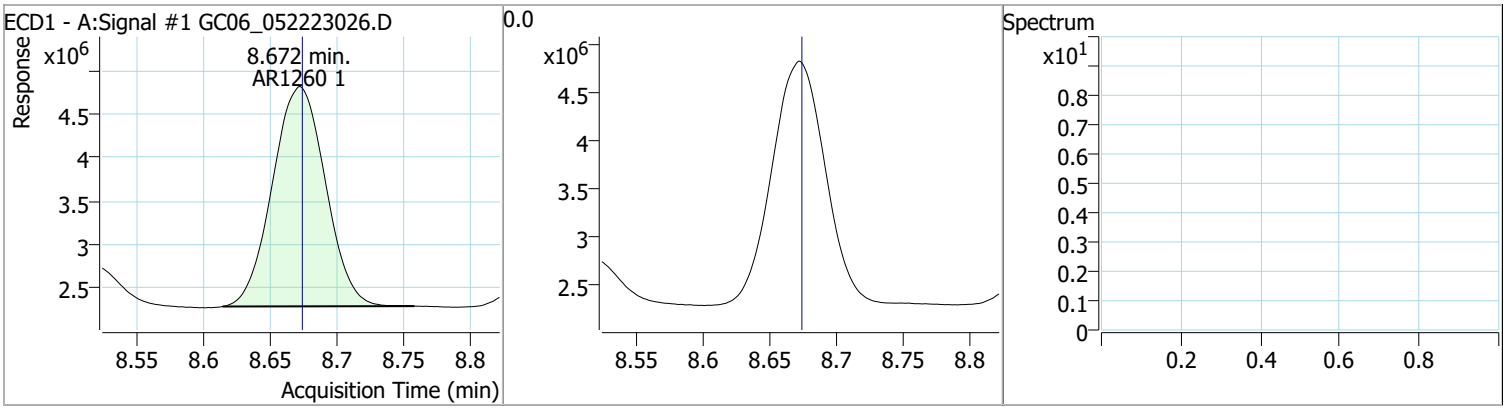
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AR1016 4 #2	675.7812	6.98	0.00	11249993				



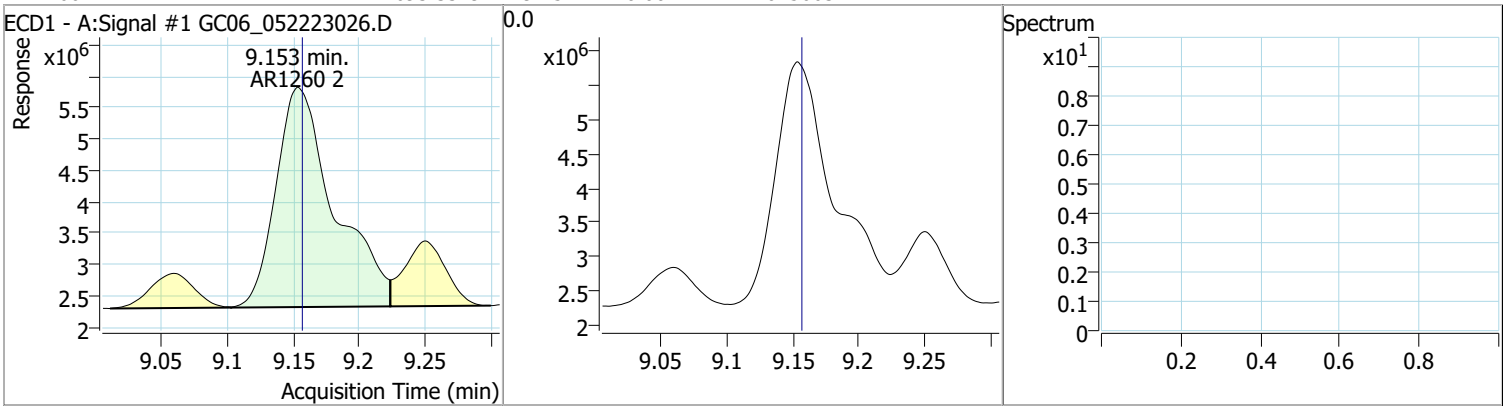
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	695.0674	7.25	0.00	6478289				



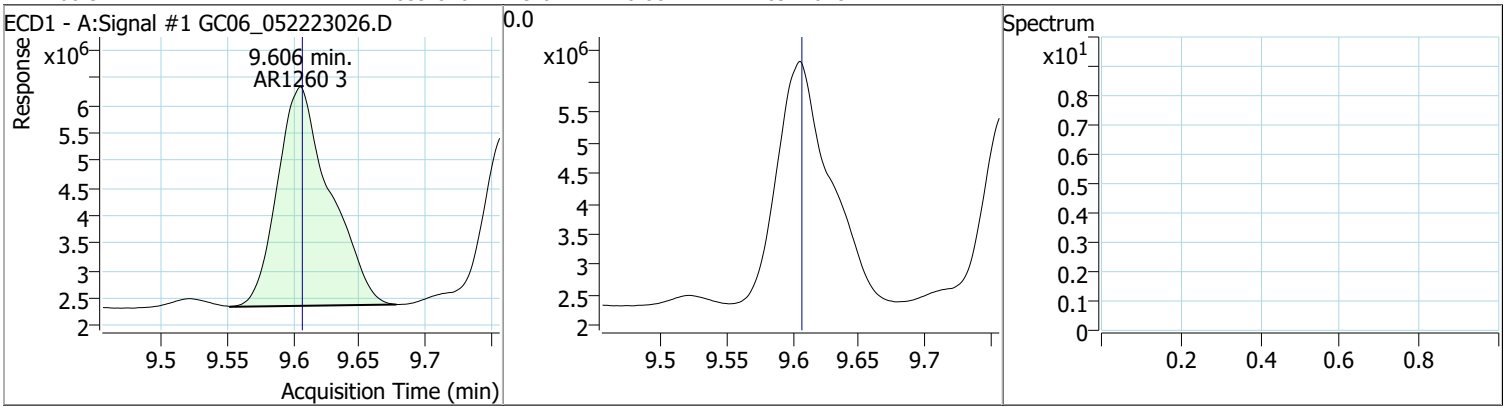
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	685.9857	8.67	0.00	6996528				



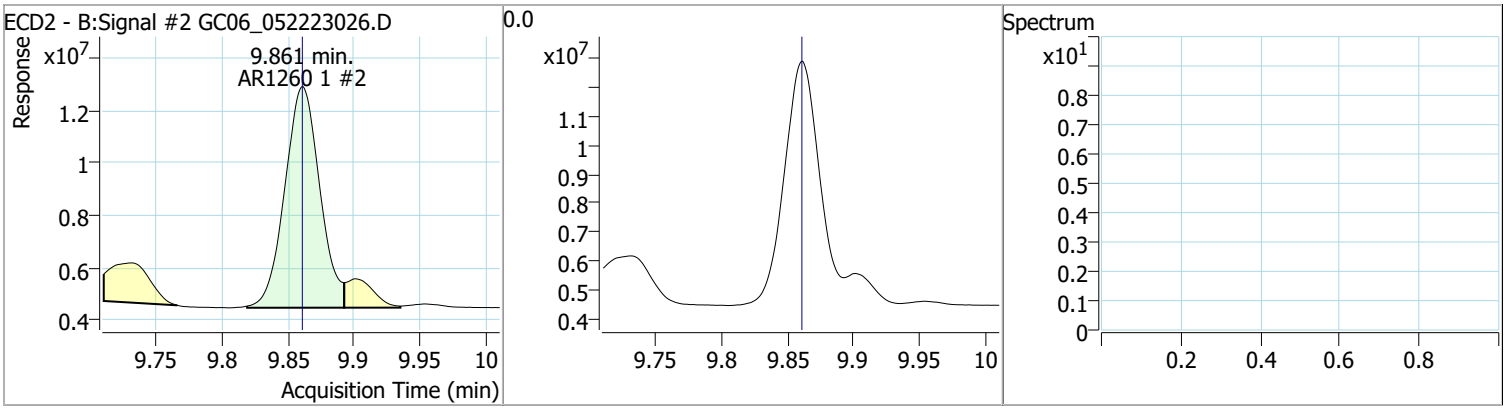
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	693.3379	9.15	0.00	10756631				



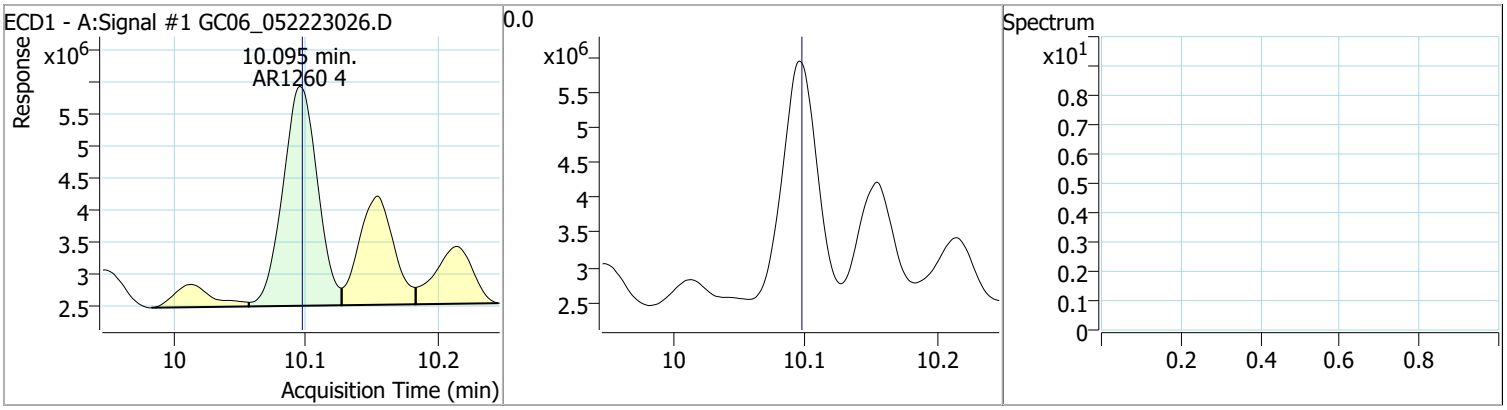
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3	659.8462	9.61	0.00	10972648				



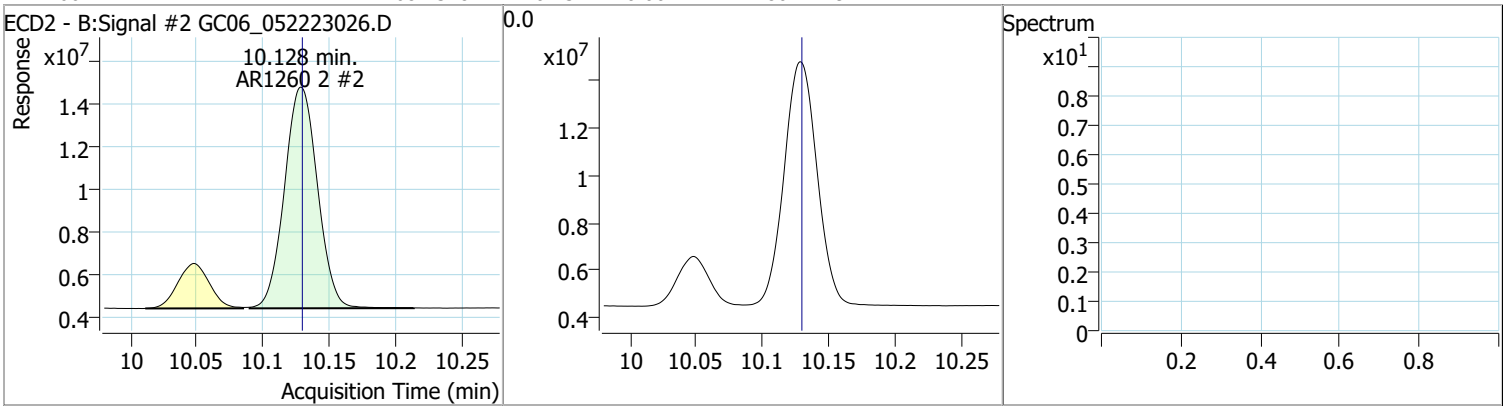
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1 #2	665.7417	9.86	0.00	15508640				



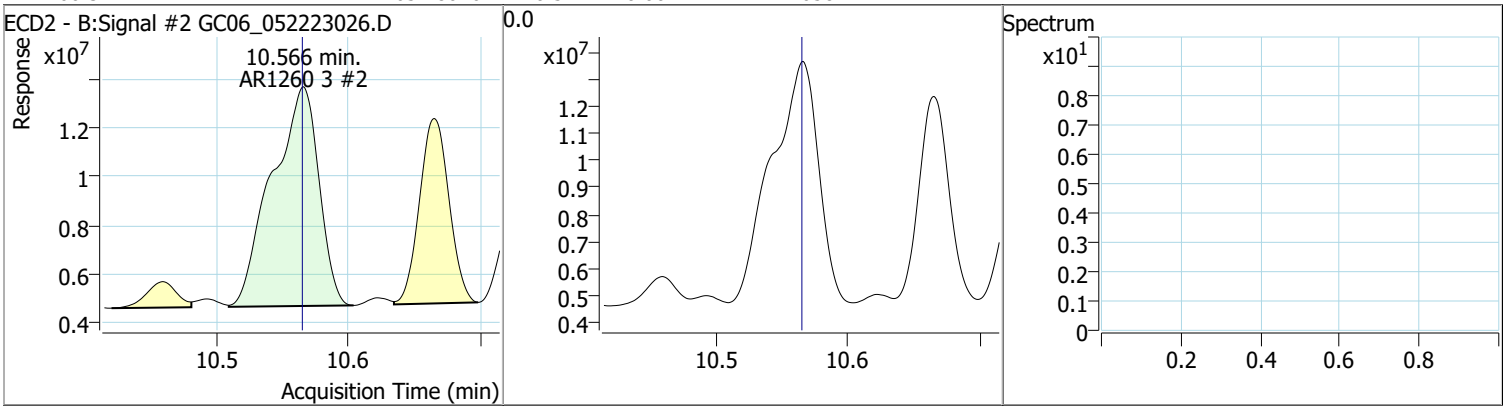
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4	691.0209	10.10	0.00	6281516				



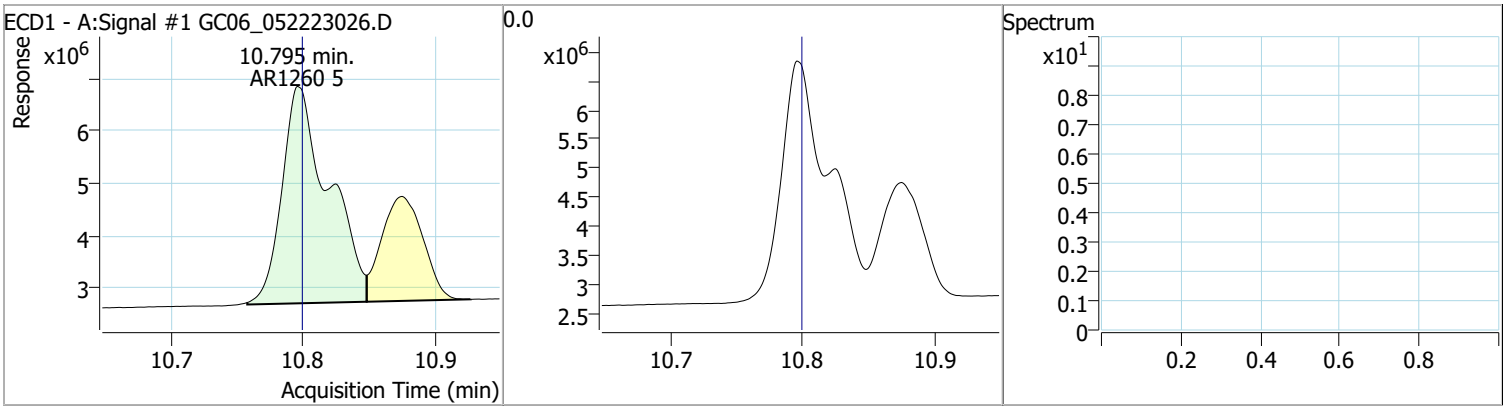
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	684.3284	10.13	0.00	18017719				



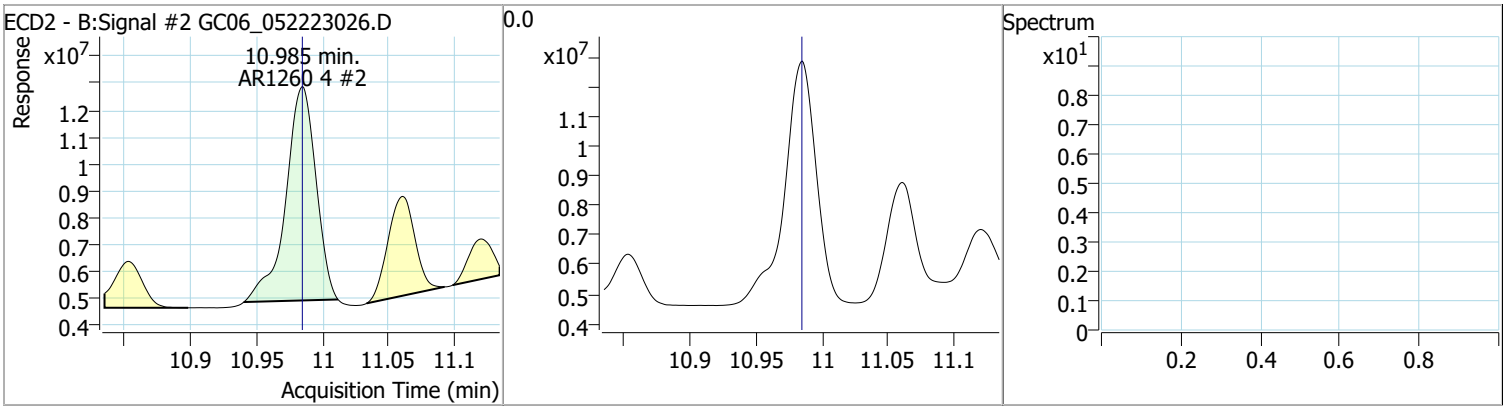
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3 #2	654.8076	10.57	0.00	22126582				



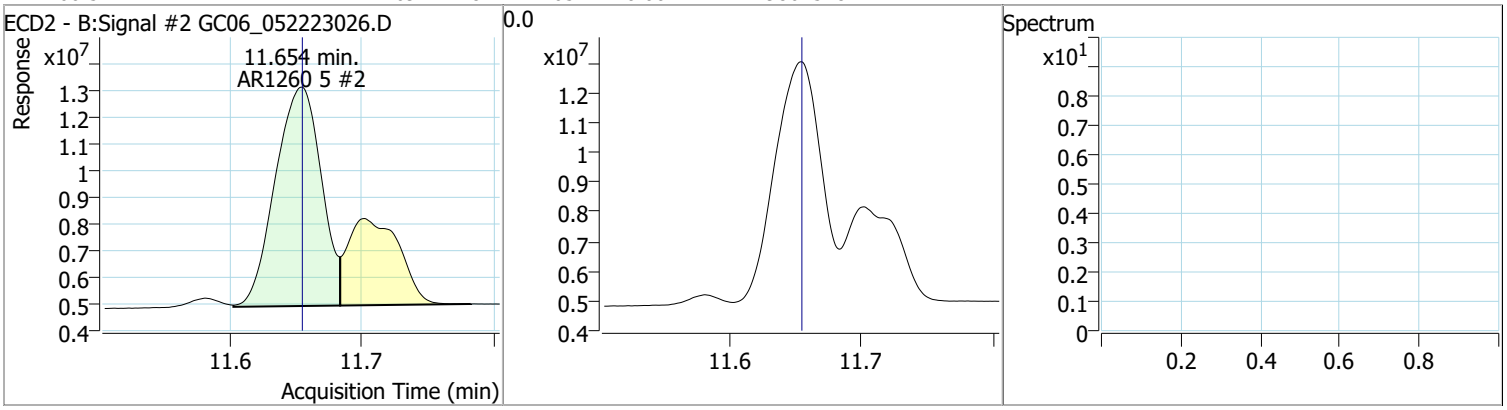
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	687.2461	10.80	0.00	10161736				



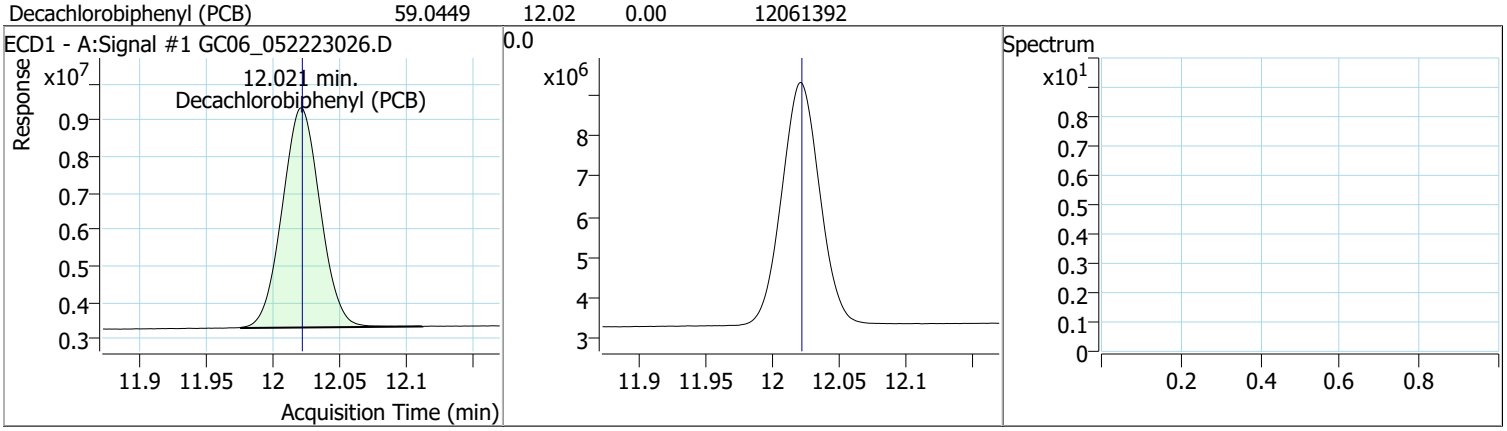
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	643.3815	10.99	0.00	12705739				



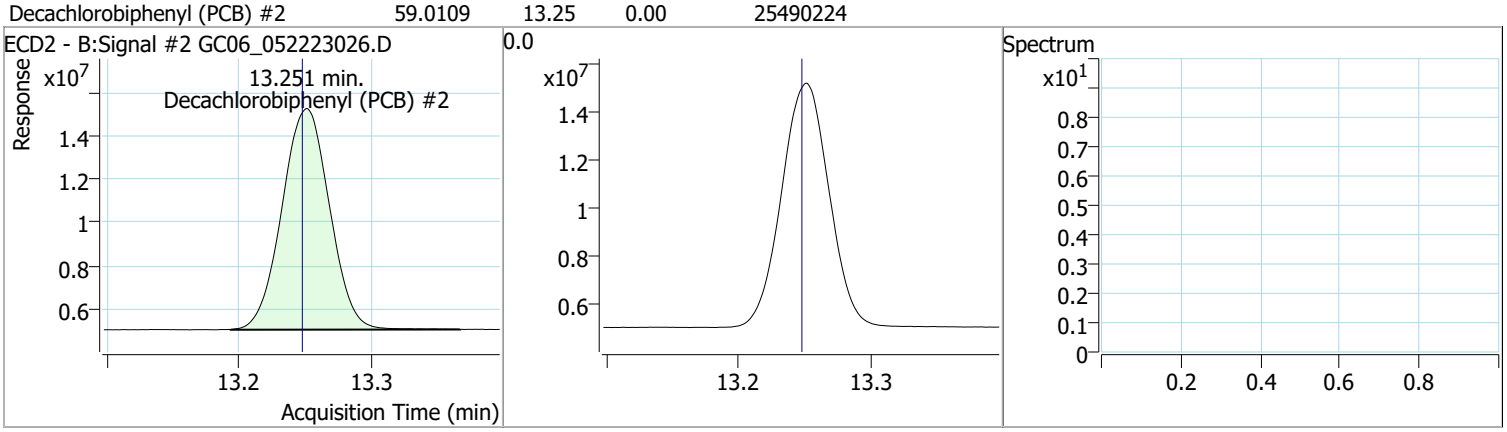
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	692.2228	11.65	0.00	19861518				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	59.0449	12.02	0.00	12061392				

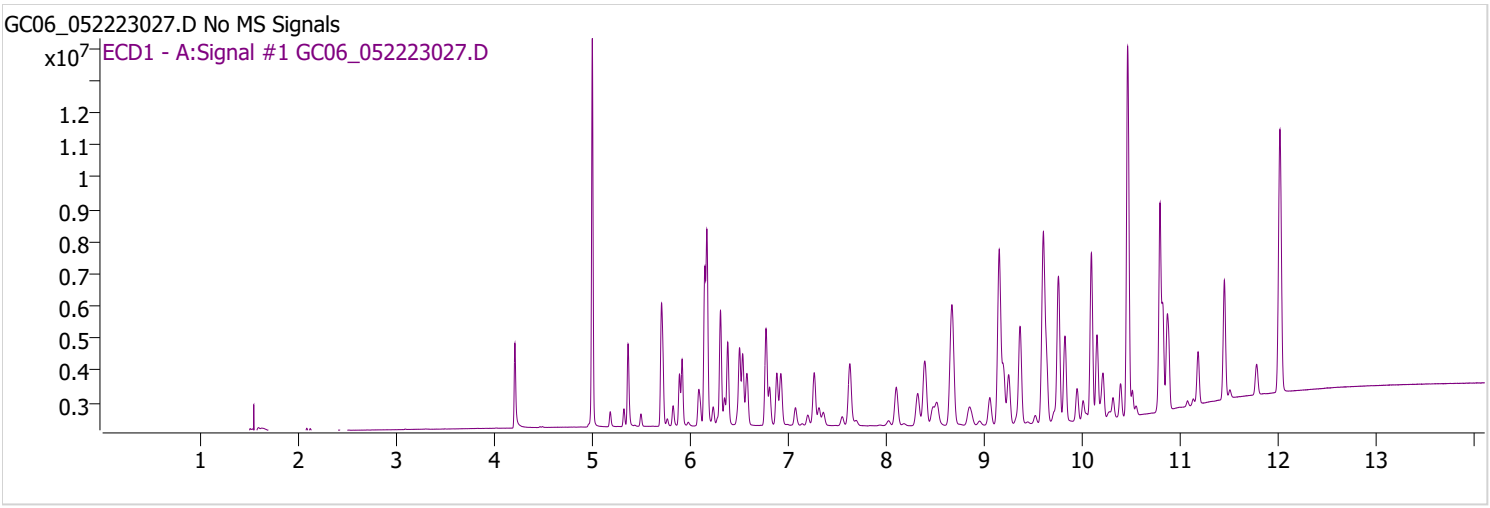


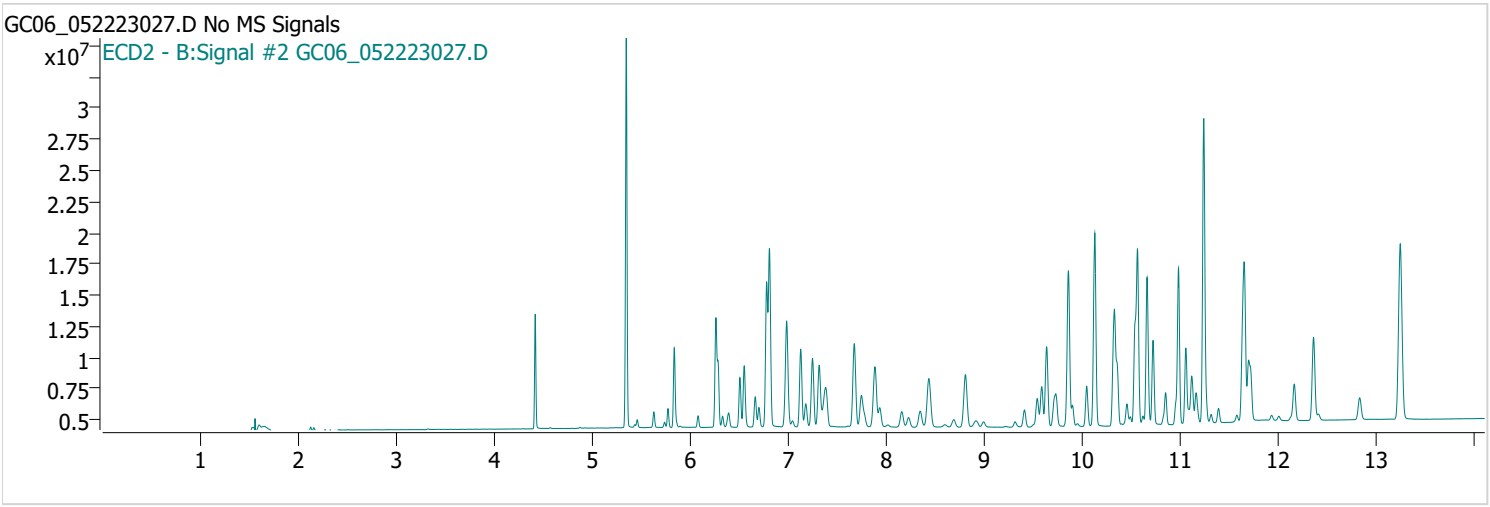
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	59.0109	13.25	0.00	25490224				



Quantitation Results Report (Not Reviewed)

Data File	GC06_052223027.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	5/22/2023 10:14:39 PM
Sample Name	ICAL, S18186	Instrument	SVOA-GC06
Vial	18	Multiplier	1.00
DA Method File	PCB_608_052223_GC06_1.m	Comment	
Tune File	ATUNE.U	Tune Date	
Batch Name	052223PCBICAL.batch.bin	Last Calib Update	5/23/2023 1:35:07 PM
Ref Library			



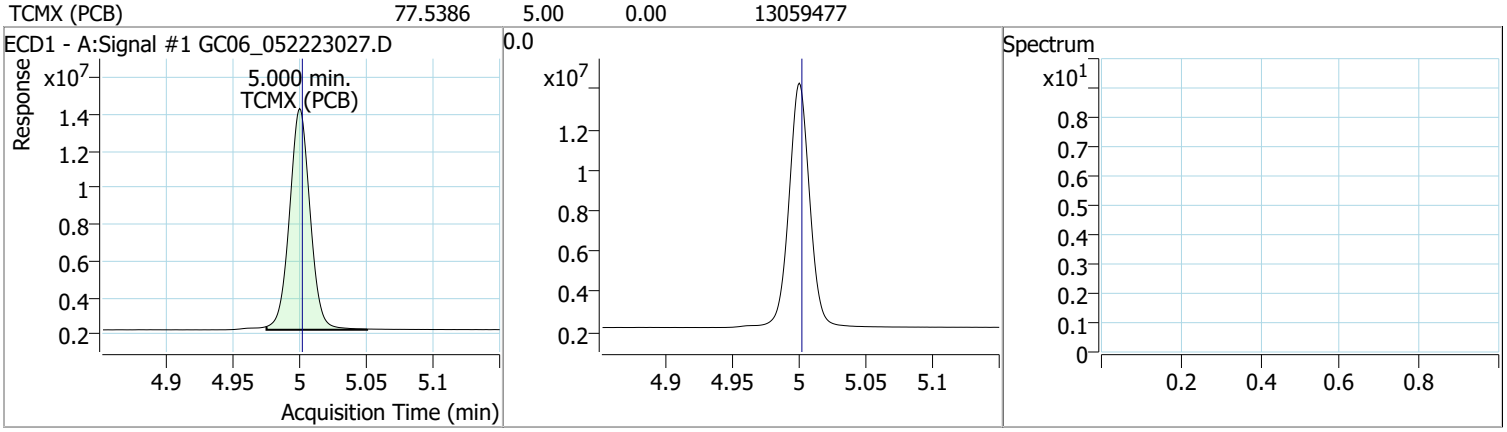


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1-bromo-2-nitrobenzene (PCB)	4.210	0.0	3177196.298	20.0000	ng/ml		0.000
M 1-bromo-2-nitrobenzene (PCB) #2	4.418	0.0	8538127.861	20.0000	ng/ml		0.000
System Monitoring Compounds							
S TCMX (PCB)	5.000	0.0	13059477.125	77.5386	ng/ml		-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 387.69%		*	
S TCMX (PCB) #2	5.347	0.0	33332428.974	73.8075	ng/ml		0.000
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 369.04%		*	
S Decachlorobiphenyl (PCB)	12.020	0.0	16779212.068	79.7922	ng/ml		-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 398.96%		*	
S Decachlorobiphenyl (PCB) #2	13.248	0.0	35172468.031	78.4331	ng/ml		0.000
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 392.17%		*	
Target Compounds							QValue

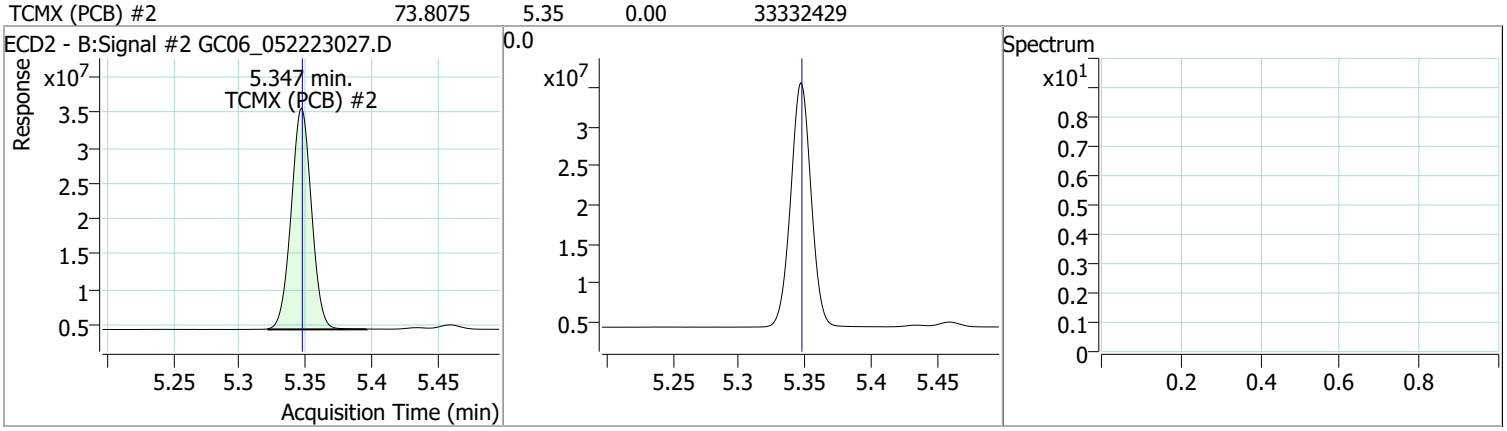
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T AR1016 1	5.365	0.0	3361984.807	956.0366	ng/ml	100
T AR1016 2	5.708	0.0	6790602.223	945.5622	ng/ml	100
T AR1016 1 #2	5.837	0.0	8259478.855	929.7069	ng/ml	100
T AR1016 3	6.169	0.0	8710064.418	950.8795	ng/ml	100
T AR1016 2 #2	6.263	0.0	17900117.186	897.6324	ng/ml	100
T AR1016 4	6.308	0.0	5417216.933	960.3118	ng/ml	100
T AR1016 5	6.503	0.0	4143015.708	989.5378	ng/ml	100
T AR1016 3 #2	6.808	0.0	23127122.509	964.8622	ng/ml	100
T AR1016 4 #2	6.984	0.0	16385197.404	948.0764	ng/ml	100
T AR1016 5 #2	7.248	0.0	9404709.325	971.9633	ng/ml	100
T AR1260 1	8.671	0.0	10615234.602	1011.0338	ng/ml	100
T AR1260 2	9.154	0.0	16051273.016	1005.0363	ng/ml	100
T AR1260 3	9.605	0.0	16576838.173	968.3593	ng/ml	100
T AR1260 1 #2	9.860	0.0	23063729.404	953.6728	ng/ml	100
T AR1260 4	10.095	0.0	9476714.032	1012.7169	ng/ml	100
T AR1260 2 #2	10.130	0.0	27033246.667	989.0102	ng/ml	100
T AR1260 3 #2	10.565	0.0	33404051.423	952.2179	ng/ml	100
T AR1260 5	10.796	0.0	15484088.277	1017.2638	ng/ml	100
T AR1260 4 #2	10.984	0.0	20107387.635	980.7585	ng/ml	100
T AR1260 5 #2	11.654	0.0	30218538.025	1014.4829	ng/ml	100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

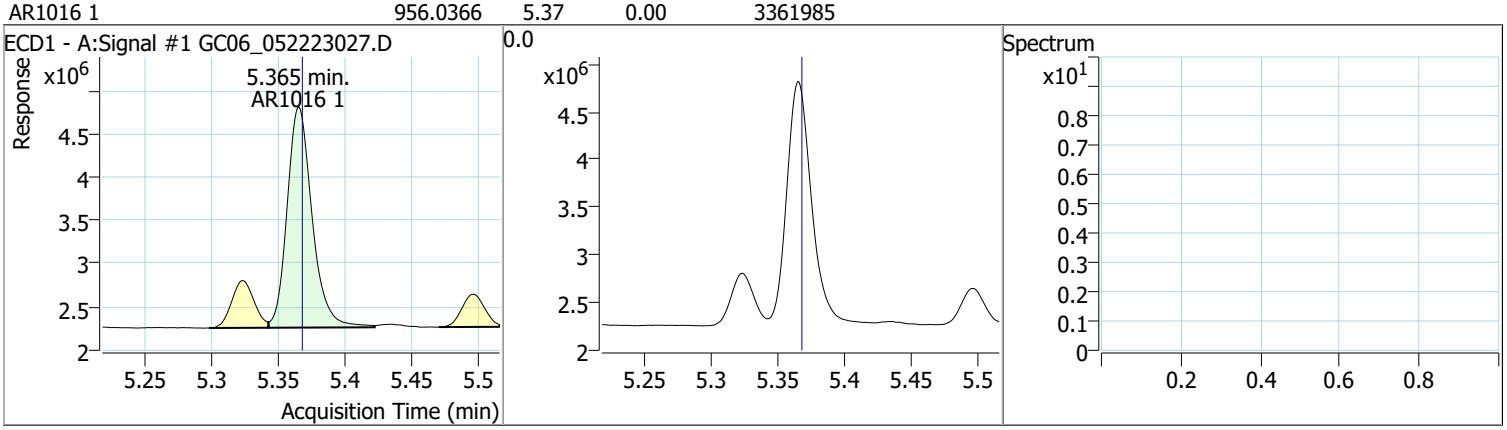
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	77.5386	5.00	0.00	13059477				



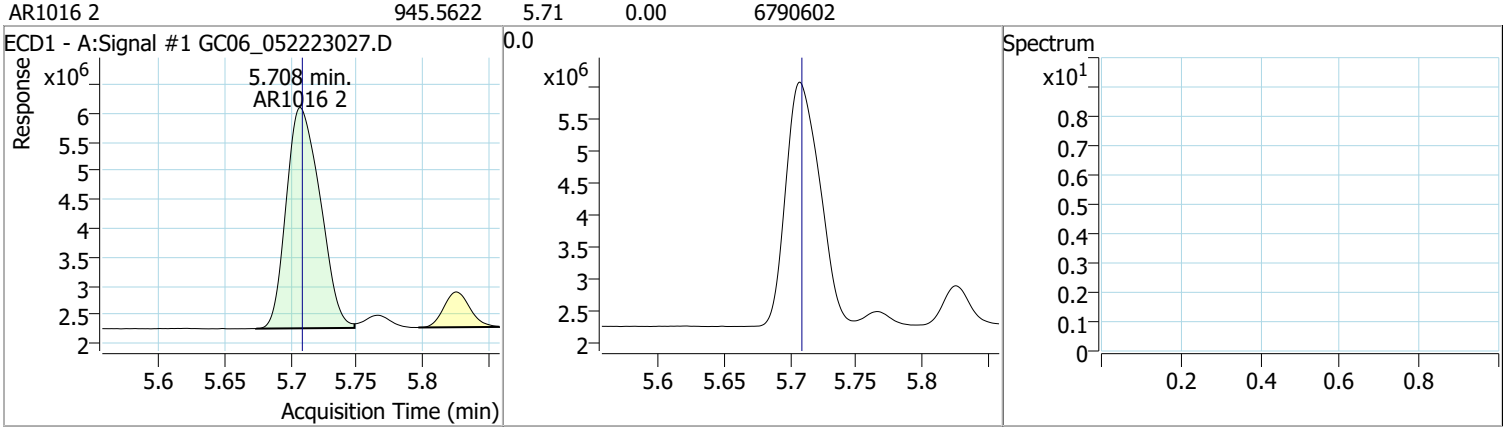
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB) #2	73.8075	5.35	0.00	33332429				



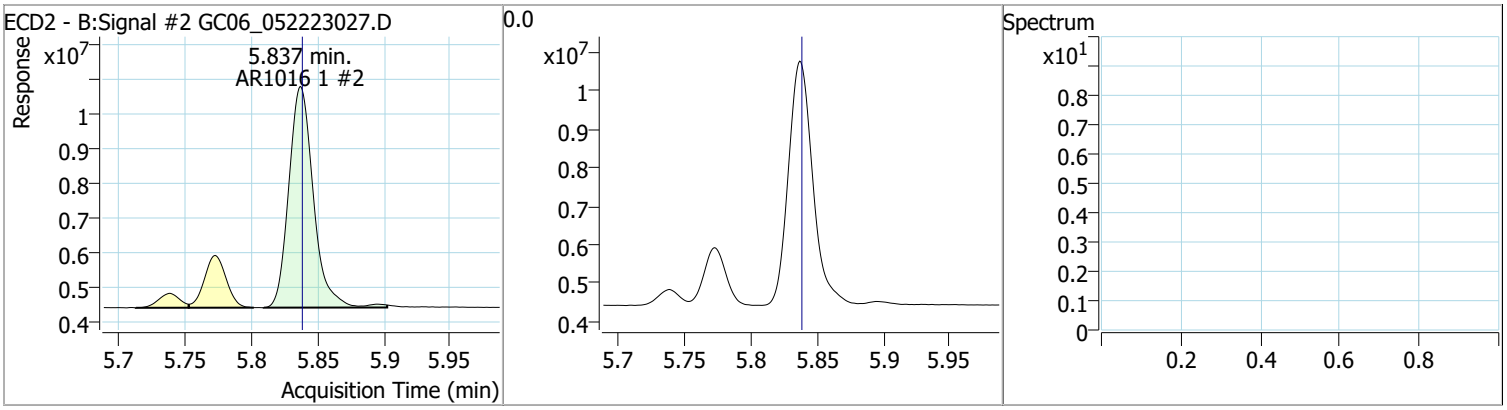
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	956.0366	5.37	0.00	3361985				



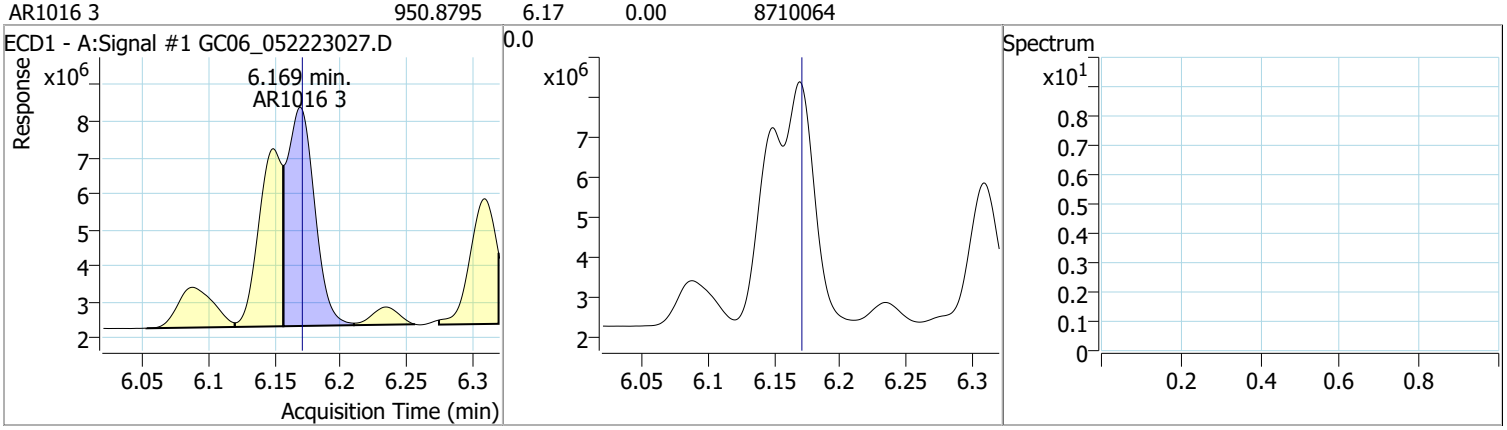
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AR1016 2	945.5622	5.71	0.00	6790602				



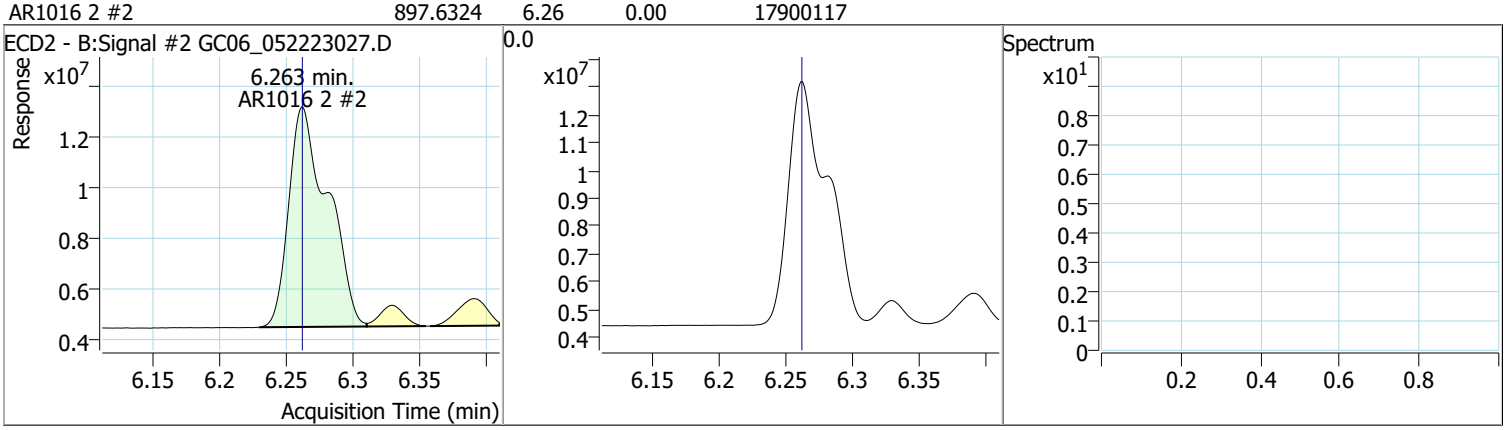
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AR1016 1 #2	929.7069	5.84	0.00	8259479				



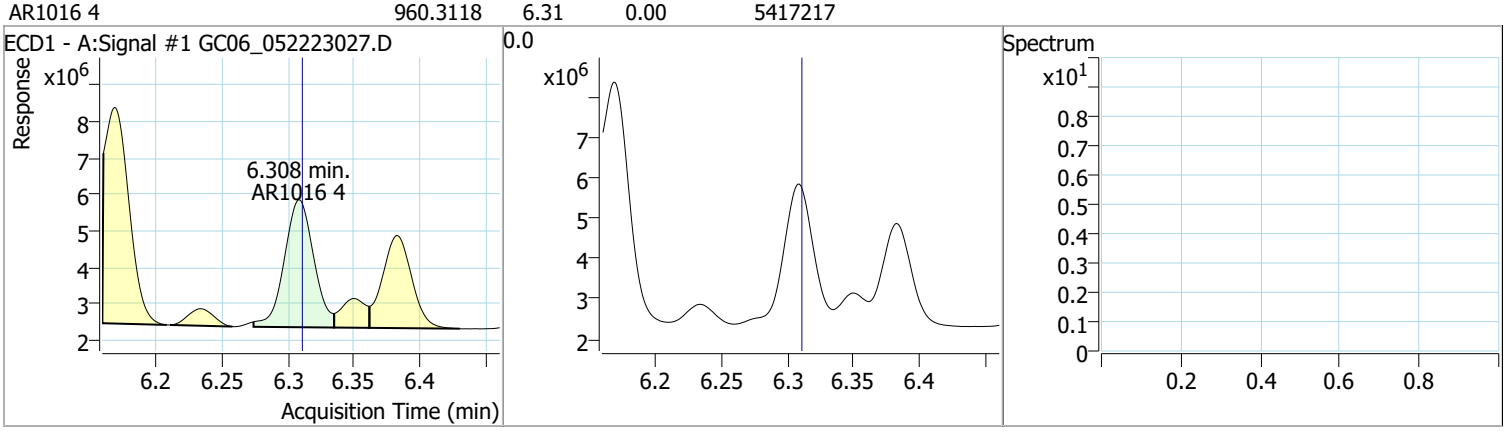
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	950.8795	6.17	0.00	8710064				



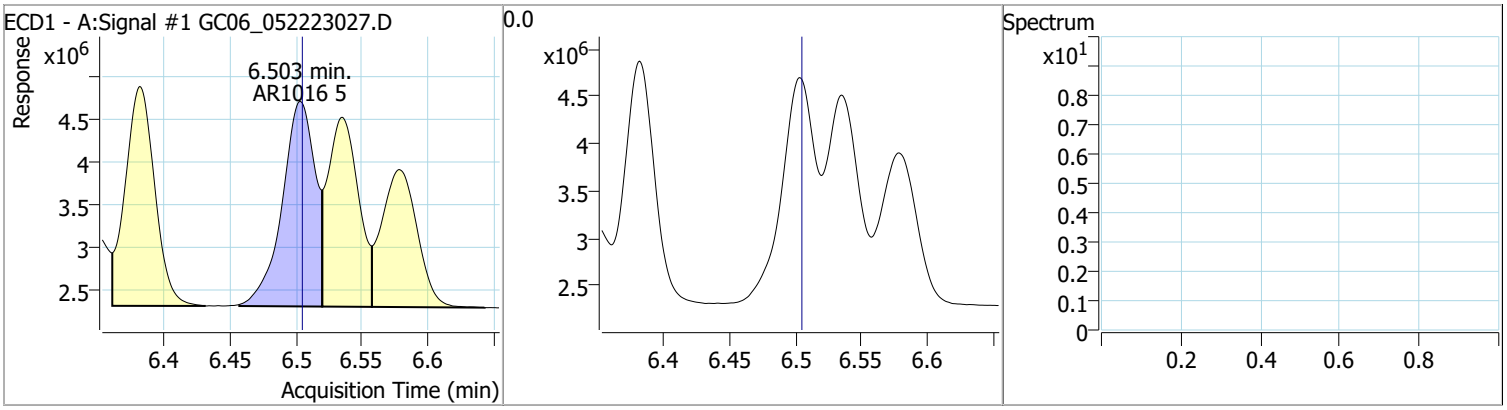
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	897.6324	6.26	0.00	17900117				



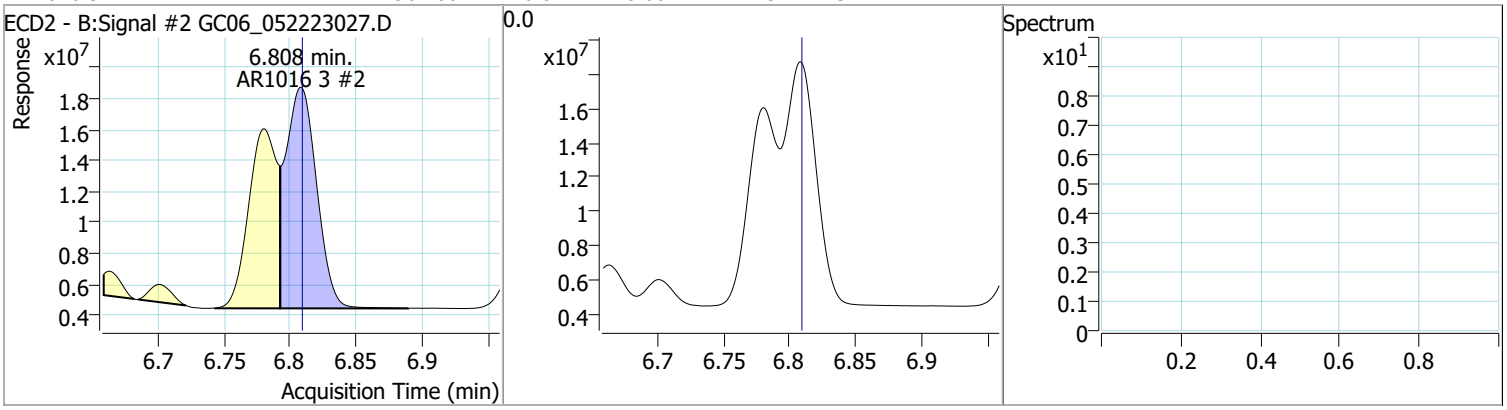
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4	960.3118	6.31	0.00	5417217				



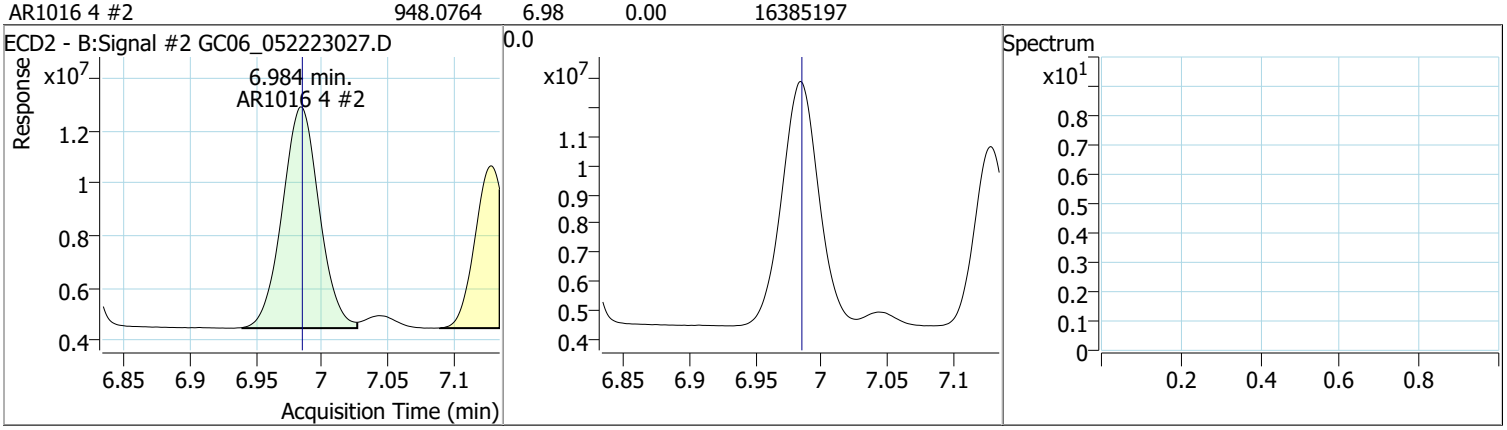
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	989.5378	6.50	0.00	4143016				



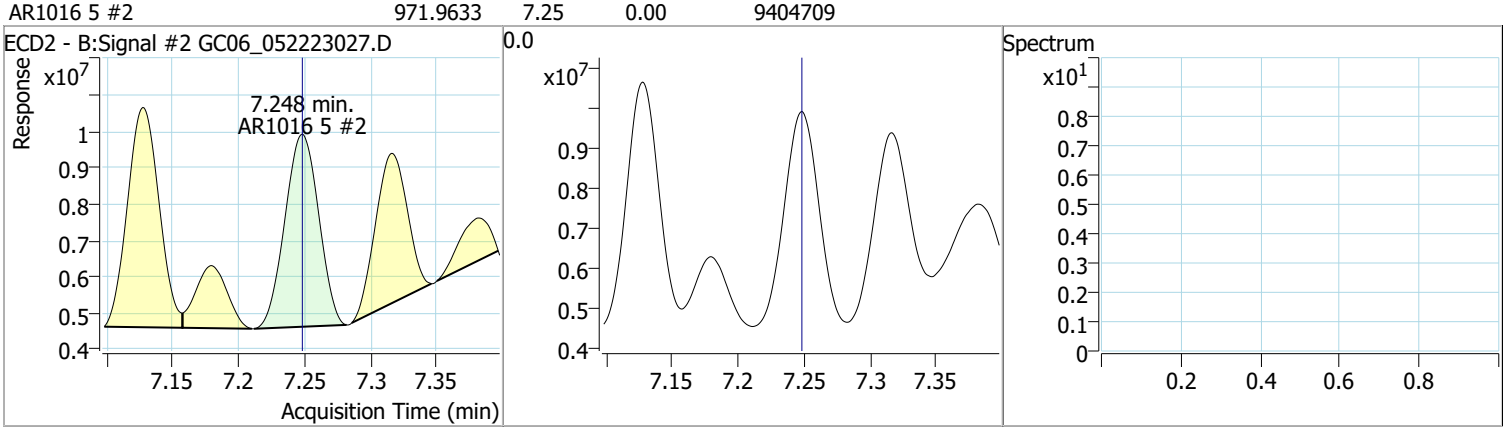
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	964.8622	6.81	0.00	23127123				



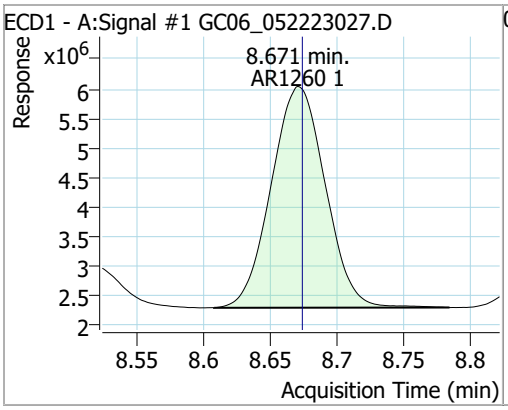
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AR1016 4 #2	948.0764	6.98	0.00	16385197				

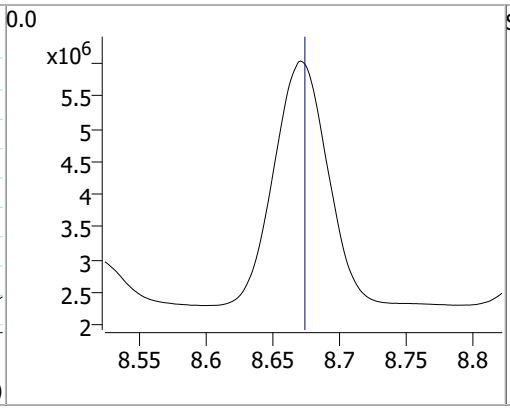


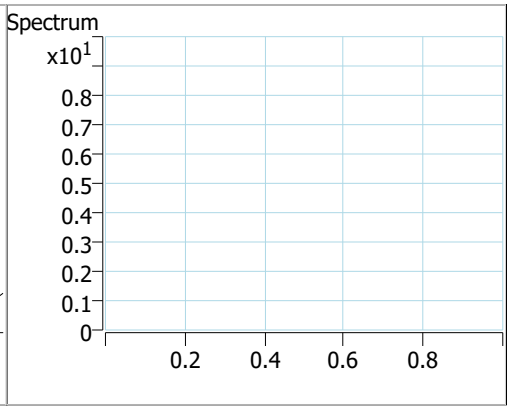
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	971.9633	7.25	0.00	9404709				



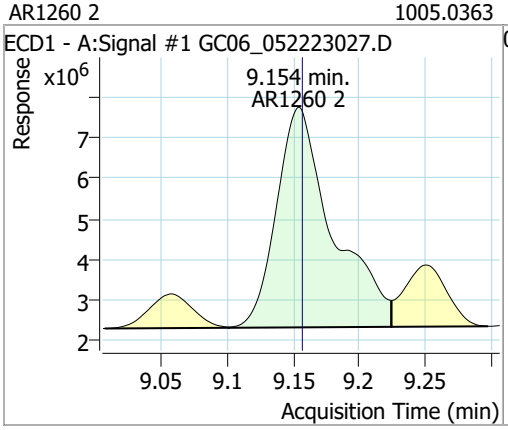
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	1011.0338	8.67	0.00	10615235				

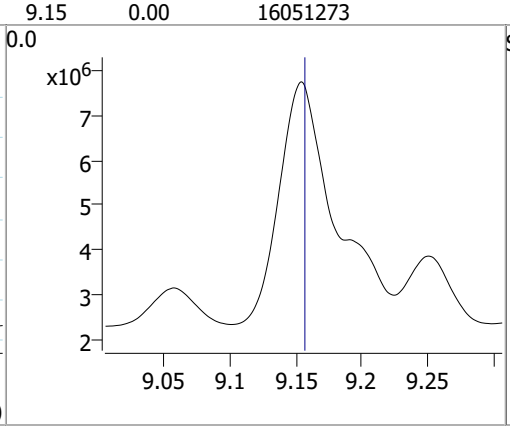


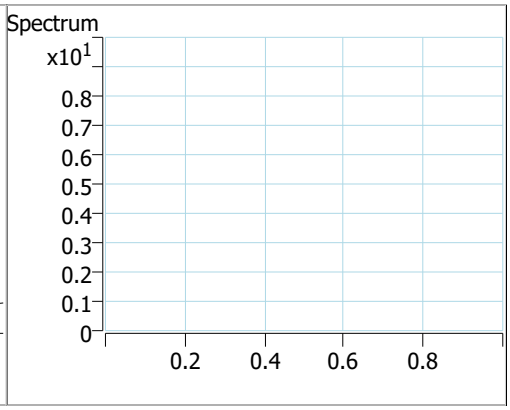




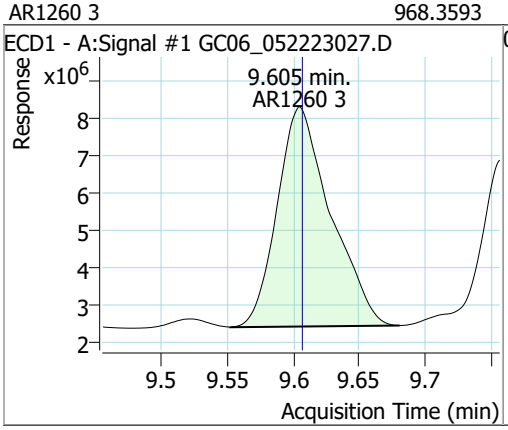
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	1005.0363	9.15	0.00	16051273				

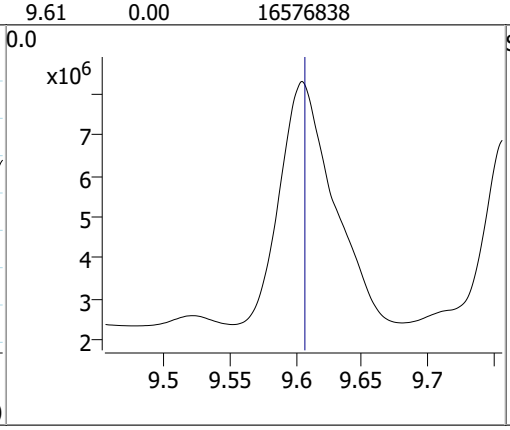


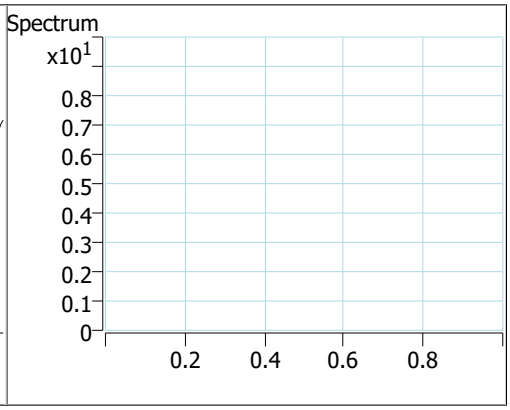




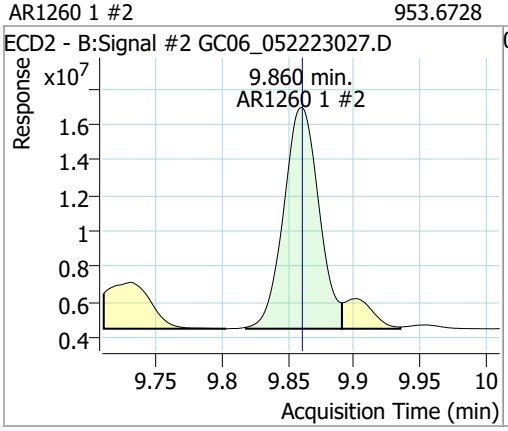
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3	968.3593	9.61	0.00	16576838				

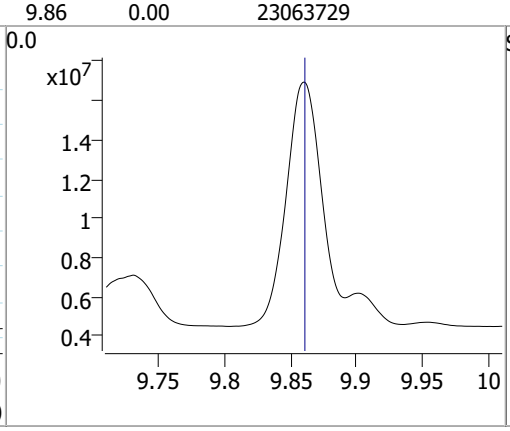


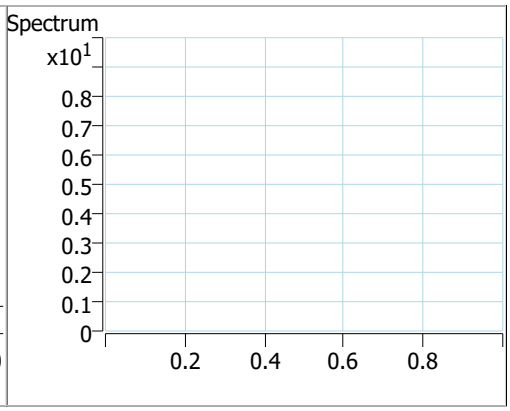




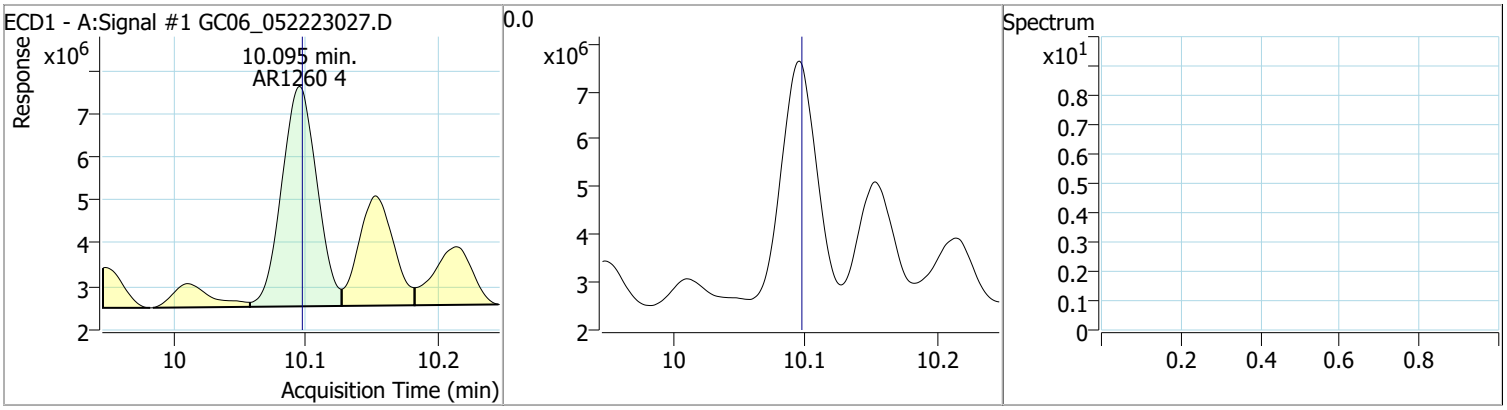
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1 #2	953.6728	9.86	0.00	23063729				



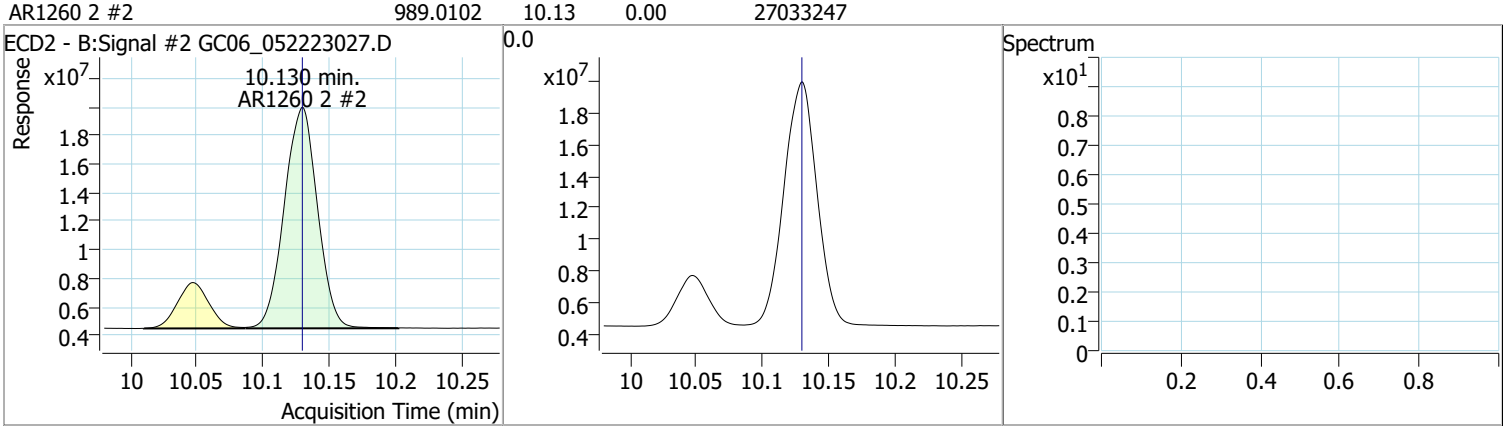




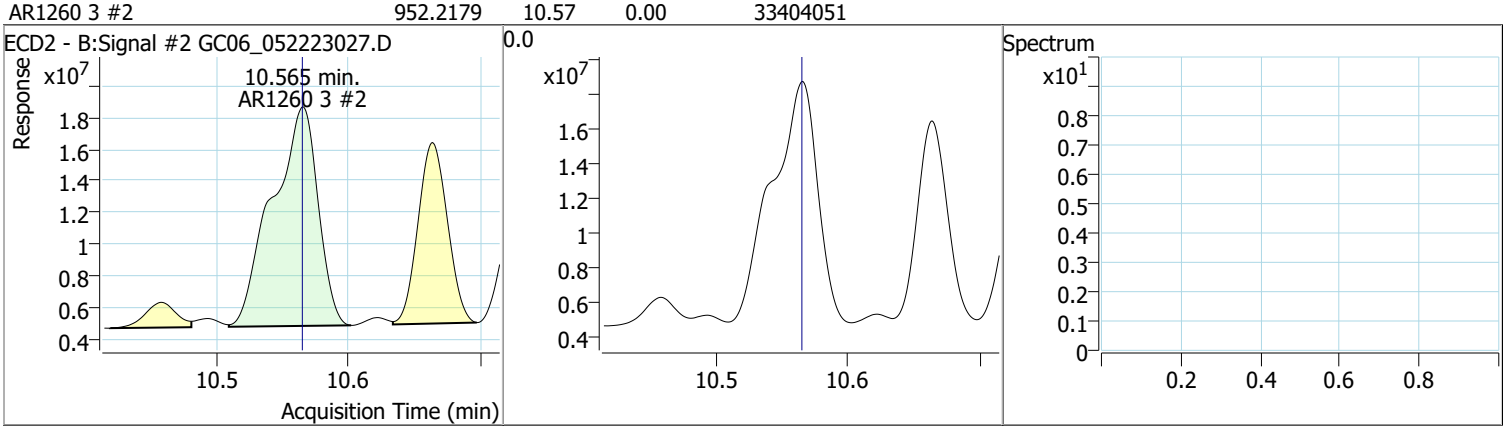
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4	1012.7169	10.10	0.00	9476714				



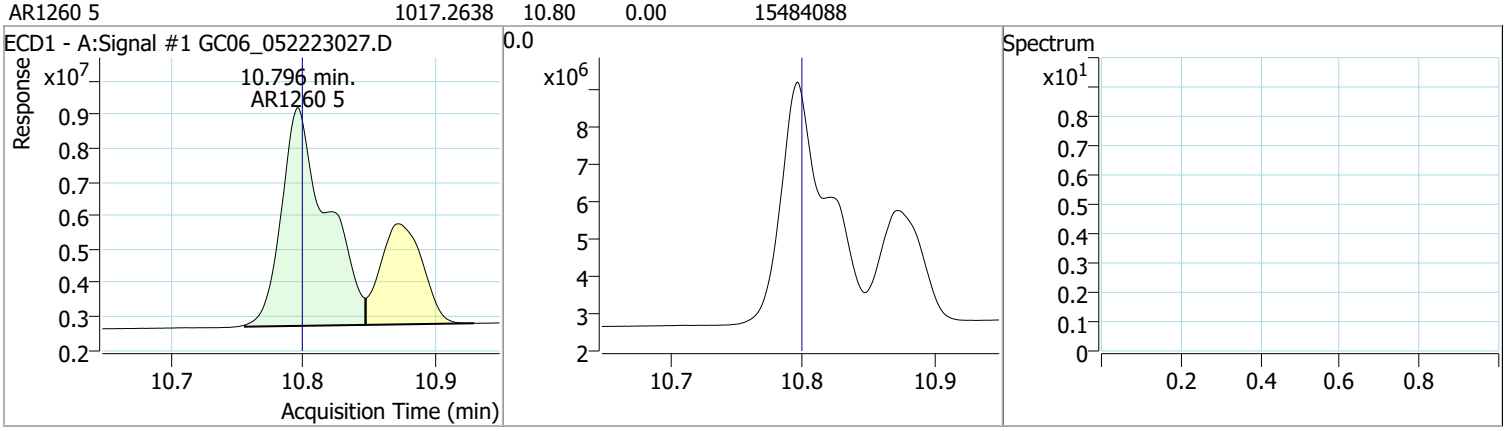
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	989.0102	10.13	0.00	27033247				



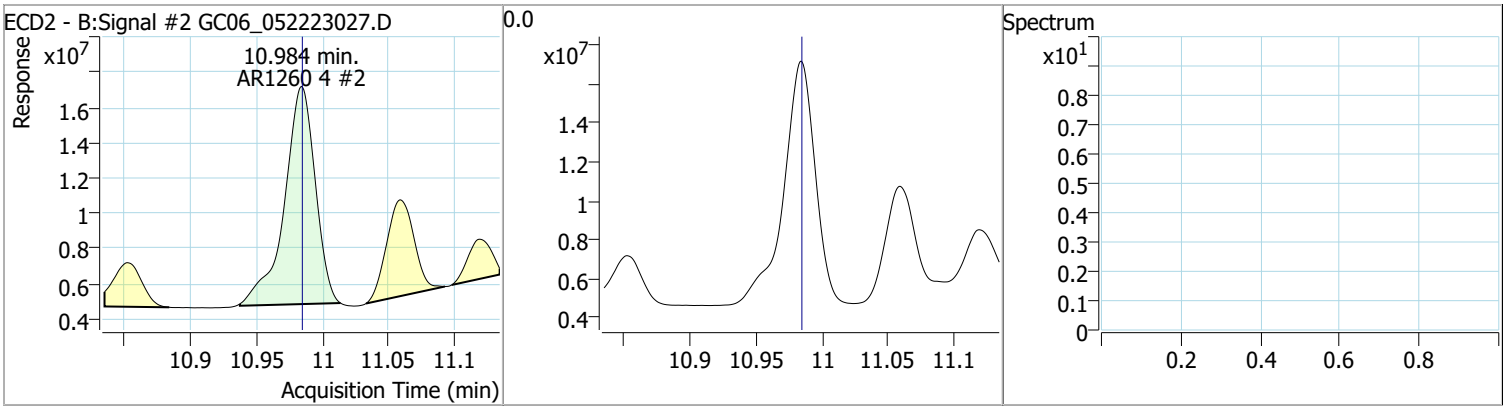
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3 #2	952.2179	10.57	0.00	33404051				



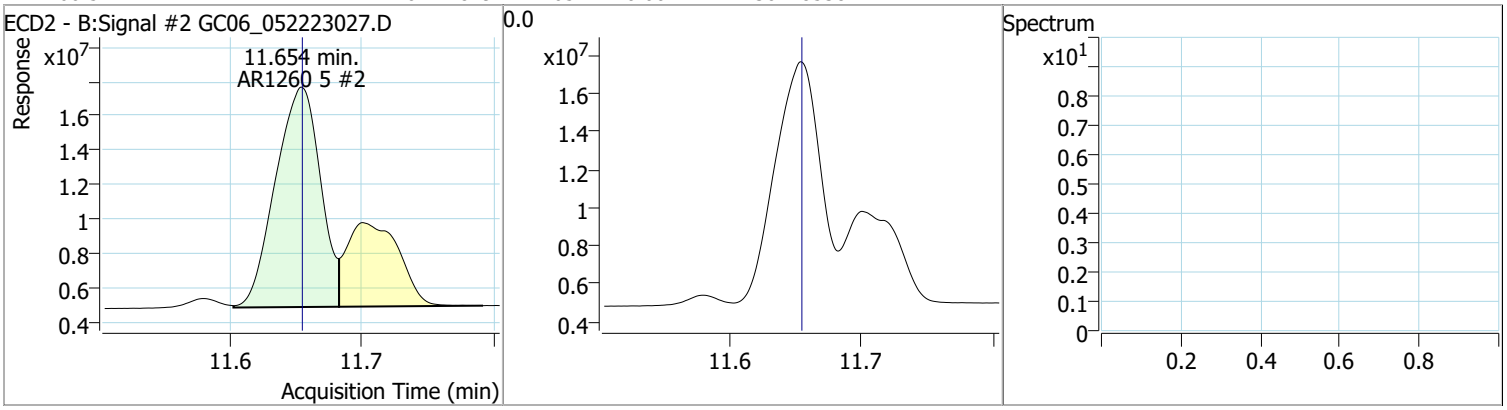
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	1017.2638	10.80	0.00	15484088				



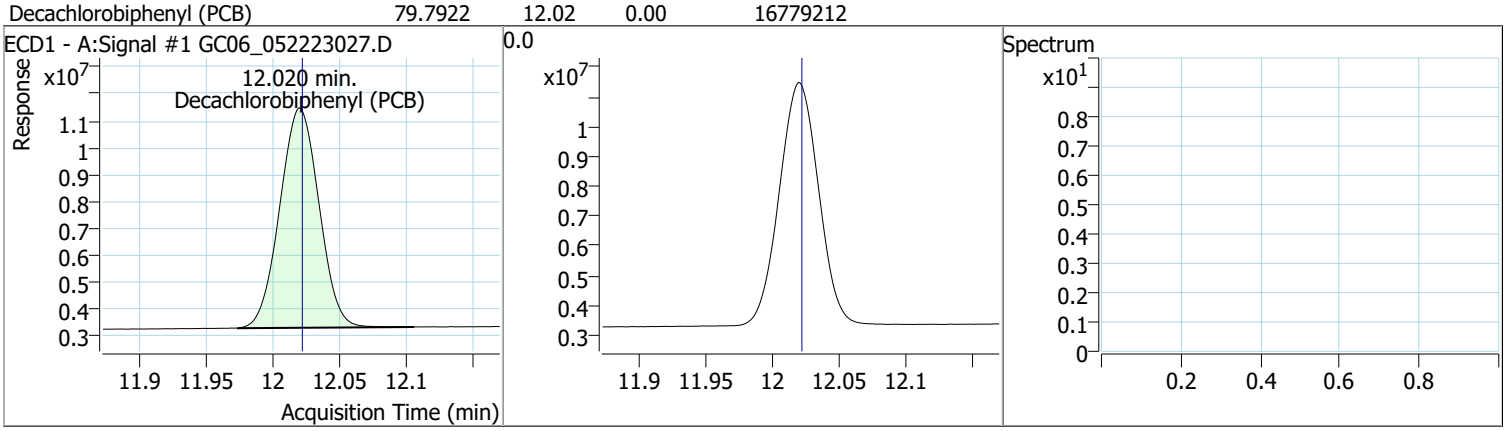
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	980.7585	10.98	0.00	20107388				



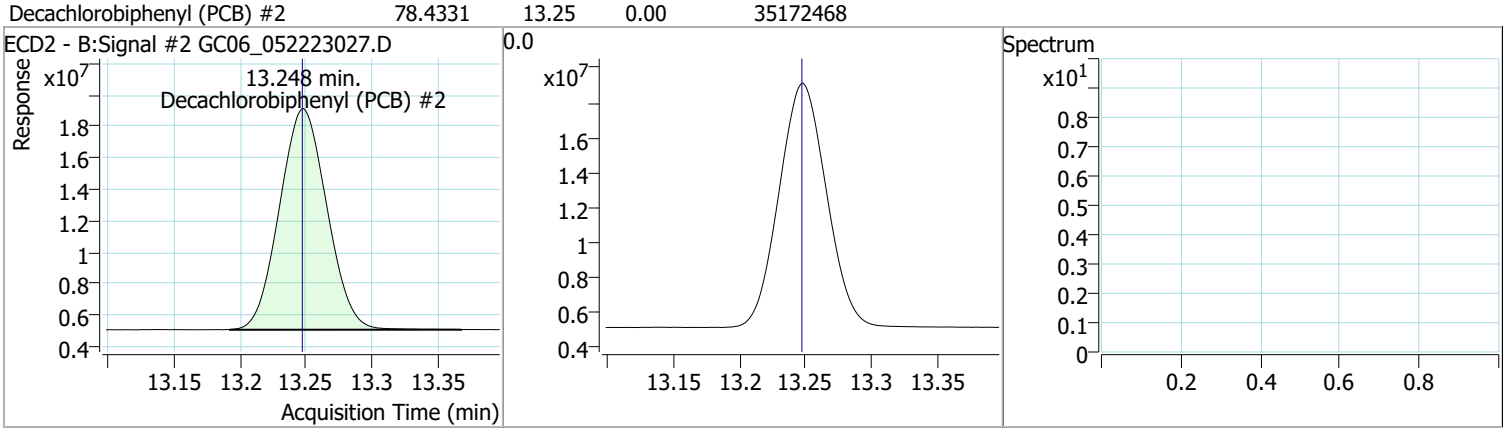
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	1014.4829	11.65	0.00	30218538				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	79.7922	12.02	0.00	16779212				

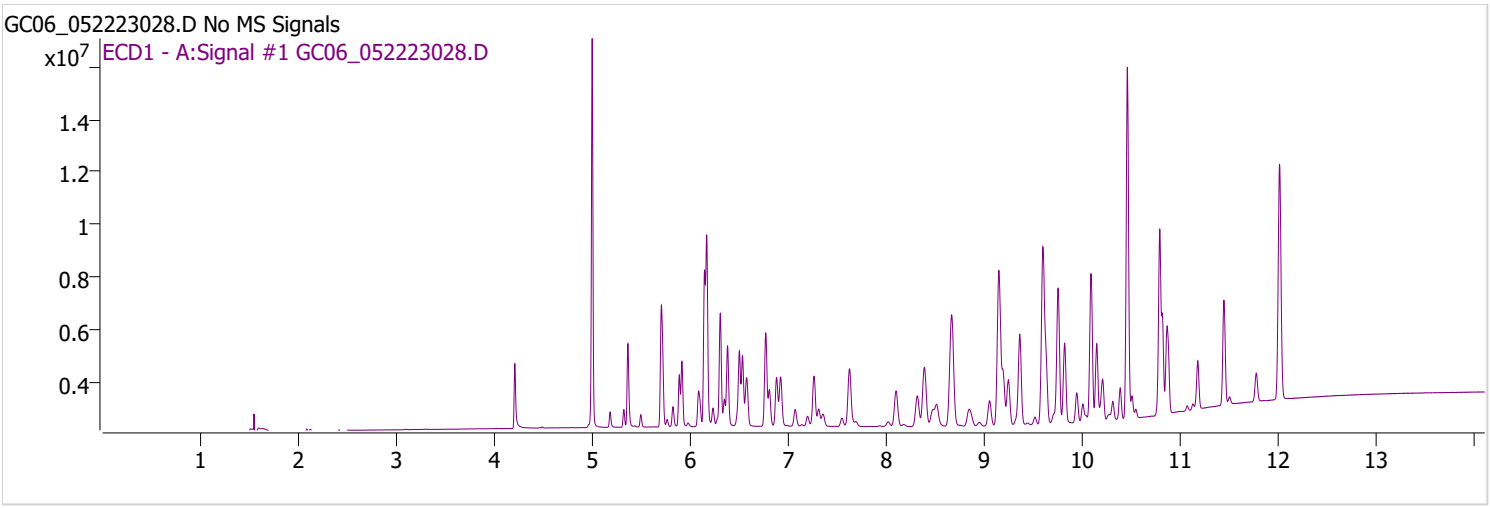


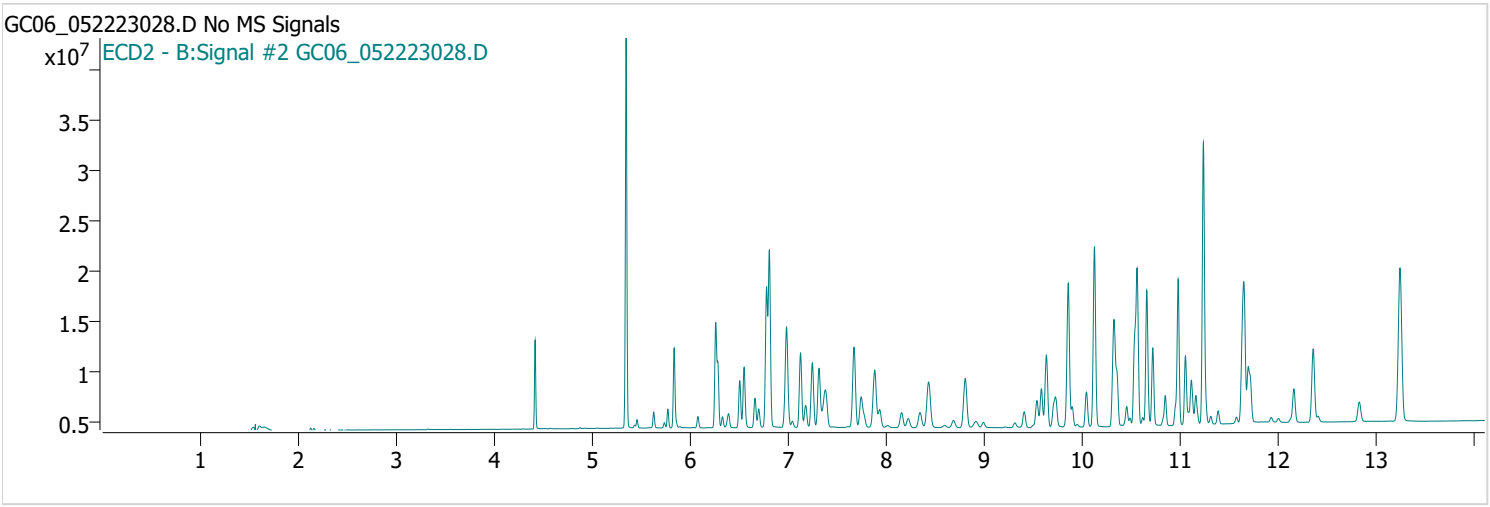
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	78.4331	13.25	0.00	35172468				



Quantitation Results Report (Not Reviewed)

Data File	GC06_052223028.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	5/22/2023 10:33:00 PM
Sample Name	ICAL, S18187	Instrument	SVOA-GC06
Vial	19	Multiplier	1.00
DA Method File	PCB_608_052223_GC06_1.m	Comment	
Tune File	ATUNE.U	Tune Date	
Batch Name	052223PCBICAL.batch.bin	Last Calib Update	5/23/2023 1:35:07 PM
Ref Library			



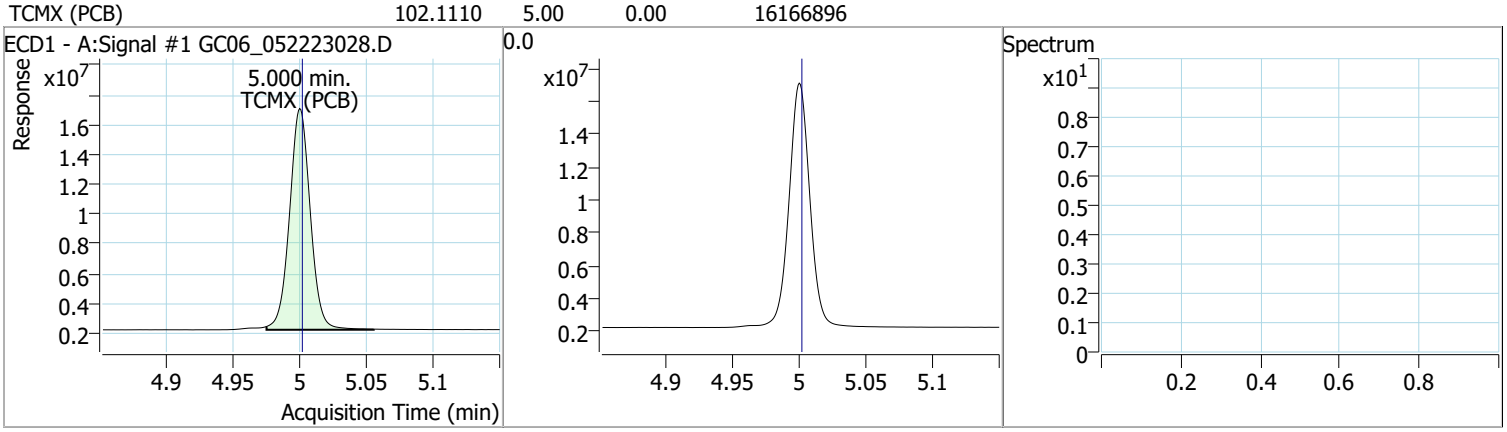


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1-bromo-2-nitrobenzene (PCB)	4.210	0.0	2986690.936	20.0000	ng/ml		0.000
M 1-bromo-2-nitrobenzene (PCB) #2	4.418	0.0	8039960.266	20.0000	ng/ml		0.000
System Monitoring Compounds							
S TCMX (PCB)	5.000	0.0	16166895.793	102.1110	ng/ml		-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 510.55%		*	
S TCMX (PCB) #2	5.347	0.0	41424203.830	97.4085	ng/ml		0.000
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 487.04%		*	
S Decachlorobiphenyl (PCB)	12.020	0.0	18098777.057	91.5570	ng/ml		-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 457.79%		*	
S Decachlorobiphenyl (PCB) #2	13.249	0.0	38113069.626	90.2567	ng/ml		0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 451.28%		*	
Target Compounds							QValue

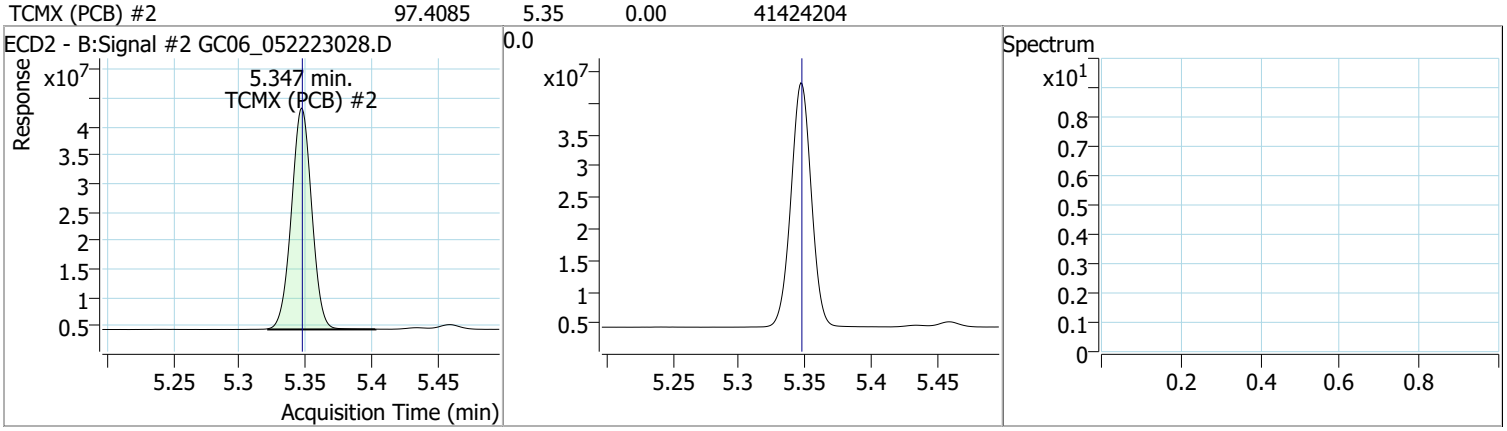
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T AR1016 1	5.365	0.0	4130951.453	1249.6334	ng/ml		100
T AR1016 2	5.708	0.0	8196556.920	1214.1351	ng/ml		100
T AR1016 1 #2	5.838	0.0	10197357.291	1218.9610	ng/ml		100
T AR1016 3	6.169	0.0	10657766.941	1237.7248	ng/ml	m	100
T AR1016 2 #2	6.262	0.0	21759547.417	1158.7807	ng/ml		100
T AR1016 4	6.308	0.0	6487825.573	1223.4577	ng/ml		100
T AR1016 5	6.503	0.0	4831227.273	1227.5157	ng/ml		100
T AR1016 3 #2	6.809	0.0	27859080.853	1234.2958	ng/ml		100
T AR1016 4 #2	6.984	0.0	19768821.415	1214.7340	ng/ml		100
T AR1016 5 #2	7.248	0.0	11131193.099	1221.6729	ng/ml		100
T AR1260 1	8.671	0.0	11760437.435	1191.5529	ng/ml		100
T AR1260 2	9.153	0.0	18103976.257	1205.8687	ng/ml		100
T AR1260 3	9.603	0.0	18677708.201	1160.6792	ng/ml		100
T AR1260 1 #2	9.862	0.0	26304987.981	1155.0923	ng/ml		100
T AR1260 4	10.093	0.0	10651294.214	1210.8391	ng/ml		100
T AR1260 2 #2	10.129	0.0	30540147.120	1186.5401	ng/ml		100
T AR1260 3 #2	10.564	0.0	38103713.481	1153.4885	ng/ml		100
T AR1260 5	10.797	0.0	17360314.058	1213.2751	ng/ml		100
T AR1260 4 #2	10.984	0.0	22794319.978	1180.7062	ng/ml		100
T AR1260 5 #2	11.654	0.0	33785997.393	1204.5277	ng/ml		100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

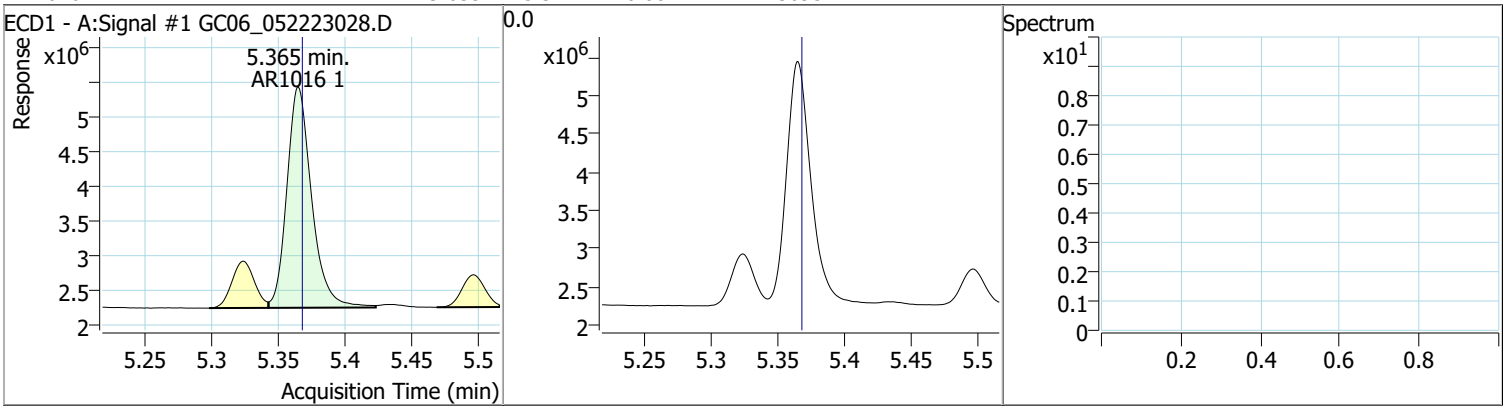
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	102.1110	5.00	0.00	16166896				



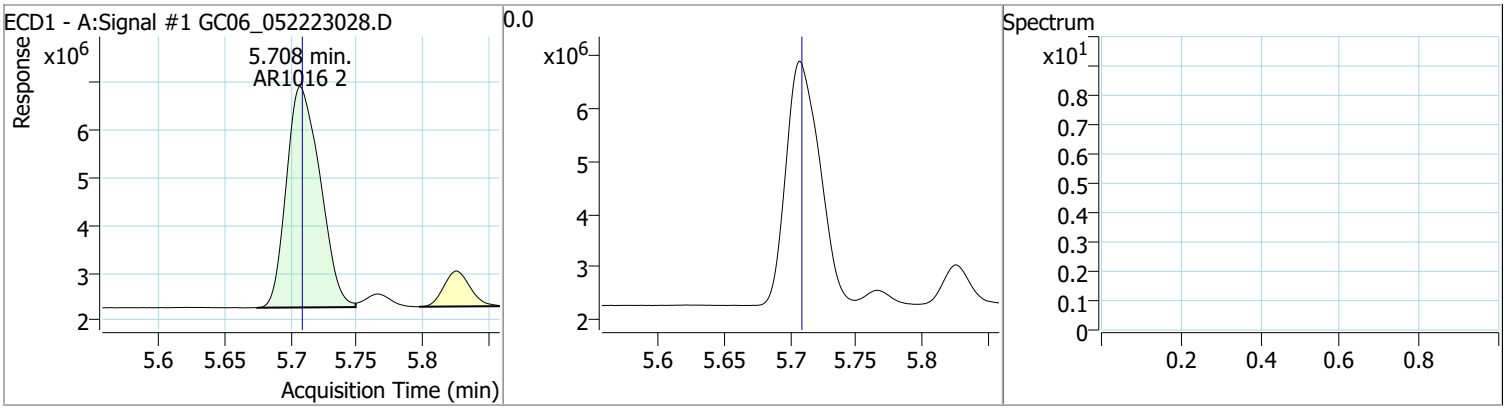
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB) #2	97.4085	5.35	0.00	41424204				



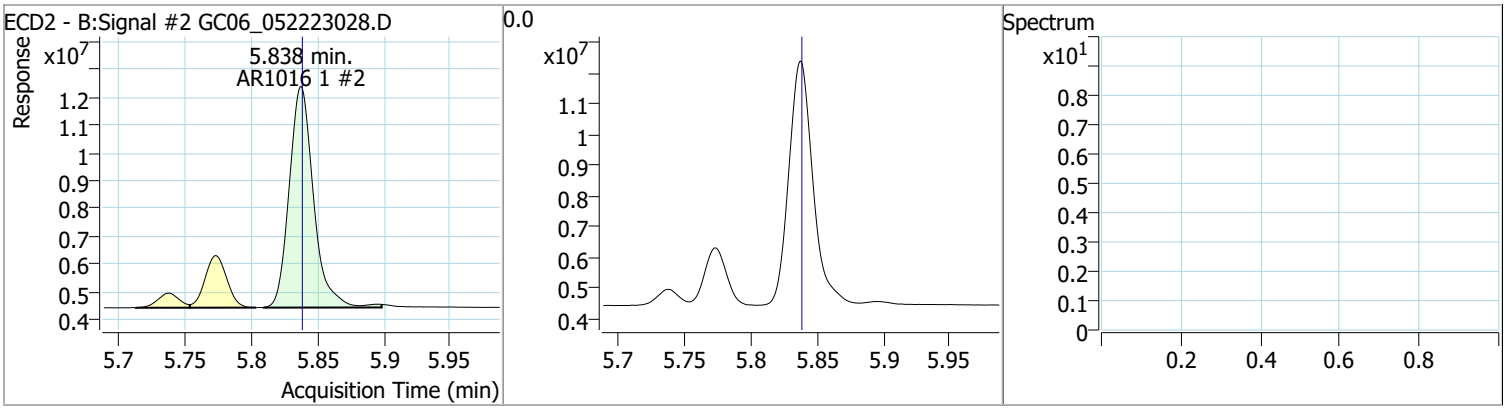
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	1249.6334	5.37	0.00	4130951				



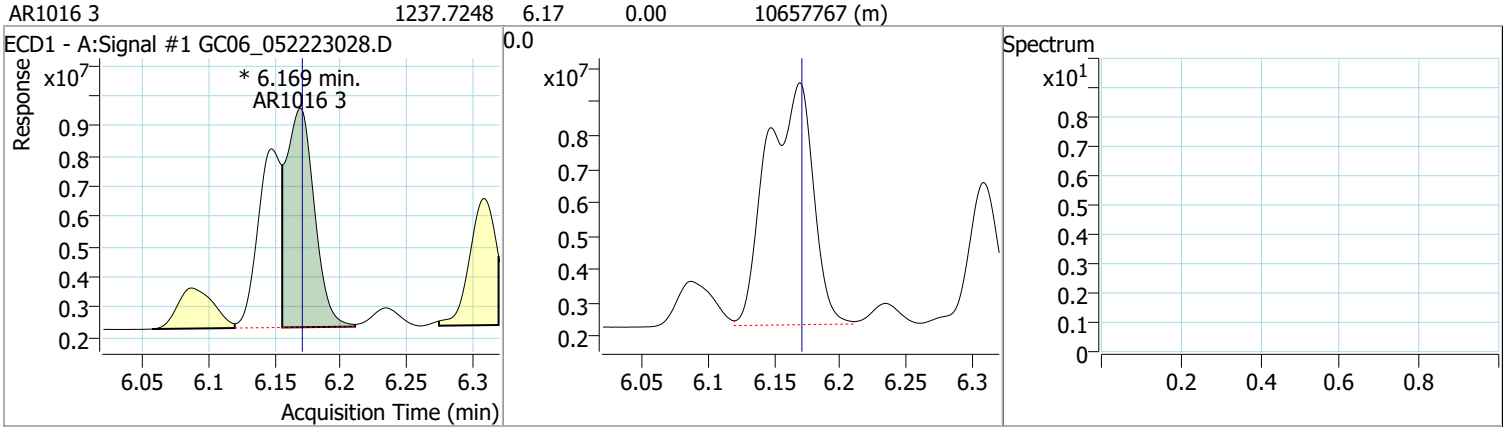
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	1214.1351	5.71	0.00	8196557				



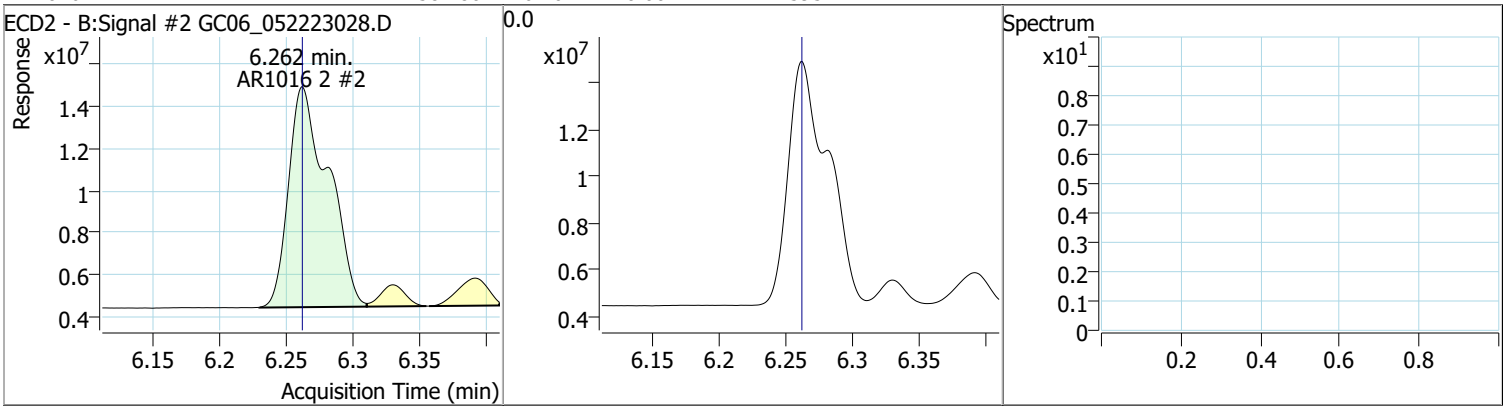
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1 #2	1218.9610	5.84	0.00	10197357				



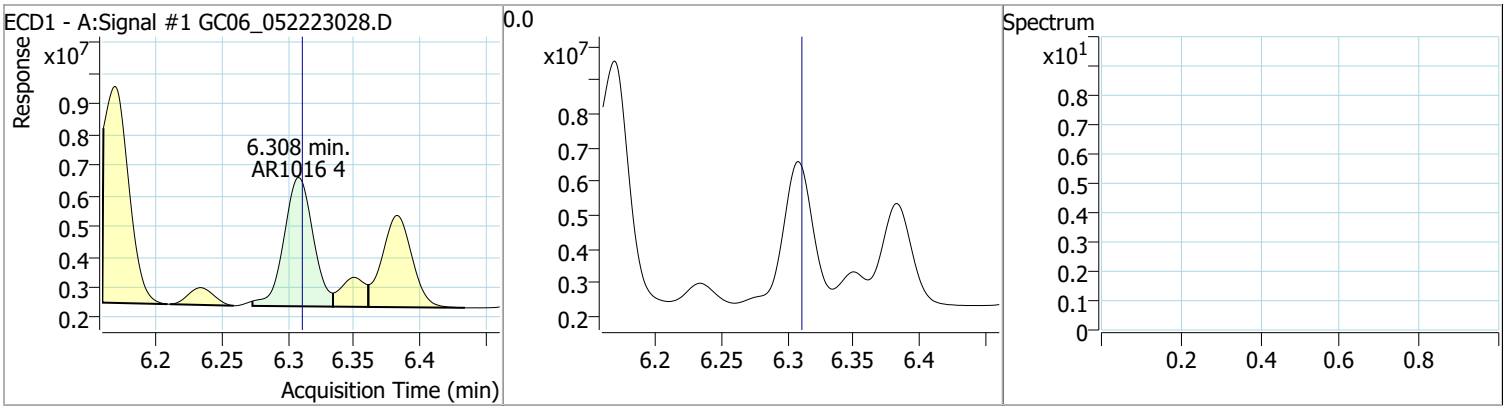
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	1237.7248	6.17	0.00	10657767 (m)				



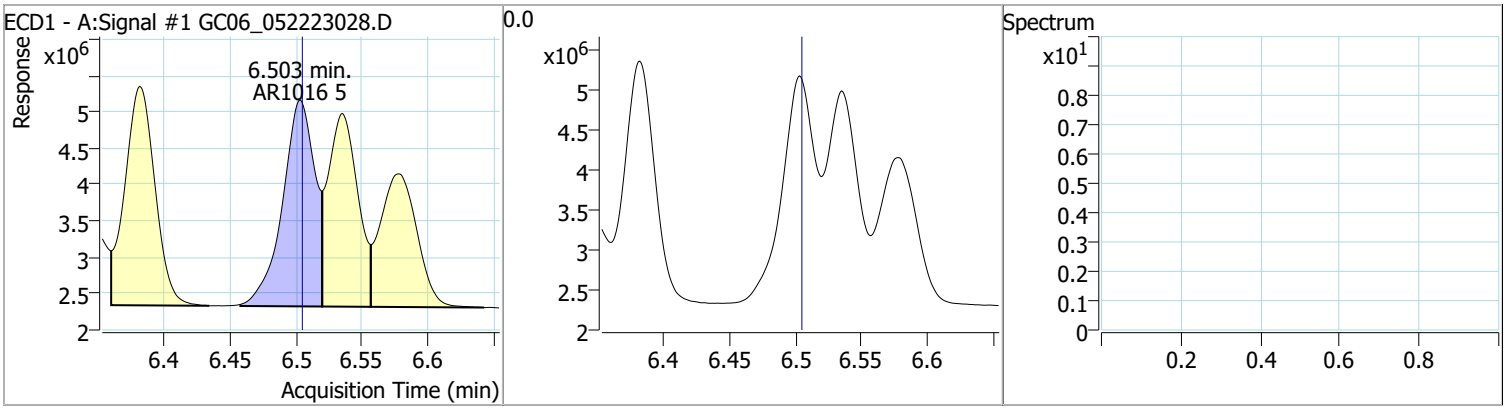
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AR1016 2 #2	1158.7807	6.26	0.00	21759547				



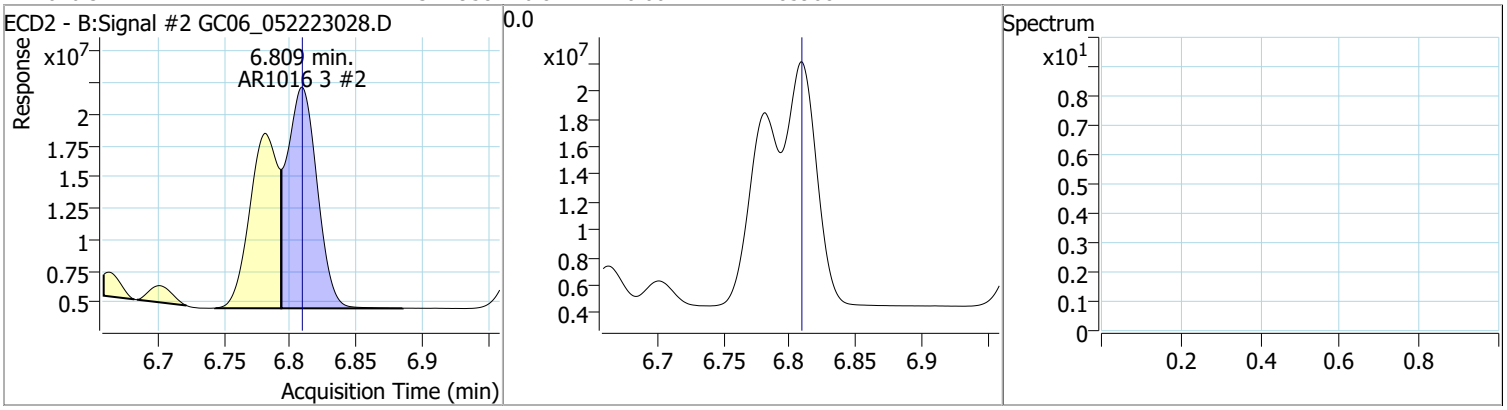
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4	1223.4577	6.31	0.00	6487826				



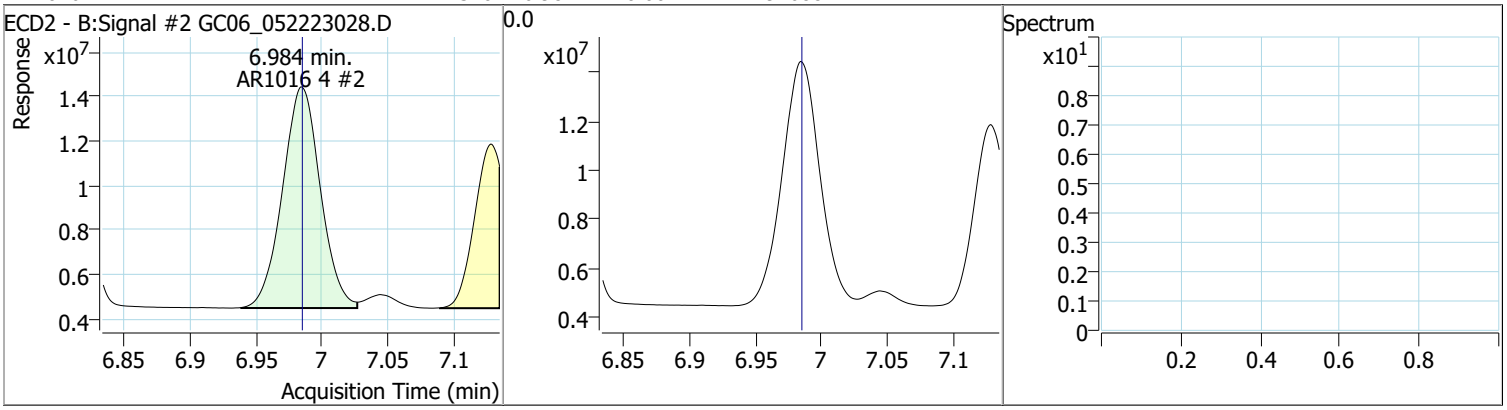
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	1227.5157	6.50	0.00	4831227				



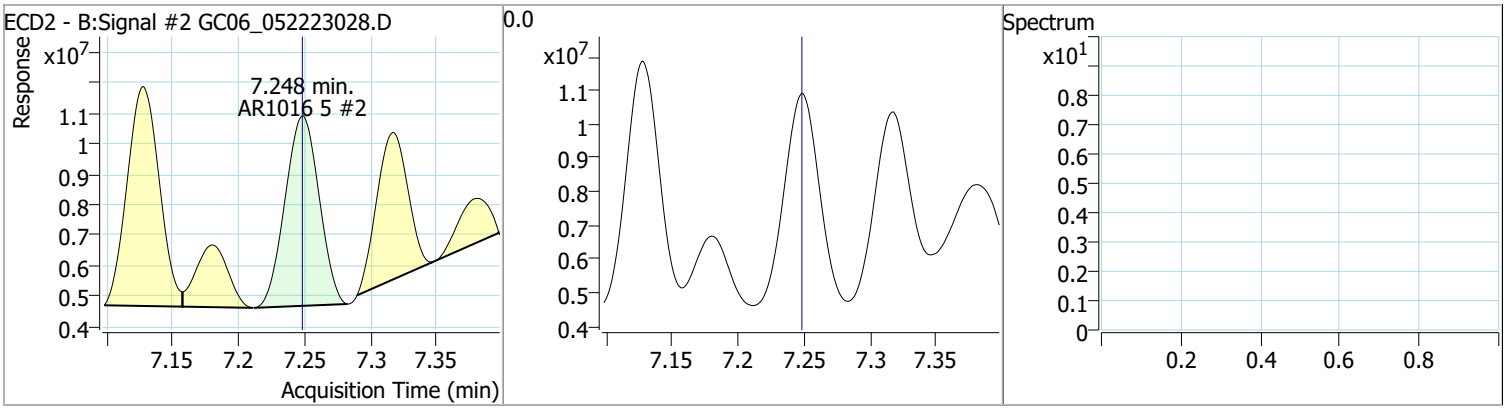
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	1234.2958	6.81	0.00	27859081				



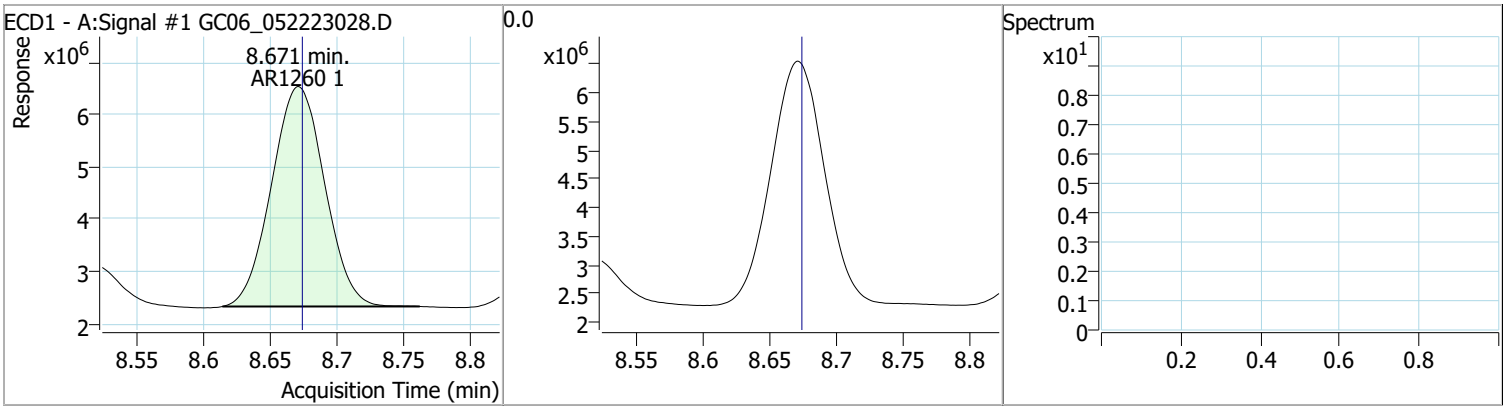
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4 #2	1214.7340	6.98	0.00	19768821				



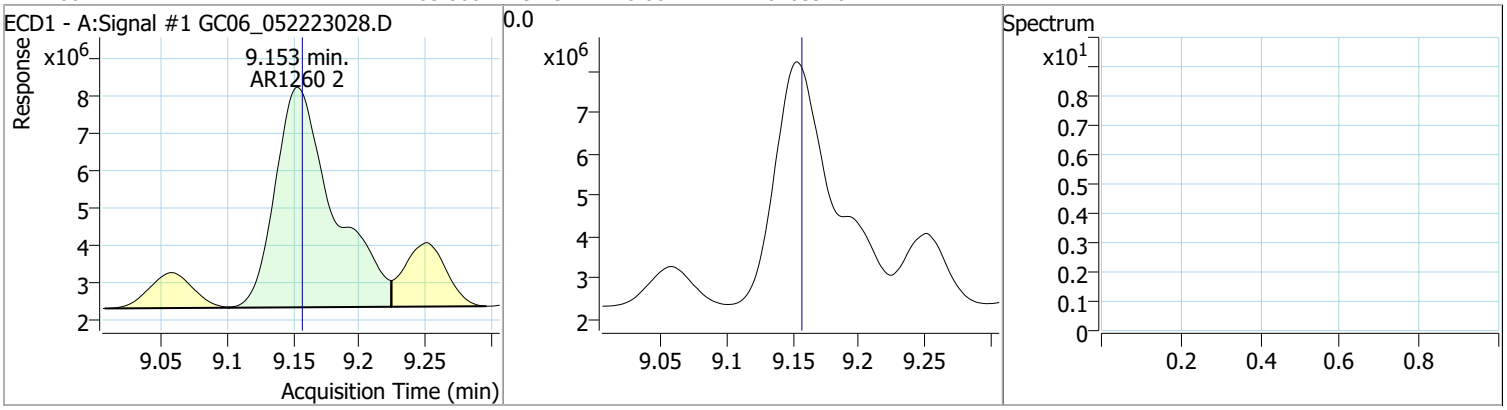
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	1221.6729	7.25	0.00	11131193				



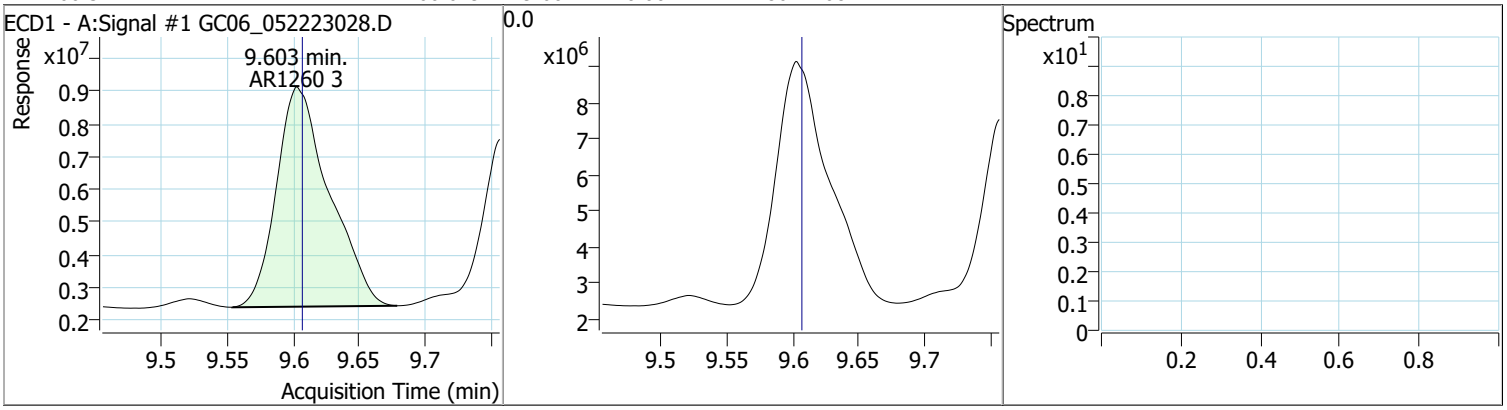
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	1191.5529	8.67	0.00	11760437				



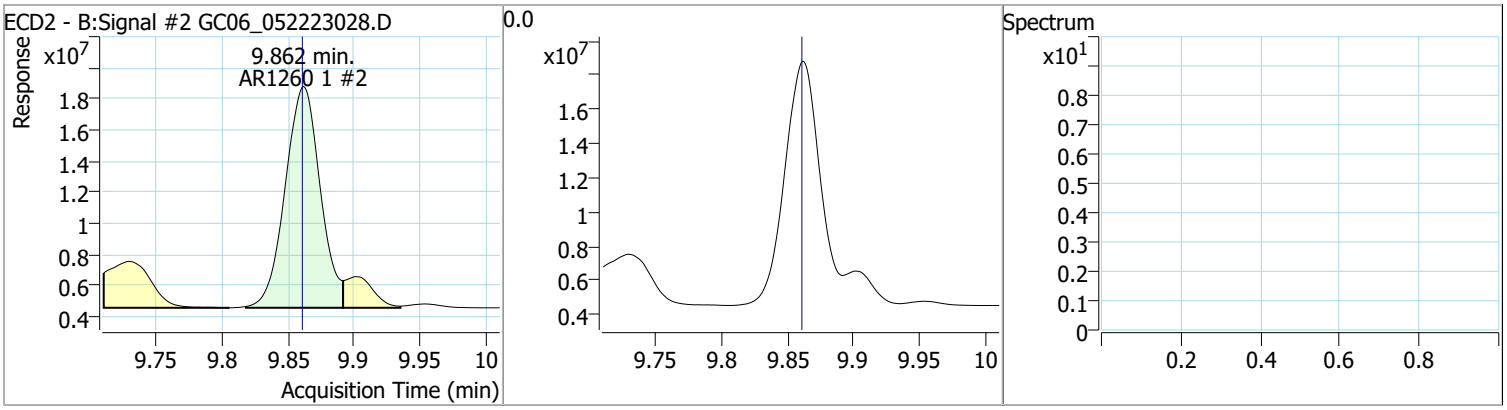
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	1205.8687	9.15	0.00	18103976				



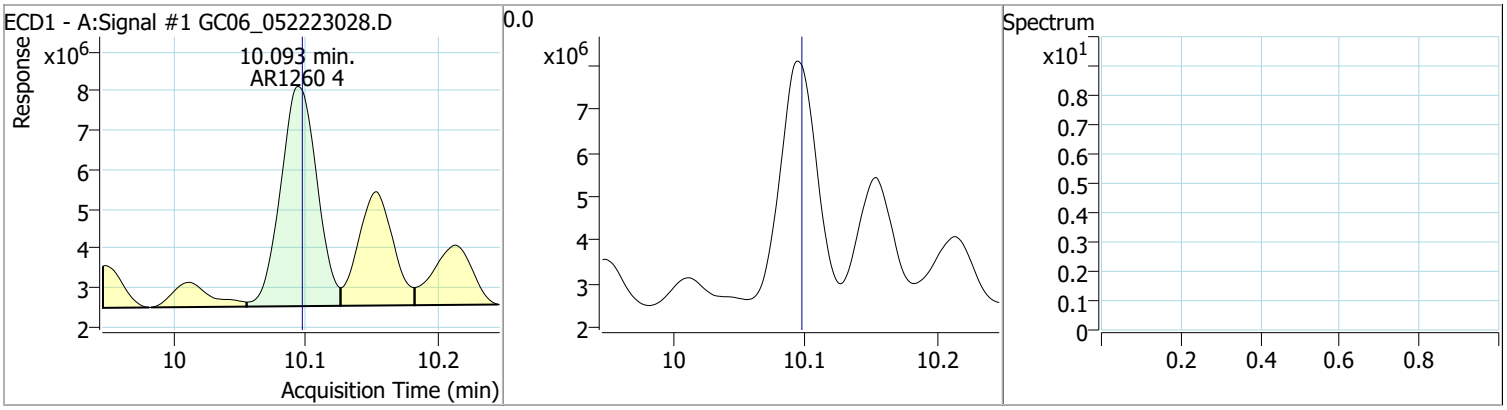
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3	1160.6792	9.60	0.00	18677708				



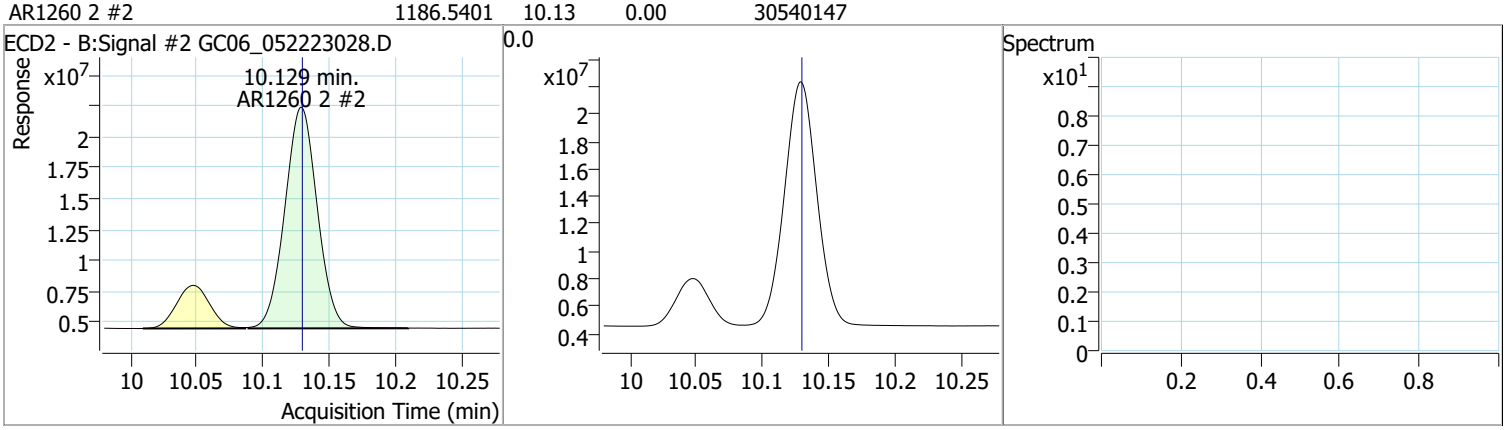
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
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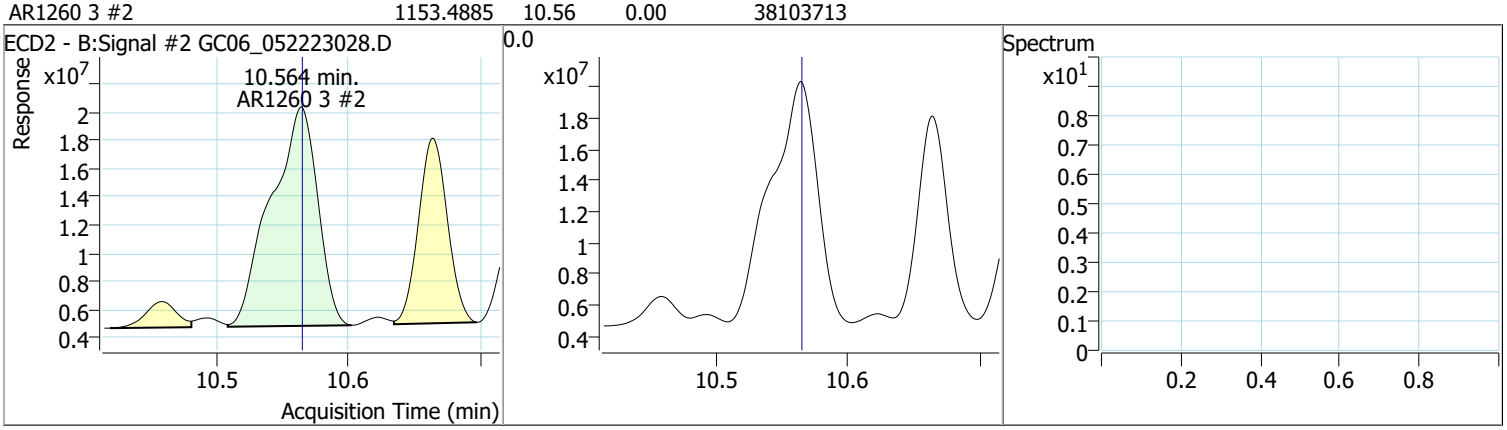
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4	1210.8391	10.09	0.00	10651294				



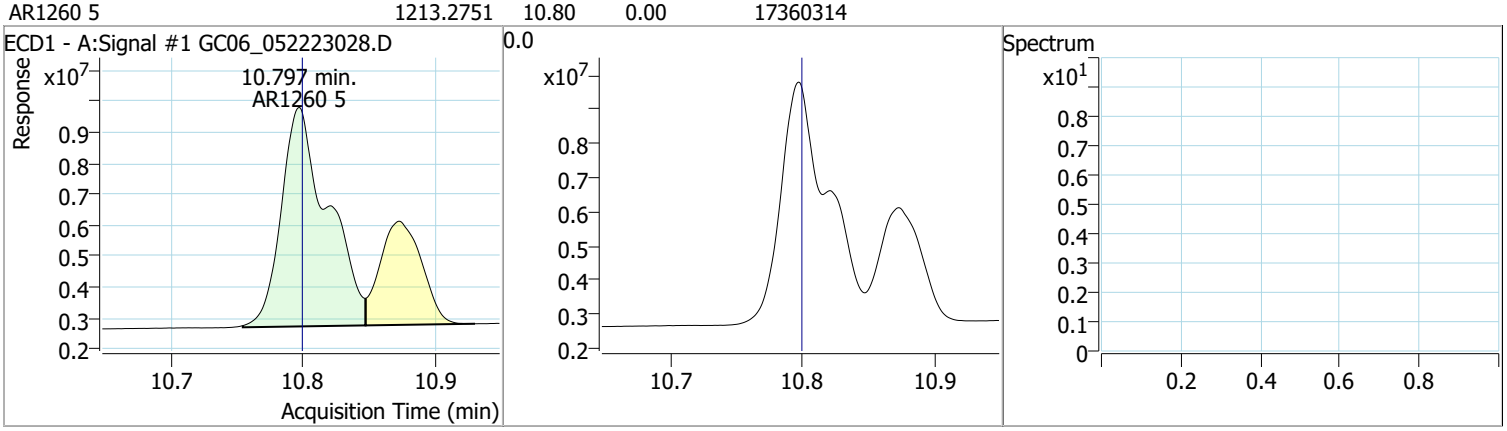
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	1186.5401	10.13	0.00	30540147				



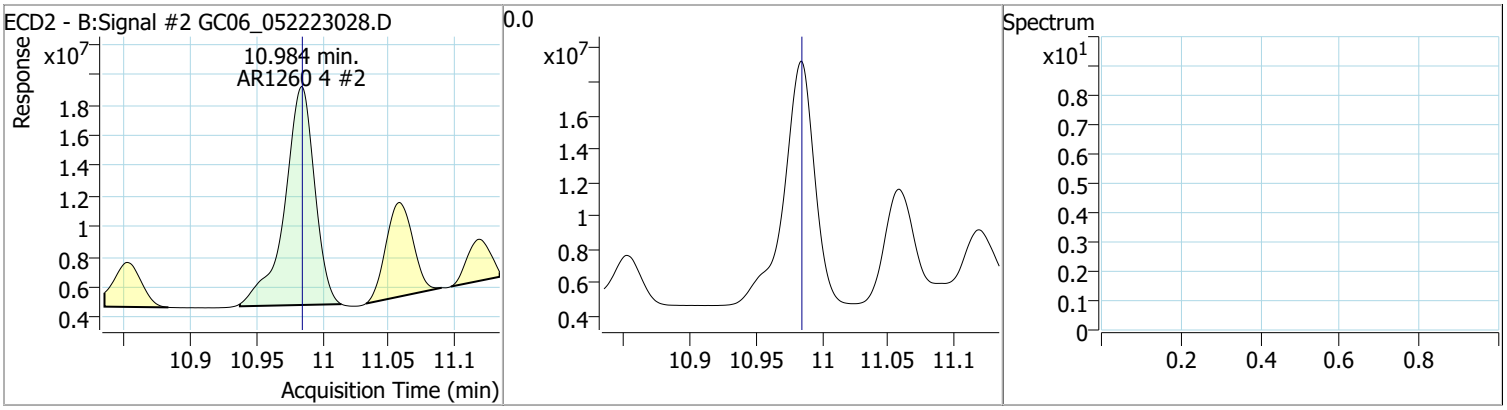
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3 #2	1153.4885	10.56	0.00	38103713				



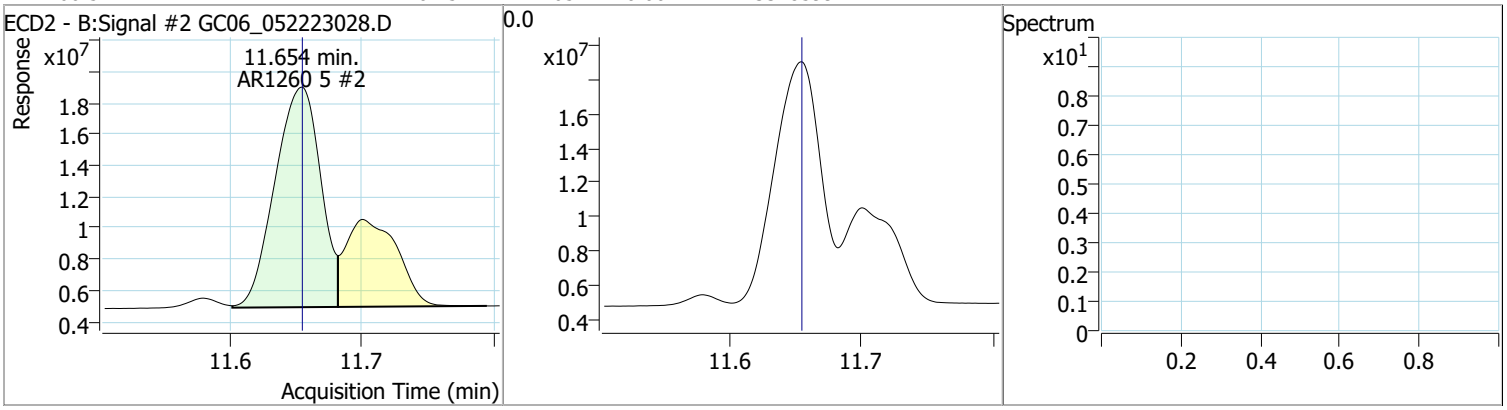
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	1213.2751	10.80	0.00	17360314				



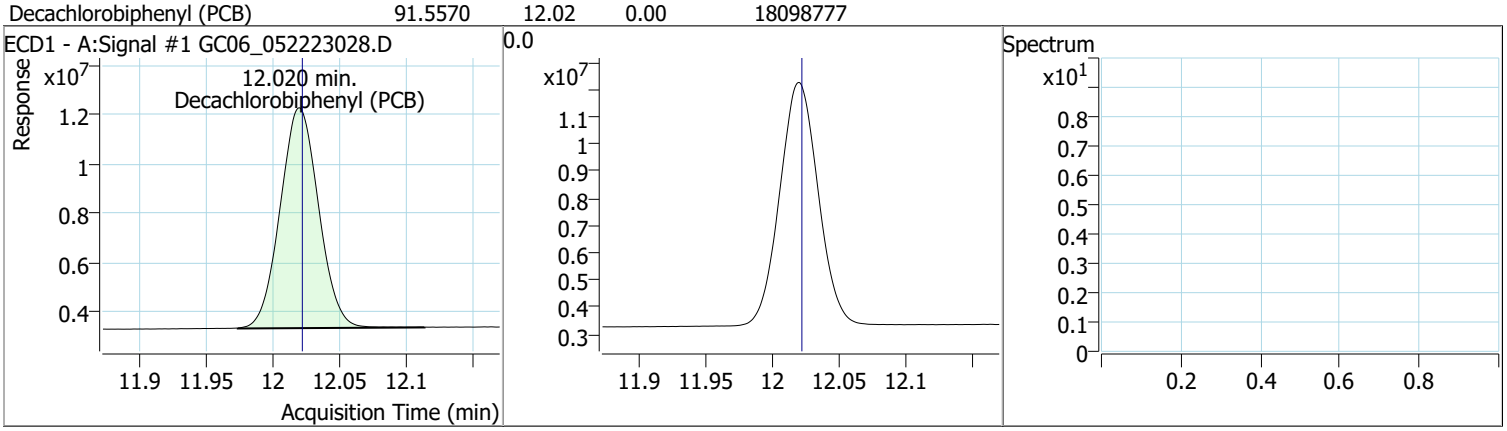
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	1180.7062	10.98	0.00	22794320				



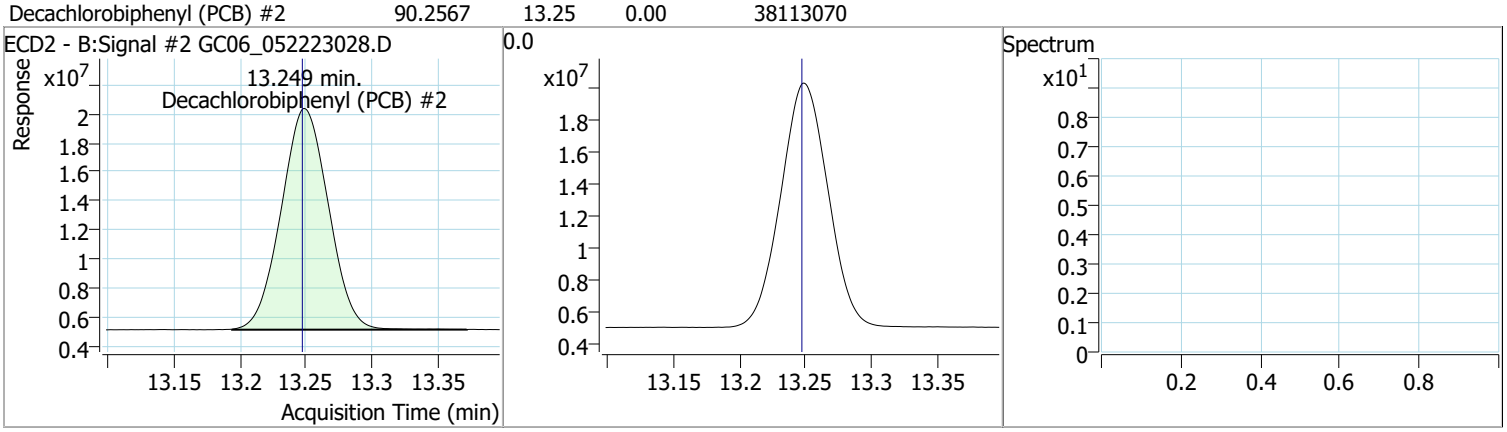
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	1204.5277	11.65	0.00	33785997				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	91.5570	12.02	0.00	18098777				

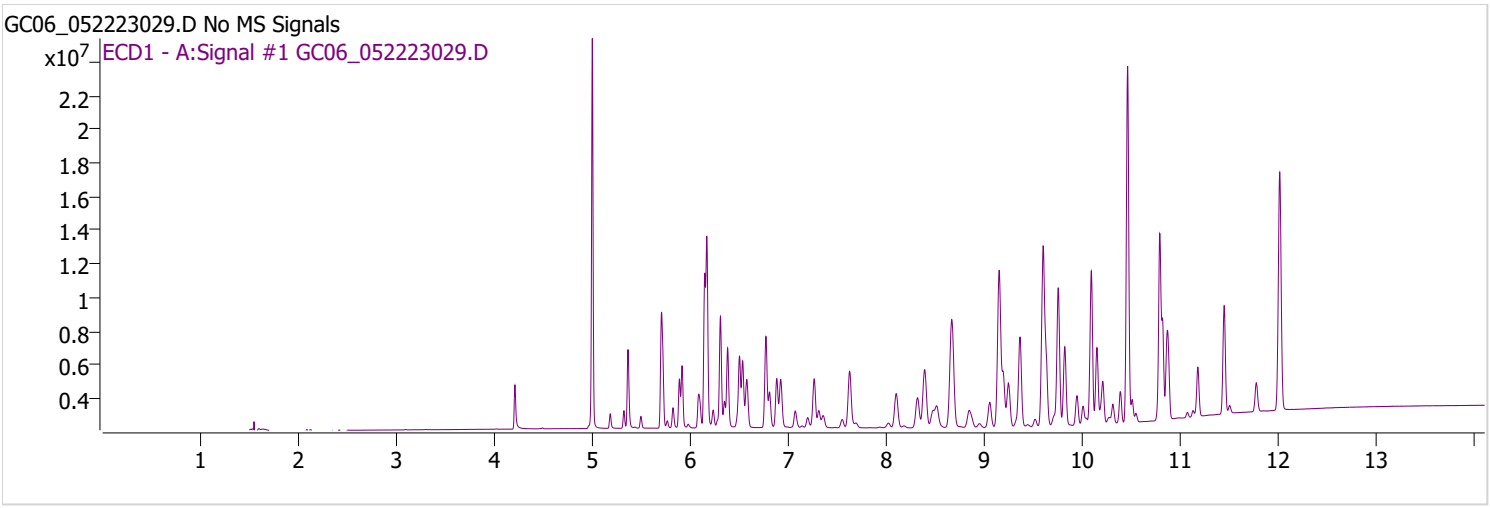


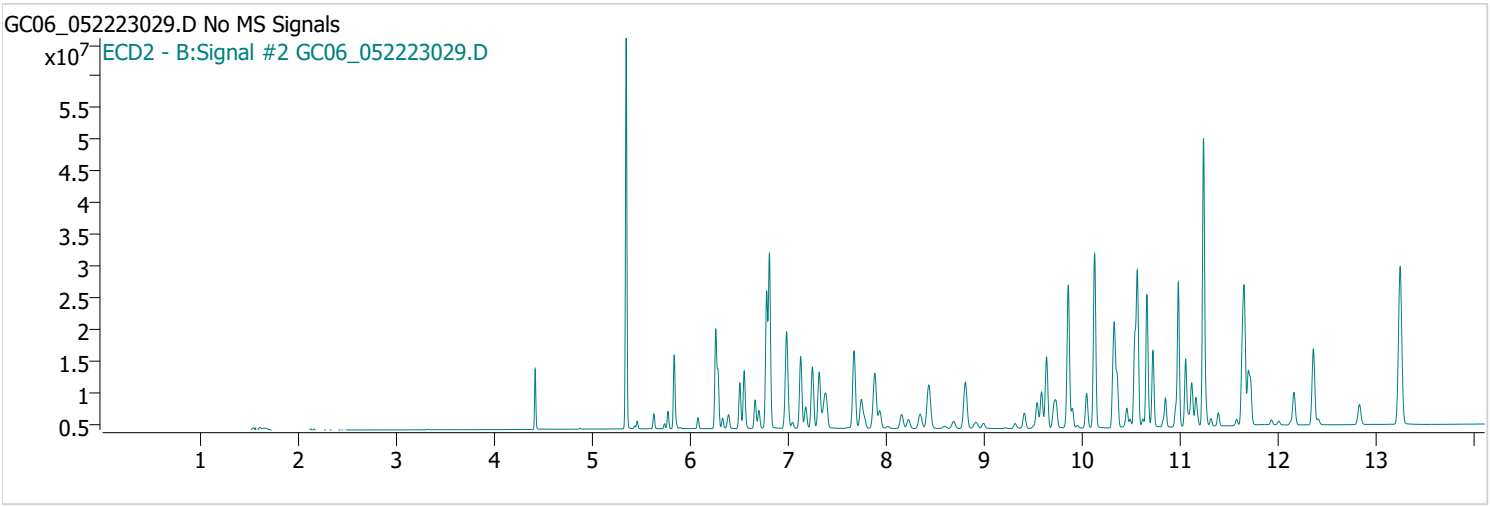
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	90.2567	13.25	0.00	38113070				



Quantitation Results Report (Not Reviewed)

Data File	GC06_052223029.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	5/22/2023 10:51:18 PM
Sample Name	ICAL, S18188	Instrument	SVOA-GC06
Vial	20	Multiplier	1.00
DA Method File	PCB_608_052223_GC06_1.m	Comment	
Tune File	ATUNE.U	Tune Date	
Batch Name	052223PCBICAL.batch.bin	Last Calib Update	5/23/2023 1:35:07 PM
Ref Library			



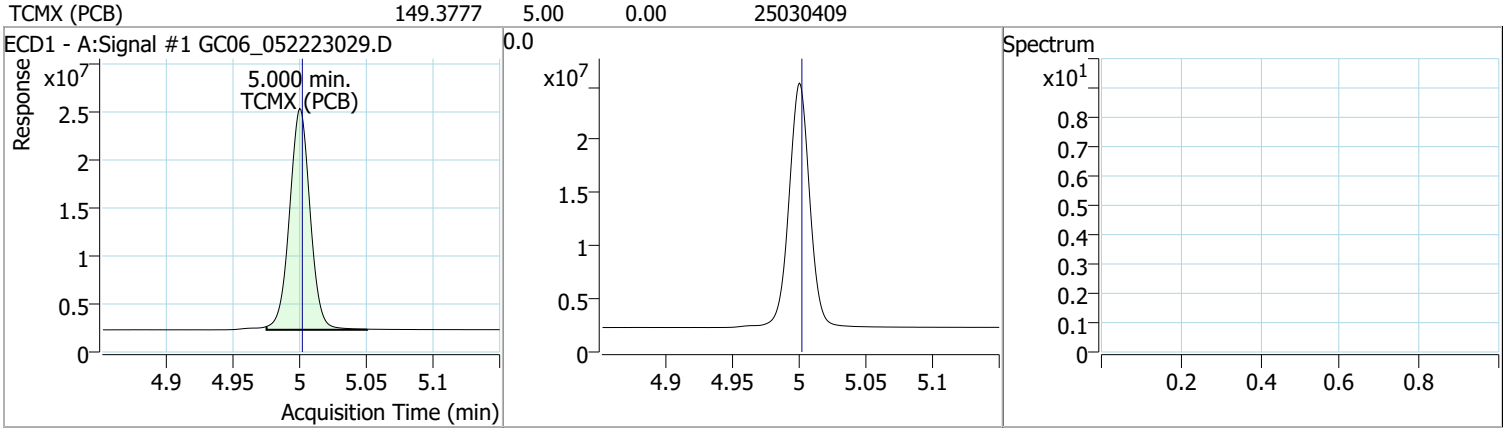


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1-bromo-2-nitrobenzene (PCB)	4.210	0.0	3160953.522	20.0000	ng/ml		0.000
M 1-bromo-2-nitrobenzene (PCB) #2	4.417	0.0	8708626.250	20.0000	ng/ml		-0.001
System Monitoring Compounds							
S TCMX (PCB)	5.000	0.0	25030409.175	149.3777	ng/ml		-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 746.89%		*	
S TCMX (PCB) #2	5.346	0.0	64295492.109	139.5813	ng/ml		-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 697.91%		*	
S Decachlorobiphenyl (PCB)	12.019	0.0	28685981.809	137.1148	ng/ml		-0.002
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 685.57%		*	
S Decachlorobiphenyl (PCB) #2	13.248	0.0	59749651.364	130.6306	ng/ml		0.000
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 653.15%		*	
Target Compounds							QValue

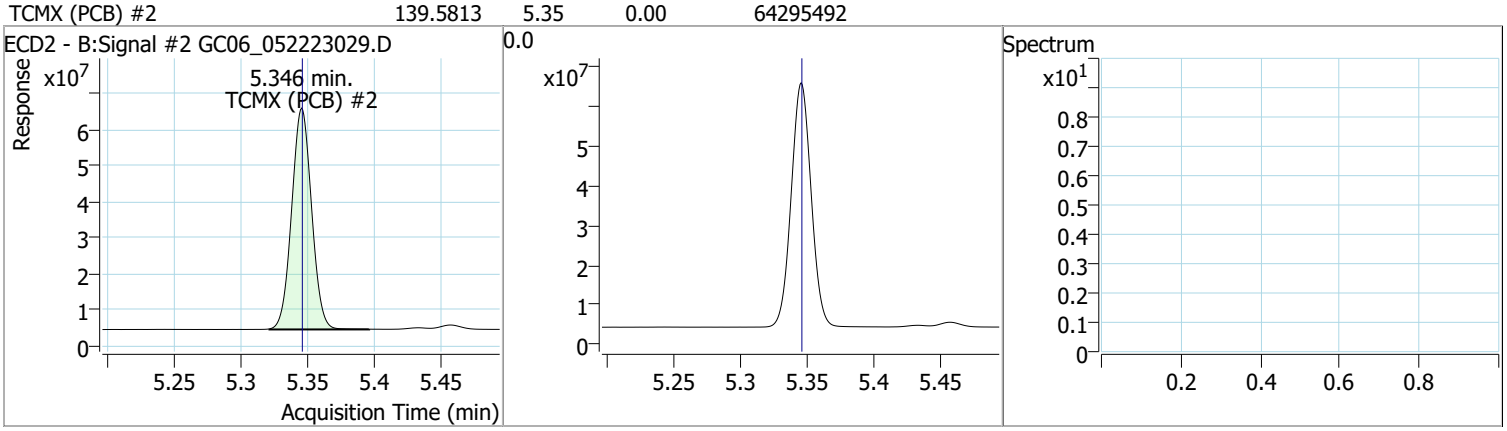
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T AR1016 1	5.364	0.0	6111222.294	1746.7582	ng/ml		100
T AR1016 2	5.707	0.0	12227855.091	1711.4256	ng/ml		100
T AR1016 1 #2	5.837	0.0	15232880.432	1681.0803	ng/ml		100
T AR1016 3	6.169	0.0	15869224.276	1741.3487	ng/ml	m	100
T AR1016 2 #2	6.261	0.0	32724417.412	1608.8944	ng/ml		100
T AR1016 4	6.308	0.0	9777963.894	1742.2497	ng/ml		100
T AR1016 5	6.503	0.0	7149301.582	1716.3481	ng/ml		100
T AR1016 3 #2	6.808	0.0	43067076.509	1761.5789	ng/ml		100
T AR1016 4 #2	6.984	0.0	30031294.720	1703.6435	ng/ml		100
T AR1016 5 #2	7.248	0.0	16814382.625	1703.7207	ng/ml		100
T AR1260 1	8.670	0.0	18234205.612	1745.6166	ng/ml		100
T AR1260 2	9.154	0.0	27664782.787	1741.1071	ng/ml		100
T AR1260 3	9.603	0.0	29097860.552	1708.5270	ng/ml		100
T AR1260 1 #2	9.860	0.0	40763768.158	1652.5597	ng/ml		100
T AR1260 4	10.095	0.0	16560328.527	1778.7921	ng/ml		100
T AR1260 2 #2	10.129	0.0	47655773.797	1709.3504	ng/ml		100
T AR1260 3 #2	10.564	0.0	59893964.610	1673.9145	ng/ml		100
T AR1260 5	10.794	0.0	27496413.534	1815.7244	ng/ml	m	100
T AR1260 4 #2	10.983	0.0	35335043.954	1689.7602	ng/ml		100
T AR1260 5 #2	11.653	0.0	53682827.720	1766.9314	ng/ml		100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

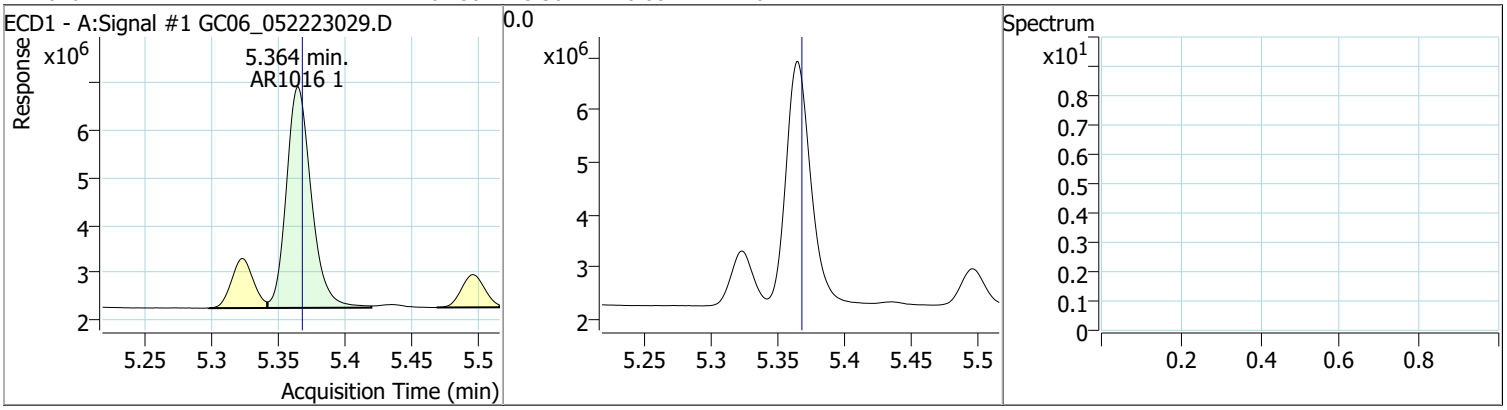
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	149.3777	5.00	0.00	25030409				



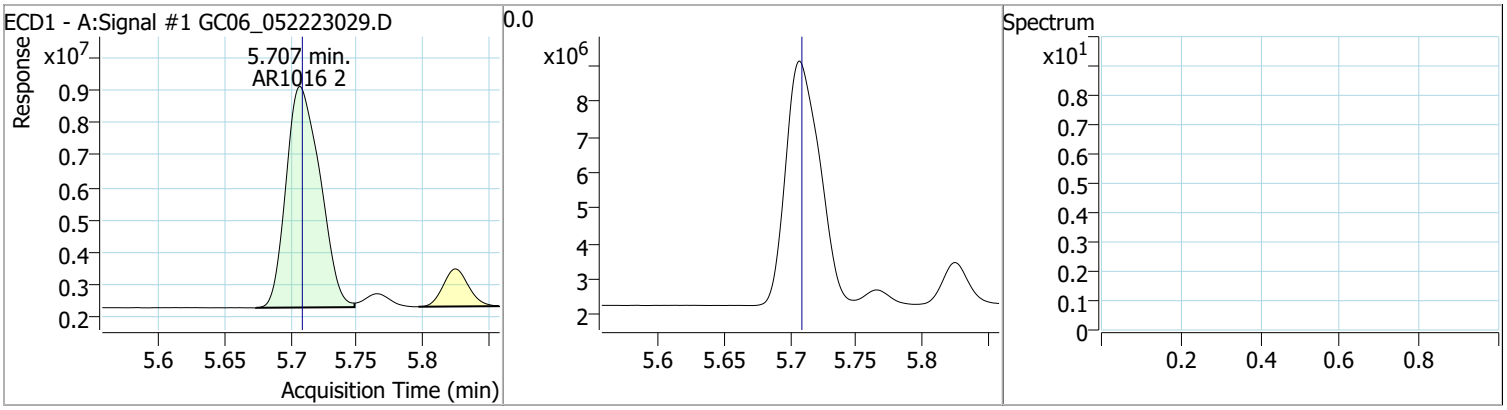
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB) #2	139.5813	5.35	0.00	64295492				



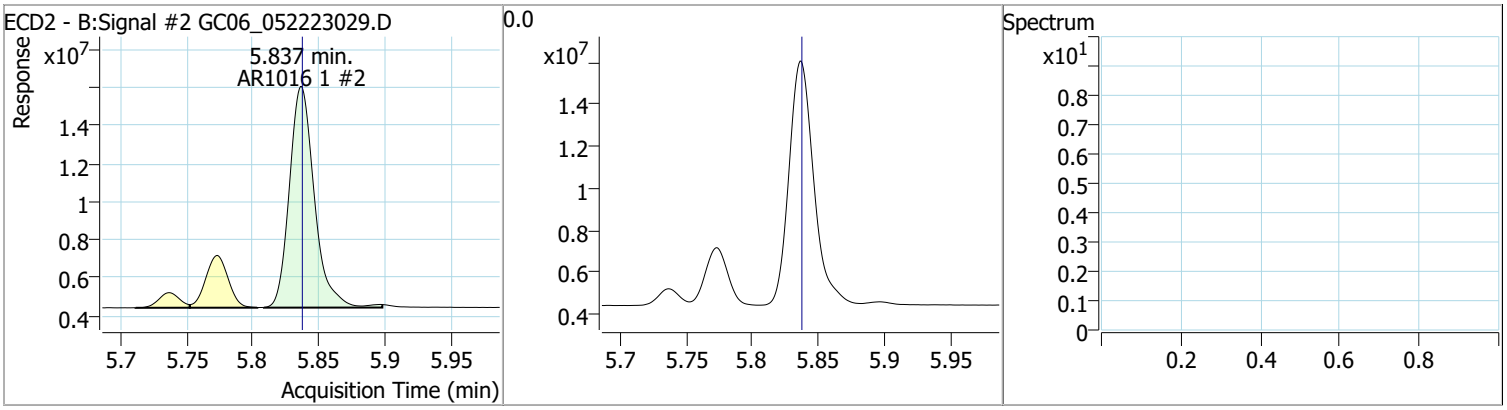
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	1746.7582	5.36	0.00	6111222				



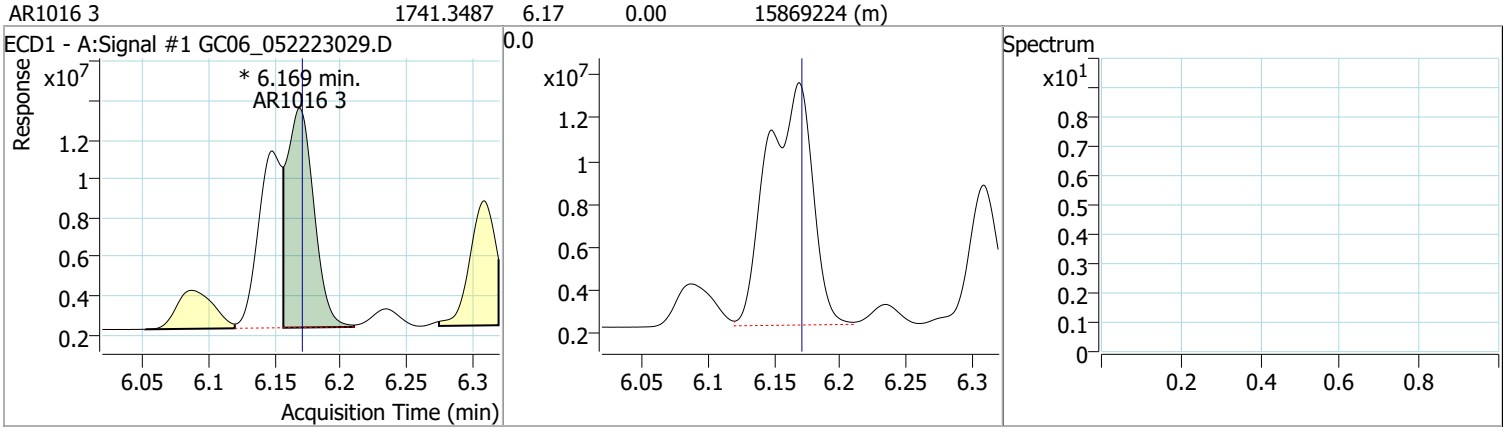
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	1711.4256	5.71	0.00	12227855				



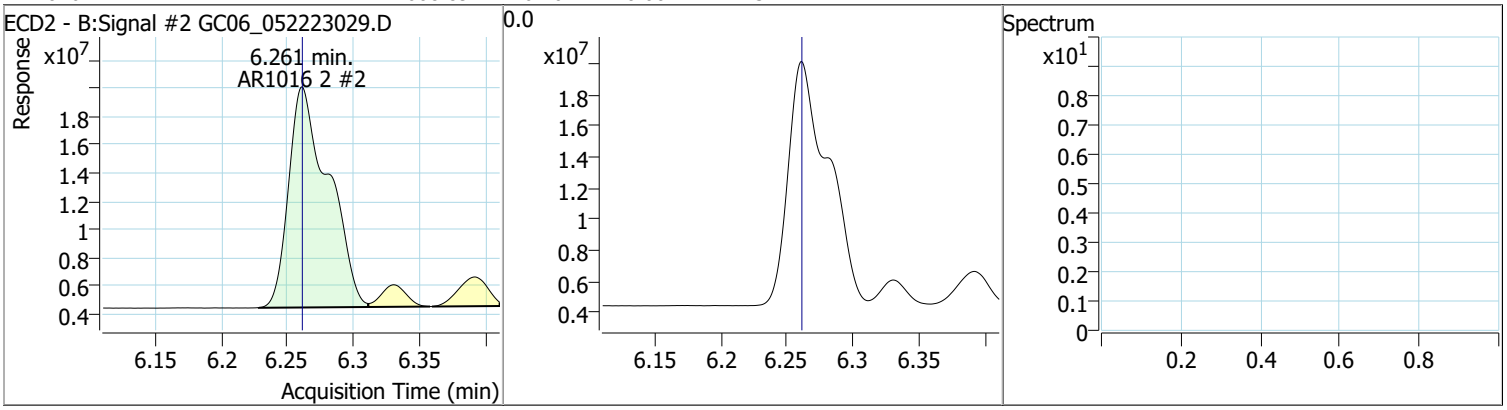
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1 #2	1681.0803	5.84	0.00	15232880				



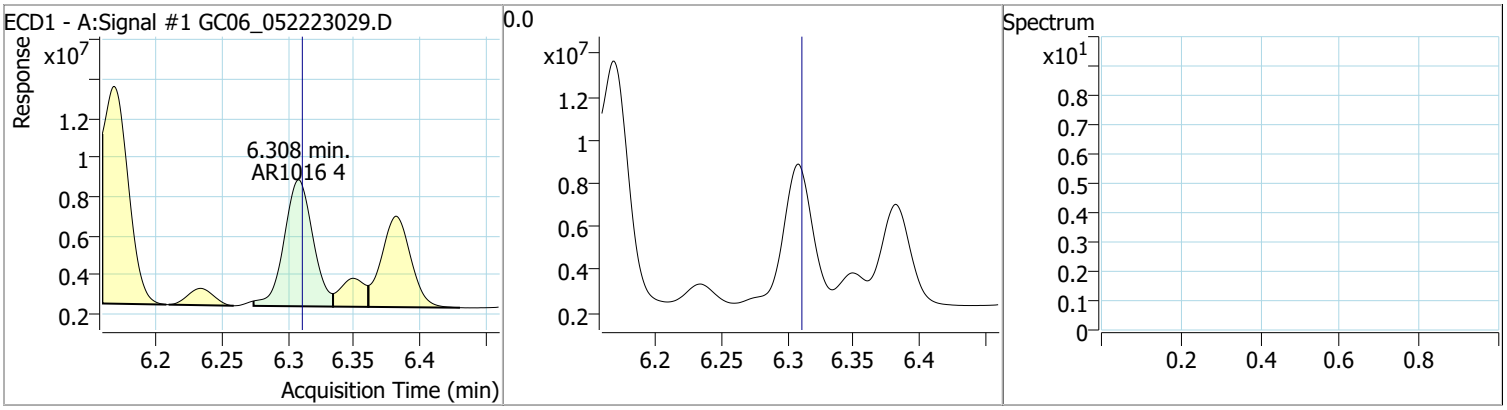
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	1741.3487	6.17	0.00	15869224 (m)				



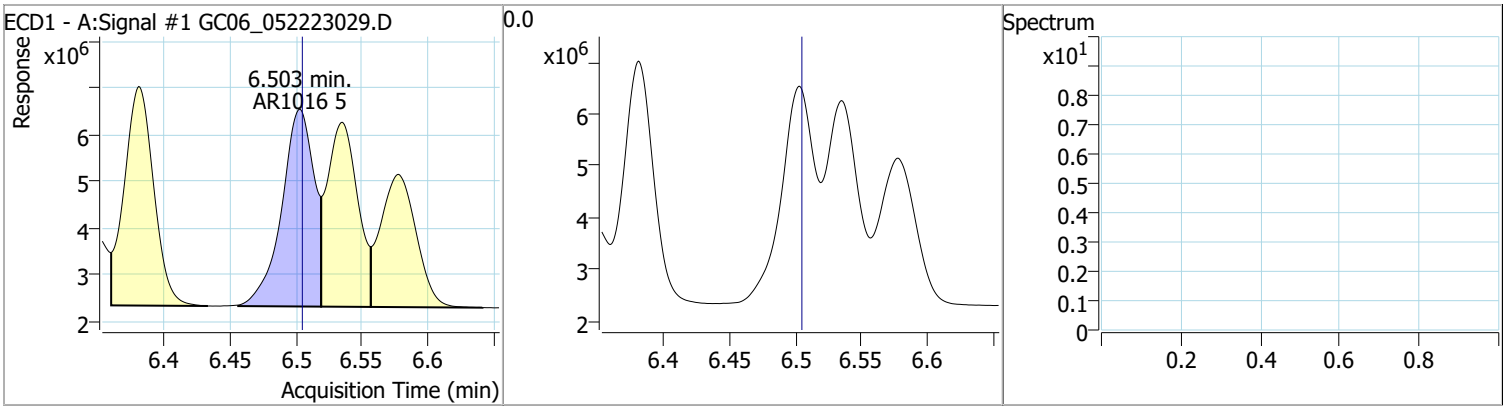
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	1608.8944	6.26	0.00	32724417				



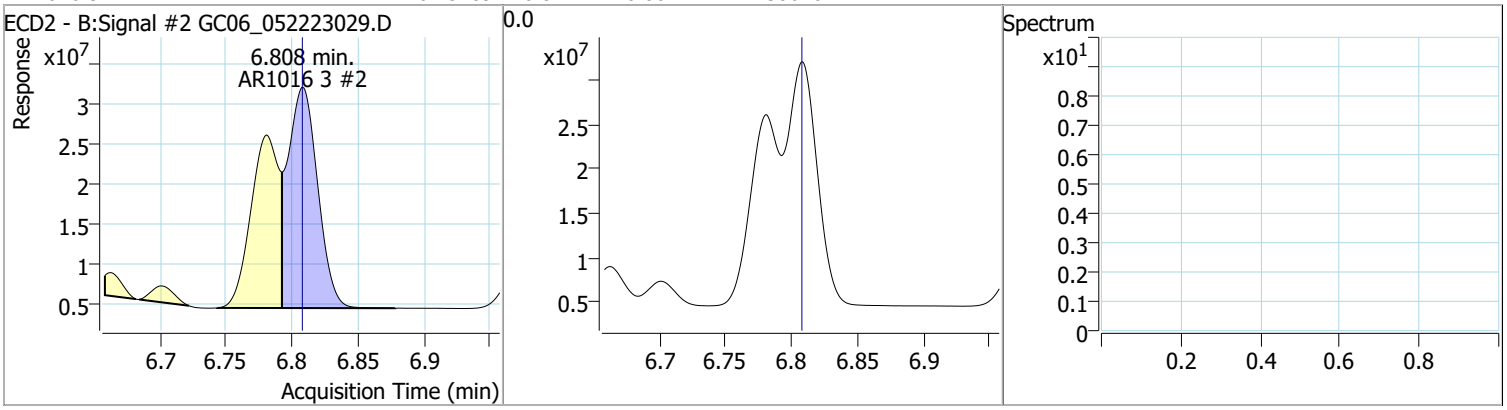
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4	1742.2497	6.31	0.00	9777964				



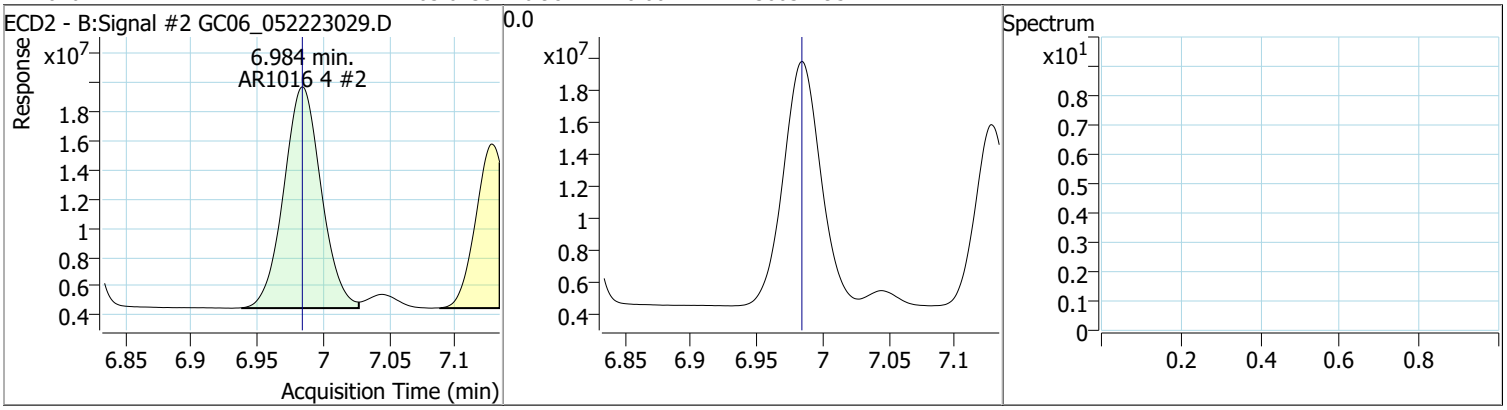
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	1716.3481	6.50	0.00	7149302				



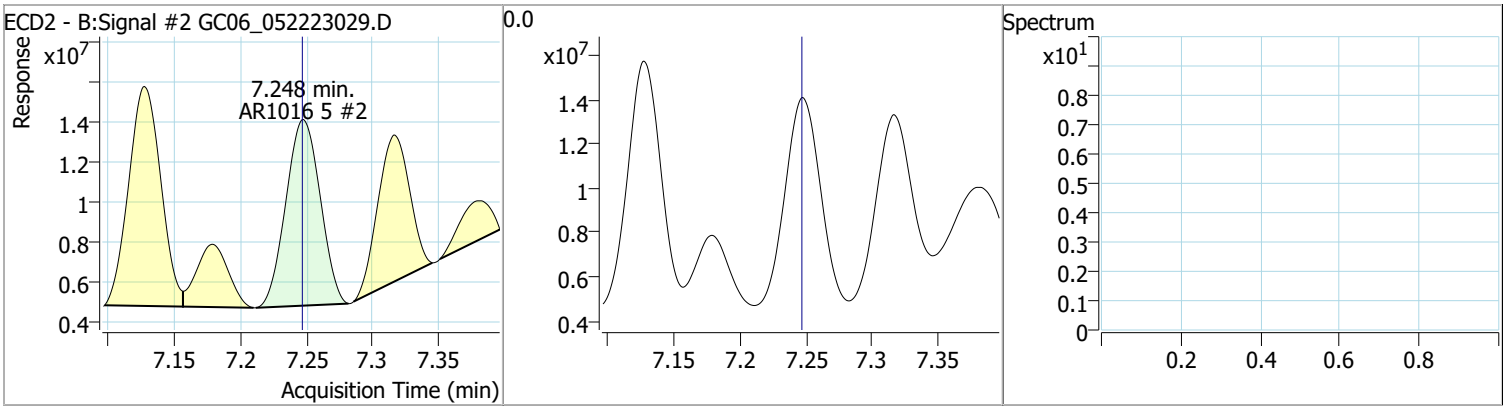
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	1761.5789	6.81	0.00	43067077				



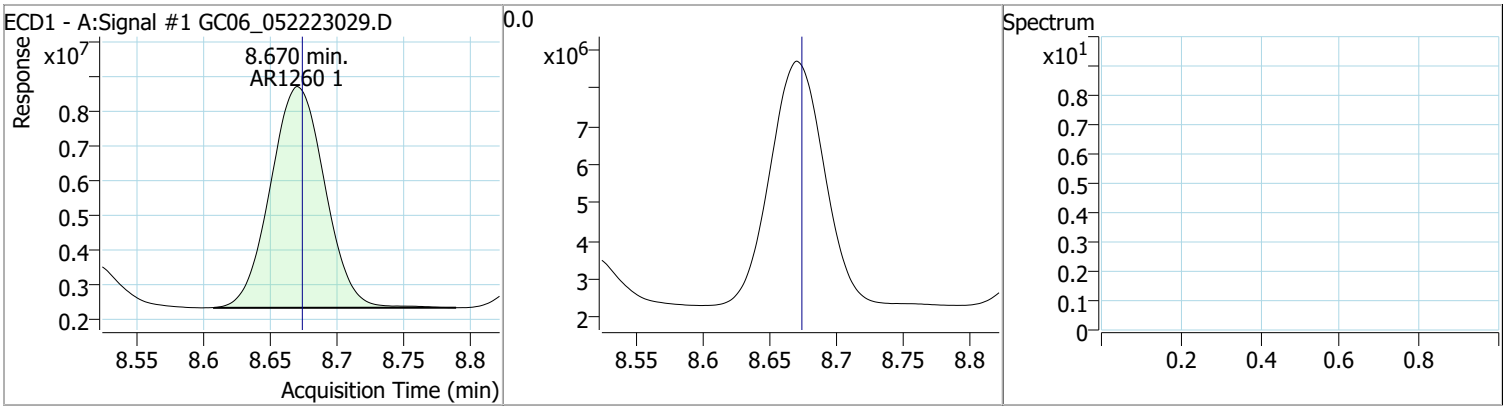
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4 #2	1703.6435	6.98	0.00	30031295				



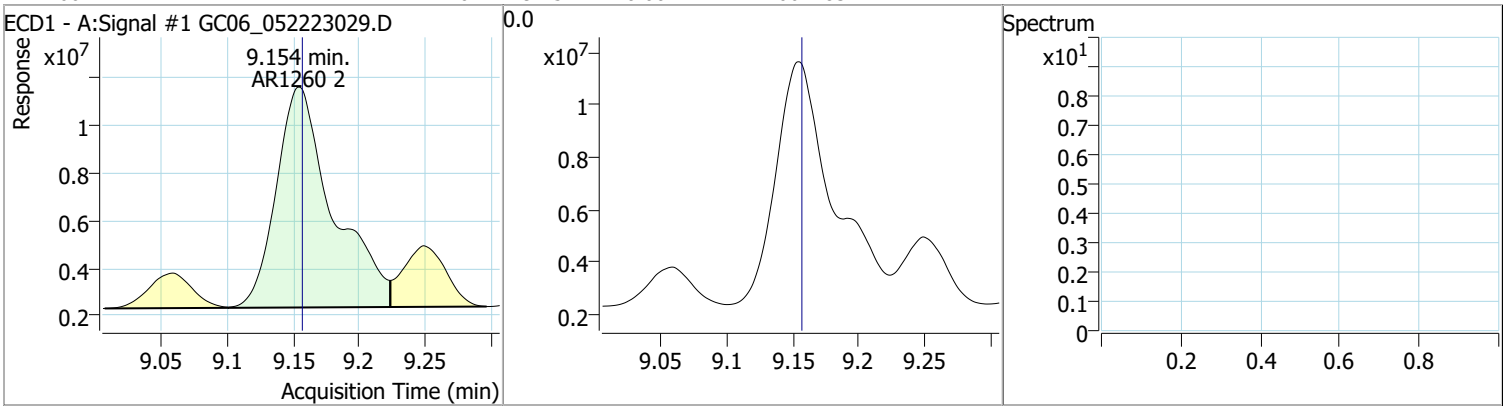
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	1703.7207	7.25	0.00	16814383				



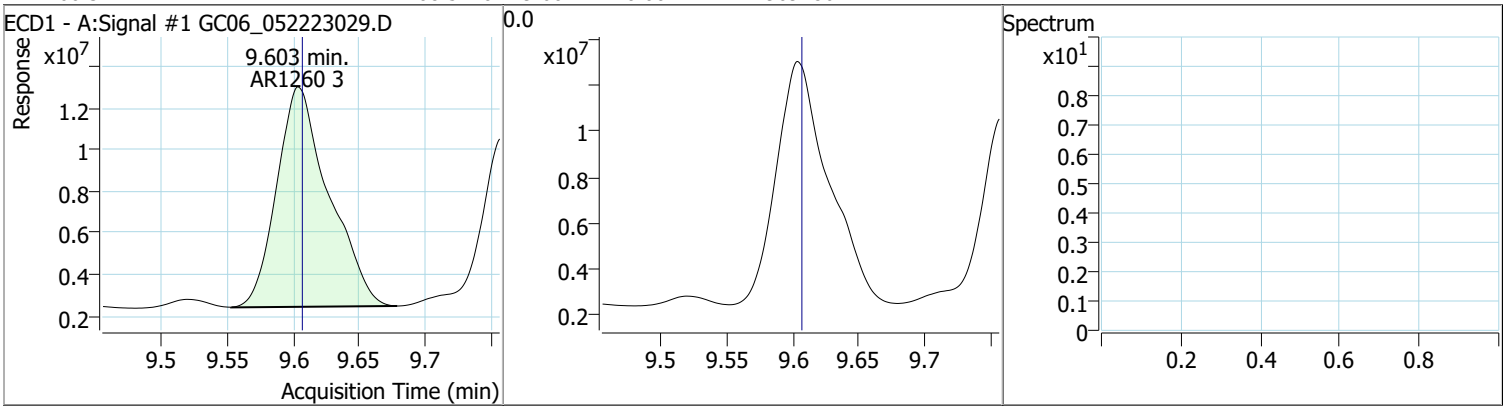
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	1745.6166	8.67	0.00	18234206				



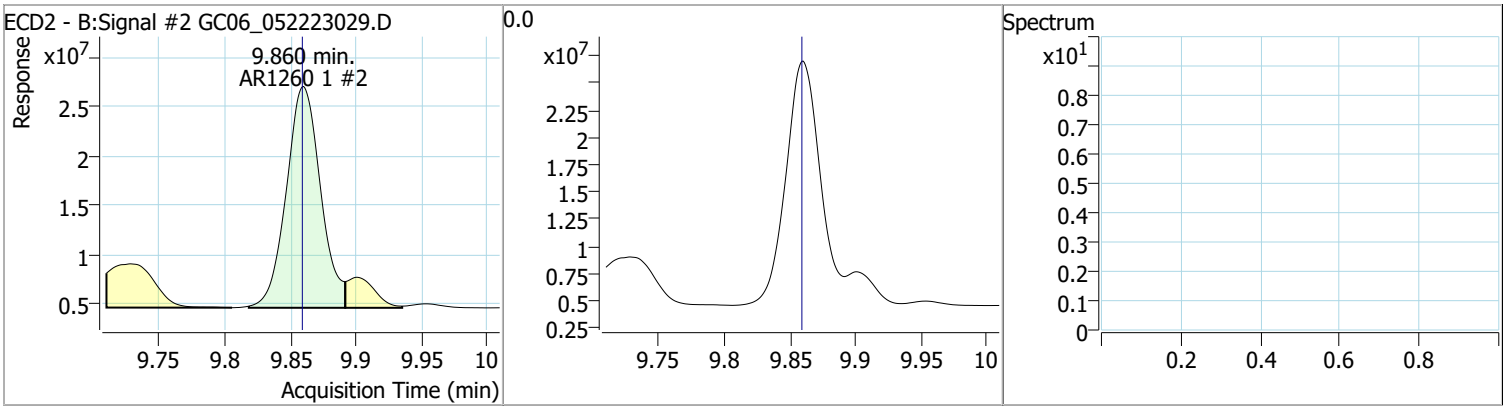
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	1741.1071	9.15	0.00	27664783				



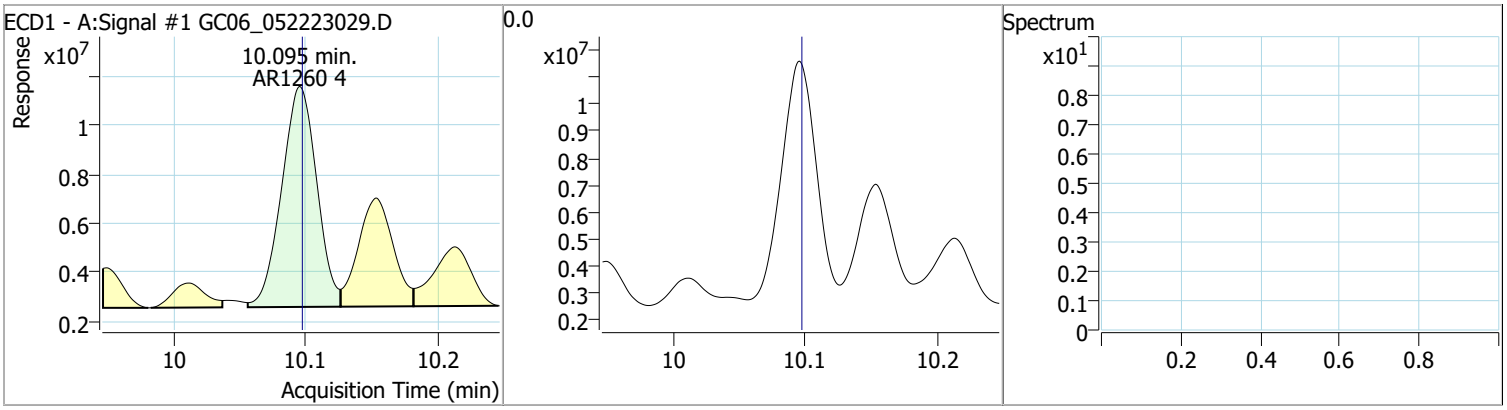
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3	1708.5270	9.60	0.00	29097861				



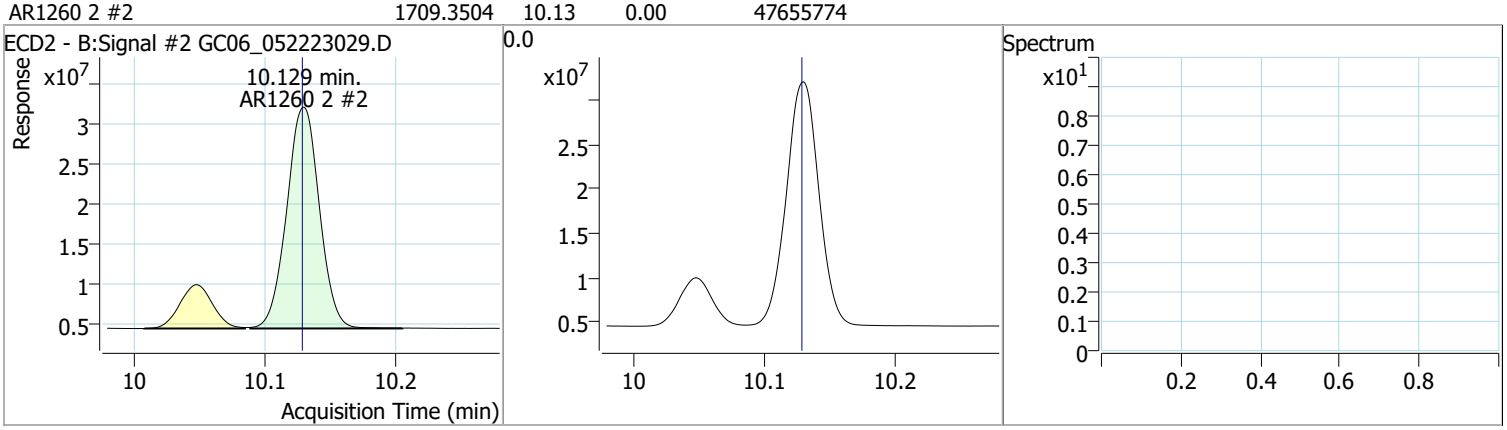
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1 #2	1652.5597	9.86	0.00	40763768				



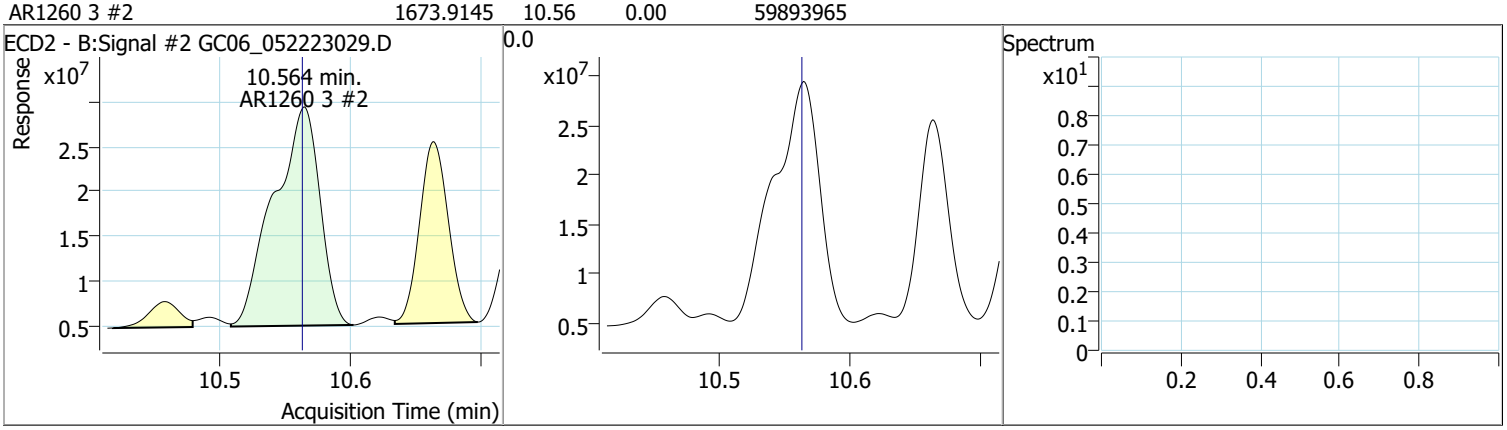
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4	1778.7921	10.10	0.00	16560329				



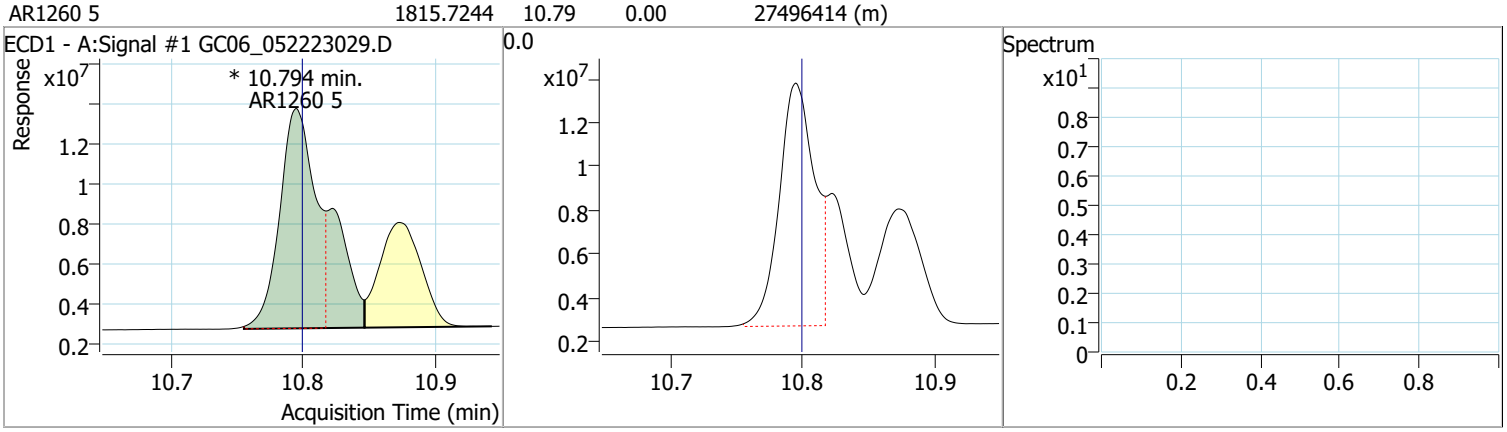
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	1709.3504	10.13	0.00	47655774				



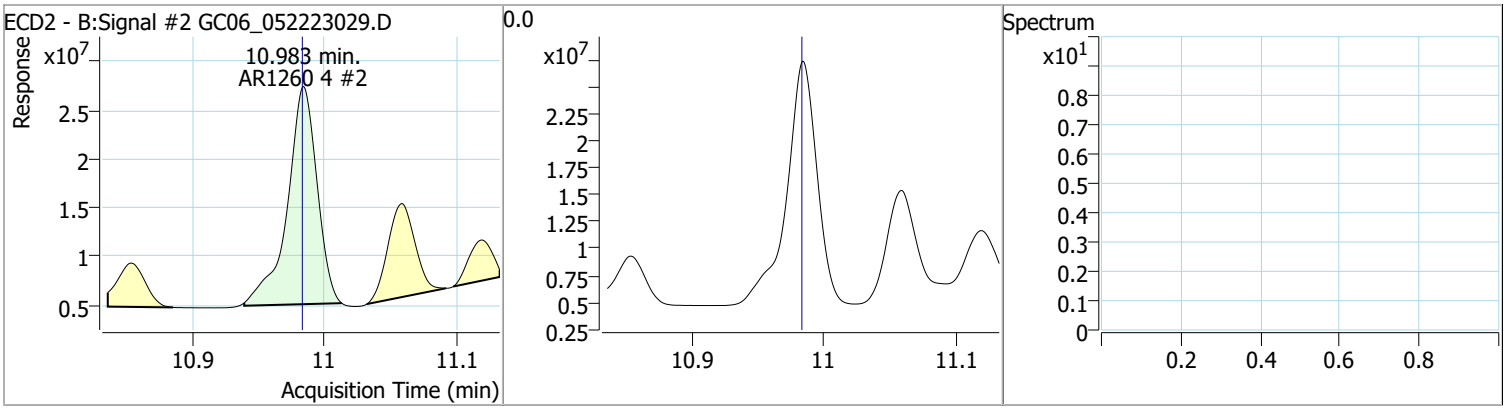
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3 #2	1673.9145	10.56	0.00	59893965				



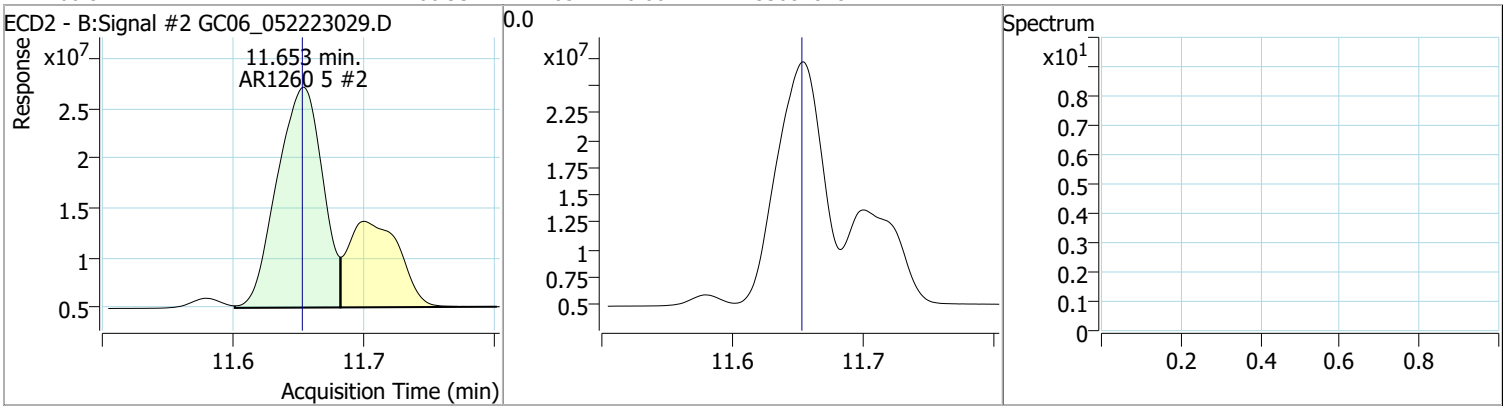
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	1815.7244	10.79	0.00	27496414 (m)				



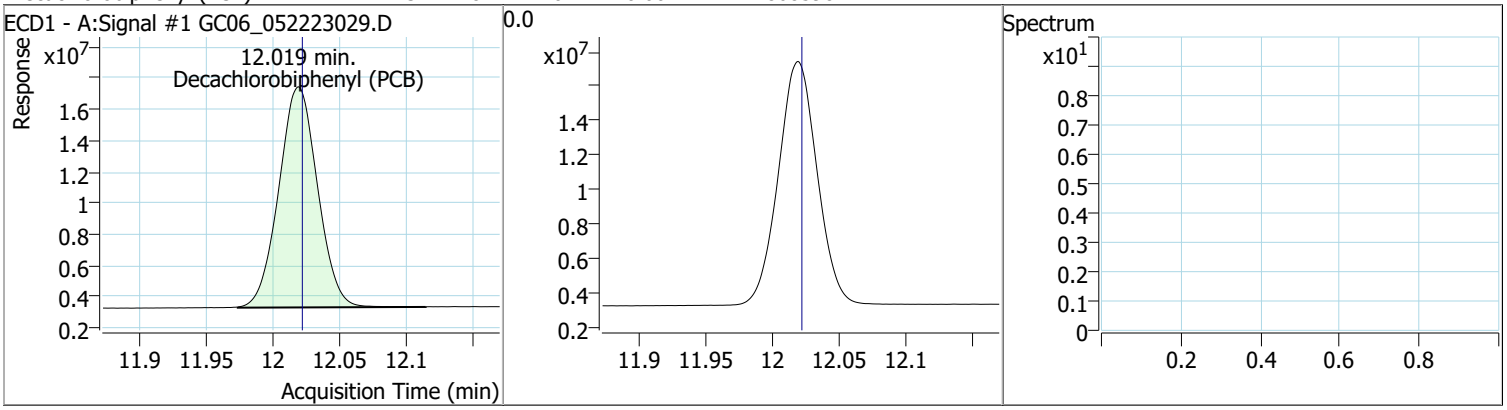
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	1689.7602	10.98	0.00	35335044				



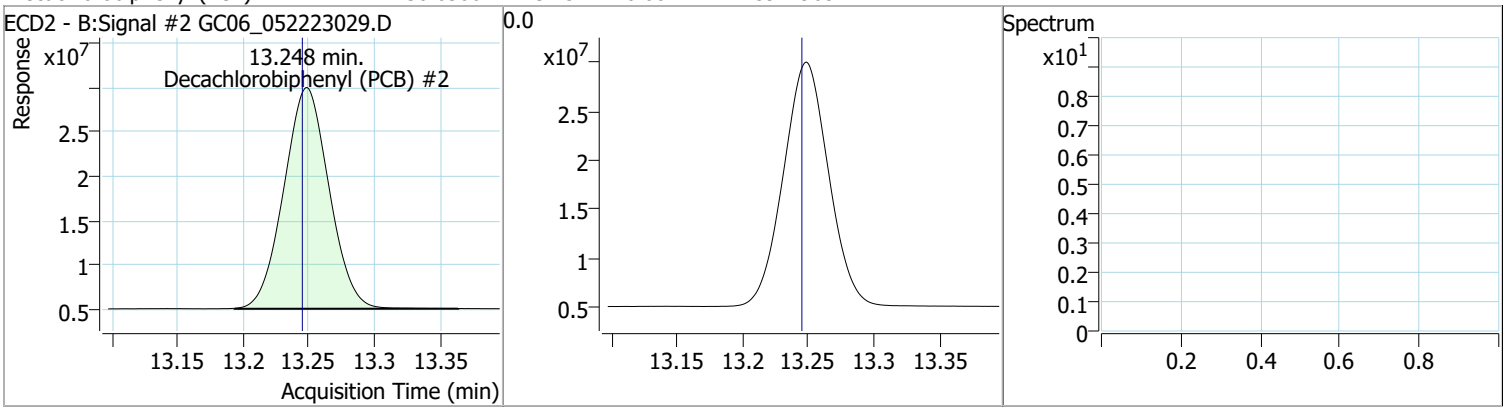
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	1766.9314	11.65	0.00	53682828				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	137.1148	12.02	0.00	28685982				

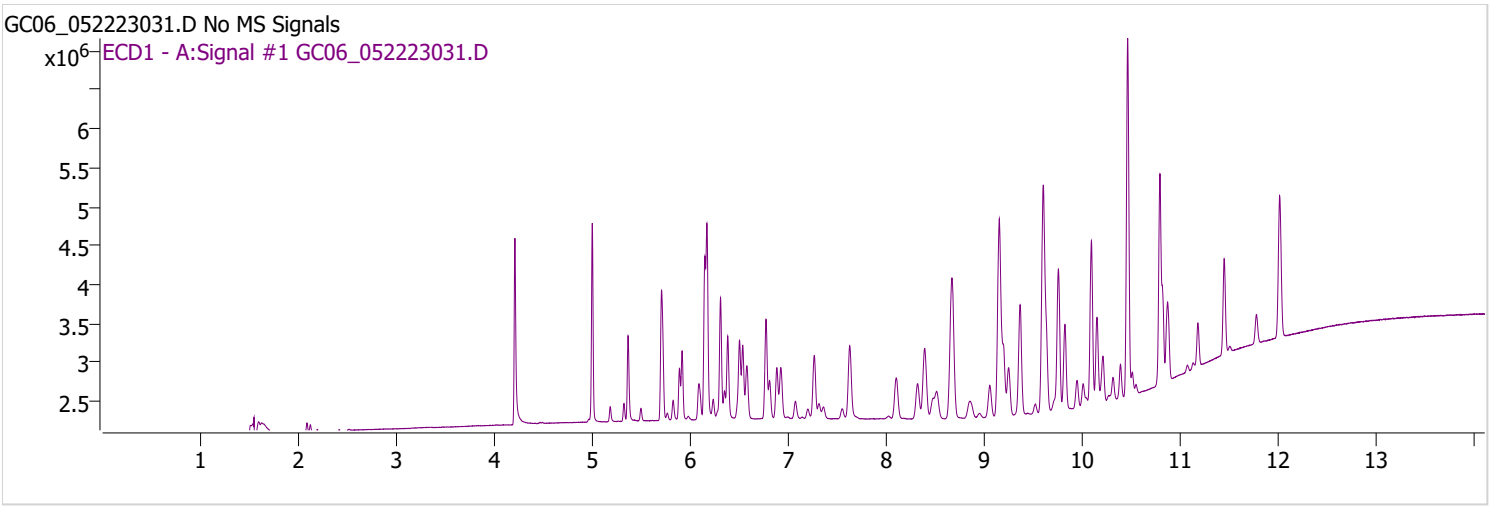


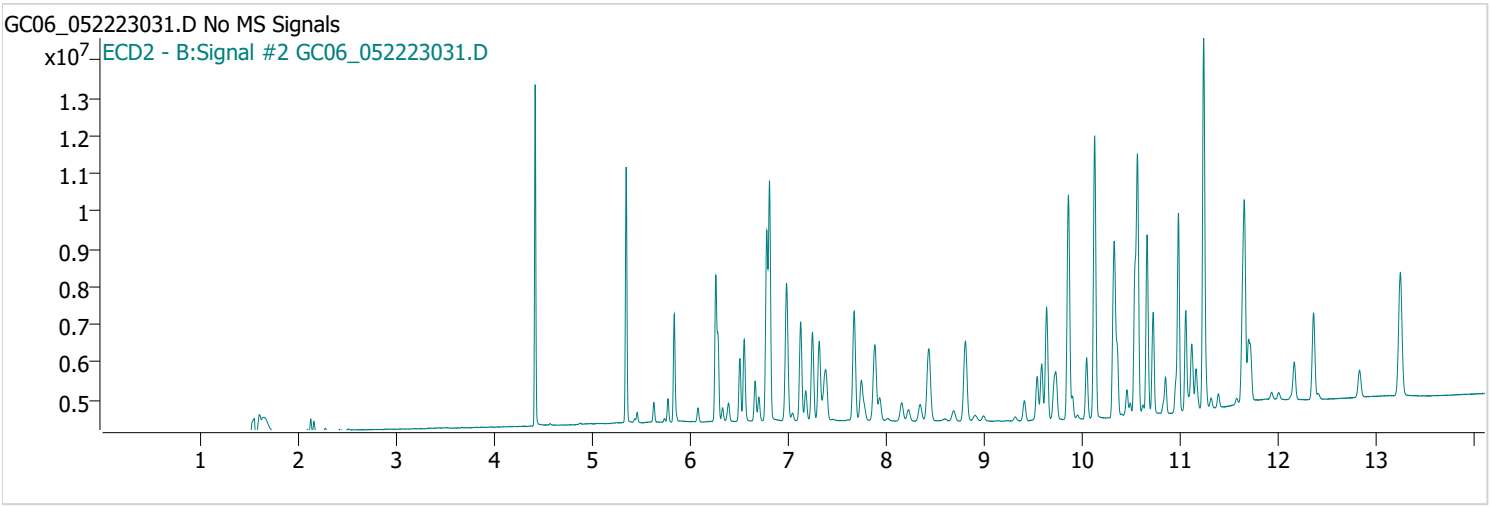
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	130.6306	13.25	0.00	59749651				



Quantitation Results Report (Not Reviewed)

Data File	GC06_052223031.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	5/22/2023 11:27:51 PM
Sample Name	ICV, S18189	Instrument	SVOA-GC06
Vial	21	Multiplier	1.00
DA Method File	PCB_608_052223_GC06_1.m	Comment	
Tune File	ATUNE.U	Tune Date	
Batch Name	052223PCBICAL.batch.bin	Last Calib Update	5/23/2023 1:46:10 PM
Ref Library			



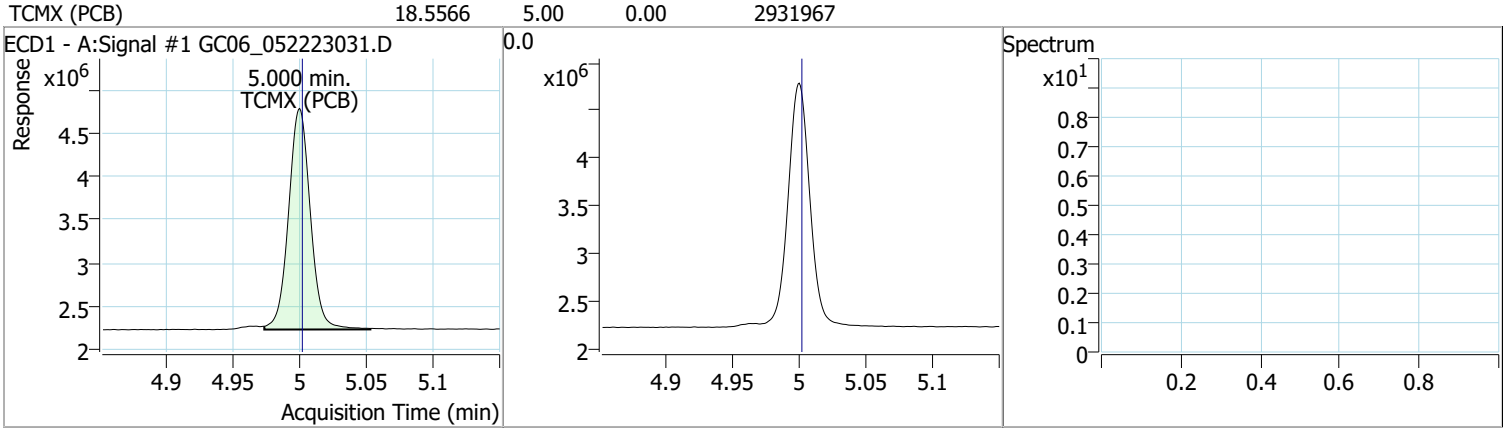


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M 1-bromo-2-nitrobenzene (PCB)	4.210	0.0	2965086.269	20.0000	ng/ml	0.000
M 1-bromo-2-nitrobenzene (PCB) #2	4.417	0.0	8144012.698	20.0000	ng/ml	-0.001
System Monitoring Compounds						
S TCMX (PCB)	5.000	0.0	2931967.143	18.5566	ng/ml	-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 92.78%		
S TCMX (PCB) #2	5.346	0.0	7455081.712	17.2571	ng/ml	-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 86.29%		
S Decachlorobiphenyl (PCB)	12.017	0.0	3695856.362	18.6794	ng/ml	-0.004
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 93.40%		
S Decachlorobiphenyl (PCB) #2	13.249	0.0	8082909.832	18.7941	ng/ml	0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 93.97%		
Target Compounds						QValue

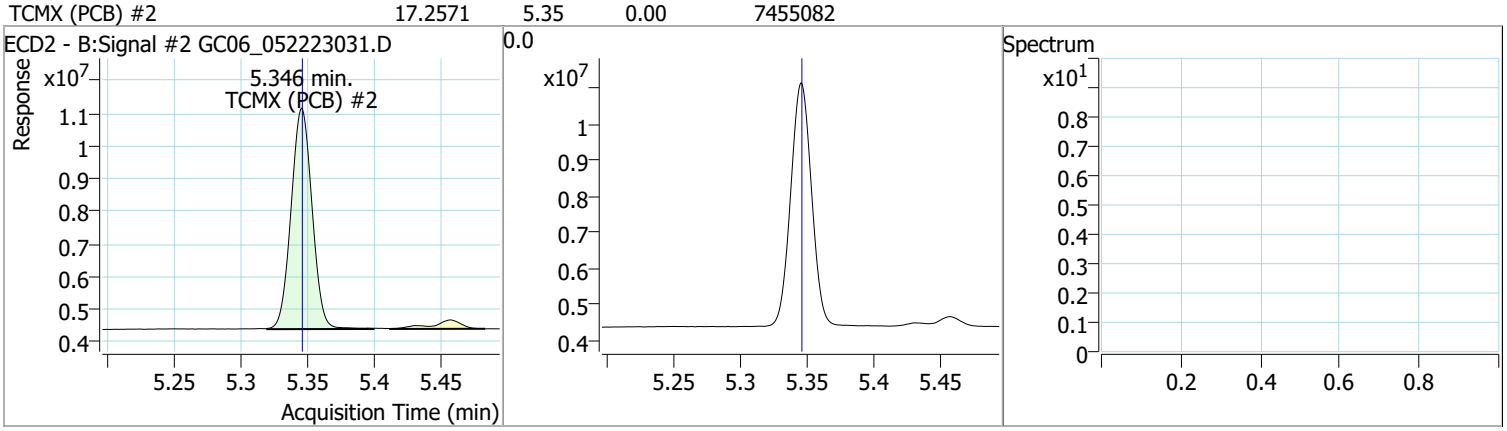
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T AR1016 1	5.365	0.0	1332421.400	402.8922	ng/ml	m	100
T AR1016 2	5.708	0.0	2964713.595	441.5635	ng/ml		100
T AR1016 1 #2	5.837	0.0	3640723.507	429.1921	ng/ml		100
T AR1016 3	6.170	0.0	3642631.285	424.4663	ng/ml	m	100
T AR1016 2 #2	6.261	0.0	7985254.365	419.0600	ng/ml		100
T AR1016 4	6.309	0.0	2299146.962	444.4953	ng/ml		100
T AR1016 5	6.503	0.0	1692917.796	427.9434	ng/ml		100
T AR1016 3 #2	6.808	0.0	9914511.352	432.4020	ng/ml		100
T AR1016 4 #2	6.983	0.0	7064071.261	428.0494	ng/ml		100
T AR1016 5 #2	7.248	0.0	3988594.700	453.0992	ng/ml		100
T AR1260 1	8.672	0.0	5089637.340	519.0721	ng/ml		100
T AR1260 2	9.155	0.0	7801118.049	521.1614	ng/ml		100
T AR1260 3	9.604	0.0	8028245.335	501.9373	ng/ml		100
T AR1260 1 #2	9.861	0.0	11176479.352	486.6178	ng/ml		100
T AR1260 4	10.095	0.0	3839797.738	440.6434	ng/ml		100
T AR1260 2 #2	10.128	0.0	13040618.884	503.5826	ng/ml		100
T AR1260 3 #2	10.564	0.0	16611472.426	501.2718	ng/ml		100
T AR1260 5	10.795	0.0	6181032.631	448.5989	ng/ml		100
T AR1260 4 #2	10.983	0.0	8587878.654	443.6775	ng/ml		100
T AR1260 5 #2	11.655	0.0	12526222.108	446.4757	ng/ml		100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

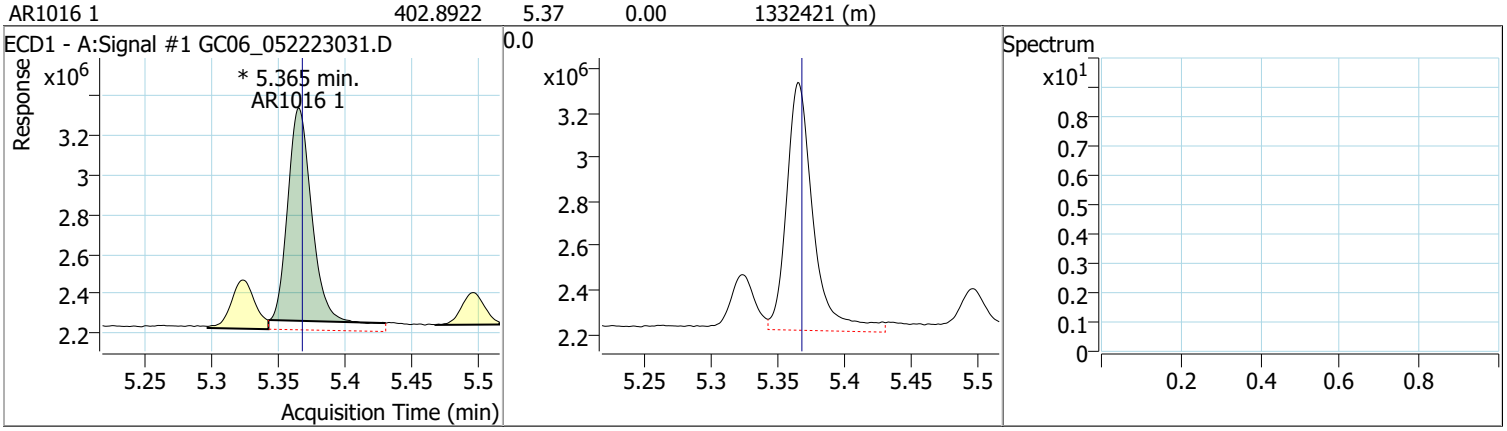
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	18.5566	5.00	0.00	2931967				



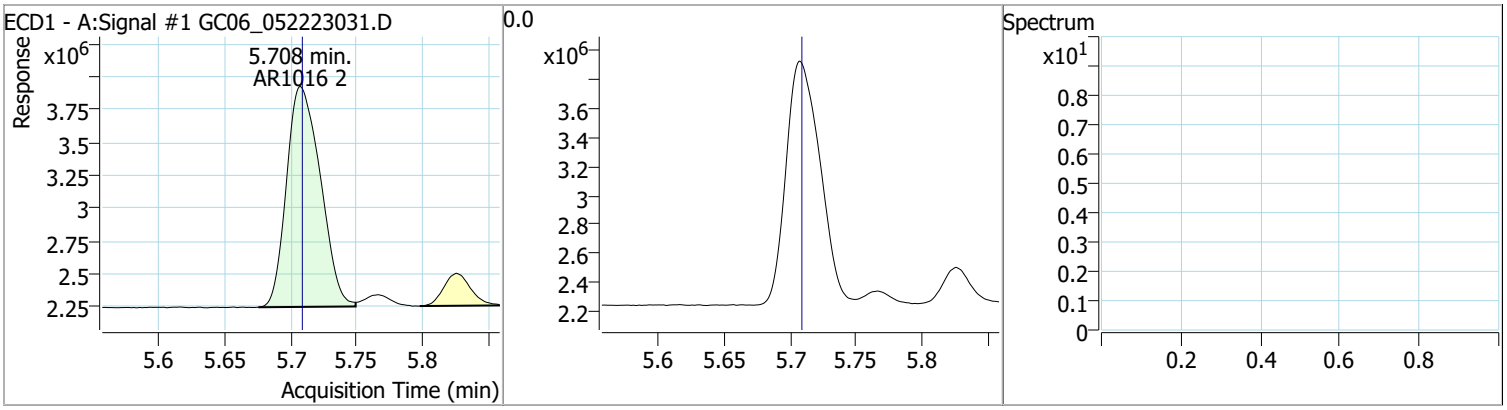
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB) #2	17.2571	5.35	0.00	7455082				



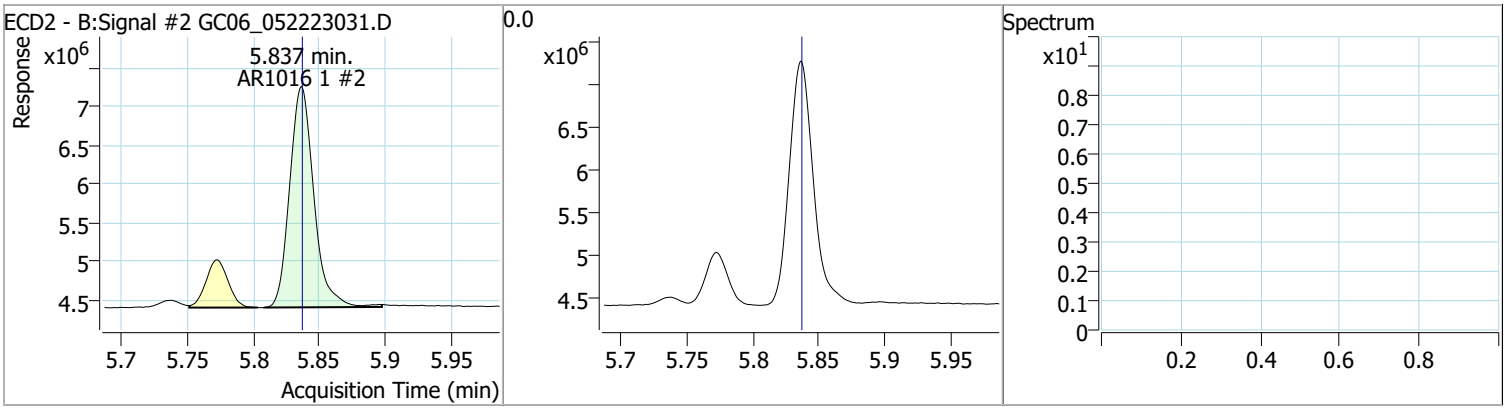
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	402.8922	5.37	0.00	1332421 (m)				



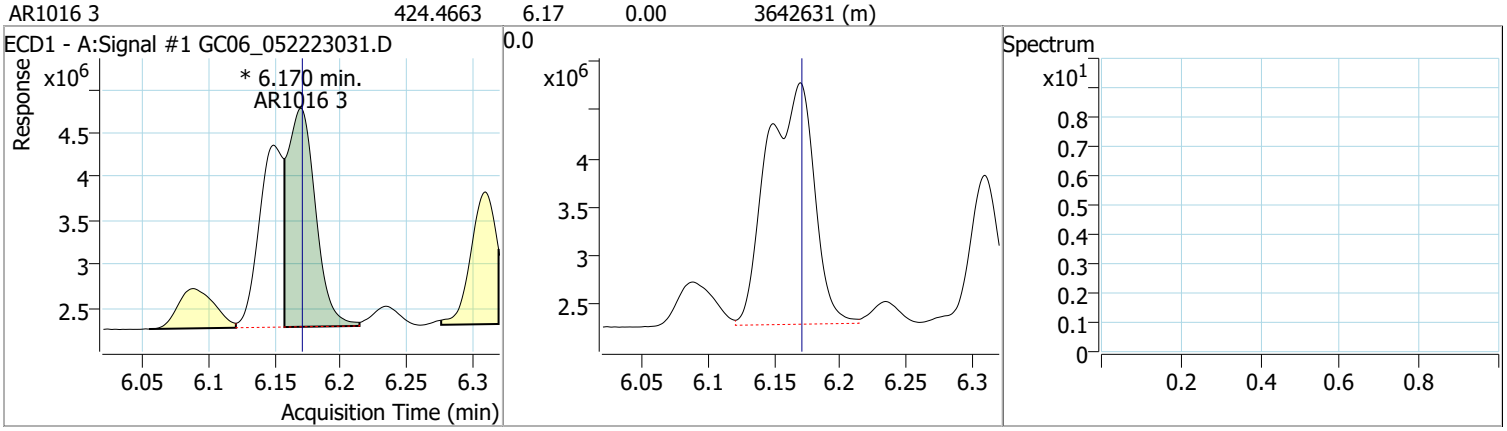
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	441.5635	5.71	0.00	2964714				



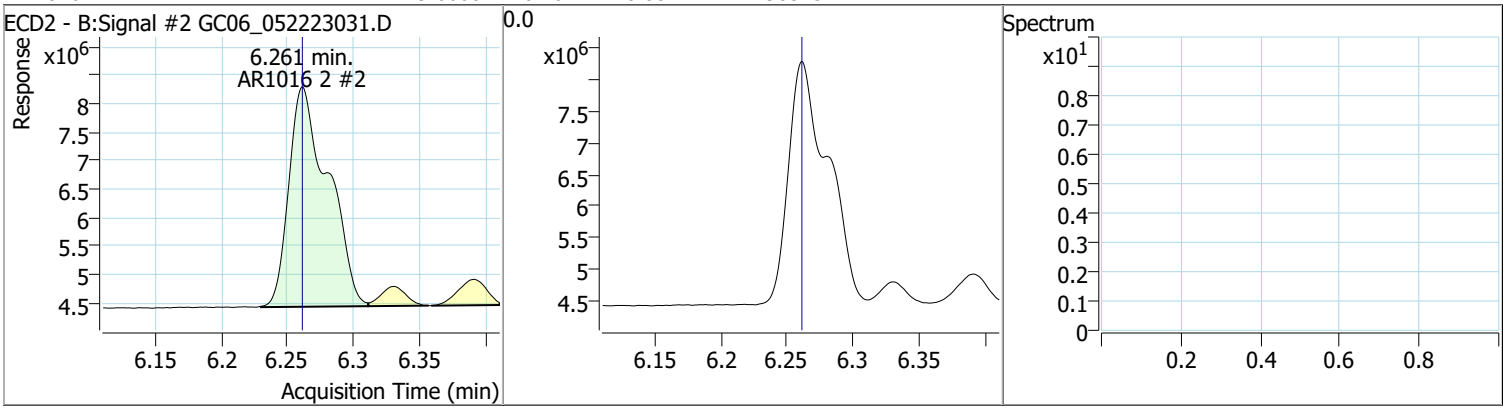
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1 #2	429.1921	5.84	0.00	3640724				



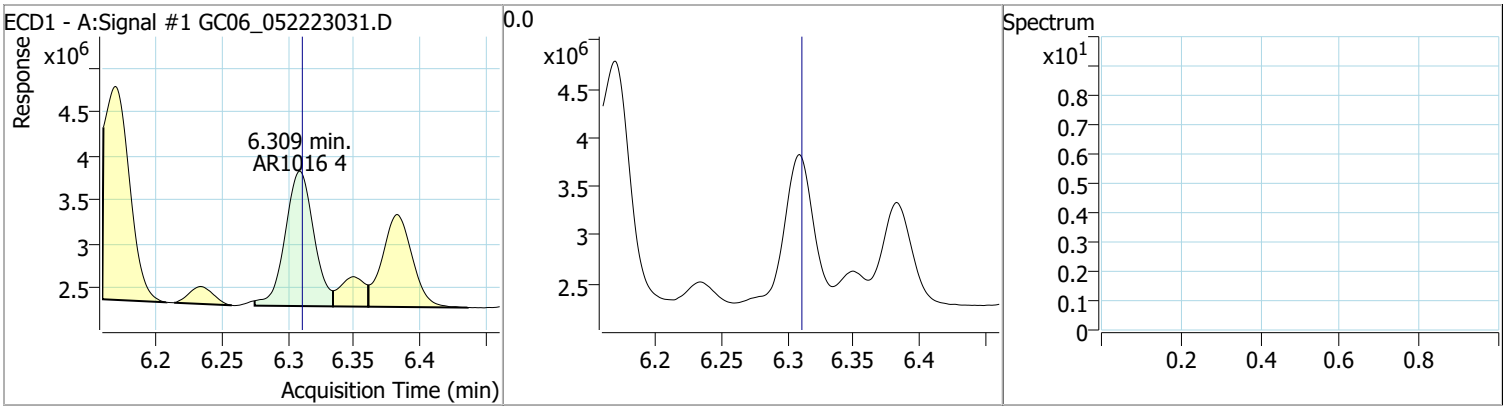
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	424.4663	6.17	0.00	3642631 (m)				



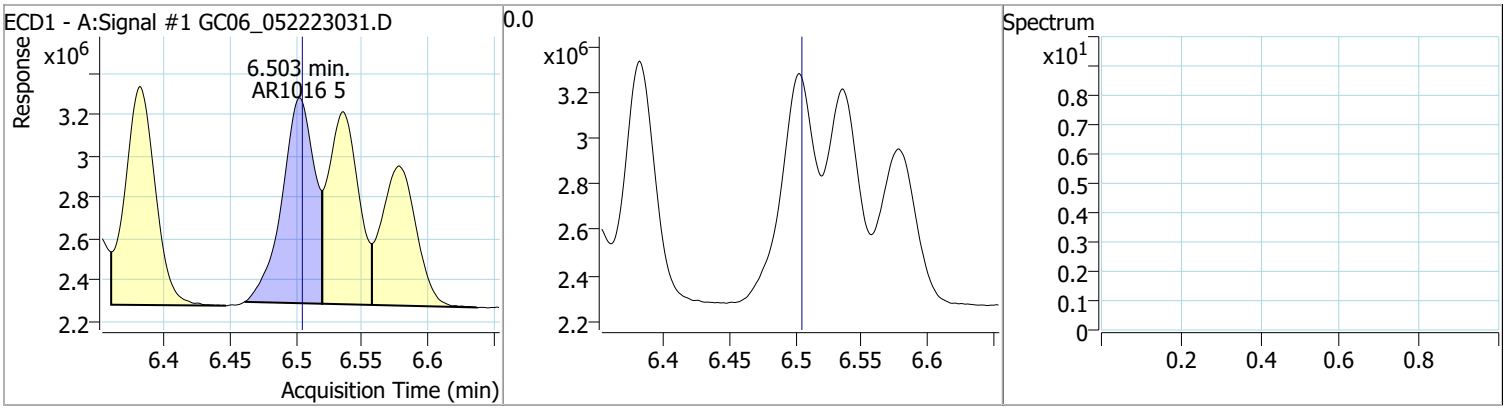
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	419.0600	6.26	0.00	7985254				



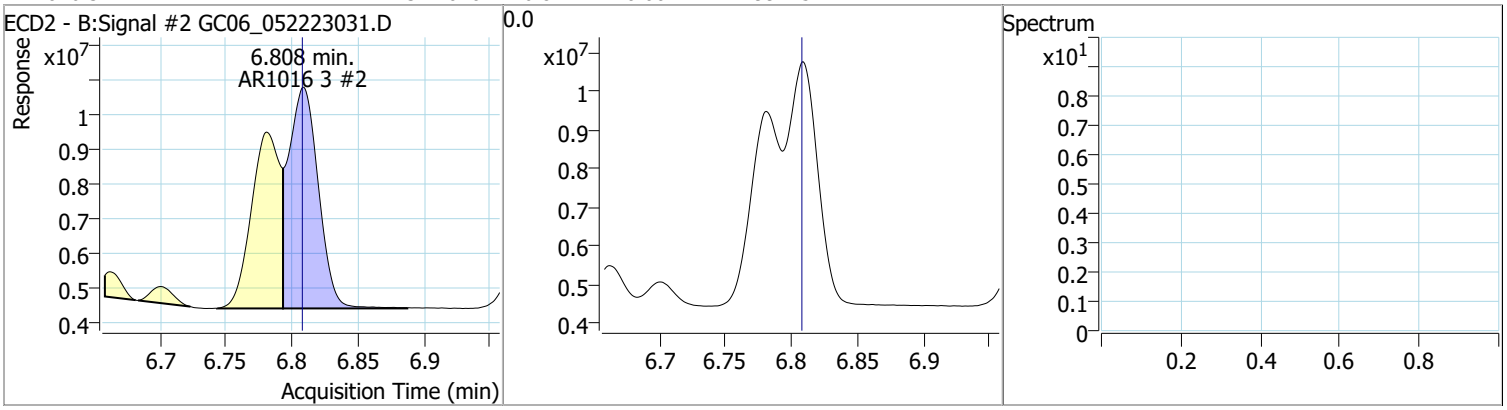
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4	444.4953	6.31	0.00	2299147				



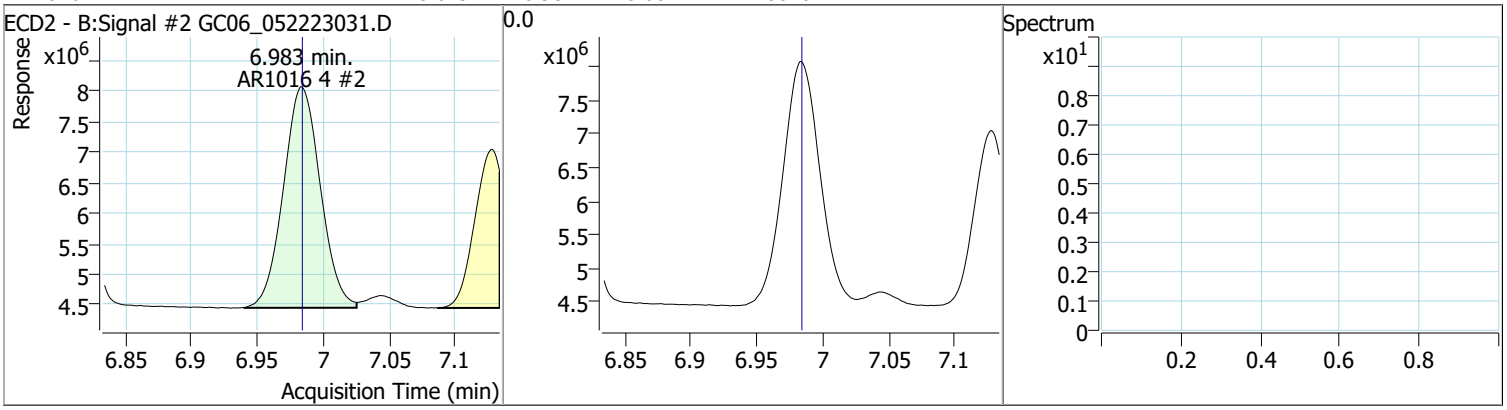
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	427.9434	6.50	0.00	1692918				



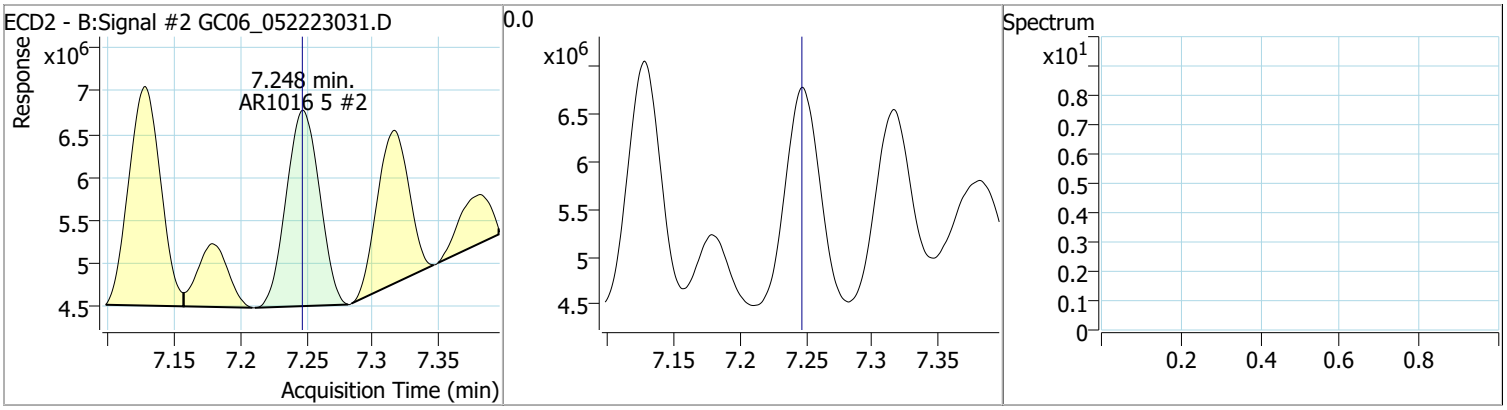
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	432.4020	6.81	0.00	9914511				



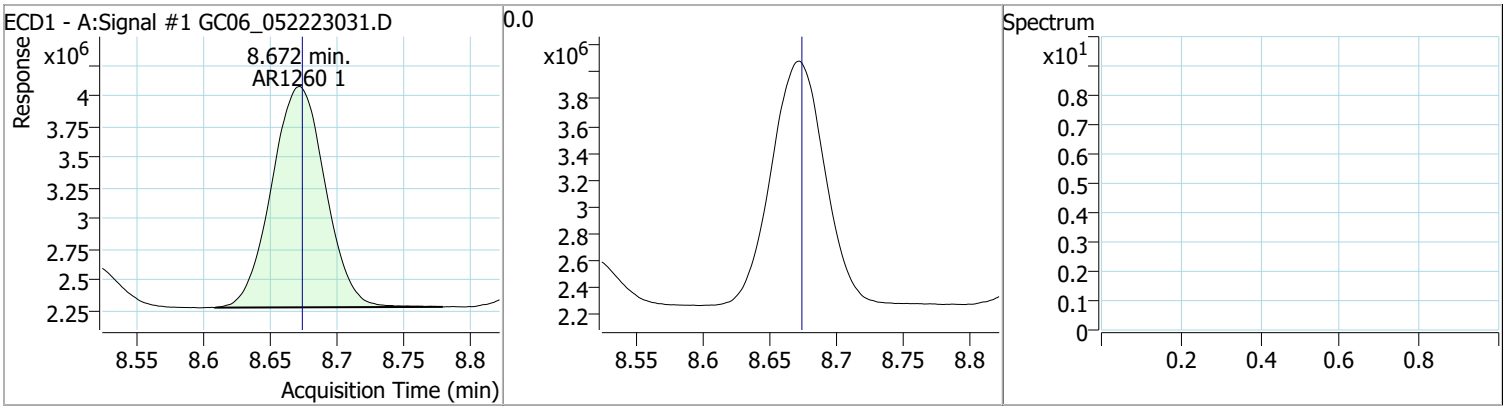
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4 #2	428.0494	6.98	0.00	7064071				



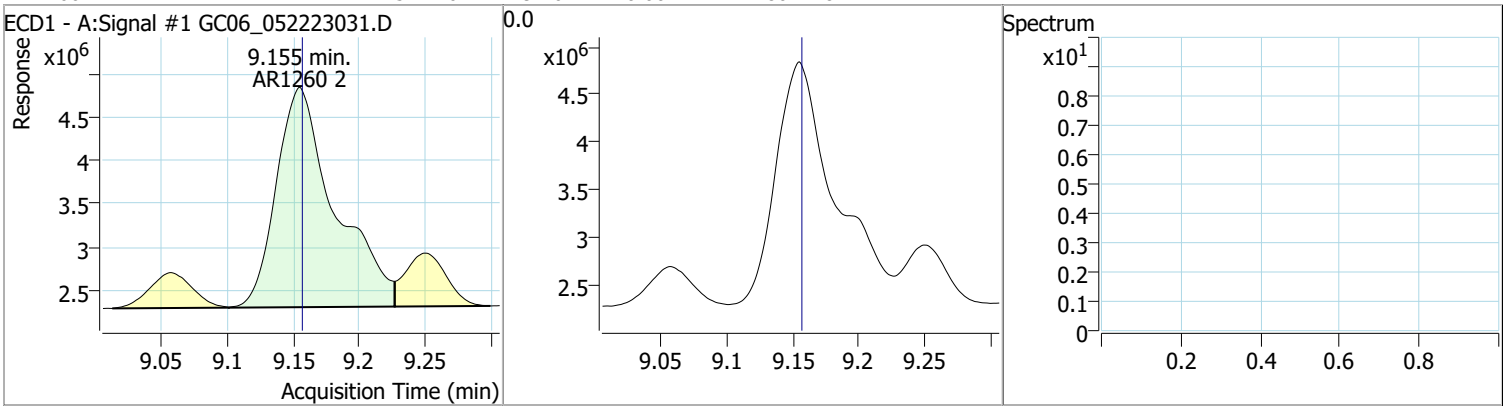
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	453.0992	7.25	0.00	3988595				



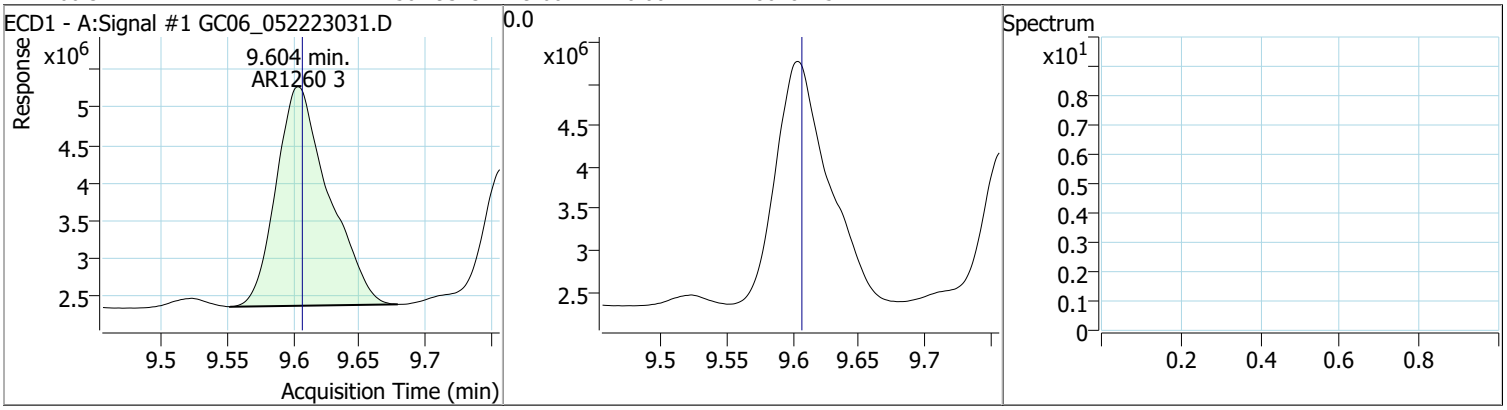
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	519.0721	8.67	0.00	5089637				



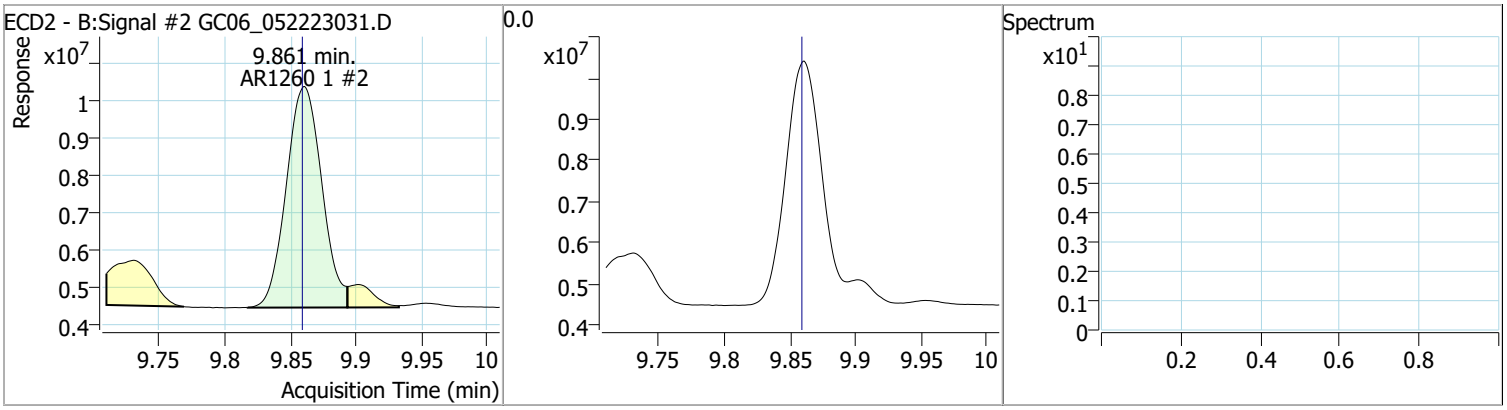
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	521.1614	9.16	0.00	7801118				



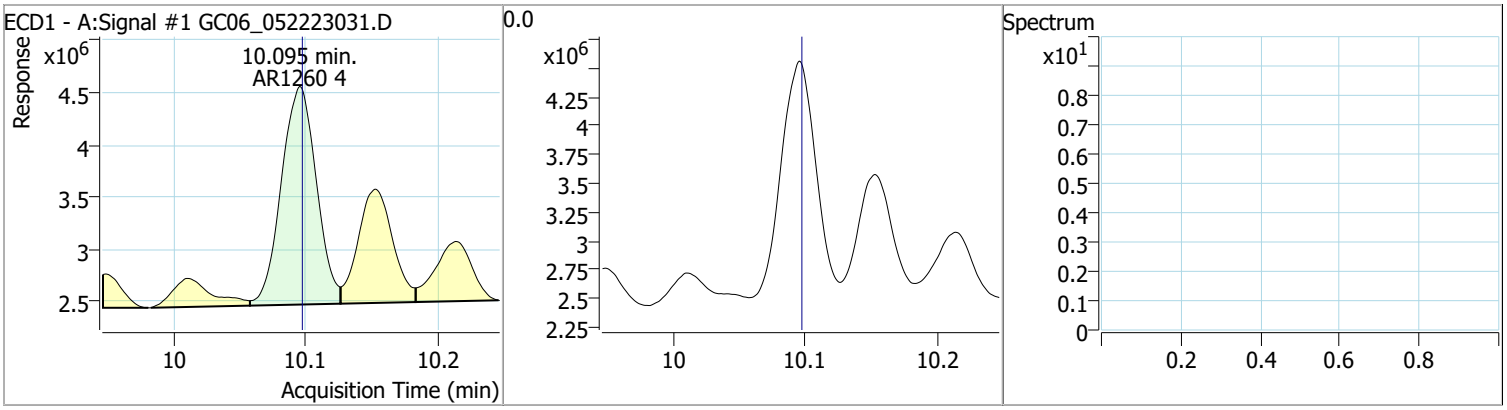
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3	501.9373	9.60	0.00	8028245				



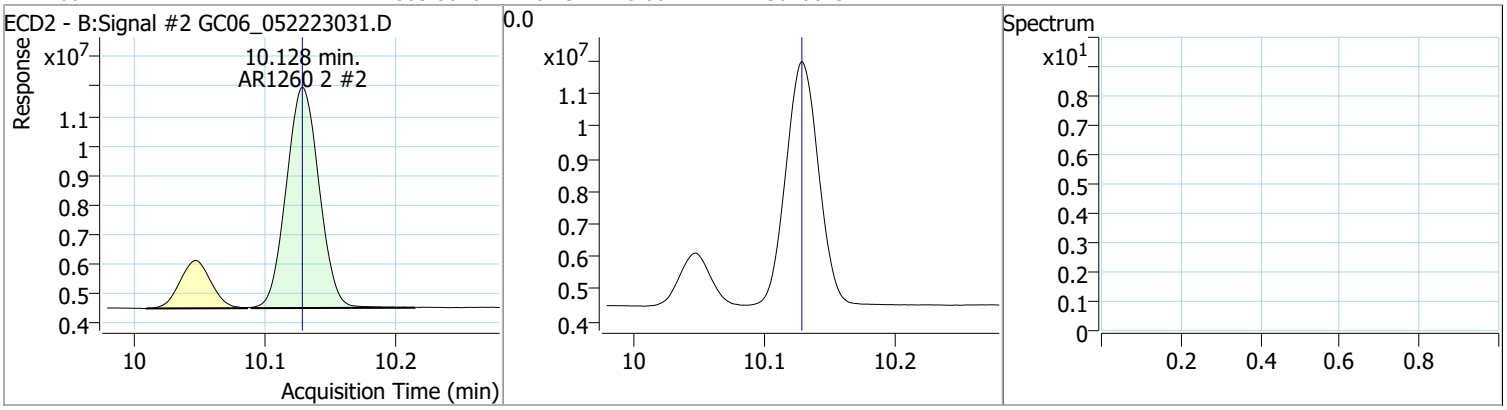
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1 #2	486.6178	9.86	0.00	11176479				



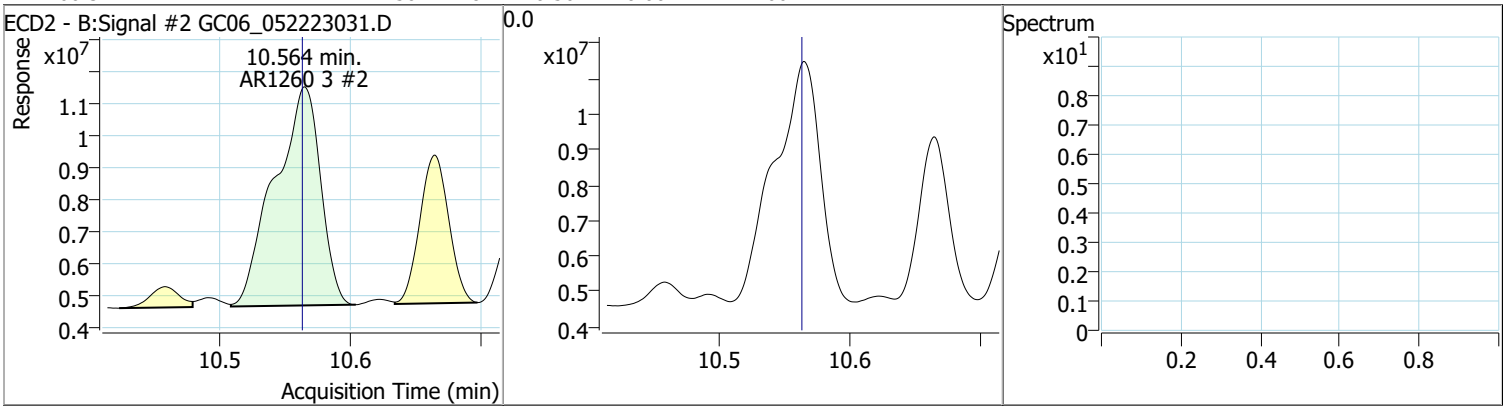
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4	440.6434	10.10	0.00	3839798				



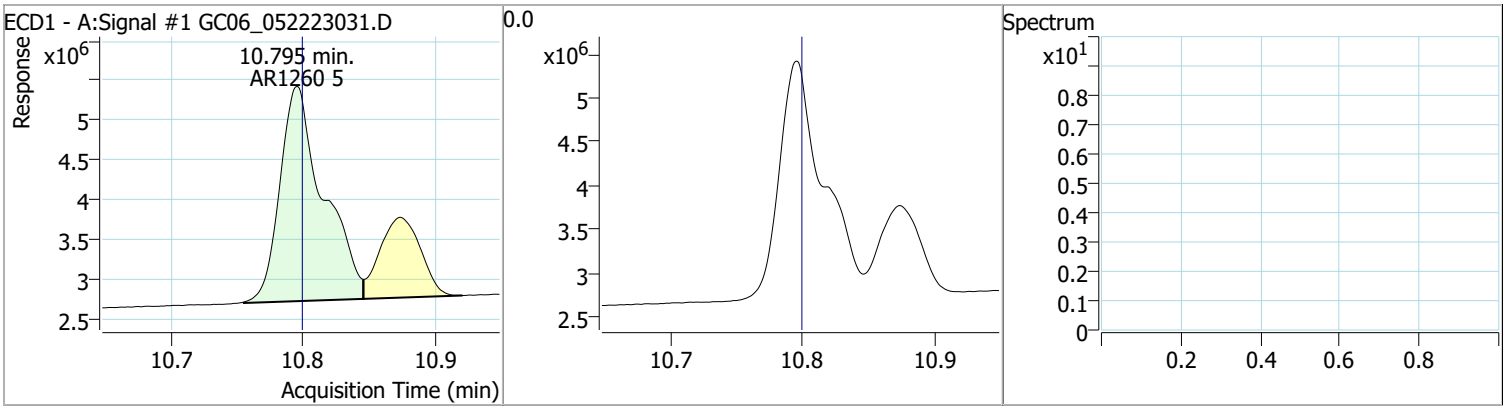
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	503.5826	10.13	0.00	13040619				



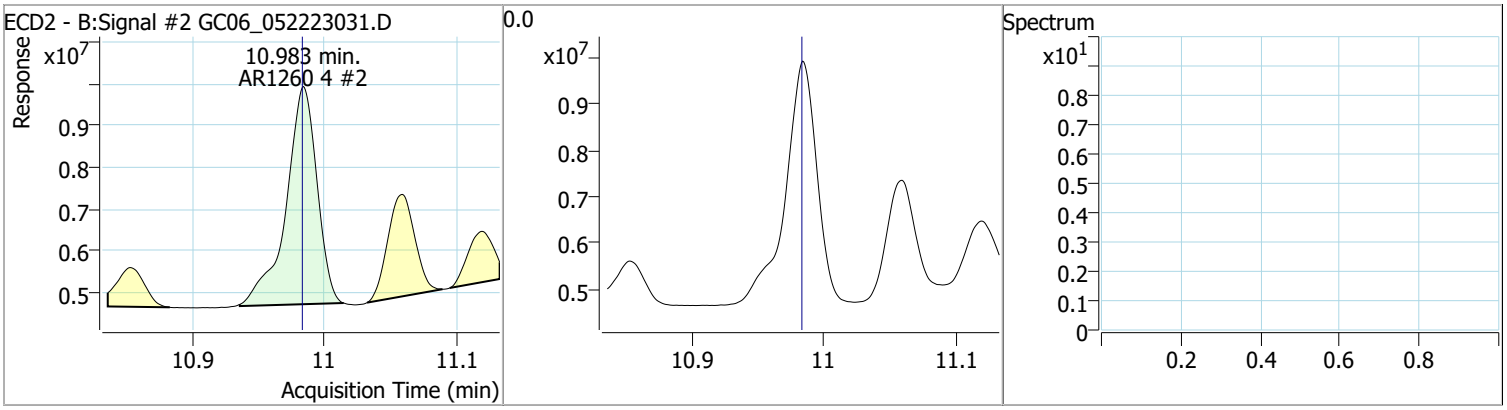
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3 #2	501.2718	10.56	0.00	16611472				



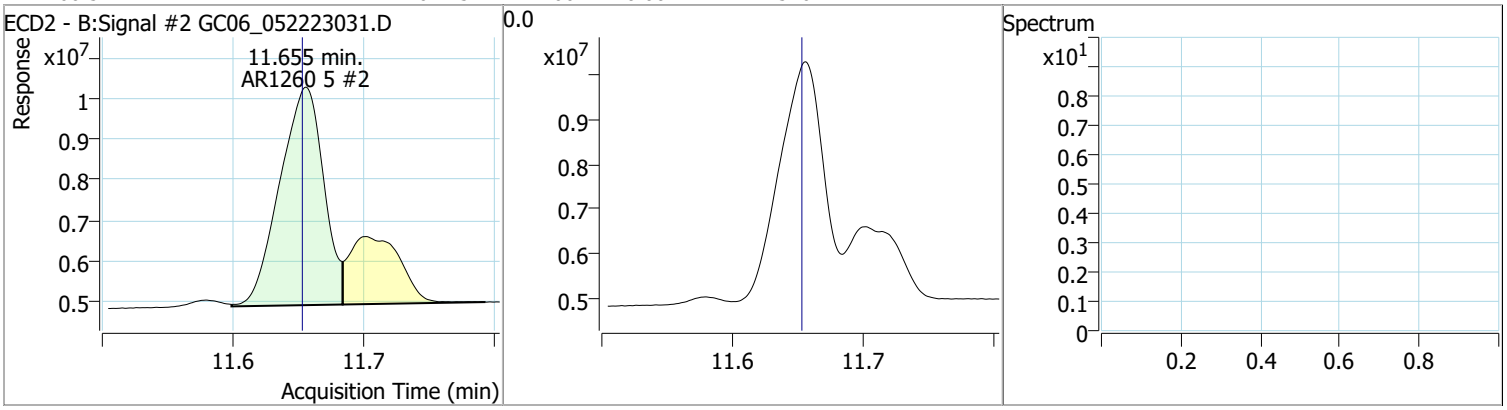
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	448.5989	10.80	0.00	6181033				



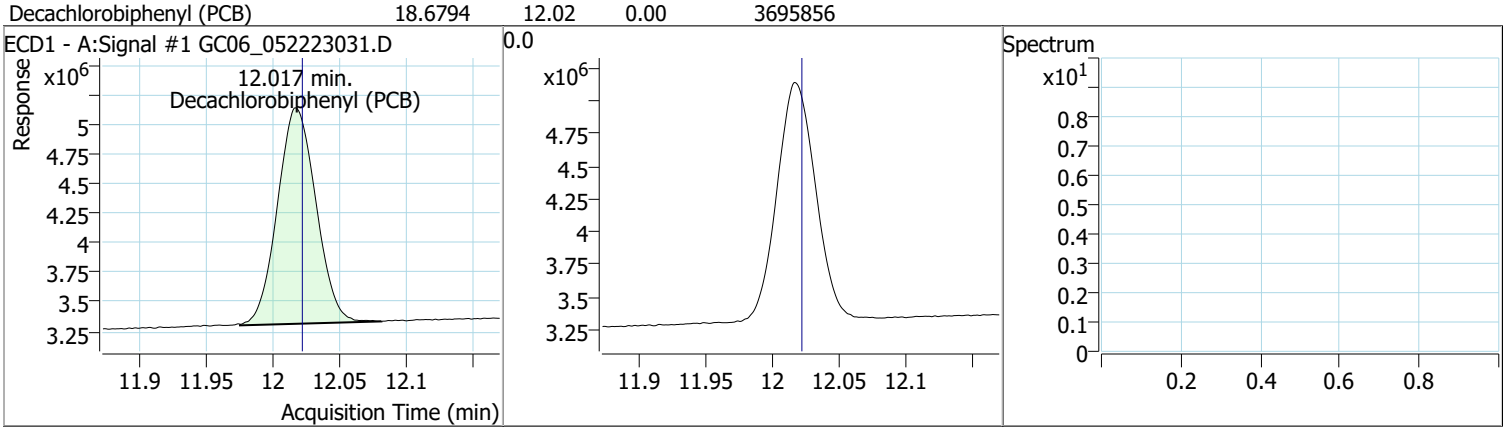
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	443.6775	10.98	0.00	8587879				



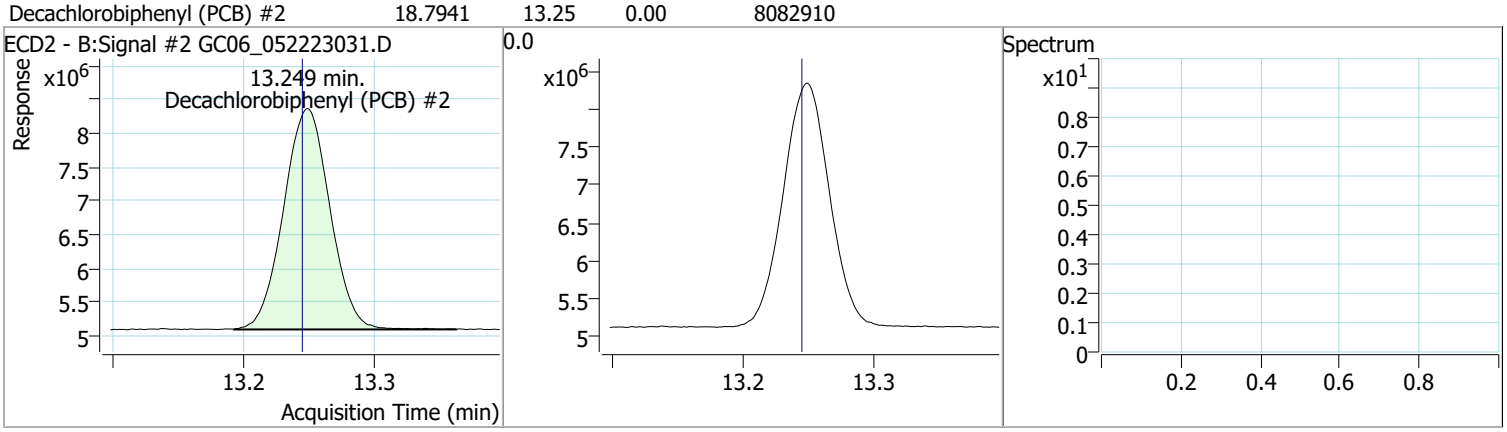
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	446.4757	11.66	0.00	12526222				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	18.6794	12.02	0.00	3695856				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	18.7941	13.25	0.00	8082910				



Continuing Calibration Verification Raw Data

ENTHALPY CONTINUING CALIBRATION FOR 486134 PCBS Wipe

EPA 8082

Inst:	SVOA-GC06			IDF:	1.0
Seqnum:	453225344003	File:	gc06_060523003	Time:	05-JUN-2023 11:44
Cal:	453205686001	Caldate:	22-MAY-2023		

Standards: S18318

Analyte	Ch	Avg RF/CF	RF/CF	Spiked	Quant	Units	%D	Max %D	Min RF	Flags
Aroclor-1016	A			500.0	458.0	ug/L	-8	15	0.0000	
Aroclor-1260	A			500.0	425.1	ug/L	-15	15	0.0000	
Decachlorobiphenyl (PCB)	A	1.3346	1.1522	40.00	34.53	ug/L	-14	15	0.0000	
TCMX (PCB)	A	1.0658	0.9294	40.00	34.88	ug/L	-13	15	0.0000	
Aroclor-1016	B			500.0	458.6	ug/L	-8	15	0.0000	
Aroclor-1260	B			500.0	448.0	ug/L	-10	15	0.0000	
Decachlorobiphenyl (PCB)	B	1.0562	0.9015	40.00	34.14	ug/L	-15	15	0.0000	
TCMX (PCB)	B	1.0609	0.8945	40.00	33.73	ug/L	**-16**	15	0.0000	c-

ISTD (ICAL gc06_052223022)	Ch	ICAL Abund	Abund	%Drift
1-bromo-2-nitrobenzene (PCB)	B	7279227	8992413	23.54
1-bromo-2-nitrobenzene (PCB)	A	2781470	3431466	23.37

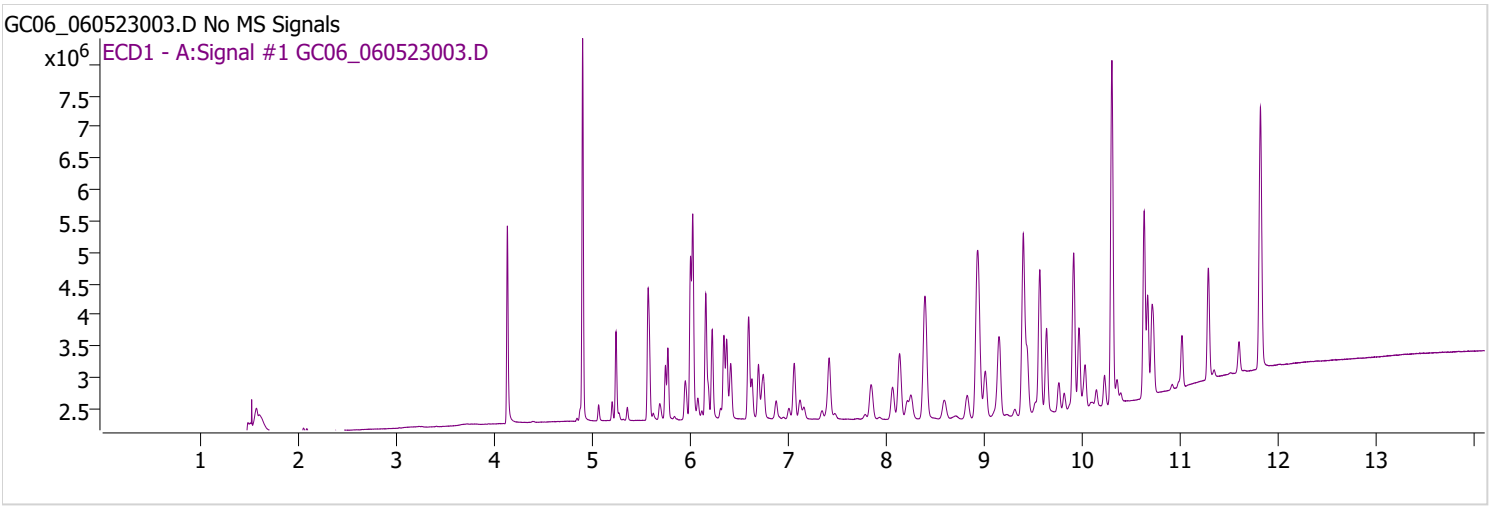
06/05/23 : 20 PPB PEST CCV

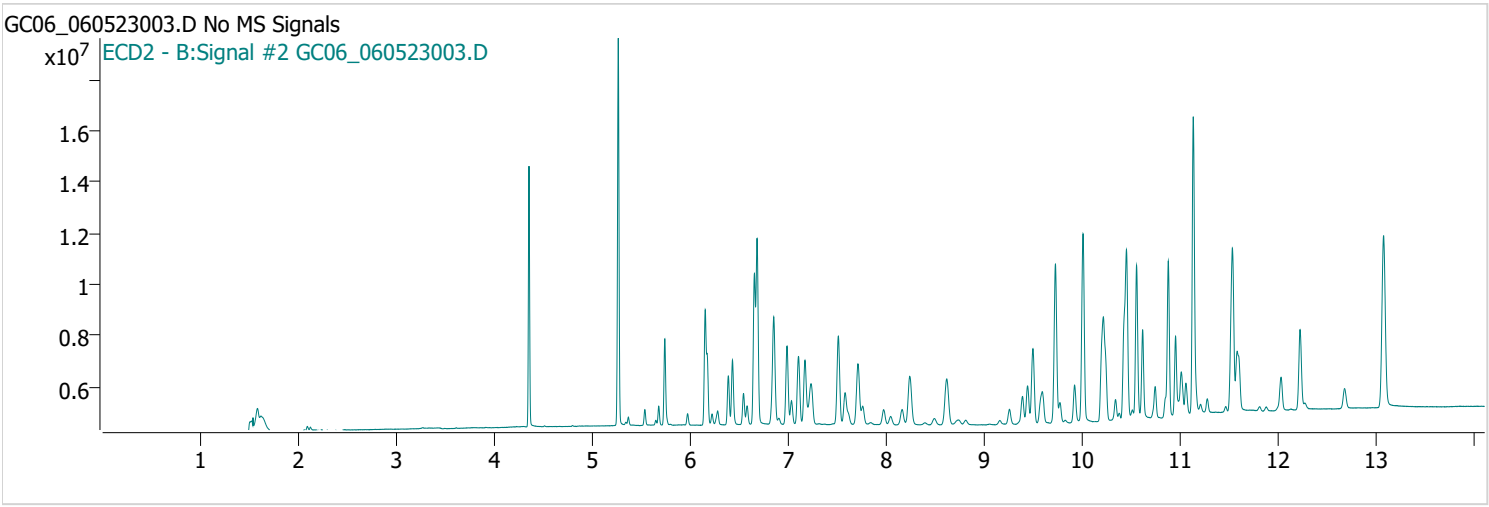
-=low bias c=CCV

Analyst: TRN 06/05/23 **Reviewer:** LW 06/05/23

Quantitation Results Report (Not Reviewed)

Data File	GC06_060523003.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	6/5/2023 11:44:14 AM
Sample Name	CCV, S18265	Instrument	SVOA-GC06
Vial	144	Multiplier	1.00
DA Method File	PCB_608_052323_GC06_9.m	Comment	20 PPB PEST CCV
Tune File	ATUNE.U	Tune Date	
Batch Name	060523PCB.batch.bin	Last Calib Update	5/23/2023 1:46:10 PM
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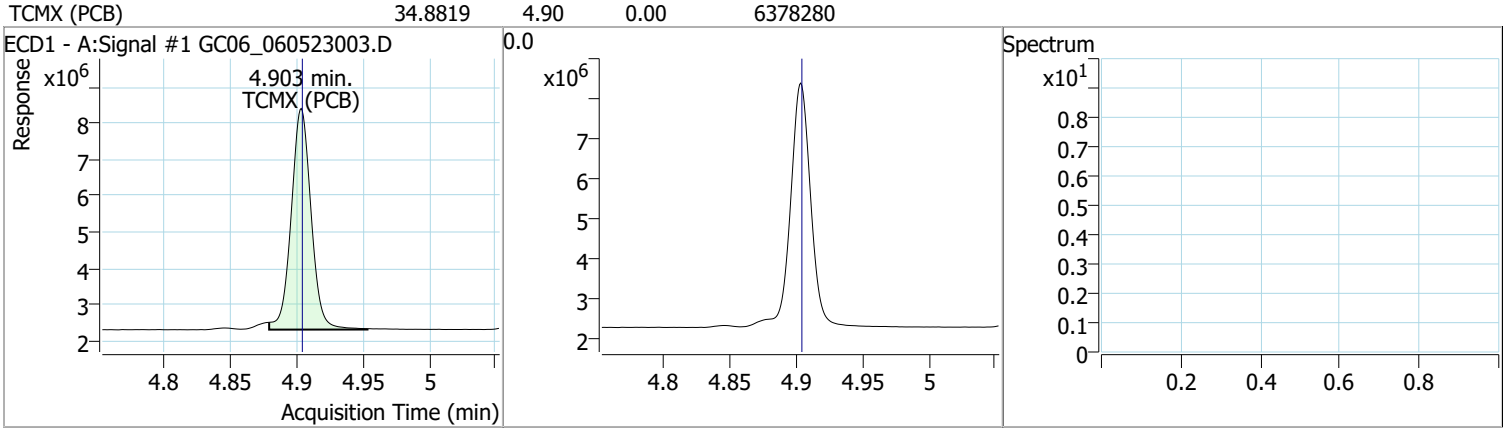


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1-bromo-2-nitrobenzene (PCB)	4.134	0.0	3431466.145	20.0000	ng/ml		0.000
M 1-bromo-2-nitrobenzene (PCB) #2	4.355	0.0	8992413.297	20.0000	ng/ml		0.000
System Monitoring Compounds							
S TCMX (PCB)	4.903	0.0	6378279.567	34.8819	ng/ml		0.000
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 174.41%		*	
S TCMX (PCB) #2	5.267	0.0	16088303.190	33.7277	ng/ml		0.000
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 168.64%		*	
S Decachlorobiphenyl (PCB)	11.826	0.0	7907680.007	34.5346	ng/ml		0.000
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 172.67%		*	
S Decachlorobiphenyl (PCB) #2	13.084	0.0	16212651.337	34.1406	ng/ml		0.000
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 170.70%		*	
Target Compounds							QValue

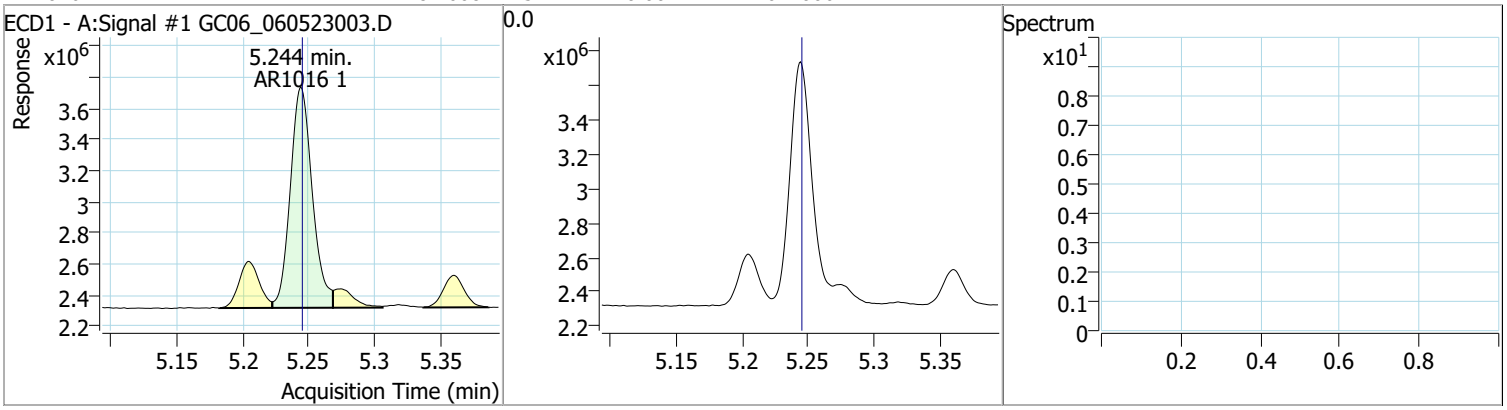
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T AR1016 1	5.244	0.0	1641006.269	428.7608	ng/ml	100
T AR1016 2	5.573	0.0	3543764.611	456.0714	ng/ml	100
T AR1016 1 #2	5.743	0.0	4249034.985	453.6454	ng/ml	100
T AR1016 3	6.028	0.0	4412726.609	444.3167	ng/ml	100
T AR1016 2 #2	6.155	0.0	9005079.363	427.9935	ng/ml	100
T AR1016 4	6.161	0.0	3244658.785	542.0348	ng/ml	100
T AR1016 5	6.347	0.0	1917609.076	418.8593	ng/ml	100
T AR1016 3 #2	6.685	0.0	11329327.509	447.4894	ng/ml	100
T AR1016 4 #2	6.855	0.0	8098355.543	444.4244	ng/ml	100
T AR1016 5 #2	6.991	0.0	5051515.795	519.7054	ng/ml	100
T AR1260 1	8.400	0.0	5250831.688	462.7289	ng/ml	100
T AR1260 2	8.938	0.0	7722447.597	445.7876	ng/ml	100
T AR1260 3	9.404	0.0	8066500.805	435.7844	ng/ml	100
T AR1260 1 #2	9.733	0.0	11437298.843	450.9918	ng/ml	100
T AR1260 4	9.918	0.0	4740001.750	470.0186	ng/ml	100
T AR1260 2 #2	10.014	0.0	13437229.222	469.9421	ng/ml	100
T AR1260 3 #2	10.458	0.0	16278356.778	444.8749	ng/ml	100
T AR1260 5	10.639	0.0	4964068.682	311.3096	ng/ml	100
T AR1260 4 #2	10.885	0.0	9207760.536	430.8218	ng/ml	100
T AR1260 5 #2	11.539	0.0	13740505.805	443.5500	ng/ml	100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

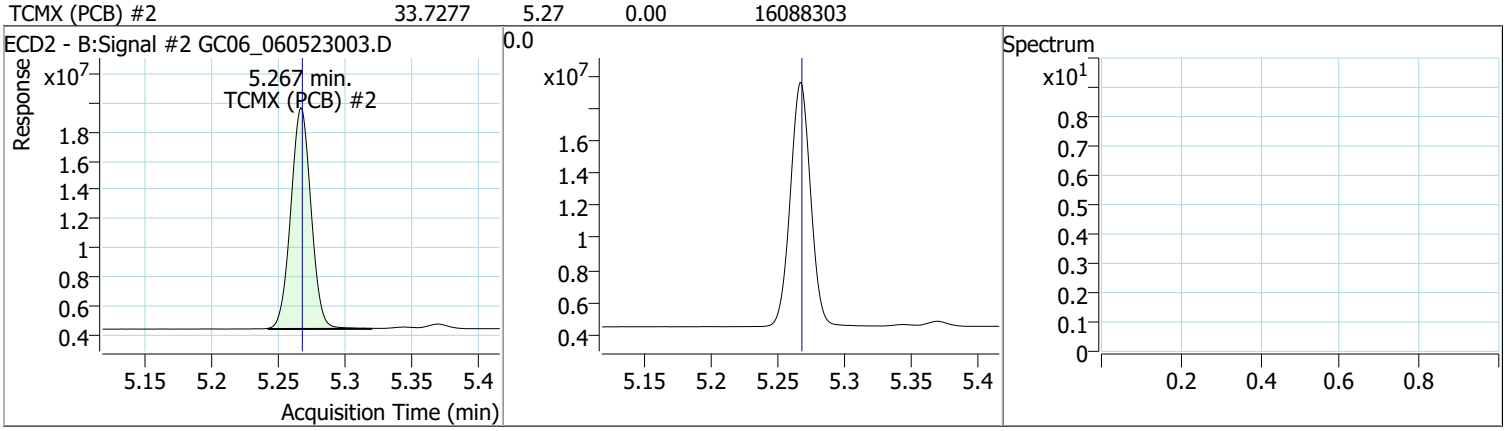
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	34.8819	4.90	0.00	6378280				



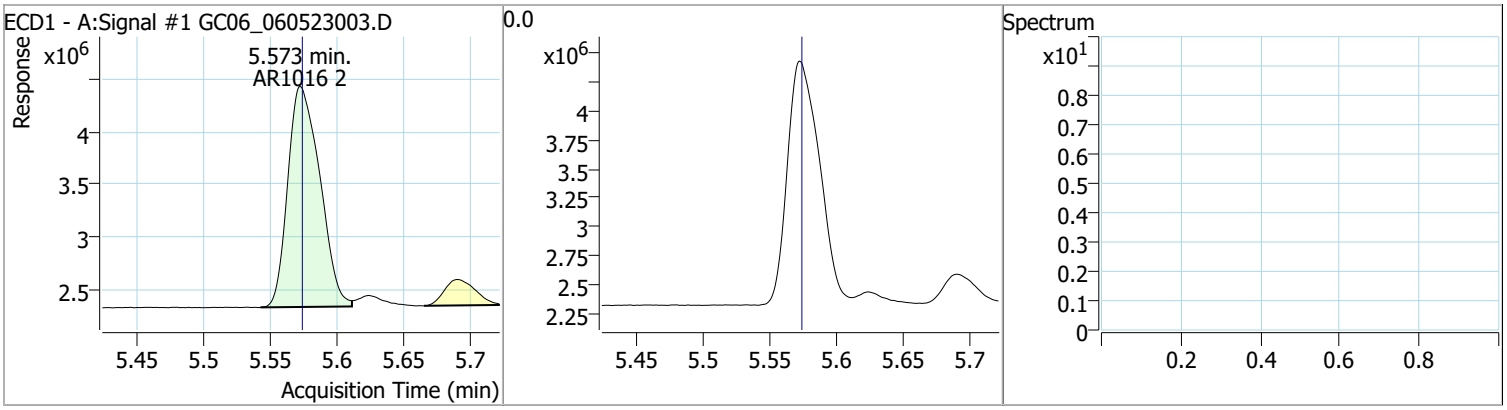
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	428.7608	5.24	0.00	1641006				



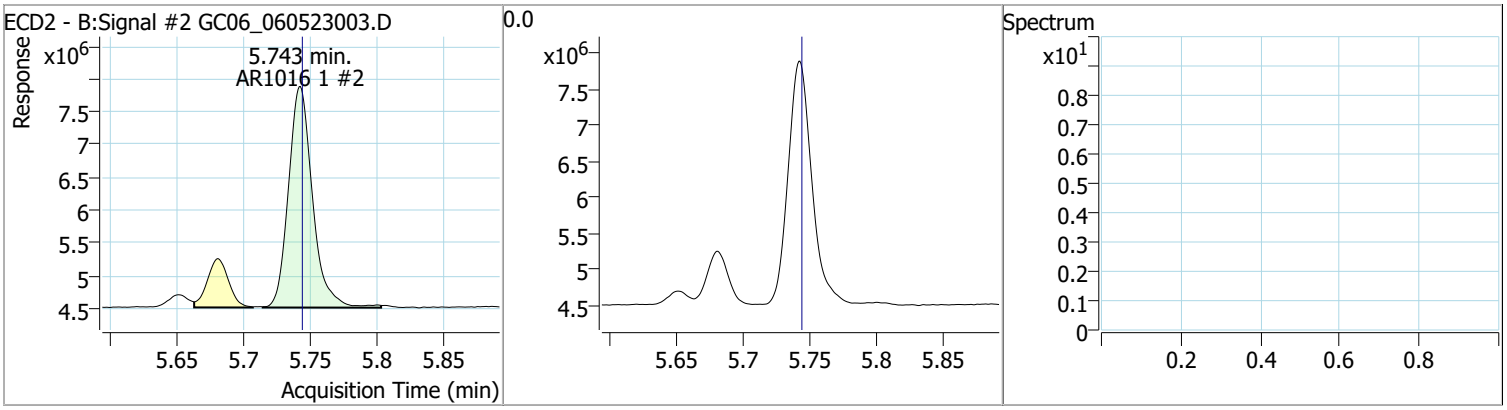
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB) #2	33.7277	5.27	0.00	16088303				



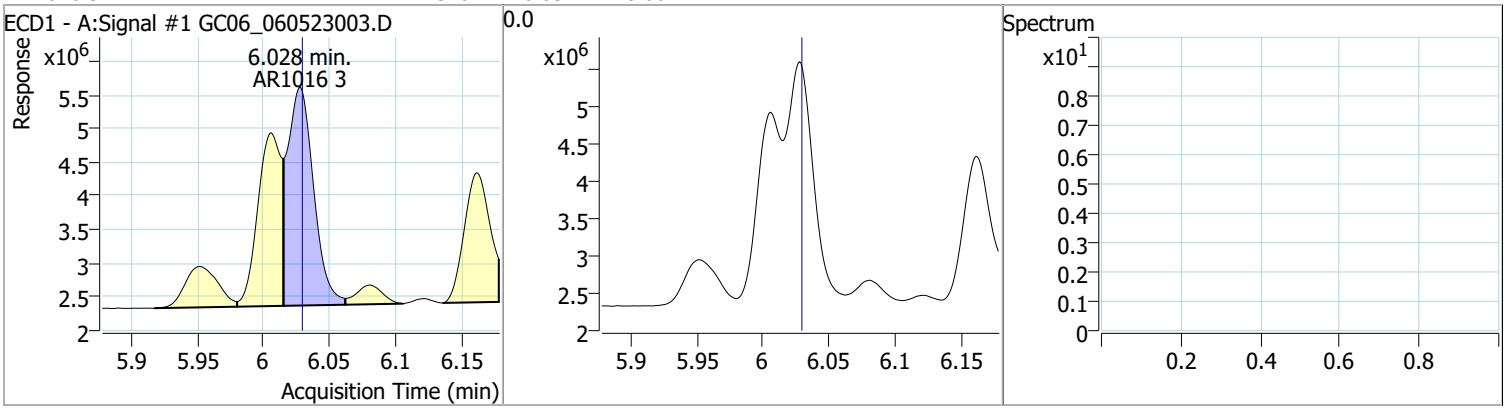
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	456.0714	5.57	0.00	3543765				



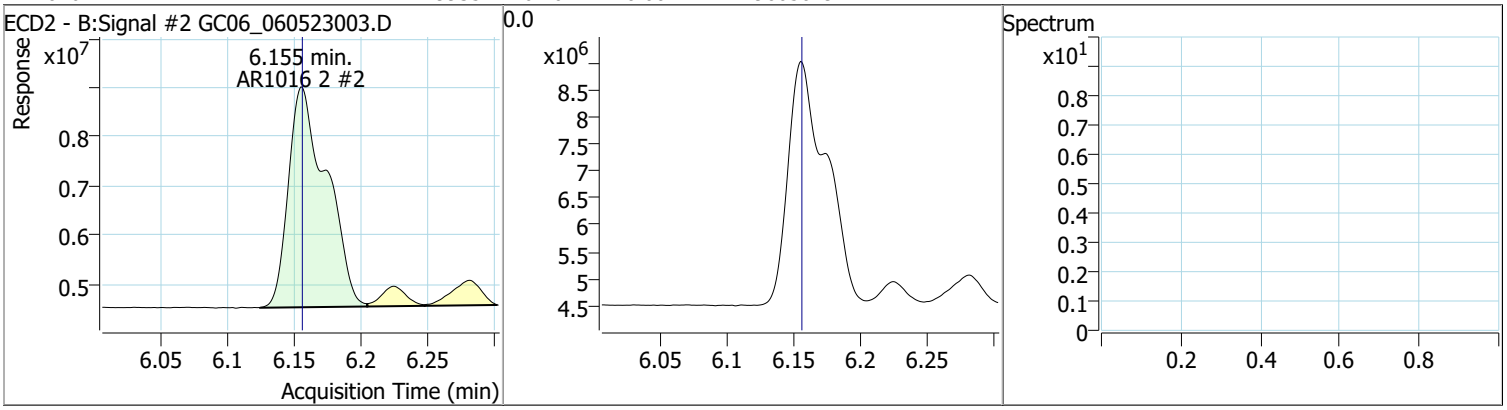
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1 #2	453.6454	5.74	0.00	4249035				



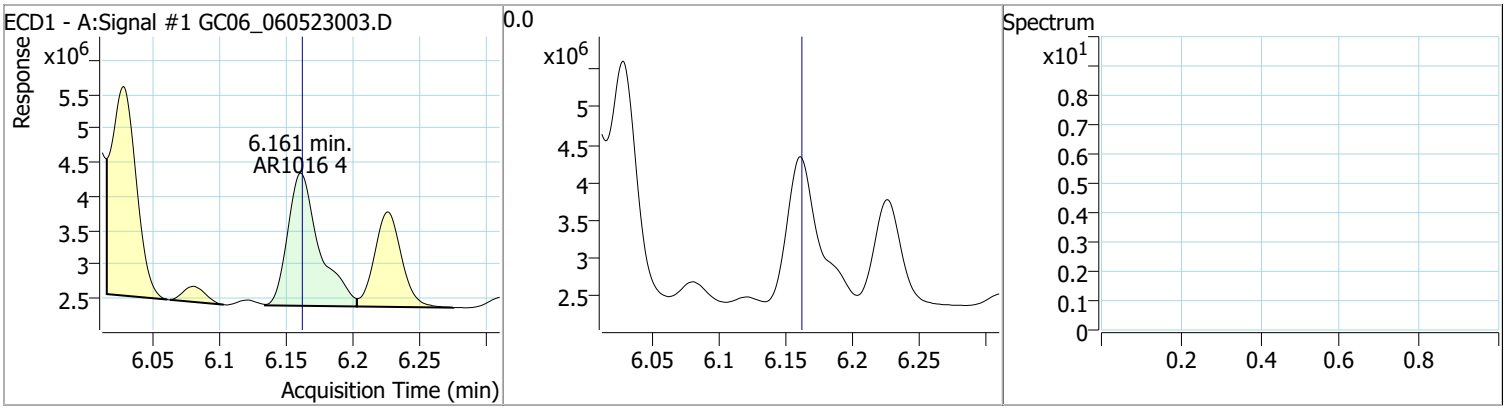
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	444.3167	6.03	0.00	4412727				



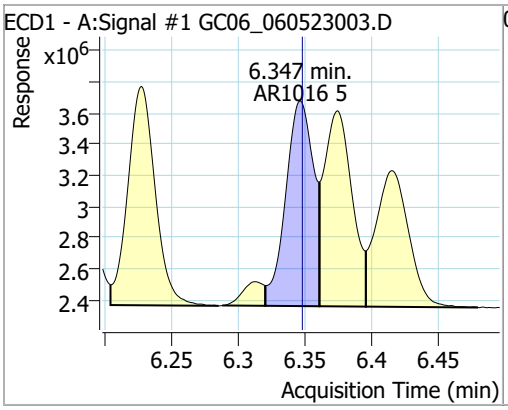
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	427.9935	6.16	0.00	9005079				

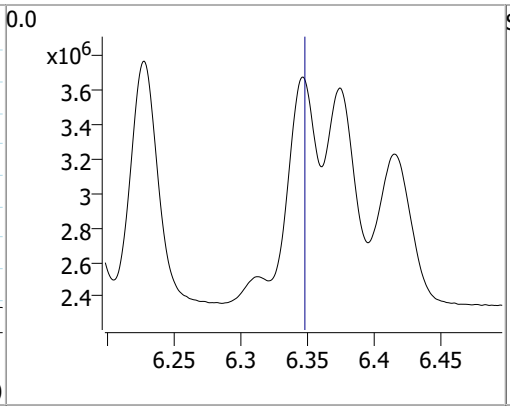


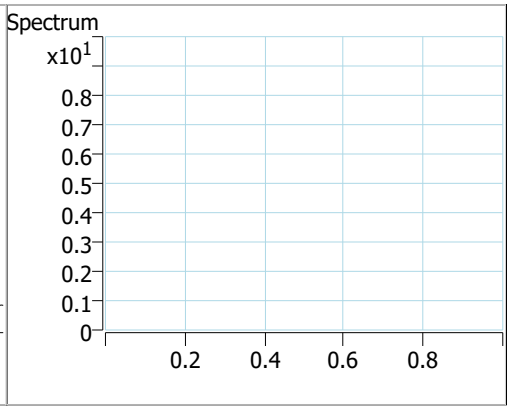
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4	542.0348	6.16	0.00	3244659				



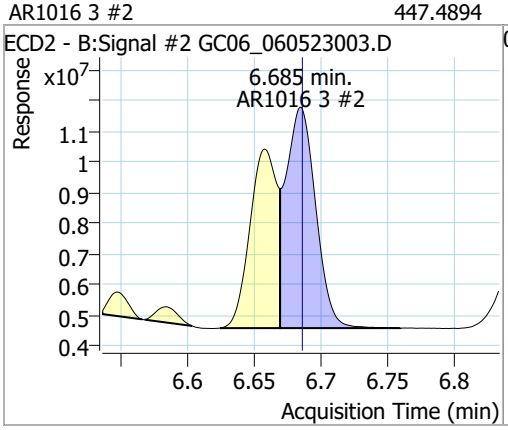
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	418.8593	6.35	0.00	1917609				

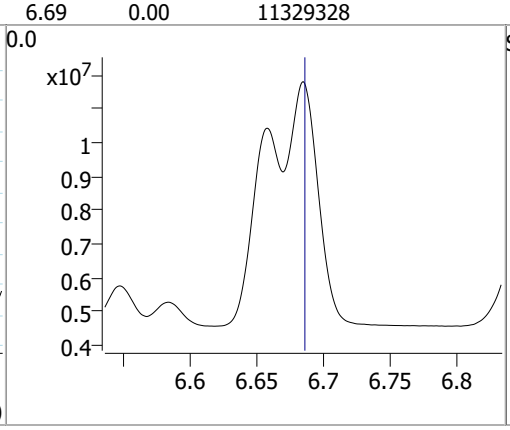


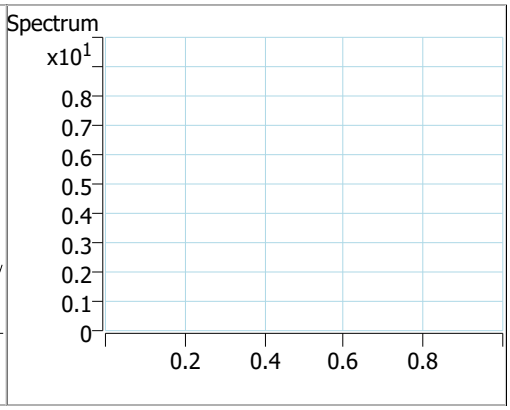




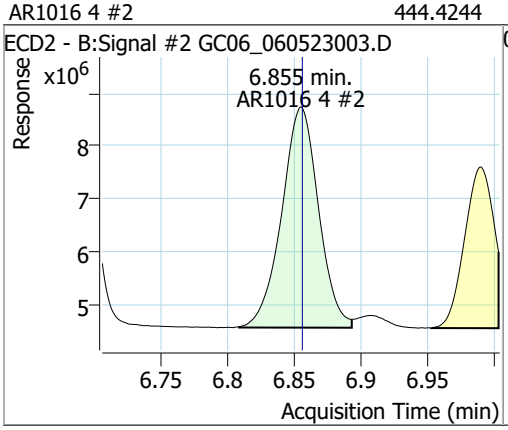
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	447.4894	6.69	0.00	11329328				

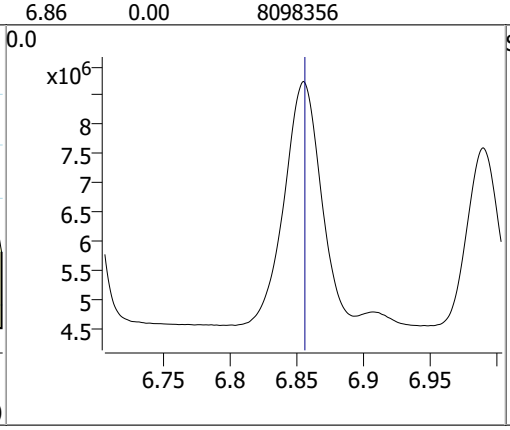


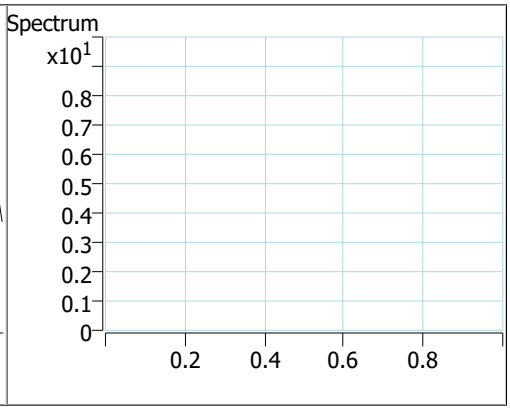




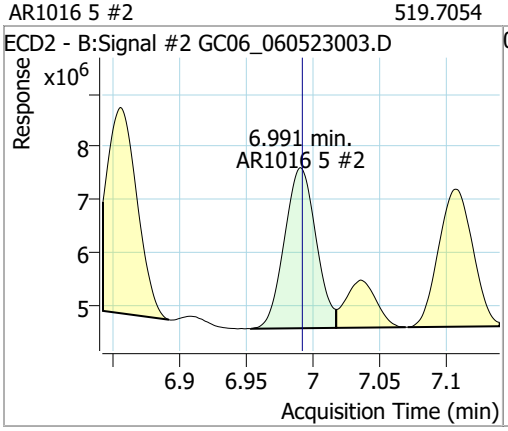
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4 #2	444.4244	6.86	0.00	8098356				

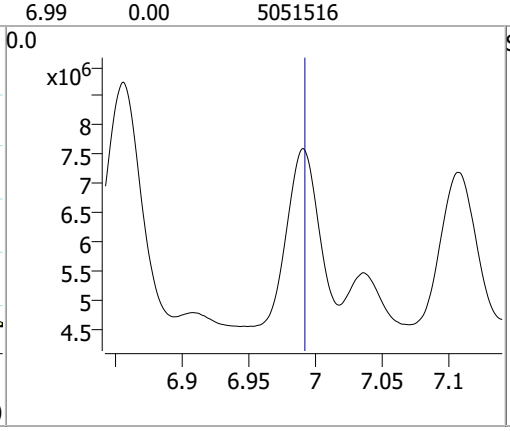


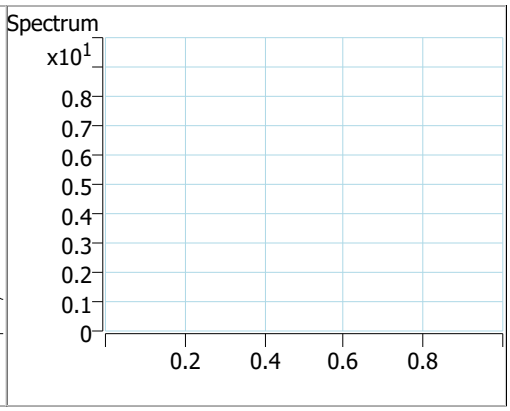




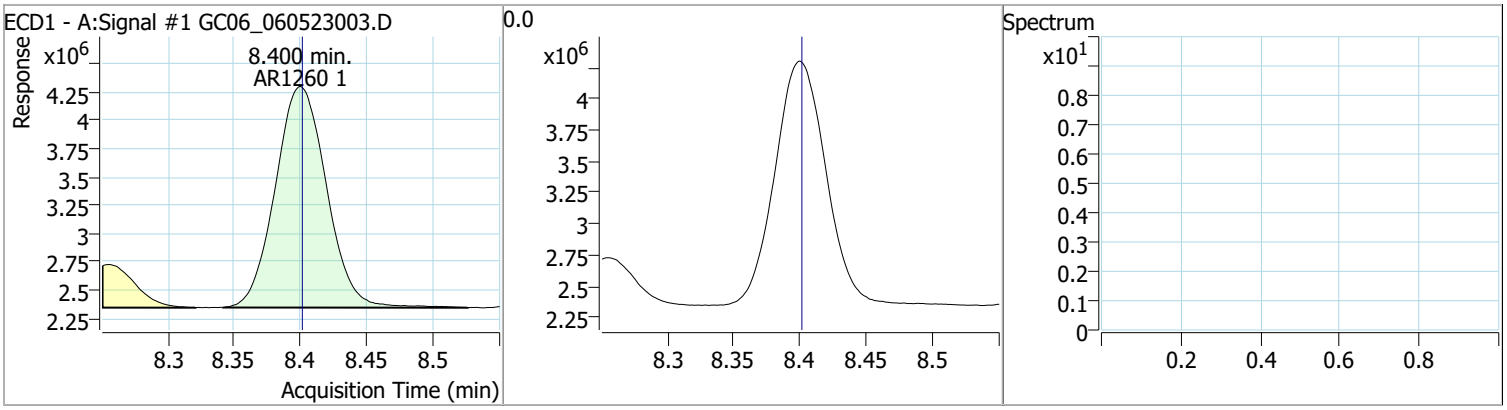
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	519.7054	6.99	0.00	5051516				



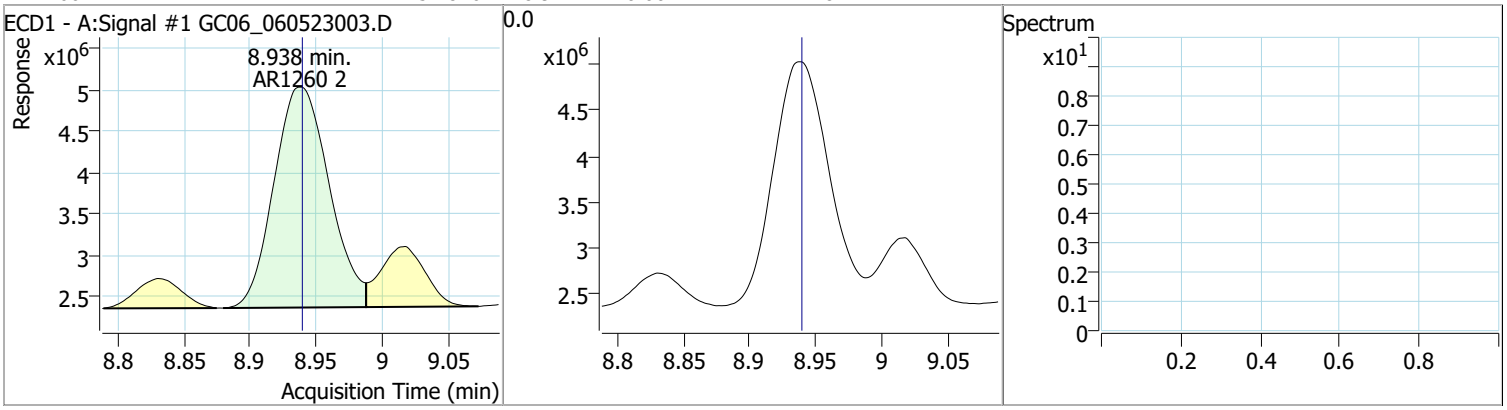




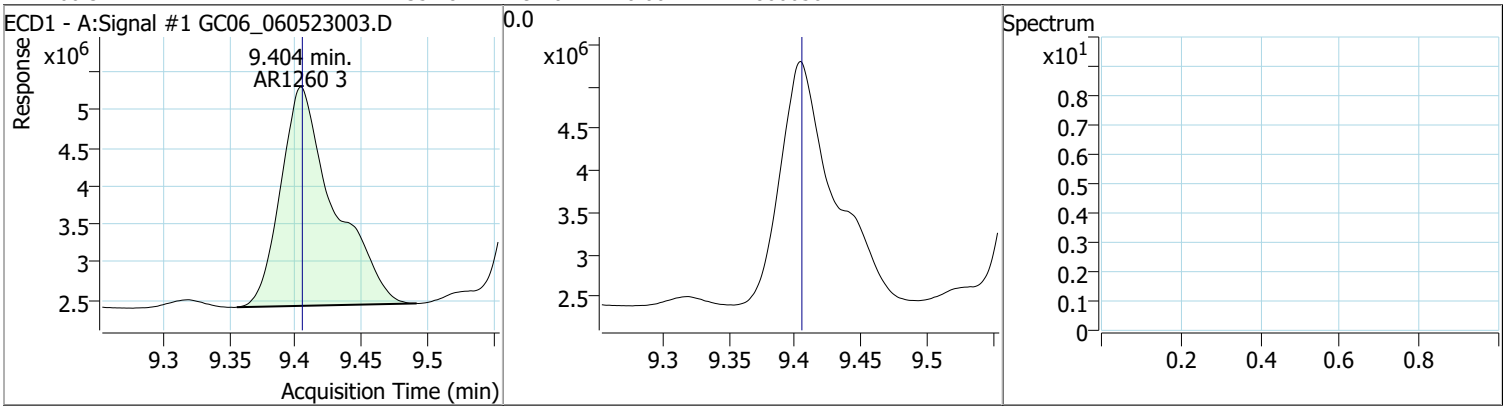
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	462.7289	8.40	0.00	5250832				



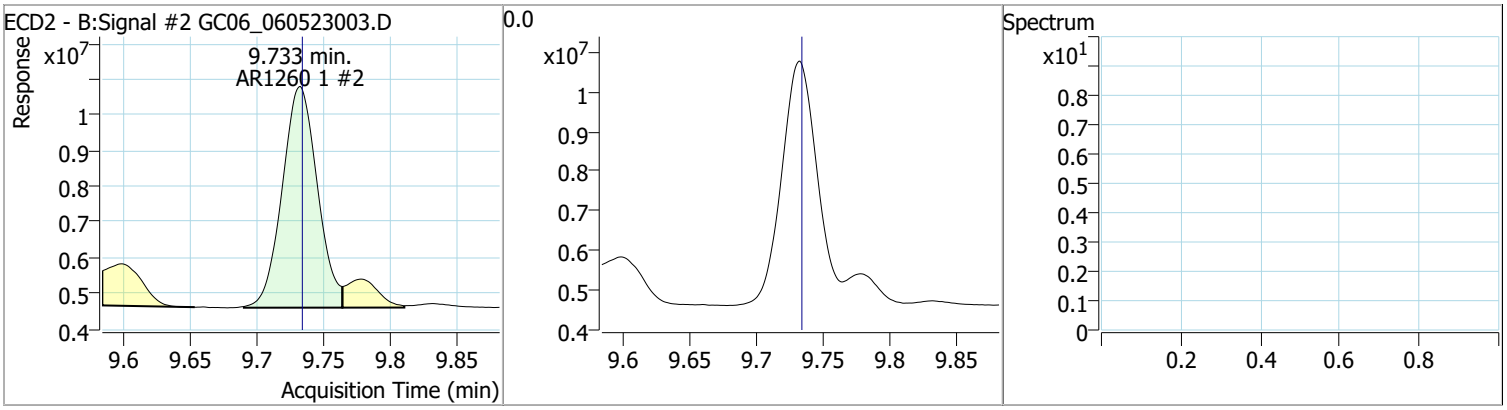
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	445.7876	8.94	0.00	7722448				



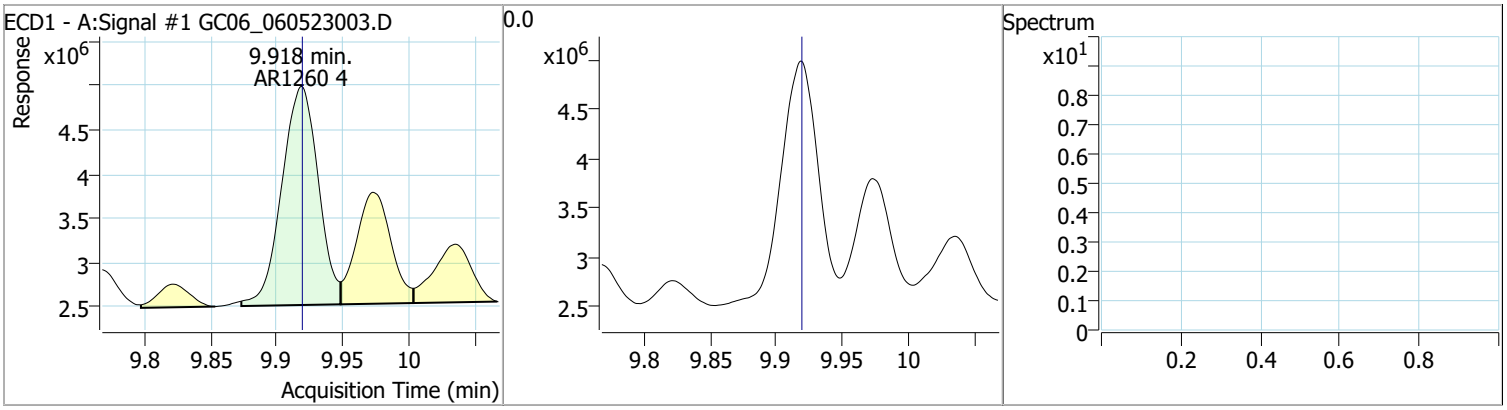
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3	435.7844	9.40	0.00	8066501				



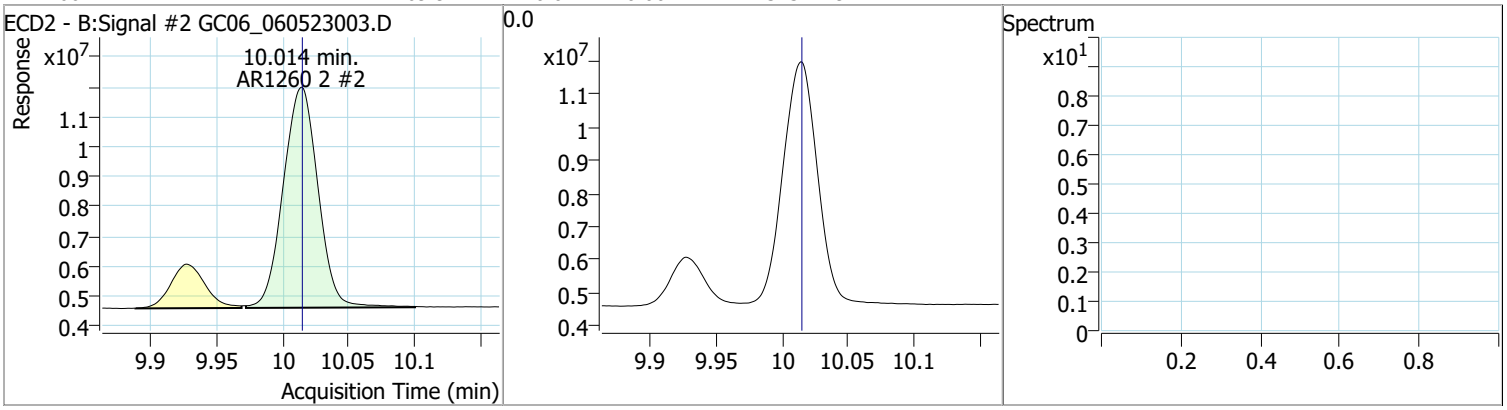
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1 #2	450.9918	9.73	0.00	11437299				



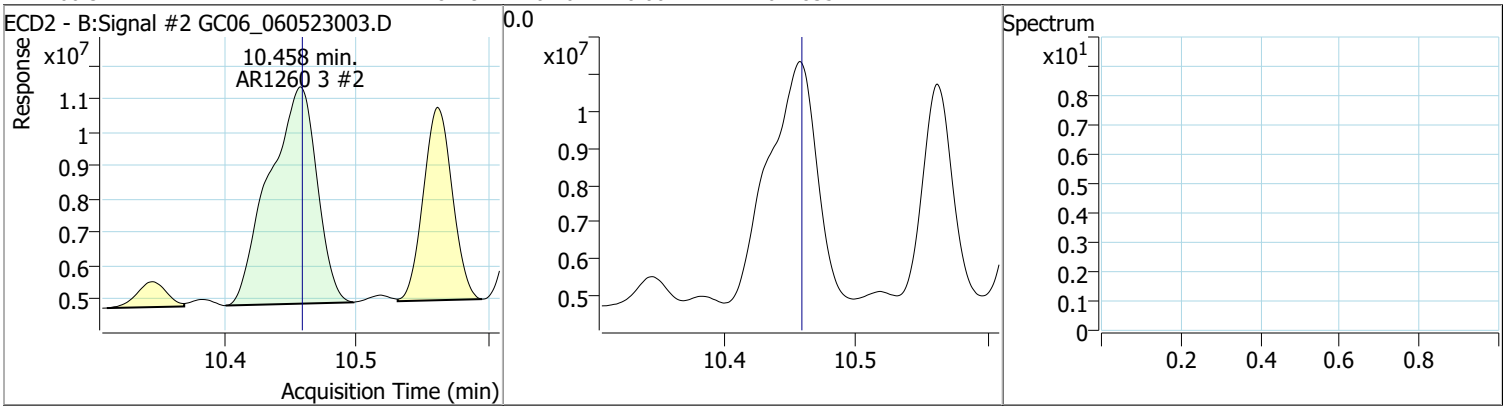
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4	470.0186	9.92	0.00	4740002				



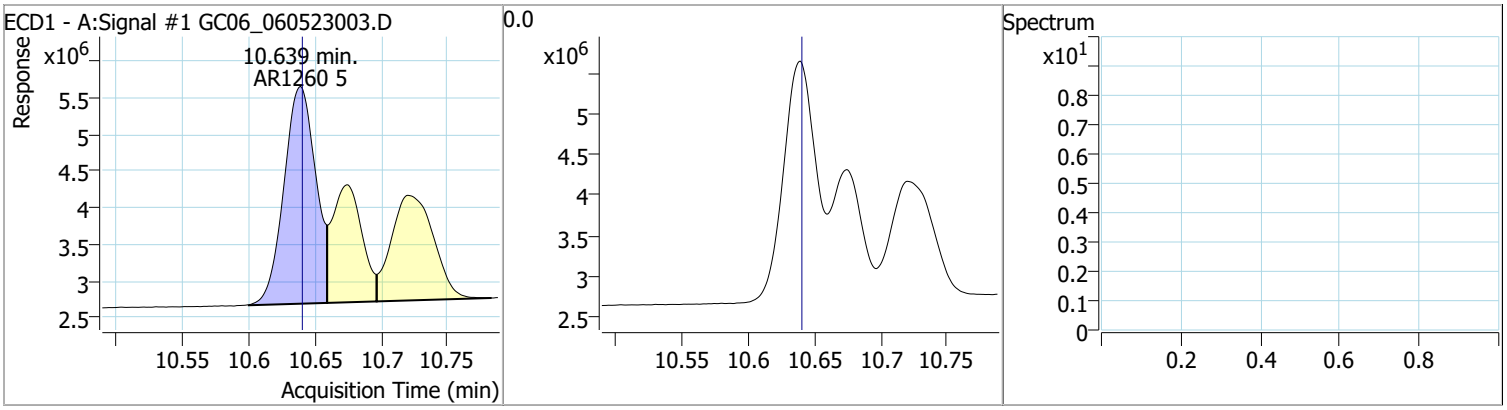
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	469.9421	10.01	0.00	13437229				



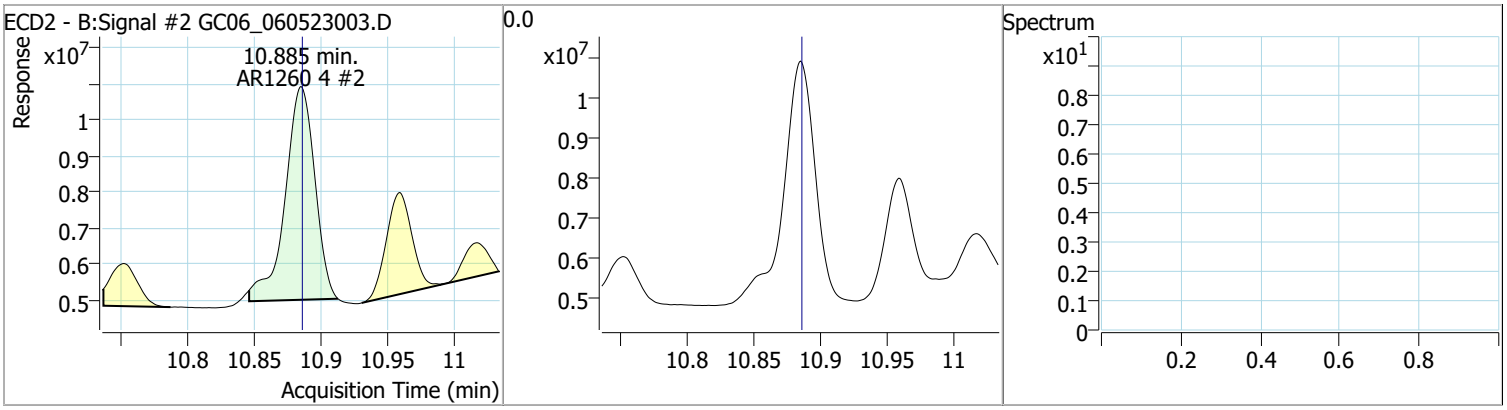
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3 #2	444.8749	10.46	0.00	16278357				



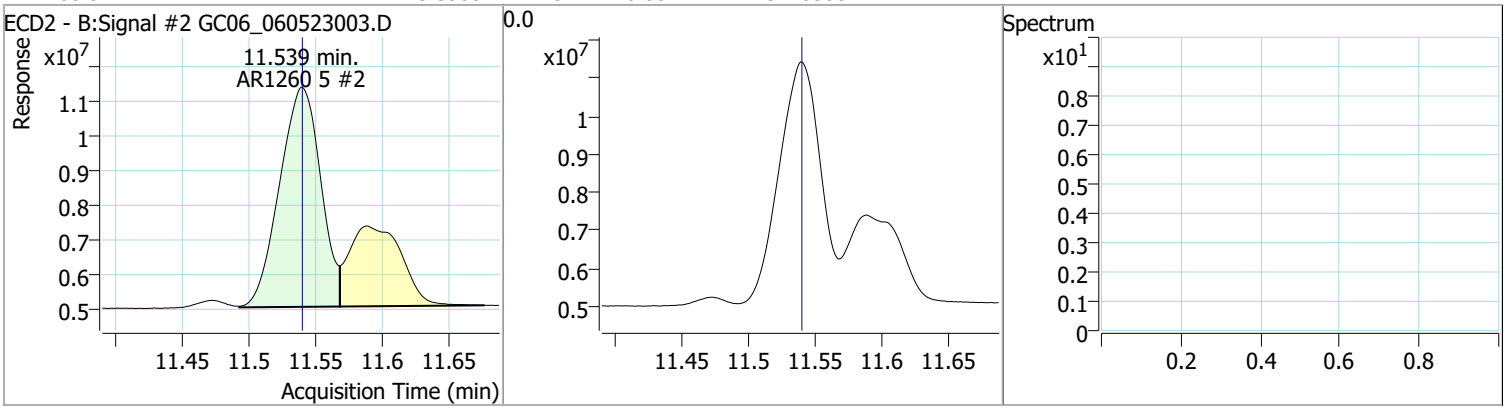
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	311.3096	10.64	0.00	4964069				



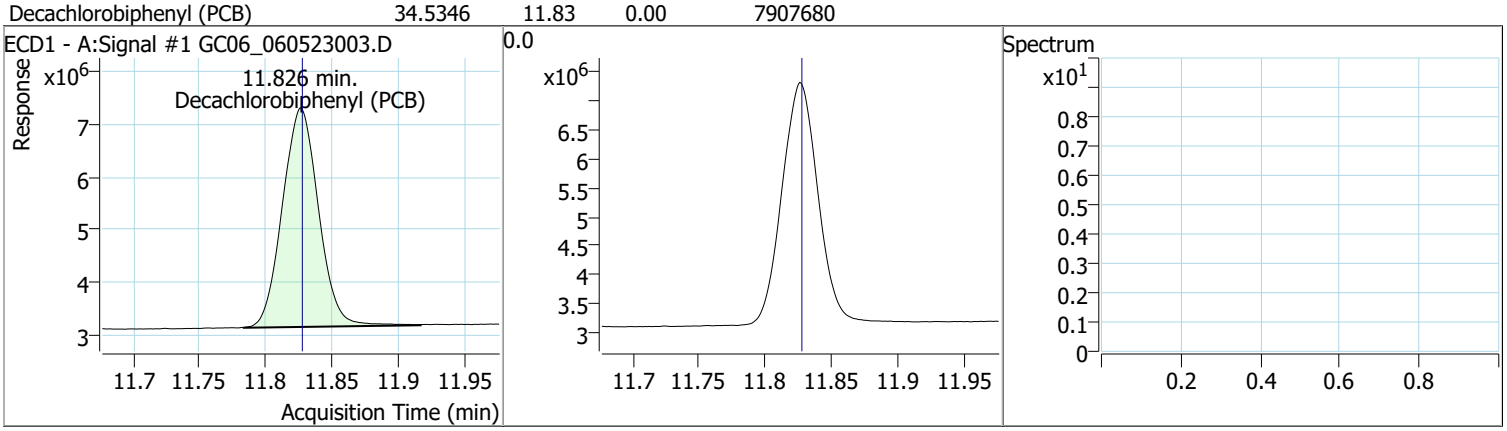
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	430.8218	10.89	0.00	9207761				



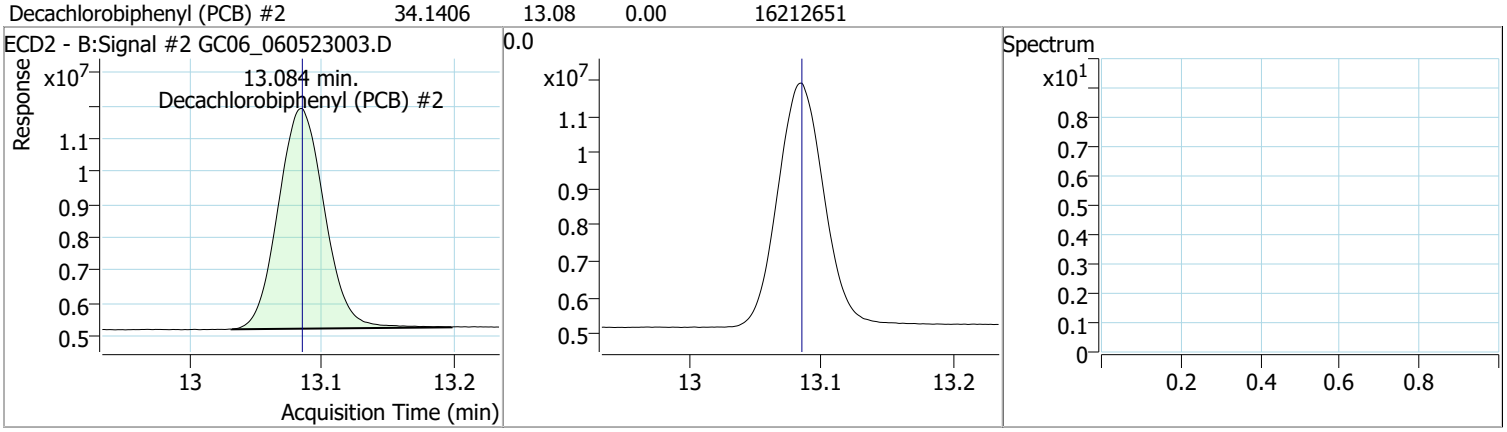
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	443.5500	11.54	0.00	13740506				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	34.5346	11.83	0.00	7907680				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	34.1406	13.08	0.00	16212651				



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enthalpy.com

Lab Job Number: 486134
Report Level: IV
Report Date: 06/21/2023

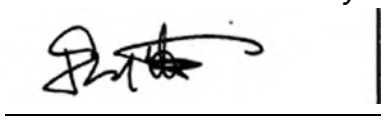
Metals

Analytical Report *prepared for:*

Austin Moore
Rincon Consultants
449 15th Street
#303
Oakland, CA 94612

Project: 20-10491 - Hangar 1 NTCRA

Authorized for release by:



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(510) 204-2233 Ext 13112
john.goyette@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105

ENTHALPY ANALYTICAL

Sample Summary

Austin Moore
Rincon Consultants
449 15th Street
#303
Oakland, CA 94612

Lab Job #:	486134
Project No:	20-10491
Location:	Hangar 1 NTCRA
Date Received:	06/01/23

Sample ID	Lab ID	Collected	Matrix
AFRAME-C6E-MED-L3-EXT-1 TO 2-230601-L-WF	486134-002	06/01/23 08:45	Wipe
AFRAME-C6E-MED-L3-EXT-1 TO 2-230601-L-DUP-WF	486134-003	06/01/23 08:45	Wipe
AFRAME-C6E-LAT-L3-UP-C6.7-DG-230601-L-LA	486134-006	06/01/23 08:20	Wipe
AFRAME-C6E-MED-L3-UP-C6.5-HM-230601-L-CB	486134-008	06/01/23 08:35	Wipe
AFRAME-C7E-LAT-L3-EXT-1 TO 2-230601-L-WF	486134-010	06/01/23 08:10	Wipe
AFRAME-C7E-LAT-L3-EXT-1 TO 2-230601-L-DUP-WF	486134-011	06/01/23 08:10	Wipe
AFRAME-C7E-LAT-L3-UP-C7.1-DG-230601-L-LA	486134-014	06/01/23 07:55	Wipe
AFRAME-C7E-MED-L3-UP-C7.6-HM-230601-L-CB	486134-016	06/01/23 07:45	Wipe
AFRAME-C6E-LAT-L3-UP-C6.4-DG-230601-L-LA	486134-018	06/01/23 09:35	Wipe
AFRAME-C6E-MED-L3-UP-C6E-DG-230601-L-LA	486134-020	06/01/23 09:50	Wipe
AFRAME-C7E-MED-L3-UP-C7E-DG-230601-L-LA	486134-022	06/01/23 09:25	Wipe
AFRAME-C7E-LAT-L3-UP-C7.3-DG-230601-L-LA	486134-024	06/01/23 09:15	Wipe

Case Narrative

METALS (EPA 6010B)

Rincon Consultants 449 15th Street #303 Oakland, CA 94612 Austin Moore	Lab Job Number: 486134 Project No: 20-10491 Location: Hangar 1 NTCRA Date Received: 06/01/23

This data package contains sample and QC results for twelve wipe samples, requested for the above referenced project on 06/02/23. See attached cooler receipt form for any sample receipt problems or discrepancies. This report was revised and reissued on 6/15/23 to correct a sample ID.

Metals (EPA 6010B):
No analytical problems were encountered.

Chain of Custody

ENTHALPY ANALYTICAL

Chain of Custody Record

COC ID: 486134

Page: 1 of 2

Turn Around Time (rush by advanced notice only)

Standard:	X (PCBs)	5 Day:		3 Day:	
2 Day:		1 Day:	X (PB)	custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Report: Level IV

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants, Inc.	Quote #:	RIN031721
Report To:	Lindsay Parker	Proj. Name:	Hangar 1 - NCTRA WP
Email:	lparker@rinconconsultants.com	Proj. #:	20-10491
Address:	449 15th Street, Suite 303	P.O. #:	
	Oakland, California 94612	Address:	158 Cody Road, Mountain View, CA
Phone:	(651) 890-9556	Global ID:	
Fax:		Sampled By:	T. Sinnott + M. Kim

Test Instructions / Comments

Confirmation Wipe Samples - Level IV Report/Stage 3 Validation

Report PCB concentrations on a µg/100cm2 basis

Report lead concentrations on a µg/ft2 basis

Report Aroclor 1268 concentrations in addition to the standard Aroclors

Wipe samples collected from Zone 4 Enclosure A/B (High Occupancy)

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	PCBs - EPA Method 3546/8082	Lead by EPA Method 3050M/6010B	HOLD
1	AFRAME-C6E-MED-L3-EXT-I TO 2-230601-P- WF	6/1/2023	0845	WP	1	--	X		
2	AFRAME-C6E-MED-L3-EXT-I TO 2-230601-L- WF	6/1/2023	0845	WP	1	--		X	
3	AFRAME-C6E-MED-L3-EXT-I TO 2-230601-L-DUP- WF	6/1/2023	0845	WP	1	--		X	
4	AFRAME-C6E-LAT-L3-UP-C6.7-DG-230601-P- LA	6/1/2023	0820	WP	1	--	X		
5	AFRAME-C6E-LAT-L3-UP-C6.7-DG-230601-P-DUP- LA	6/1/2023	0820	WP	1	--	X		
6	AFRAME-C6E-LAT-L3-UP-C6.7-DG-230601-L- LA	6/1/2023	0820	WP	1	--		X	
7	AFRAME-C6E-MED-L3-UP-C6.5-HM-230601-P- LA	6/1/2023	0835	WP	1	--	X		
8	AFRAME-C6E-MED-L3-UP-C6.5-HM-230601-L- LA	6/1/2023	0835	WP	1	--		X	
9	AFRAME-C7E-LAT-L3-EXT-I TO 2-230601-P- WF	6/1/2023	0810	WP	1	--	X		
10	AFRAME-C7E-LAT-L3-EXT-I TO 2-230601-L- WF	6/1/2023	0810	WP	1	--		X	
11	AFRAME-C7E-LAT-L3-EXT-I TO 2-230601-L-DUP- WF	6/1/2023	0810	WP	1	--		X	
12	AFRAME-C7E-LAT-L3-UP-C7.1-DG-230601-P- LA	6/1/2023	0755	WP	1	--	X		
13	AFRAME-C7E-LAT-L3-UP-C7.1-DG-230601-P-DUP- LA	6/1/2023	0755	WP	1	--	X		
14	AFRAME-C7E-LAT-L3-UP-C7.1-DG-230601-L- LA	6/1/2023	0755	WP	1	--		X	
15	AFRAME-C7E-MED-L3-UP-C7.6-HM-230601-P- CB	6/1/2023	0745	WP	1	--	X		

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:	TSinnott	Tyler Sinnott	Rincon / Envi. Scientist	6/1/23 / 1540
[1] Received By:	Audrey Hudson	Audrey Hudson	ENTHALPY "	6/1/23 15:40
[2] Relinquished By:	Audrey Hudson	JSP	Enthalpy	6/1/23 18:24
[2] Received By:		Jacob Hahn	EA	6-1-23 1937
[3] Relinquished By:		ZAHP	EA	6/02/23 1000 am
[3] Received By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

COC ID: 486134

Page: 2 of 2

Turn Around Time (rush by advanced notice only)

Standard:	X (PCBs)	5 Day:		3 Day:	
2 Day:		1 Day:	X (PB)	custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

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Report: Level IV

Sample Receipt Temp: (lab use only)

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Report To:	Lindsay Parker	Proj. Name:	Hangar 1 - NCTRA WP
Email:	lparker@rinconconsultants.com	Proj. #:	20-10491
Address:	449 15th Street, Suite 303	P.O. #:	
	Oakland, California 94612	Address:	158 Cody Road, Mountain View, CA
Phone:	(651) 890-9556	Global ID:	
Fax:		Sampled By:	T. Sinnott + M. Kim

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	PCBs - EPA Method 3546/8082	Lead by EPA Method 3050M/6010B	HOLD
16	AFRAME-C7E-MED-L3-UP-C7.6-HM-230601-L- CB	6/1/2023	0745	WP	1	--		X	
17	AFRAME-C6E-LAT-L3-UP-C6.4-DG-230601-P- LA	6/1/2023	0935	WP	1	--	X		
18	AFRAME-C6E-LAT-L3-UP-C6.4-DG-230601-L- LA	6/1/2023	0935	WP	1	--		X	
19	AFRAME-C6E-MED-L3-UP-C6E-DG-230601-P- LA	6/1/2023	0950	WP	1	--	X		
20	AFRAME-C6E-MED-L3-UP-C6E-DG-230601-L- LA	6/1/2023	0950	WP	1	--		X	
21	AFRAME-C7E-MED-L3-UP-C7E-DG-230601-P- LA	6/1/2023	0925	WP	1	--	X		
22	AFRAME-C7E-MED-L3-UP-C7E-DG-230601-L- LA	6/1/2023	0925	WP	1	--		X	
23	AFRAME-C7E-LAT-L3-UP-C7.3-DG-230601-P- LA	6/1/2023	0915	WP	1	--	X		
24	AFRAME-C7E-LAT-L3-UP-C7.3-DG-230601-L- LA	6/1/2023	0915	WP	1	--		X	
25									
26									
27									
28									
29									
30									

Analysis Request

Test Instructions / Comments

Confirmation Wipe Samples - Level IV Report/Stage 3 Validation

Report PCB concentrations on a µg/100cm2 basis

Report lead concentrations on a µg/ft2 basis

Report Aroclor 1268 concentrations in addition to the standard Aroclors

Wipe samples collected from Zone 4 Enclosure A/B (High Occupancy)

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	TSinnott	Tyler Sinnott	Rincon / Envi. Scientist	6/1/23 / 1540
1 Received By:	Audrey Hudson	AUDREY HUDSON	ENTHALPY	6/1/23 15.40
2 Relinquished By:	Audrey Hudson	"	"	6/1/23 18:24
2 Received By:		JJP	Enthalpy	6.1.23 18:24

Rel- Jacob Hahn EA 6-1-23 1937

REC: 2210 P. 6/02/23 1000 AM.

SAMPLE RECEIPT CHECKLIST

Section 1: Login # 486134 Client: Rincon

Date Received: 6/1/23 Project: _____

ENTHALPY

Section 2: Shipping info (if applicable) _____

Are custody seals present? ☒ No, or ☐ Yes. If yes, where? ☐ on cooler, ☐ on samples, ☐ on package

☐ Date: _____ How many _____ ☐ Signature, ☐ Initials, ☐ None

Were custody seals intact upon arrival? ☐ Yes ☐ No ☐ N/A

Samples received in a cooler? ☒ Yes, how many? 1 ☐ No (**skip Section 3 below**)

If no cooler Sample Temp (°C): _____ using IR Gun # ☐ B, or ☐ C

☒ Samples received on ice directly from the field. Cooling process had begun

If in cooler: Date Opened 6/1/23 By (print) MAG for STH (sign) _____

Section 3: ***Important*: Notify PM if temperature exceeds 6°C or arrive frozen.**

Packing in cooler: (if other, describe) _____

☐ Bubble Wrap, ☐ Foam blocks, ☒ Bags, ☐ None, ☐ Cloth material, ☐ Cardboard, ☐ Styrofoam, ☐ Paper towels

☒ Samples received on ice directly from the field. Cooling process had begun

Type of ice used : ☐ Wet, ☐ Blue/Gel, ☐ None Temperature blank(s) included? ☐ Yes, ☐ No

Temperature measured using ☐ Thermometer ID: _____, or IR Gun # ☐ B ☐ C

Cooler Temp (°C): #1: _____, #2: _____, #3: _____, #4: _____, #5: _____, #6: _____, #7: _____

Section 4:	YES	NO	N/A
Were custody papers dry, filled out properly, and the project identifiable	✓		
Were Method 5035 sampling containers present?		✓	
If YES, what time were they transferred to freezer? _____			
Did all bottles arrive unbroken/unopened?	✓		
Are there any missing / extra samples?			
Are samples in the appropriate containers for indicated tests?			
Are sample labels present, in good condition and complete?			
Does the container count match the COC?			
Do the sample labels agree with custody papers?			
Was sufficient amount of sample sent for tests requested?			
Did you change the hold time in LIMS for unpreserved VOAs?			
Did you change the hold time in LIMS for preserved terracores?			
Are bubbles > 6mm present in VOA samples?			
Was the client contacted concerning this sample delivery?			
If YES, who was called? _____ By _____ Date: _____			

Section 5:	YES	NO	N/A
Are the samples appropriately preserved? (if N/A, skip the rest of section 5)			
Did you check preservatives for all bottles for each sample?			
Did you document your preservative check?			

pH strip lot# _____, pH strip lot# _____, pH strip lot# _____

Preservative added:

☐ H2SO4 lot# _____ added to samples _____ on/at _____

☐ HCL lot# _____ added to samples _____ on/at _____

☐ HNO3 lot# _____ added to samples _____ on/at _____

☐ NaOH lot# _____ added to samples _____ on/at _____

Section 6:

Explanations/Comments: _____

Date Logged in 6/1/23 **By (print)** MAG for JJP **(sign)** _____

Date Labeled 6/2/23 **By (print)** ORANGE SR **(sign)** _____

ENTHALPY ANALYTICAL

480134

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Rincon Consultants Project: Hangar 1 NTCRA

Date Received: 06/02/23 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 5.5 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: Southwest Airlines

Section 3

Was the cooler packed with: ☑ Ice ☑ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 1.9 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✔		
Are sample IDs present?	✔		
Are sampling dates & times present?	✔		
Is a relinquished signature present?	✔		
Are the tests required clearly indicated on the COC?	✔		
Are custody seals present?	✔		
If custody seals are present, were they intact?	✔		
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			✔
Did all samples arrive intact? If no, indicate in Section 4 below.	✔		
Did all bottle labels agree with COC? (ID, dates and times) 2D 6/2/23	~~✔~~	*✓	
Were the samples collected in the correct containers for the required tests?	✔		
Are the containers labeled with the correct preservatives?			✔
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✔
Was a sufficient amount of sample submitted for the requested tests?	✔		

Section 5 Explanations/Comments

* 2 JARS WERE RECEIVED LABELED AS #24. PHOTOS WERE TAKEN AND SENT TO PM FOR VERIFICATION ON WHICH BELONGS TO #23 & #24. - 2D

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☑ Email (email sent to/on): MAG / 6/02/23

Project Manager's response:

Completed By: _____ Date: JUN 02 2023


SOUTHWEST AIRLINES
Printed on:
01 JUN 20:47
526 OAK 8900 6982
SNA
PC#
2 OF 3
DG
G
LOT WT
110 LB
(49.9 KG)
OAK WN 1212 02 JUN 06:40
STN FLT DATE ETD LOT 01
PC ID: 0002
PC WT: 37LB
S
526 89006982 0002

1.9/5.5

ENTHALPY ANALYTICAL

Chain of Custody Record — COC ID: 486134 — Page: 1 of 2

Turn Around Time (rush by advanced notice only)

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Enthalpy Analytical - Orange
931 W. Barkley Avenue, Orange, CA 92868
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Report To:	Lindsay Parker	Proj. Name:	Hangar 1 - NCTRA WP
Email:	lparker@rinconconsultants.com	Proj. #:	20-10491
Address:	449 15th Street, Suite 303	P.O. #:	
	Oakland, California 94612	Address:	158 Cody Road, Mountain View, CA
Phone:	(651) 890-9556	Global ID:	
Fax:		Sampled By:	T. Sinnott + M. Kim

Test Instructions / Comments:

Confirmation Wipe Samples - Level IV Report/Stage 3 Validation

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Report lead concentrations on a µg/ft2 basis

Report Aroclor 1268 concentrations in addition to the standard Aroclors

Wipe samples collected from Zone 4 Enclosure A/B (High Occupancy)

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	PCBs - EPA Method 3546/8082	Lead by EPA Method 3050M/6010B	HOLD
1	AFRAME-C6E-MED-L3-EXT-1 TO 2-230601-P- WF	6/1/2023	0845	WP	1	–	X		
2	AFRAME-C6E-MED-L3-EXT-1 TO 2-230601-L- WF	6/1/2023	0845	WP	1	–		X	
3	AFRAME-C6E-MED-L3-EXT-1 TO 2-230601-L-DUP- WF	6/1/2023	0845						
4	AFRAME-C6E-LAT-L3-UP-C6.7-DG-230601-P- LA	6/1/2023	08						
5	AFRAME-C6E-LAT-L3-UP-C6.7-DG-230601-P-DUP- LA	6/1/2023	08						
6	AFRAME-C6E-LAT-L3-UP-C6.7-DG-230601-L- LA	6/1/2023	08						
7	AFRAME-C6E-MED-L3-UP-C6.5-HM-230601-P- LA	6/1/2023	07						
8	AFRAME-C6E-MED-L3-UP-C6.5-HM-230601-L- LA	6/1/2023	07						
9	AFRAME-C7E-LAT-L3-EXT-1 TO 2-230601-P- WF	6/1/2023	08						
10	AFRAME-C7E-LAT-L3-EXT-1 TO 2-230601-L- WF	6/1/2023	0810	WP	1	–		X	
11	AFRAME-C7E-LAT-L3-EXT-1 TO 2-230601-L-DUP- WF	6/1/2023	0810	WP	1	–		X	
12	AFRAME-C7E-LAT-L3-UP-C7.1-DG-230601-P- LA	6/1/2023	0755	WP	1	–	X		
13	AFRAME-C7E-LAT-L3-UP-C7.1-DG-230601-P-DUP- LA	6/1/2023	0755	WP	1	–	X		
14	AFRAME-C7E-LAT-L3-UP-C7.1-DG-230601-L- LA	6/1/2023	0755	WP	1	–		X	
15	AFRAME-C7E-MED-L3-UP-C7.6-HM-230601-P- CB	6/1/2023	0745	WP	1	–	X		

Sample IDs should be:
AFRAME-C6E-MED-L3-UP-C6.5-HM-230601-P-CB
and
AFRAME-C6E-MED-L3-UP-C6.5-HM-230601-L-CB

	Signature	Print Name	Company / Title	Date / Time
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2 Received By:		J.S.P.	Enthalpy	6-1-23 18:24
3 Relinquished By:		Jacob Hahn	EA	6-1-23 1937
3 Received By:		ZAP	EA	6/02/23 1000 am

ENTHALPY ANALYTICAL

Chain of Custody Record COC ID: 486134 Page: 2 of 2

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18	AFRAME-C6E-LAT-L3-UP-C6.4-DG-230601-L- LA	6/1/2023	0935	WP	1	–		X	
19	AFRAME-C6E-MED-L3-UP-C6E-DG-230601-P- LA	6/1/2023	0950	WP	1	–	X		
20	AFRAME-C6E-MED-L3-UP-C6E-DG-230601-L- LA	6/1/2023	0950	WP	1	–		X	
21	AFRAME-C7E-MED-L3-UP-C7E-DG-230601-P- LA	6/1/2023	0925	WP	1	–	X		
22	AFRAME-C7E-MED-L3-UP-C7E-DG-230601-L- LA	6/1/2023	0925	WP	1	–		X	
23	AFRAME-C7E-LAT-L3-UP-C7.3-DG-230601-P- LA	6/1/2023	0915	WP	1	–	X		
24	AFRAME-C7E-LAT-L3-UP-C7.3-DG-230601-L- LA	6/1/2023	0915	WP	1	–		X	
25									
26									
27									
28									
29									
30									

Analysis Request

Test Instructions / Comments

Confirmation Wipe Samples - Level IV Report/Stage 3 Validation

Report PCB concentrations on a µg/100cm2 basis

Report lead concentrations on a µg/ft2 basis

Report Aroclor 1268 concentrations in addition to the standard Aroclors

Wipe samples collected from Zone 4 Enclosure A/B (High Occupancy)

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:	TSinnott	Tyler Sinnott	Rincon / Envi. Scientist	6/1/23 / 1540
[1] Received By:	Audrey Hudson	AUDREY HUDSON	ENTHALPY	6/1/23 15:40
[2] Relinquished By:	Audrey Hudson	"	"	6/1/23 18:24
[2] Received By:		JJP	Enthalpy EA	6/1/23 18:24
		Jacob Hahn		6-1-23 1937

Rel-

REC: 2410 P. 6/02/23 1000 AM.

Results & QC Summary

ENTHALPY ANALYTICAL

Lead

Lab #: 486134 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C6E-MED-L3-EXT-1 TO 2-230601-L-WF **Batch#:** 315308 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 6010B
Lab ID: 486134-002 **Received:** 06/01/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 06/02/23
Dln Fac: 1.000 **Analyzed:** 06/02/23

486134-002 Analyte	Result	RL	Units
Lead	**160**	0.25	ug/ft2

Field ID: AFRAME-C6E-MED-L3-EXT-1 TO 2-230601-L-DUP-WF **Batch#:** 315308 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 6010B
Lab ID: 486134-003 **Received:** 06/01/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 06/02/23
Dln Fac: 1.000 **Analyzed:** 06/02/23

486134-003 Analyte	Result	RL	Units
Lead	**170**	0.25	ug/ft2

Field ID: AFRAME-C6E-LAT-L3-UP-C6.7-DG-230601-L-LA **Batch#:** 315308 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 6010B
Lab ID: 486134-006 **Received:** 06/01/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 06/02/23
Dln Fac: 1.000 **Analyzed:** 06/02/23

486134-006 Analyte	Result	RL	Units
Lead	**110**	0.25	ug/ft2

Field ID: AFRAME-C6E-MED-L3-UP-C6.5-HM-230601-L-CB **Batch#:** 315308 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 6010B
Lab ID: 486134-008 **Received:** 06/01/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 06/02/23
Dln Fac: 1.000 **Analyzed:** 06/02/23

486134-008 Analyte	Result	RL	Units
Lead	**62**	0.25	ug/ft2

Field ID: AFRAME-C7E-LAT-L3-EXT-1 TO 2-230601-L-WF **Batch#:** 315308 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 6010B
Lab ID: 486134-010 **Received:** 06/01/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 06/02/23
Dln Fac: 1.000 **Analyzed:** 06/02/23

486134-010 Analyte	Result	RL	Units
Lead	**250**	0.25	ug/ft2

ENTHALPY ANALYTICAL

Lead

Lab #: 486134 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C7E-LAT-L3-EXT-1 TO 2-230601-L-DUP-WF **Batch#:** 315308 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 6010B
Lab ID: 486134-011 **Received:** 06/01/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 06/02/23
Dln Fac: 1.000 **Analyzed:** 06/02/23

486134-011 Analyte	Result	RL	Units
Lead	**280**	0.25	ug/ft2

Field ID: AFRAME-C7E-LAT-L3-UP-C7.1-DG-230601-L-LA **Batch#:** 315308 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 6010B
Lab ID: 486134-014 **Received:** 06/01/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 06/02/23
Dln Fac: 1.000 **Analyzed:** 06/02/23

486134-014 Analyte	Result	RL	Units
Lead	**110**	0.25	ug/ft2

Field ID: AFRAME-C7E-MED-L3-UP-C7.6-HM-230601-L-CB **Batch#:** 315308 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 6010B
Lab ID: 486134-016 **Received:** 06/01/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 06/02/23
Dln Fac: 1.000 **Analyzed:** 06/02/23

486134-016 Analyte	Result	RL	Units
Lead	**140**	0.25	ug/ft2

Field ID: AFRAME-C6E-LAT-L3-UP-C6.4-DG-230601-L-LA **Batch#:** 315308 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 6010B
Lab ID: 486134-018 **Received:** 06/01/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 06/02/23
Dln Fac: 1.000 **Analyzed:** 06/02/23

486134-018 Analyte	Result	RL	Units
Lead	**69**	0.25	ug/ft2

Field ID: AFRAME-C6E-MED-L3-UP-C6E-DG-230601-L-LA **Batch#:** 315308 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 6010B
Lab ID: 486134-020 **Received:** 06/01/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 06/02/23
Dln Fac: 1.000 **Analyzed:** 06/02/23

486134-020 Analyte	Result	RL	Units
Lead	**71**	0.25	ug/ft2

ENTHALPY ANALYTICAL

Lead

Lab #: 486134 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C7E-MED-L3-UP-C7E-DG-230601-L-LA **Batch#:** 315308 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 6010B
Lab ID: 486134-022 **Received:** 06/01/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 06/02/23
Dil n Fac: 1.000 **Analyzed:** 06/02/23

486134-022 Analyte	Result	RL	Units
Lead	**81**	0.25	ug/ft2

Field ID: AFRAME-C7E-LAT-L3-UP-C7.3-DG-230601-L-LA **Batch#:** 315308 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 6010B
Lab ID: 486134-024 **Received:** 06/01/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 06/02/23
Dil n Fac: 1.000 **Analyzed:** 06/02/23

486134-024 Analyte	Result	RL	Units
Lead	**140**	0.25	ug/ft2

Type: BLANK **Batch#:** 315308 **Analysis:** EPA 6010B
Lab ID: QC1070382 **Prepared:** 06/02/23 **Analyst:** SBW
Matrix: Wipe **Analyzed:** 06/02/23
Dil n Fac: 1.000 **Prep:** EPA 3050B

QC1070382 Analyte	Result	RL	Units
Lead	ND	0.25	ug/ft2

Legend
ND: Not Detected
RL: Reporting Limit

ENTHALPY ANALYTICAL

Lead: Batch QC

Lab #: 486134 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Type: BS **Batch#:** 315308 **Analysis:** EPA 6010B

Lab ID: QC1070383 **Prepared:** 06/02/23 **Analyst:** SBW

Matrix: Wipe **Analyzed:** 06/02/23

DiIn Fac: 1.000 **Prep:** EPA 3050B

QC1070383 Analyte	Spiked	Result	%REC	Limits	Units
Lead	50.00	50.26	101	80-120	ug/ft2

Type: BSD **Batch#:** 315308 **Analysis:** EPA 6010B

Lab ID: QC1070384 **Prepared:** 06/02/23 **Analyst:** SBW

Matrix: Wipe **Analyzed:** 06/02/23

DiIn Fac: 1.000 **Prep:** EPA 3050B

QC1070384 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
Lead	50.00	49.97	100	80-120	ug/ft2	1	20

Legend

RPD: Relative Percent Difference

REPORTING SUMMARY FOR 486134 METALS Wipe
Enthalpy Analytical - Orange

Lab ID	Inst ID	Analyzed	IDF	PB
486134-002	MET06	06/02/23 19:55	1.0	✓
486134-003	MET06	06/02/23 19:58	1.0	✓
486134-006	MET06	06/02/23 20:01	1.0	✓
486134-008	MET06	06/02/23 20:05	1.0	✓
486134-010	MET06	06/02/23 20:08	1.0	✓
486134-011	MET06	06/02/23 20:11	1.0	✓
486134-014	MET06	06/02/23 20:14	1.0	✓
486134-016	MET06	06/02/23 20:18	1.0	✓
486134-018	MET06	06/02/23 20:21	1.0	✓
486134-020	MET06	06/02/23 20:31	1.0	✓
486134-022	MET06	06/02/23 20:34	1.0	✓
486134-024	MET06	06/02/23 20:37	1.0	✓
QC1070382	MET06	06/02/23 19:39	1.0	✓
QC1070383	MET06	06/02/23 19:42	1.0	✓
QC1070384	MET06	06/02/23 19:52	1.0	✓

Enthalpy Sequence Summary for Sequence 483220849

Instrument: MET06 Begun: 06/02/23 08:49

Method: EPA 6010B

#	File	Type	Sample ID	Matrix	Batch	Analyzed	IDF	Stds Used	
001	met06_master011	ICALBLK	CALBLANK			06/02/23 08:49	1.0	1	
002	met06_master011	ICAL	L1			06/02/23 08:52	1.0	2 1	
003	met06_master011	ICAL	L2			06/02/23 08:55	1.0	3 1	
004	met06_master011	ICAL	L3			06/02/23 08:58	1.0	4 1	
005	met06_master011	ICAL	L4			06/02/23 09:02	1.0	5 1	
006	met06_master011	ICAL	L5			06/02/23 09:05	1.0	6 1	
007	met06_master011	ICAL	L6			06/02/23 09:08	1.0	7 1	
008	met06_master011	ICAL	L7			06/02/23 09:12	1.0	8 1	
009	met06_master011	ICAL	L8			06/02/23 09:15	1.0	9 1	
010	met06_master011	XICV				06/02/23 09:18	1.0	10 1	
011	met06_master011	CRI				06/02/23 09:22	1.0	11 1	
012	met06_master011	ICB				06/02/23 09:25	1.0	1	
013	met06_master011	ICV				06/02/23 09:28	1.0	10 1	
014	met06_master011	ICSA				06/02/23 09:32	1.0	12 1	6:MGASMGCO3=1400
015	met06_master011	ICSAB				06/02/23 09:35	1.0	13 1	6:MGASMGCO3=1400
016	met06_master011	MSS	485936-003	TCLP Leachate	315189	06/02/23 09:38	1.0	1	2:CAASCACO3=1600
017	met06_master011	CCV				06/02/23 09:41	1.0	10 1	
018	met06_master011	CCB				06/02/23 09:45	1.0	1	
019	met06_master011	BLANK	QC1070094	Soil	315219	06/02/23 09:54	1.0	1	
020	met06_master011	LCS	QC1070095	Soil	315219	06/02/23 09:57	1.0	1	
021	met06_master011	SAMPLE	485963-010	Soil	315048	06/02/23 10:00	1.0	1	3:FE=200
022	met06_master011	SAMPLE	485790-002	Miscell.	315219	06/02/23 10:04	1.0	1	
023	met06_master011	SAMPLE	486012-002	Miscell.	315219	06/02/23 10:07	1.0	1	3:ZN=380
024	met06_master011	SAMPLE	486012-004	Miscell.	315219	06/02/23 10:10	1.0	1	5:ZN=130
025	met06_master011	SAMPLE	486027-001	Soil	315219	06/02/23 10:13	1.0	1	3:FE=510
026	met06_master011	SAMPLE	486027-002	Soil	315219	06/02/23 10:17	1.0	1	5:CA=1000

Enthalpy Sequence Summary for Sequence 483220849

Instrument: MET06 Begun: 06/02/23 08:49

Method: EPA 6010B

#	File	Type	Sample ID	Matrix	Batch	Analyzed	IDF	Stds Used	
027	met06_master011	SAMPLE	486027-003	Soil	315219	06/02/23 10:20	1.0	1	3:FE=640
028	met06_master011	SAMPLE	486027-004	Soil	315219	06/02/23 10:23	1.0	1	2:FE=320
029	met06_master011	CCV				06/02/23 10:26	1.0	10 1	
030	met06_master011	CCB				06/02/23 10:30	1.0	1	
031	met06_master011	SAMPLE	486042-001	Soil	315219	06/02/23 10:33	1.0	1	2:FE=140
032	met06_master011	SAMPLE	486043-001	Soil	315219	06/02/23 10:36	1.0	1	2:FE=200
033	met06_master011	MSS	486049-001	Soil	315219	06/02/23 10:39	1.0	1	4:ALASAL2O3=190
034	met06_master011	MS	QC1070096	Soil	315219	06/02/23 10:43	1.0	1	4:ALASAL2O3=330
035	met06_master011	MSD	QC1070097	Soil	315219	06/02/23 10:46	1.0	1	4:FEASFE2O3=360
036	met06_master011	PDS	QC1070098	Soil	315219	06/02/23 10:49	1.0	1	4:ALASAL2O3=190
037	met06_master011	SAMPLE	486049-002	Soil	315219	06/02/23 10:52	1.0	1	3:FE=320
038	met06_master011	SAMPLE	486049-003	Soil	315219	06/02/23 10:56	1.0	1	3:FE=260
039	met06_master011	SAMPLE	486049-004	Soil	315219	06/02/23 10:59	1.0	1	3:FE=320
040	met06_master011	SAMPLE	486049-005	Soil	315219	06/02/23 11:02	1.0	1	3:FE=290
041	met06_master011	CCV				06/02/23 11:05	1.0	10 1	
042	met06_master011	CCB				06/02/23 11:09	1.0	1	
043	met06_master011	BLANK	QC1070111	Soil	315224	06/02/23 11:12	1.0	1	
044	met06_master011	LCS	QC1070112	Soil	315224	06/02/23 11:15	1.0	1	
045	met06_master011	SAMPLE	486049-006	Soil	315219	06/02/23 11:19	1.0	1	3:FE=280
046	met06_master011	SAMPLE	486049-007	Soil	315219	06/02/23 11:22	1.0	1	3:FE=260
047	met06_master011	SAMPLE	486073-001	Miscell.	315219	06/02/23 11:25	1.0	1	3:FE=780
048	met06_master011	SAMPLE	486085-001	Soil	315219	06/02/23 11:29	1.0	1	1:FE=34
049	met06_master011	SAMPLE	486085-002	Soil	315219	06/02/23 11:32	1.0	1	1:FE=40
050	met06_master011	SAMPLE	486088-001	Soil	315224	06/02/23 11:35	1.0	1	2:FE=220
051	met06_master011	SAMPLE	486088-003	Soil	315224	06/02/23 11:38	1.0	1	2:FE=210
052	met06_master011	MSS	486091-001	Soil	315224	06/02/23 11:42	1.0	1	4:FEASFE2O3=250

Instrument: MET06 Begun: 06/02/23 08:49
Method: EPA 6010B

#	File	Type	Sample ID	Matrix	Batch	Analyzed	IDF	Stds Used	
053	met06_master011	CCV				06/02/23 11:45	1.0	10 1	
054	met06_master011	CCB				06/02/23 11:48	1.0	1	
055	met06_master011	MS	QC1070116	Soil	315224	06/02/23 11:51	1.0	1	4:FEASFE2O3=280
056	met06_master011	MSD	QC1070117	Soil	315224	06/02/23 11:55	1.0	1	4:FEASFE2O3=240
057	met06_master011	PDS	QC1070118	Soil	315224	06/02/23 11:58	1.0	1	4:FEASFE2O3=250
058	met06_master011	SAMPLE	486091-002	Soil	315224	06/02/23 12:01	1.0	1	2:FE=190
059	met06_master011	SAMPLE	486091-003	Soil	315224	06/02/23 12:04	1.0	1	2:FE=120
060	met06_master011	SAMPLE	486091-004	Soil	315224	06/02/23 12:08	1.0	1	2:FE=180
061	met06_master011	SAMPLE	486091-005	Soil	315224	06/02/23 12:11	1.0	1	2:FE=170
062	met06_master011	SAMPLE	486091-006	Soil	315224	06/02/23 12:14	1.0	1	2:FE=180
063	met06_master011	SAMPLE	486091-007	Soil	315224	06/02/23 12:17	1.0	1	1:FE=91
064	met06_master011	SAMPLE	486091-008	Soil	315224	06/02/23 12:21	1.0	1	2:FE=180
065	met06_master011	CCV				06/02/23 12:24	1.0	10 1	
066	met06_master011	CCB				06/02/23 12:27	1.0	1	
067	met06_master011	SAMPLE	486091-009	Soil	315224	06/02/23 12:31	1.0	1	2:FE=180
068	met06_master011	SAMPLE	486091-010	Soil	315224	06/02/23 12:34	1.0	1	2:FE=160
069	met06_master011	SAMPLE	486091-011	Soil	315224	06/02/23 12:37	1.0	1	2:FE=190
070	met06_master011	SAMPLE	486091-012	Soil	315224	06/02/23 12:41	1.0	1	2:FE=190
071	met06_master011	SAMPLE	486091-013	Soil	315224	06/02/23 12:44	1.0	1	2:FE=150
072	met06_master011	SAMPLE	486091-014	Soil	315224	06/02/23 12:47	1.0	1	1:FE=86
073	met06_master011	SAMPLE	486091-015	Soil	315224	06/02/23 12:50	1.0	1	2:FE=190
074	met06_master011	SAMPLE	486012-002	Miscell.	315219	06/02/23 12:54	100.0	1	
075	met06_master011	SAMPLE	486012-004	Miscell.	315219	06/02/23 12:57	100.0	1	
076	met06_master011	SAMPLE	486027-001	Soil	315219	06/02/23 13:00	10.0	1	1:FE=73
077	met06_master011	CCV				06/02/23 13:05	1.0	10 1	
078	met06_master011	CCB				06/02/23 13:08	1.0	1	

Instrument: MET06 Begun: 06/02/23 08:49
Method: EPA 6010B

#	File	Type	Sample ID	Matrix	Batch	Analyzed	IDF	Stds Used	
079	met06_master011	SAMPLE	486027-002	Soil	315219	06/02/23 13:11	10.0	1	1:FE=66
080	met06_master011	SAMPLE	486027-003	Soil	315219	06/02/23 13:15	10.0	1	1:FE=100
081	met06_master011	SAMPLE	486007-001	Soil	315122	06/02/23 13:18	1.0	1	1:CA=2800
082	met06_master011	SAMPLE	486012-001	Miscell.	315122	06/02/23 13:21	100.0	1	
083	met06_master011	SAMPLE	486012-003	Miscell.	315122	06/02/23 13:24	100.0	1	
084	met06_master011	SAMPLE	486012-006	Water	315129	06/02/23 13:28	10.0	1	
085	met06_master011	CCV				06/02/23 13:31	1.0	10 1	
086	met06_master011	CCB				06/02/23 13:34	1.0	1	
087	met06_master011	BLANK	QC1070023	WET Leachate	315197	06/02/23 13:51	1.0	1	
088	met06_master011	BLANK	QC1070363	WET Leachate	315197	06/02/23 13:54	1.0	1	
089	met06_master011	BS	QC1070024	WET Leachate	315197	06/02/23 13:57	1.0	1	
090	met06_master011	BSD	QC1070025	WET Leachate	315197	06/02/23 14:01	1.0	1	
091	met06_master011	SAMPLE	484977-001	WET Leachate	315197	06/02/23 14:04	1.0	1	
092	met06_master011	SAMPLE	485542-005	WET Leachate	315197	06/02/23 14:07	1.0	1	
093	met06_master011	SAMPLE	485542-006	WET Leachate	315197	06/02/23 14:10	1.0	1	
094	met06_master011	SAMPLE	485699-006	WET Leachate	315197	06/02/23 14:14	1.0	1	
095	met06_master011	SAMPLE	485936-001	WET Leachate	315197	06/02/23 14:17	1.0	1	
096	met06_master011	SAMPLE	485936-002	WET Leachate	315197	06/02/23 14:20	1.0	1	
097	met06_master011	CCV				06/02/23 14:23	1.0	10 1	
098	met06_master011	CCB				06/02/23 14:27	1.0	1	
099	met06_master011	SAMPLE	485936-003	WET Leachate	315197	06/02/23 14:30	1.0	1	
100	met06_master011	SAMPLE	485936-004	WET Leachate	315197	06/02/23 14:33	1.0	1	
101	met06_master011	SAMPLE	485937-001	WET Leachate	315197	06/02/23 14:36	1.0	1	
102	met06_master011	SAMPLE	485937-002	WET Leachate	315197	06/02/23 14:39	1.0	1	
103	met06_master011	BLANK	QC1070363	WET Leachate	315197	06/02/23 14:43	1.0	1	
104	met06_master011	SAMPLE	485937-003	WET Leachate	315197	06/02/23 14:47	1.0	1	

Instrument: MET06 Begun: 06/02/23 08:49
Method: EPA 6010B

#	File	Type	Sample ID	Matrix	Batch	Analyzed	IDF	Stds Used	
105	met06_master011	SAMPLE	485937-004	WET Leachate	315197	06/02/23 14:50	1.0	1	
106	met06_master011	SAMPLE	485937-005	WET Leachate	315197	06/02/23 14:53	1.0	1	
107	met06_master011	SAMPLE	485937-006	WET Leachate	315197	06/02/23 14:56	1.0	1	
108	met06_master011	CCV				06/02/23 15:00	1.0	10 1	
109	met06_master011	CCB				06/02/23 15:03	1.0	1	
110	met06_master011	BLANK	QC1070324	Soil	315260	06/02/23 15:07	1.0	1	
111	met06_master011	LCS	QC1070325	Soil	315260	06/02/23 15:10	1.0	1	
112	met06_master011	SAMPLE	485281-005	Soil	315207	06/02/23 15:13	1.0	1	3:FE=490
113	met06_master011	MSS	486087-001	Miscell.	315260	06/02/23 15:16	1.0	1	5:FEASFE2O3=220
114	met06_master011	MS	QC1070237	Miscell.	315260	06/02/23 15:20	1.0	1	5:ALASAL2O3=220
115	met06_master011	MSD	QC1070238	Miscell.	315260	06/02/23 15:23	1.0	1	5:ALASAL2O3=230
116	met06_master011	PDS	QC1070241	Miscell.	315260	06/02/23 15:26	1.0	1	5:FEASFE2O3=210
117	met06_master011	SAMPLE	486087-002	Miscell.	315260	06/02/23 15:29	1.0	1	3:FE=140
118	met06_master011	SAMPLE	486087-003	Miscell.	315260	06/02/23 15:33	1.0	1	3:FE=130
119	met06_master011	SAMPLE	486087-016	Soil	315260	06/02/23 15:36	1.0	1	2:FE=140
120	met06_master011	CCV				06/02/23 15:39	1.0	10 1	
121	met06_master011	CCB				06/02/23 15:42	1.0	1	
122	met06_master011	SAMPLE	486087-017	Soil	315260	06/02/23 15:46	1.0	1	3:FE=180
123	met06_master011	SAMPLE	486087-018	Soil	315260	06/02/23 15:49	1.0	1	3:FE=160
124	met06_master011	SAMPLE	486101-001	Miscell.	315260	06/02/23 15:52	1.0	1	4:CA=1100
125	met06_master011	SAMPLE	486104-009	Soil	315260	06/02/23 15:55	1.0	1	3:FE=140
126	met06_master011	SAMPLE	486104-010	Soil	315260	06/02/23 15:59	1.0	1	3:FE=150
127	met06_master011	SAMPLE	486104-011	Soil	315260	06/02/23 16:02	1.0	1	3:FE=170
128	met06_master011	SAMPLE	486104-012	Soil	315260	06/02/23 16:05	1.0	1	3:FE=170
129	met06_master011	CCV				06/02/23 16:08	1.0	10 1	
130	met06_master011	CCB				06/02/23 16:12	1.0	1	

Instrument: MET06 Begun: 06/02/23 08:49
Method: EPA 6010B

#	File	Type	Sample ID	Matrix	Batch	Analyzed	IDF	Stds Used	
131	met06_master011	BLANK	QC1070308	Soil	315278	06/02/23 16:31	1.0	1	
132	met06_master011	LCS	QC1070309	Soil	315278	06/02/23 16:34	1.0	1	
133	met06_master011	MSS	486122-001	Soil	315278	06/02/23 16:37	1.0	1	4:ALASAL2O3=320
134	met06_master011	MS	QC1070310	Soil	315278	06/02/23 16:41	1.0	1	5:FEASFE2O3=350
135	met06_master011	MSD	QC1070311	Soil	315278	06/02/23 16:44	1.0	1	5:ALASAL2O3=380
136	met06_master011	PDS	QC1070312	Soil	315278	06/02/23 16:47	1.0	1	5:ALASAL2O3=310
137	met06_master011	SAMPLE	486122-002	Soil	315278	06/02/23 16:50	1.0	1	2:FE=180
138	met06_master011	SAMPLE	486122-005	Soil	315278	06/02/23 16:54	1.0	1	2:FE=180
139	met06_master011	SAMPLE	486122-006	Soil	315278	06/02/23 16:57	1.0	1	2:FE=200
140	met06_master011	SAMPLE	486122-007	Soil	315278	06/02/23 17:01	1.0	1	3:FE=240
141	met06_master011	CCV				06/02/23 17:04	1.0	10 1	
142	met06_master011	CCB				06/02/23 17:07	1.0	1	
143	met06_master011	SAMPLE	486122-008	Soil	315278	06/02/23 17:11	1.0	1	2:FE=200
144	met06_master011	SAMPLE	486122-009	Soil	315278	06/02/23 17:14	1.0	1	2:FE=190
145	met06_master011	BLANK	QC1070471	Drinking Water	315336	06/02/23 17:17	1.0	1	
146	met06_master011	LCS	QC1070472	Drinking Water	315336	06/02/23 17:20	1.0	1	
147	met06_master011	MSS	486109-001	Drinking Water	315336	06/02/23 17:23	1.0	1	
148	met06_master011	MS	QC1070473	Drinking Water	315336	06/02/23 17:27	1.0	1	
149	met06_master011	MSD	QC1070474	Drinking Water	315336	06/02/23 17:30	1.0	1	
150	met06_master011	BLANK	QC1070476	Filtrate	315337	06/02/23 17:33	1.0	1	
151	met06_master011	LCS	QC1070477	Filtrate	315337	06/02/23 17:36	1.0	1	
152	met06_master011	MSS	485942-001	Filtrate	315337	06/02/23 17:40	1.0	1	
153	met06_master011	CCV				06/02/23 17:43	1.0	10 1	
154	met06_master011	CCB				06/02/23 17:46	1.0	1	
155	met06_master011	MS	QC1070478	Filtrate	315337	06/02/23 17:49	1.0	1	
156	met06_master011	MSD	QC1070479	Filtrate	315337	06/02/23 17:53	1.0	1	

Enthalpy Sequence Summary for Sequence 483220849

Instrument: MET06 Begun: 06/02/23 08:49

Method: EPA 6010B

#	File	Type	Sample ID	Matrix	Batch	Analyzed	IDF	Stds Used	
157	met06_master011	SAMPLE	485942-003	Filtrate	315337	06/02/23 18:01	1.0	1	
158	met06_master011	BLANK	QC1070289	TCLP Leachate	315212	06/02/23 18:04	1.0	1	
159	met06_master011	LCS	QC1070290	TCLP Leachate	315212	06/02/23 18:08	1.0	1	
160	met06_master011	MSS	486008-001	TCLP Leachate	315212	06/02/23 18:11	1.0	1	1:CAASCACO3=1600
161	met06_master011	MS	QC1070419	TCLP Leachate	315212	06/02/23 18:14	1.0	1	1:CAASCACO3=1600
162	met06_master011	MSD	QC1070420	TCLP Leachate	315212	06/02/23 18:17	1.0	1	2:CAASCACO3=1600
163	met06_master011	SAMPLE	486012-001	TCLP Leachate	315212	06/02/23 18:21	1.0	1	1:NA=900
164	met06_master011	SAMPLE	486012-003	TCLP Leachate	315212	06/02/23 18:24	1.0	1	
165	met06_master011	CCV				06/02/23 18:27	1.0	10 1	
166	met06_master011	CCB				06/02/23 18:30	1.0	1	
167	met06_master011	SAMPLE	486071-001	TCLP Leachate	315212	06/02/23 18:34	1.0	1	
168	met06_master011	SAMPLE	486071-002	TCLP Leachate	315212	06/02/23 18:37	1.0	1	
169	met06_master011	SAMPLE	486071-003	TCLP Leachate	315212	06/02/23 18:40	1.0	1	
170	met06_master011	SAMPLE	486071-004	TCLP Leachate	315212	06/02/23 18:43	1.0	1	
171	met06_master011	SAMPLE	486071-005	TCLP Leachate	315212	06/02/23 18:47	1.0	1	
172	met06_master011	SAMPLE	486071-006	TCLP Leachate	315212	06/02/23 18:50	1.0	1	
173	met06_master011	SAMPLE	486071-007	TCLP Leachate	315212	06/02/23 18:53	1.0	1	
174	met06_master011	SAMPLE	486071-008	TCLP Leachate	315212	06/02/23 18:56	1.0	1	
175	met06_master011	SAMPLE	486071-009	TCLP Leachate	315212	06/02/23 19:00	1.0	1	
176	met06_master011	SAMPLE	486071-010	TCLP Leachate	315212	06/02/23 19:03	1.0	1	
177	met06_master011	CCV				06/02/23 19:06	1.0	10 1	
178	met06_master011	CCB				06/02/23 19:09	1.0	1	
179	met06_master011	SAMPLE	486071-011	TCLP Leachate	315212	06/02/23 19:13	1.0	1	
180	met06_master011	SAMPLE	486071-012	TCLP Leachate	315212	06/02/23 19:16	1.0	1	
181	met06_master011	SAMPLE	486071-013	TCLP Leachate	315212	06/02/23 19:19	1.0	1	
182	met06_master011	BLANK	QC1070291	TCLP Leachate	315273	06/02/23 19:22	1.0	1	

Enthalpy Sequence Summary for Sequence 483220849

Instrument: MET06 Begun: 06/02/23 08:49
Method: EPA 6010B

#	File	Type	Sample ID	Matrix	Batch	Analyzed	IDF	Stds Used	
183	met06_master011	LCS	QC1070292	TCLP Leachate	315273	06/02/23 19:26	1.0	1	
184	met06_master011	MSS	486007-001	TCLP Leachate	315273	06/02/23 19:29	1.0	1	2:CAASCACO3=4100
185	met06_master011	MS	QC1070483	TCLP Leachate	315273	06/02/23 19:32	1.0	1	2:CAASCACO3=4200
186	met06_master011	MSD	QC1070484	TCLP Leachate	315273	06/02/23 19:35	1.0	1	2:CAASCACO3=4300
187	met06_master011	BLANK	QC1070382	Wipe	315308	06/02/23 19:39	1.0	1	
188	met06_master011	BS	QC1070383	Wipe	315308	06/02/23 19:42	1.0	1	
189	met06_master011	CCV				06/02/23 19:45	1.0	10 1	
190	met06_master011	CCB				06/02/23 19:48	1.0	1	
191	met06_master011	BSD	QC1070384	Wipe	315308	06/02/23 19:52	1.0	1	
192	met06_master011	SAMPLE	486134-002	Wipe	315308	06/02/23 19:55	1.0	1	2:ZN=420
193	met06_master011	SAMPLE	486134-003	Wipe	315308	06/02/23 19:58	1.0	1	2:ZN=630
194	met06_master011	SAMPLE	486134-006	Wipe	315308	06/02/23 20:01	1.0	1	2:FE=56
195	met06_master011	SAMPLE	486134-008	Wipe	315308	06/02/23 20:05	1.0	1	1:FE=52
196	met06_master011	SAMPLE	486134-010	Wipe	315308	06/02/23 20:08	1.0	1	2:ZN=540
197	met06_master011	SAMPLE	486134-011	Wipe	315308	06/02/23 20:11	1.0	1	2:ZN=350
198	met06_master011	SAMPLE	486134-014	Wipe	315308	06/02/23 20:14	1.0	1	1:FE=78
199	met06_master011	SAMPLE	486134-016	Wipe	315308	06/02/23 20:18	1.0	1	2:FE=60
200	met06_master011	SAMPLE	486134-018	Wipe	315308	06/02/23 20:21	1.0	1	1:FE=98
201	met06_master011	CCV				06/02/23 20:24	1.0	10 1	
202	met06_master011	CCB				06/02/23 20:27	1.0	1	
203	met06_master011	SAMPLE	486134-020	Wipe	315308	06/02/23 20:31	1.0	1	1:FE=110
204	met06_master011	SAMPLE	486134-022	Wipe	315308	06/02/23 20:34	1.0	1	2:FE=80
205	met06_master011	SAMPLE	486134-024	Wipe	315308	06/02/23 20:37	1.0	1	1:FE=76
206	met06_master011	SAMPLE	486142-002	Wipe	315308	06/02/23 20:41	1.0	1	2:ZN=290
207	met06_master011	SAMPLE	486142-004	Wipe	315308	06/02/23 20:44	1.0	1	1:FE=56
208	met06_master011	SAMPLE	486142-006	Wipe	315308	06/02/23 20:47	1.0	1	1:FE=110

Enthalpy Sequence Summary for Sequence 483220849

Instrument: MET06 Begun: 06/02/23 08:49
Method: EPA 6010B

#	File	Type	Sample ID	Matrix	Batch	Analyzed	IDF	Stds Used	
209	met06_master011	SAMPLE	486142-008	Wipe	315308	06/02/23 20:50	1.0	1	2:ZN=48
210	met06_master011	SAMPLE	486142-010	Wipe	315308	06/02/23 20:54	1.0	1	1:FE=68
211	met06_master011	SAMPLE	486142-013	Wipe	315308	06/02/23 20:57	1.0	1	1:FE=78
212	met06_master011	SAMPLE	486142-015	Wipe	315308	06/02/23 21:00	1.0	1	1:FE=82
213	met06_master011	CCV				06/02/23 21:03	1.0	10 1	
214	met06_master011	CCB				06/02/23 21:07	1.0	1	
215	met06_master011	SAMPLE	486142-017	Wipe	315308	06/02/23 21:10	1.0	1	2:FE=78
216	met06_master011	CCV				06/02/23 21:13	1.0	10 1	
217	met06_master011	CCB				06/02/23 21:16	1.0	1	

SBW 06/05/23 : I verified that the vials loaded on the instrument matched the sequence data entry, for runs 001 through 217.

Standards Used:
1=S14463 2=S18001 3=S18000 4=S17999 5=S17998 6=S17997 7=S17996 8=S18321 9=S17995 10=S18436 11=S18435 12=S18280 13=S18281

Enthalpy Internal Standard Summary for Sequence 483220849

Date: 06/02/23 Reference: met06_master011
Sequence: MET06 06/02/23 Analyzed: 06/02/23 08:49

#	Type	Sample ID	Y H	Y A	Y R
		ICALBLK STD	7359370	386874	287890
		LOWER LIMIT	2207811	116062	86367
		UPPER LIMIT	14718740	773748	575780
012	ICB		6447320	384297	256251
014	ICSA		5805840	337619	247457
015	ICSAB		5811260	335765	244570
016	MSS	485936-003	5449580	319695	238466
017	CCV		6055590	354626	248562
018	CCB		6308080	365940	250346
019	BLANK	QC1070094	6227720	340642	249242
020	LCS	QC1070095	6015430	335191	242278
021	SAMPLE	485963-010	5890670	329244	239769
022	SAMPLE	485790-002	5845630	317485	238139
023	SAMPLE	486012-002	5629390	305022	230756
024	SAMPLE	486012-004	5729850	312515	241012
025	SAMPLE	486027-001	5814440	326480	244962
026	SAMPLE	486027-002	5637740	307163	233039
027	SAMPLE	486027-003	5847020	322775	245472
028	SAMPLE	486027-004	6050870	333080	246769
029	CCV		6112920	335428	240591
030	CCB		6395470	348730	244694
031	SAMPLE	486042-001	5988390	330066	240321
032	SAMPLE	486043-001	5904540	328279	240142
033	MSS	486049-001	6068930	332542	241006
034	MS	QC1070096	5933070	330997	237958
035	MSD	QC1070097	6038190	332922	238684
036	PDS	QC1070098	6070010	331520	236253
037	SAMPLE	486049-002	6101770	339576	252736
038	SAMPLE	486049-003	6188450	341465	254066
039	SAMPLE	486049-004	6107160	338945	255034
040	SAMPLE	486049-005	6200530	346647	255399
041	CCV		6273530	346454	252253
042	CCB		6582620	358617	256726
043	BLANK	QC1070111	6461440	348687	257627
044	LCS	QC1070112	6463810	347024	257172
045	SAMPLE	486049-006	6104050	340826	259640
046	SAMPLE	486049-007	6564750	360134	275074
047	SAMPLE	486073-001	6393590	326577	254187
048	SAMPLE	486085-001	6389270	343982	259238
049	SAMPLE	486085-002	6337800	342174	256024
050	SAMPLE	486088-001	6349630	342291	264519
051	SAMPLE	486088-003	6340770	342047	265924
052	MSS	486091-001	6456600	349192	266315
053	CCV		6386330	352159	256775
054	CCB		6665970	363756	260813
055	MS	QC1070116	6280460	343049	260215
056	MSD	QC1070117	6354070	347672	257345
057	PDS	QC1070118	6397030	350225	257721
058	SAMPLE	486091-002	6392500	348589	261564
059	SAMPLE	486091-003	6369070	343849	260707
060	SAMPLE	486091-004	6450330	348623	262784

Enthalpy Internal Standard Summary for Sequence 483220849

Date:	06/02/23	Reference:	met06_master011
Sequence:	MET06 06/02/23	Analyzed:	06/02/23 08:49

#	Type	Sample ID	Y H	Y A	Y R
061	SAMPLE	486091-005	6427540	350394	266358
062	SAMPLE	486091-006	6383320	347815	263914
063	SAMPLE	486091-007	6301640	346137	256660
064	SAMPLE	486091-008	6401290	350485	263327
065	CCV		6502780	353423	261131
066	CCB		6773880	366339	264050
067	SAMPLE	486091-009	6387650	343714	261948
068	SAMPLE	486091-010	6270610	342199	258840
069	SAMPLE	486091-011	6377170	341506	258494
070	SAMPLE	486091-012	6457210	339212	263360
071	SAMPLE	486091-013	6453040	347924	261584
072	SAMPLE	486091-014	6438020	344297	259966
073	SAMPLE	486091-015	6229300	330978	257170
074	SAMPLE	486012-002	7363010	390017	275368
075	SAMPLE	486012-004	7275620	390557	283560
076	SAMPLE	486027-001	6988210	370784	270253
077	CCV		6529690	346479	258808
078	CCB		6797800	359023	263010
079	SAMPLE	486027-002	6961550	367289	274729
080	SAMPLE	486027-003	7091000	376514	275618
081	SAMPLE	486007-001	5757200	299136	243277
082	SAMPLE	486012-001	7453030	398669	287787
083	SAMPLE	486012-003	7452670	397030	285504
084	SAMPLE	486012-006	7034410	368095	276343
085	CCV		6599150	351783	265422
086	CCB		6946740	363903	265144
087	BLANK	QC1070023	6952610	349027	275814
088	BLANK	QC1070363	6879540	361369	275781
089	BS	QC1070024	6965250	361592	274261
090	BSD	QC1070025	6978790	362132	267508
091	SAMPLE	484977-001	7069240	363109	275511
092	SAMPLE	485542-005	7014260	364619	276102
093	SAMPLE	485542-006	7069990	365163	277797
094	SAMPLE	485699-006	7096610	365881	279966
095	SAMPLE	485936-001	7040340	356162	280701
096	SAMPLE	485936-002	6961880	356610	281155
097	CCV		7008140	363756	272489
098	CCB		7244090	375826	278208
099	SAMPLE	485936-003	7042320	356634	281203
100	SAMPLE	485936-004	7046530	359770	280186
101	SAMPLE	485937-001	7028650	362953	277708
102	SAMPLE	485937-002	6985860	362575	275311
103	BLANK	QC1070363	7179420	371158	276966
104	SAMPLE	485937-003	7147920	364636	280350
105	SAMPLE	485937-004	7086890	367174	276937
106	SAMPLE	485937-005	7136250	371956	281734
107	SAMPLE	485937-006	7144510	368628	278232
108	CCV		7124180	372709	278387
109	CCB		7428760	391135	282564
110	BLANK	QC1070324	7271090	380009	282965
111	LCS	QC1070325	7248940	382480	278335
112	SAMPLE	485281-005	6468090	344717	271419

Enthalpy Internal Standard Summary for Sequence 483220849

Date: 06/02/23 Reference: met06_master011
Sequence: MET06 06/02/23 Analyzed: 06/02/23 08:49

#	Type	Sample ID	Y H	Y A	Y R
113	MSS	486087-001	7242170	382833	286087
114	MS	QC1070237	7113880	378240	280156
115	MSD	QC1070238	7101690	380613	285038
116	PDS	QC1070241	7122320	384464	285545
117	SAMPLE	486087-002	7232630	388229	291762
118	SAMPLE	486087-003	7386770	395069	288883
119	SAMPLE	486087-016	7236410	390819	283221
120	CCV		7299470	397499	282034
121	CCB		7607810	410713	286516
122	SAMPLE	486087-017	7168960	389331	284454
123	SAMPLE	486087-018	7145820	385847	283694
124	SAMPLE	486101-001	6669610	365116	275932
125	SAMPLE	486104-009	7379330	399949	291533
126	SAMPLE	486104-010	7351550	397842	286076
127	SAMPLE	486104-011	7356590	397343	291383
128	SAMPLE	486104-012	7341030	393918	289872
129	CCV		7511040	403708	285568
130	CCB		7769880	419933	292960
131	BLANK	QC1070308	7909910	420734	303029
132	LCS	QC1070309	7798640	420068	295005
133	MSS	486122-001	7667030	412238	298008
134	MS	QC1070310	7617010	412211	298218
135	MSD	QC1070311	7628540	416394	299380
136	PDS	QC1070312	7669850	420640	302239
137	SAMPLE	486122-002	7852530	419803	309784
138	SAMPLE	486122-005	7755350	418848	307866
139	SAMPLE	486122-006	7810880	422466	303539
140	SAMPLE	486122-007	7655120	410812	306215
141	CCV		7851820	420706	300162
142	CCB		8062990	434354	296345
143	SAMPLE	486122-008	7603270	419685	298498
144	SAMPLE	486122-009	7618570	415097	295549
145	BLANK	QC1070471	7928100	434645	301716
146	LCS	QC1070472	7872470	426680	299241
147	MSS	486109-001	8344340	454992	306226
148	MS	QC1070473	8132090	443374	302744
149	MSD	QC1070474	8220220	440044	307052
150	BLANK	QC1070476	8308200	451457	301854
151	LCS	QC1070477	8130840	448029	307400
152	MSS	485942-001	7750950	428432	305003
153	CCV		7706440	418295	295908
154	CCB		8017000	433125	297336
155	MS	QC1070478	7648250	424747	301015
156	MSD	QC1070479	7711030	428978	305372
157	SAMPLE	485942-003	7818690	437592	307403
158	BLANK	QC1070289	7036730	398694	287085
159	LCS	QC1070290	7121550	411201	290215
160	MSS	486008-001	6778040	383317	281403
161	MS	QC1070419	6753480	376051	279217
162	MSD	QC1070420	6741320	374695	276842
163	SAMPLE	486012-001	6900960	381762	276325
164	SAMPLE	486012-003	6779550	381579	285510

Enthalpy Internal Standard Summary for Sequence 483220849

Date: 06/02/23 Reference: met06_master011

Sequence: MET06 06/02/23 Analyzed: 06/02/23 08:49

#	Type	Sample ID	Y H	Y A	Y R
165	CCV		7568240	426333	289297
166	CCB		7792270	438725	293596
167	SAMPLE	486071-001	7009660	394627	282896
168	SAMPLE	486071-002	6738450	395282	282288
169	SAMPLE	486071-003	6723030	387162	282003
170	SAMPLE	486071-004	6663000	394083	280321
171	SAMPLE	486071-005	6675230	391416	275697
172	SAMPLE	486071-006	6809330	395029	279338
173	SAMPLE	486071-007	6628820	392835	275211
174	SAMPLE	486071-008	6693160	389731	275144
175	SAMPLE	486071-009	6665510	393190	274306
176	SAMPLE	486071-010	6564880	397678	279649
177	CCV		7169370	425362	274311
178	CCB		7340020	432432	275880
179	SAMPLE	486071-011	6683110	388051	280304
180	SAMPLE	486071-012	6397160	387016	267780
181	SAMPLE	486071-013	6523040	393854	268748
182	BLANK	QC1070291	7085720	421890	274950
183	LCS	QC1070292	7134050	417188	273303
184	MSS	486007-001	6178770	363506	256343
185	MS	QC1070483	6122150	361421	251178
186	MSD	QC1070484	6082500	361529	251931
187	BLANK	QC1070382	6896270	404697	267442
188	BS	QC1070383	6870580	406348	266160
189	CCV		6928880	414442	266537
190	CCB		7091790	422758	270846
191	BSD	QC1070384	6726940	400583	263873
192	SAMPLE	486134-002	6797570	394540	270447
193	SAMPLE	486134-003	6644900	386838	272079
194	SAMPLE	486134-006	6788120	386469	272814
195	SAMPLE	486134-008	6652600	383969	264021
196	SAMPLE	486134-010	6663220	377521	267317
197	SAMPLE	486134-011	6463640	370791	264264
198	SAMPLE	486134-014	6534470	381380	265044
199	SAMPLE	486134-016	6505550	371763	265563
200	SAMPLE	486134-018	6504910	369017	264202
201	CCV		6661590	393840	260779
202	CCB		6866100	404699	265174
203	SAMPLE	486134-020	6439020	362788	257575
204	SAMPLE	486134-022	6385530	363105	258357
205	SAMPLE	486134-024	6434680	365084	260652
206	SAMPLE	486142-002	6368870	353757	260615
207	SAMPLE	486142-004	6429790	357712	265652
208	SAMPLE	486142-006	6377230	357201	266061
209	SAMPLE	486142-008	6330270	350715	259929
210	SAMPLE	486142-010	6296040	353160	257782
211	SAMPLE	486142-013	6299480	348468	259116
212	SAMPLE	486142-015	6227140	342385	255001
213	CCV		6433640	373740	252234
214	CCB		6674740	379353	257915
215	SAMPLE	486142-017	6174250	339908	254163
216	CCV		6239210	362044	249094

Enthalpy Internal Standard Summary for Sequence 483220849

Date:	06/02/23	Reference:	met06_master011
Sequence:	MET06 06/02/23	Analyzed:	06/02/23 08:49

#	Type	Sample ID	Y H	Y A	Y R
217	CCB		6519010	371185	249589

ENTHALPY INITIAL CALIBRATION FOR 486134 METALS Wipe: EPA 6010B

Instrument:	MET06		
Calibration #:	483220849001	Date:	02-JUN-2023 08:49
Units:	mg/L	X Axis:	R

Level	File	Seqnum	Sample ID	Analyzed	Standards
L1	met06_master011	483220849002	L1	02-JUN-2023 08:52	S18001, S14463 (100X)
L2	met06_master011	483220849003	L2	02-JUN-2023 08:55	S18000, S14463 (100X)
L3	met06_master011	483220849004	L3	02-JUN-2023 08:58	S17999, S14463 (100X)
L4	met06_master011	483220849005	L4	02-JUN-2023 09:02	S17998, S14463 (100X)
L5	met06_master011	483220849006	L5	02-JUN-2023 09:05	S17997, S14463 (100X)
L6	met06_master011	483220849007	L6	02-JUN-2023 09:08	S17996, S14463 (100X)

Analyte	Ch	Type	a0	a1	a2	Avg RF	r^2	%RSD	n	Min r^2	Flags
Lead	A	WB1K	0.00535	38.6117		0.0223	1.000		7	0.995	

Instrument amount = a0 + (response × a1) + (response² × a2)
WB1K: Linear regression with ICALBLK weighting factor of 1000

Analyte	Ch	L1 RF	L2 RF	L3 RF	L4 RF	L5 RF	L6 RF
Lead	A	0.0102	0.0196	0.0254	0.0264	0.0264	0.0257

Spiked Amounts / Drifts	Ch	L1	%D	L2	%D	L3	%D	L4	%D	L5	%D	L6	%D
Lead	A	0.0033	**100**	0.0100	**29**	0.1000	3	1.0000	2	5.0000	2	10.000	-1

ENTHALPY 2ND SOURCE CALIBRATION SUMMARY FOR 486134 METALS Wipe

EPA 6010B

Inst:	MET06		
Calnum:	483220849001	Cal Date:	02-JUN-2023

- ICV 483220849013 (02-JUN-2023) stds: S18436, S14463 (100X)

Analyte	Ch	Spiked	Quant	Units	%D	Max	Flags
Lead	A	1.000	1.065	mg/l	7	10	

ENTHALPY INSTRUMENT BLANK FOR 486134 METALS Wipe

EPA 6010B

Inst:	MET06			IDF:	1.0
Seqnum:	483220849012	File:	met06_master011	Time:	02-JUN-2023 09:25
Cal:	483220849001	Caldate:	02-JUN-2023		

Analyte	Ch	Quant	IQL	LOD	Units	Flags
Lead	A	[0.002057]	0.003333	---	mg/l	!ICB

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	Abund	%Drift
Yttrium	H	7359370	6447320	-12.39
Yttrium	A	386874	384297	-0.67
Yttrium	R	287890	256251	-10.99

!=warning ICB=instrument blank

ENTHALPY INTERFERENCE CHECK STANDARD A FOR 486134 METALS Wipe

EPA 6010B

Inst:	MET06			IDF:	1.0
Seqnum:	483220849014	File:	met06_master011	Time:	02-JUN-2023 09:32
Cal:	483220849001	Caldate:	02-JUN-2023		

Standards: S18280, S14463 (100X)

Analyte	Ch	Quant	IQL	Units	Flags
Lead	A	0.006391	0.003333	mg/l	!a+

Interferent	Ch	Spiked	Quant	Units	%Rec	Flags
Iron	A	160.0	152.0	mg/l	95	
Aluminum	R	400.0	396.2	mg/l	99	
Calcium	R	400.0	401.0	mg/l	100	
Magnesium	R	400.0	408.1	mg/l	102	

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	Abund	%Drift
Yttrium	H	7359370	5805840	-21.11
Yttrium	A	386874	337619	-12.73
Yttrium	R	287890	247457	-14.04

!=warning +=high bias a=ICSA

ENTHALPY INTERFERENCE CHECK STANDARD AB FOR 486134 METALS Wipe

EPA 6010B

Inst:	MET06			IDF:	1.0
Seqnum:	483220849015	File:	met06_master011	Time:	02-JUN-2023 09:35
Cal:	483220849001	Caldate:	02-JUN-2023		

Standards: S18281, S14463 (100X)

Analyte	Ch	Spiked	Quant	Units	%D	Max %D	Flags
Lead	A	1.000	1.053	mg/l	5	20	

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	Abund	%Drift
Yttrium	H	7359370	5811260	-21.04
Yttrium	A	386874	335765	-13.21
Yttrium	R	287890	244570	-15.05

ENTHALPY CONTINUING CALIBRATION FOR 486134 METALS Wipe

EPA 6010B

Inst:	MET06			IDF:	1.0
Seqnum:	483220849177	File:	met06_master011	Time:	02-JUN-2023 19:06
Cal:	483220849001	Caldate:	02-JUN-2023		

Standards: S18436, S14463 (100X)

Analyte	Ch	Avg RF/CF	RF/CF	Spiked	Quant	Units	%D	Max %D	Flags
Lead	A	0.0223	0.0267	1.000	1.036	mg/l	4	10	

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	Abund	%Drift
Yttrium	H	7359370	7169370	-2.58
Yttrium	A	386874	425362	9.95
Yttrium	R	287890	274311	-4.72

ENTHALPY INSTRUMENT BLANK FOR 486134 METALS Wipe

EPA 6010B

Inst:	MET06			IDF:	1.0
Seqnum:	483220849178	File:	met06_master011	Time:	02-JUN-2023 19:09
Cal:	483220849001	Caldate:	02-JUN-2023		

Analyte	Ch	Quant	IQL	LOD	Units	Flags
Lead	A	ND	0.003333	---	mg/l	

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	Abund	%Drift
Yttrium	H	7359370	7340020	-0.26
Yttrium	A	386874	432432	11.78
Yttrium	R	287890	275880	-4.17

ENTHALPY CONTINUING CALIBRATION FOR 486134 METALS Wipe

EPA 6010B

Inst:	MET06			IDF:	1.0
Seqnum:	483220849189	File:	met06_master011	Time:	02-JUN-2023 19:45
Cal:	483220849001	Caldate:	02-JUN-2023		

Standards: S18436, S14463 (100X)

Analyte	Ch	Avg RF/CF	RF/CF	Spiked	Quant	Units	%D	Max %D	Flags
Lead	A	0.0223	0.0268	1.000	1.038	mg/l	4	10	

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	Abund	%Drift
Yttrium	H	7359370	6928880	-5.85
Yttrium	A	386874	414442	7.13
Yttrium	R	287890	266537	-7.42

ENTHALPY INSTRUMENT BLANK FOR 486134 METALS Wipe

EPA 6010B

Inst:	MET06			IDF:	1.0
Seqnum:	483220849190	File:	met06_master011	Time:	02-JUN-2023 19:48
Cal:	483220849001	Caldate:	02-JUN-2023		

Analyte	Ch	Quant	IQL	LOD	Units	Flags
Lead	A	[0.002160]	0.003333	---	mg/l	!CCB

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	Abund	%Drift
Yttrium	H	7359370	7091790	-3.64
Yttrium	A	386874	422758	9.28
Yttrium	R	287890	270846	-5.92

!=warning CCB=instrument blank

ENTHALPY CONTINUING CALIBRATION FOR 486134 METALS Wipe

EPA 6010B

Inst:	MET06			IDF:	1.0
Seqnum:	483220849201	File:	met06_master011	Time:	02-JUN-2023 20:24
Cal:	483220849001	Caldate:	02-JUN-2023		

Standards: S18436, S14463 (100X)

Analyte	Ch	Avg RF/CF	RF/CF	Spiked	Quant	Units	%D	Max %D	Flags
Lead	A	0.0223	0.0269	1.000	1.045	mg/l	4	10	

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	Abund	%Drift
Yttrium	H	7359370	6661590	-9.48
Yttrium	A	386874	393840	1.80
Yttrium	R	287890	260779	-9.42

ENTHALPY INSTRUMENT BLANK FOR 486134 METALS Wipe

EPA 6010B

Inst:	MET06			IDF:	1.0
Seqnum:	483220849202	File:	met06_master011	Time:	02-JUN-2023 20:27
Cal:	483220849001	Caldate:	02-JUN-2023		

Analyte	Ch	Quant	IQL	LOD	Units	Flags
Lead	A	ND	0.003333	---	mg/l	

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	Abund	%Drift
Yttrium	H	7359370	6866100	-6.70
Yttrium	A	386874	404699	4.61
Yttrium	R	287890	265174	-7.89

ENTHALPY CONTINUING CALIBRATION FOR 486134 METALS Wipe

EPA 6010B

Inst:	MET06			IDF:	1.0
Seqnum:	483220849213	File:	met06_master011	Time:	02-JUN-2023 21:03
Cal:	483220849001	Caldate:	02-JUN-2023		

Standards: S18436, S14463 (100X)

Analyte	Ch	Avg RF/CF	RF/CF	Spiked	Quant	Units	%D	Max %D	Flags
Lead	A	0.0223	0.0264	1.000	1.024	mg/l	2	10	

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	Abund	%Drift
Yttrium	H	7359370	6433640	-12.58
Yttrium	A	386874	373740	-3.39
Yttrium	R	287890	252234	-12.39

ENTHALPY INSTRUMENT BLANK FOR 486134 METALS Wipe

EPA 6010B

Inst:	MET06			IDF:	1.0
Seqnum:	483220849214	File:	met06_master011	Time:	02-JUN-2023 21:07
Cal:	483220849001	Caldate:	02-JUN-2023		

Analyte	Ch	Quant	IQL	LOD	Units	Flags
Lead	A	[0.001872]	0.003333	---	mg/l	!CCB

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	Abund	%Drift
Yttrium	H	7359370	6674740	-9.30
Yttrium	A	386874	379353	-1.94
Yttrium	R	287890	257915	-10.41

!=warning CCB=instrument blank

SAMPLE PREPARATION SUMMARY

Batch #:	315308	Method:	3050B	Analysis:	ICP
Started By:	MLL	Prep Date:	02-JUN-2023 15:12	Finished By:	MLL

Sample	Matrix	Initial	Final	Prep DF	pH	Spike S18277	Spike S18278	Analysis
486134-002	Wipe	1 ft2	50 mL	50.0				6010
486134-003	Wipe	1 ft2	50 mL	50.0				6010
486134-006	Wipe	1 ft2	50 mL	50.0				6010
486134-008	Wipe	1 ft2	50 mL	50.0				6010
486134-010	Wipe	1 ft2	50 mL	50.0				6010
486134-011	Wipe	1 ft2	50 mL	50.0				6010
486134-014	Wipe	1 ft2	50 mL	50.0				6010
486134-016	Wipe	1 ft2	50 mL	50.0				6010
486134-018	Wipe	1 ft2	50 mL	50.0				6010
486134-020	Wipe	1 ft2	50 mL	50.0				6010
486134-022	Wipe	1 ft2	50 mL	50.0				6010
486134-024	Wipe	1 ft2	50 mL	50.0				6010
486142-002	Wipe	1 ft2	50 mL	50.0				6010
486142-004	Wipe	1 ft2	50 mL	50.0				6010
486142-006	Wipe	1 ft2	50 mL	50.0				6010
486142-008	Wipe	1 ft2	50 mL	50.0				6010
486142-010	Wipe	1 ft2	50 mL	50.0				6010
486142-013	Wipe	1 ft2	50 mL	50.0				6010
486142-015	Wipe	1 ft2	50 mL	50.0				6010
486142-017	Wipe	1 ft2	50 mL	50.0				6010
QC1070382 BLANK	Wipe	1 ft2	50 mL	50.0				ICP
QC1070383 BS	Wipe	1 ft2	50 mL	50.0		.5 mL	.5 mL	ICP
QC1070384 BSD	Wipe	1 ft2	50 mL	50.0		.5 mL	.5 mL	ICP

Analyst: SBW 06/05/23

Reviewer: MCP 06/05/23

ICP Prep Log for Soils

QC Batch #: 315308 Therm ID/Corr Factor: 942650 / 0

Initials: ML Prep Method: 3050B HotBlock Temp (Obs/Cor), °C: 94 / 94

Prep Start, Date/Time: 6/2/23 15:12 Prep End, Date/Time: 6/2/23 17:11 HotBlock ID: 3

Sample ID	Bottle #	Sample pH (Water Only)	Sample Appearance	Initial Weight (g)	Bal. ID	Final Vol (mL)	Digestion Tube Lot#	Comment
Blank	-----	-----	-----	1 wipe		50		
LCS / LCSD	-----	-----	-----					
486134-2	A		wipe					
-3								
-6								
-8								
-10								
-11								
-14								
-16								
-18								
-20								
-22								
-24								
142-2								
-4								
-6								
-8								
-10								
-13								
-15								
-17								

Hydrochloric Acid ID: 5ml 22440124

Nitric Acid ID: 10ml 20221107 45

H_2O_2 ID: 1ml G31003

LCS Spike ID: 0.5ml ~~&~~ 518277, 518278

MS/MSD Spike ID:

ICP Raw Data

Enthalpy Sequence Summary for Sequence 483220849

Instrument: MET06 Begun: 06/02/23 08:49

Method: EPA 6010B

#	File	Type	Sample ID	Matrix	Batch	Analyzed	IDF	Stds Used	
001	met06_master011	ICALBLK	CALBLANK			06/02/23 08:49	1.0	1	
002	met06_master011	ICAL	L1			06/02/23 08:52	1.0	2 1	
003	met06_master011	ICAL	L2			06/02/23 08:55	1.0	3 1	
004	met06_master011	ICAL	L3			06/02/23 08:58	1.0	4 1	
005	met06_master011	ICAL	L4			06/02/23 09:02	1.0	5 1	
006	met06_master011	ICAL	L5			06/02/23 09:05	1.0	6 1	
007	met06_master011	ICAL	L6			06/02/23 09:08	1.0	7 1	
008	met06_master011	ICAL	L7			06/02/23 09:12	1.0	8 1	
009	met06_master011	ICAL	L8			06/02/23 09:15	1.0	9 1	
010	met06_master011	XICV				06/02/23 09:18	1.0	10 1	
011	met06_master011	CRI				06/02/23 09:22	1.0	11 1	
012	met06_master011	ICB				06/02/23 09:25	1.0	1	
013	met06_master011	ICV				06/02/23 09:28	1.0	10 1	
014	met06_master011	ICSA				06/02/23 09:32	1.0	12 1	6:MGASMGCO3=1400
015	met06_master011	ICSAB				06/02/23 09:35	1.0	13 1	6:MGASMGCO3=1400
016	met06_master011	MSS	485936-003	TCLP Leachate	315189	06/02/23 09:38	1.0	1	2:CAASCACO3=1600
017	met06_master011	CCV				06/02/23 09:41	1.0	10 1	
018	met06_master011	CCB				06/02/23 09:45	1.0	1	
019	met06_master011	BLANK	QC1070094	Soil	315219	06/02/23 09:54	1.0	1	
020	met06_master011	LCS	QC1070095	Soil	315219	06/02/23 09:57	1.0	1	
021	met06_master011	SAMPLE	485963-010	Soil	315048	06/02/23 10:00	1.0	1	3:FE=200
022	met06_master011	SAMPLE	485790-002	Miscell.	315219	06/02/23 10:04	1.0	1	
023	met06_master011	SAMPLE	486012-002	Miscell.	315219	06/02/23 10:07	1.0	1	3:ZN=380
024	met06_master011	SAMPLE	486012-004	Miscell.	315219	06/02/23 10:10	1.0	1	5:ZN=130
025	met06_master011	SAMPLE	486027-001	Soil	315219	06/02/23 10:13	1.0	1	3:FE=510
026	met06_master011	SAMPLE	486027-002	Soil	315219	06/02/23 10:17	1.0	1	5:CA=1000

Enthalpy Sequence Summary for Sequence 483220849

Instrument: MET06 Begun: 06/02/23 08:49

Method: EPA 6010B

#	File	Type	Sample ID	Matrix	Batch	Analyzed	IDF	Stds Used	
027	met06_master011	SAMPLE	486027-003	Soil	315219	06/02/23 10:20	1.0	1	3:FE=640
028	met06_master011	SAMPLE	486027-004	Soil	315219	06/02/23 10:23	1.0	1	2:FE=320
029	met06_master011	CCV				06/02/23 10:26	1.0	10 1	
030	met06_master011	CCB				06/02/23 10:30	1.0	1	
031	met06_master011	SAMPLE	486042-001	Soil	315219	06/02/23 10:33	1.0	1	2:FE=140
032	met06_master011	SAMPLE	486043-001	Soil	315219	06/02/23 10:36	1.0	1	2:FE=200
033	met06_master011	MSS	486049-001	Soil	315219	06/02/23 10:39	1.0	1	4:ALASAL2O3=190
034	met06_master011	MS	QC1070096	Soil	315219	06/02/23 10:43	1.0	1	4:ALASAL2O3=330
035	met06_master011	MSD	QC1070097	Soil	315219	06/02/23 10:46	1.0	1	4:FEASFE2O3=360
036	met06_master011	PDS	QC1070098	Soil	315219	06/02/23 10:49	1.0	1	4:ALASAL2O3=190
037	met06_master011	SAMPLE	486049-002	Soil	315219	06/02/23 10:52	1.0	1	3:FE=320
038	met06_master011	SAMPLE	486049-003	Soil	315219	06/02/23 10:56	1.0	1	3:FE=260
039	met06_master011	SAMPLE	486049-004	Soil	315219	06/02/23 10:59	1.0	1	3:FE=320
040	met06_master011	SAMPLE	486049-005	Soil	315219	06/02/23 11:02	1.0	1	3:FE=290
041	met06_master011	CCV				06/02/23 11:05	1.0	10 1	
042	met06_master011	CCB				06/02/23 11:09	1.0	1	
043	met06_master011	BLANK	QC1070111	Soil	315224	06/02/23 11:12	1.0	1	
044	met06_master011	LCS	QC1070112	Soil	315224	06/02/23 11:15	1.0	1	
045	met06_master011	SAMPLE	486049-006	Soil	315219	06/02/23 11:19	1.0	1	3:FE=280
046	met06_master011	SAMPLE	486049-007	Soil	315219	06/02/23 11:22	1.0	1	3:FE=260
047	met06_master011	SAMPLE	486073-001	Miscell.	315219	06/02/23 11:25	1.0	1	3:FE=780
048	met06_master011	SAMPLE	486085-001	Soil	315219	06/02/23 11:29	1.0	1	1:FE=34
049	met06_master011	SAMPLE	486085-002	Soil	315219	06/02/23 11:32	1.0	1	1:FE=40
050	met06_master011	SAMPLE	486088-001	Soil	315224	06/02/23 11:35	1.0	1	2:FE=220
051	met06_master011	SAMPLE	486088-003	Soil	315224	06/02/23 11:38	1.0	1	2:FE=210
052	met06_master011	MSS	486091-001	Soil	315224	06/02/23 11:42	1.0	1	4:FEASFE2O3=250

Instrument: MET06 Begun: 06/02/23 08:49
Method: EPA 6010B

#	File	Type	Sample ID	Matrix	Batch	Analyzed	IDF	Stds Used	
053	met06_master011	CCV				06/02/23 11:45	1.0	10 1	
054	met06_master011	CCB				06/02/23 11:48	1.0	1	
055	met06_master011	MS	QC1070116	Soil	315224	06/02/23 11:51	1.0	1	4:FEASFE2O3=280
056	met06_master011	MSD	QC1070117	Soil	315224	06/02/23 11:55	1.0	1	4:FEASFE2O3=240
057	met06_master011	PDS	QC1070118	Soil	315224	06/02/23 11:58	1.0	1	4:FEASFE2O3=250
058	met06_master011	SAMPLE	486091-002	Soil	315224	06/02/23 12:01	1.0	1	2:FE=190
059	met06_master011	SAMPLE	486091-003	Soil	315224	06/02/23 12:04	1.0	1	2:FE=120
060	met06_master011	SAMPLE	486091-004	Soil	315224	06/02/23 12:08	1.0	1	2:FE=180
061	met06_master011	SAMPLE	486091-005	Soil	315224	06/02/23 12:11	1.0	1	2:FE=170
062	met06_master011	SAMPLE	486091-006	Soil	315224	06/02/23 12:14	1.0	1	2:FE=180
063	met06_master011	SAMPLE	486091-007	Soil	315224	06/02/23 12:17	1.0	1	1:FE=91
064	met06_master011	SAMPLE	486091-008	Soil	315224	06/02/23 12:21	1.0	1	2:FE=180
065	met06_master011	CCV				06/02/23 12:24	1.0	10 1	
066	met06_master011	CCB				06/02/23 12:27	1.0	1	
067	met06_master011	SAMPLE	486091-009	Soil	315224	06/02/23 12:31	1.0	1	2:FE=180
068	met06_master011	SAMPLE	486091-010	Soil	315224	06/02/23 12:34	1.0	1	2:FE=160
069	met06_master011	SAMPLE	486091-011	Soil	315224	06/02/23 12:37	1.0	1	2:FE=190
070	met06_master011	SAMPLE	486091-012	Soil	315224	06/02/23 12:41	1.0	1	2:FE=190
071	met06_master011	SAMPLE	486091-013	Soil	315224	06/02/23 12:44	1.0	1	2:FE=150
072	met06_master011	SAMPLE	486091-014	Soil	315224	06/02/23 12:47	1.0	1	1:FE=86
073	met06_master011	SAMPLE	486091-015	Soil	315224	06/02/23 12:50	1.0	1	2:FE=190
074	met06_master011	SAMPLE	486012-002	Miscell.	315219	06/02/23 12:54	100.0	1	
075	met06_master011	SAMPLE	486012-004	Miscell.	315219	06/02/23 12:57	100.0	1	
076	met06_master011	SAMPLE	486027-001	Soil	315219	06/02/23 13:00	10.0	1	1:FE=73
077	met06_master011	CCV				06/02/23 13:05	1.0	10 1	
078	met06_master011	CCB				06/02/23 13:08	1.0	1	

Instrument: MET06 Begun: 06/02/23 08:49
Method: EPA 6010B

#	File	Type	Sample ID	Matrix	Batch	Analyzed	IDF	Stds Used	
079	met06_master011	SAMPLE	486027-002	Soil	315219	06/02/23 13:11	10.0	1	1:FE=66
080	met06_master011	SAMPLE	486027-003	Soil	315219	06/02/23 13:15	10.0	1	1:FE=100
081	met06_master011	SAMPLE	486007-001	Soil	315122	06/02/23 13:18	1.0	1	1:CA=2800
082	met06_master011	SAMPLE	486012-001	Miscell.	315122	06/02/23 13:21	100.0	1	
083	met06_master011	SAMPLE	486012-003	Miscell.	315122	06/02/23 13:24	100.0	1	
084	met06_master011	SAMPLE	486012-006	Water	315129	06/02/23 13:28	10.0	1	
085	met06_master011	CCV				06/02/23 13:31	1.0	10 1	
086	met06_master011	CCB				06/02/23 13:34	1.0	1	
087	met06_master011	BLANK	QC1070023	WET Leachate	315197	06/02/23 13:51	1.0	1	
088	met06_master011	BLANK	QC1070363	WET Leachate	315197	06/02/23 13:54	1.0	1	
089	met06_master011	BS	QC1070024	WET Leachate	315197	06/02/23 13:57	1.0	1	
090	met06_master011	BSD	QC1070025	WET Leachate	315197	06/02/23 14:01	1.0	1	
091	met06_master011	SAMPLE	484977-001	WET Leachate	315197	06/02/23 14:04	1.0	1	
092	met06_master011	SAMPLE	485542-005	WET Leachate	315197	06/02/23 14:07	1.0	1	
093	met06_master011	SAMPLE	485542-006	WET Leachate	315197	06/02/23 14:10	1.0	1	
094	met06_master011	SAMPLE	485699-006	WET Leachate	315197	06/02/23 14:14	1.0	1	
095	met06_master011	SAMPLE	485936-001	WET Leachate	315197	06/02/23 14:17	1.0	1	
096	met06_master011	SAMPLE	485936-002	WET Leachate	315197	06/02/23 14:20	1.0	1	
097	met06_master011	CCV				06/02/23 14:23	1.0	10 1	
098	met06_master011	CCB				06/02/23 14:27	1.0	1	
099	met06_master011	SAMPLE	485936-003	WET Leachate	315197	06/02/23 14:30	1.0	1	
100	met06_master011	SAMPLE	485936-004	WET Leachate	315197	06/02/23 14:33	1.0	1	
101	met06_master011	SAMPLE	485937-001	WET Leachate	315197	06/02/23 14:36	1.0	1	
102	met06_master011	SAMPLE	485937-002	WET Leachate	315197	06/02/23 14:39	1.0	1	
103	met06_master011	BLANK	QC1070363	WET Leachate	315197	06/02/23 14:43	1.0	1	
104	met06_master011	SAMPLE	485937-003	WET Leachate	315197	06/02/23 14:47	1.0	1	

Instrument: MET06 Begun: 06/02/23 08:49
Method: EPA 6010B

#	File	Type	Sample ID	Matrix	Batch	Analyzed	IDF	Stds Used	
105	met06_master011	SAMPLE	485937-004	WET Leachate	315197	06/02/23 14:50	1.0	1	
106	met06_master011	SAMPLE	485937-005	WET Leachate	315197	06/02/23 14:53	1.0	1	
107	met06_master011	SAMPLE	485937-006	WET Leachate	315197	06/02/23 14:56	1.0	1	
108	met06_master011	CCV				06/02/23 15:00	1.0	10 1	
109	met06_master011	CCB				06/02/23 15:03	1.0	1	
110	met06_master011	BLANK	QC1070324	Soil	315260	06/02/23 15:07	1.0	1	
111	met06_master011	LCS	QC1070325	Soil	315260	06/02/23 15:10	1.0	1	
112	met06_master011	SAMPLE	485281-005	Soil	315207	06/02/23 15:13	1.0	1	3:FE=490
113	met06_master011	MSS	486087-001	Miscell.	315260	06/02/23 15:16	1.0	1	5:FEASFE2O3=220
114	met06_master011	MS	QC1070237	Miscell.	315260	06/02/23 15:20	1.0	1	5:ALASAL2O3=220
115	met06_master011	MSD	QC1070238	Miscell.	315260	06/02/23 15:23	1.0	1	5:ALASAL2O3=230
116	met06_master011	PDS	QC1070241	Miscell.	315260	06/02/23 15:26	1.0	1	5:FEASFE2O3=210
117	met06_master011	SAMPLE	486087-002	Miscell.	315260	06/02/23 15:29	1.0	1	3:FE=140
118	met06_master011	SAMPLE	486087-003	Miscell.	315260	06/02/23 15:33	1.0	1	3:FE=130
119	met06_master011	SAMPLE	486087-016	Soil	315260	06/02/23 15:36	1.0	1	2:FE=140
120	met06_master011	CCV				06/02/23 15:39	1.0	10 1	
121	met06_master011	CCB				06/02/23 15:42	1.0	1	
122	met06_master011	SAMPLE	486087-017	Soil	315260	06/02/23 15:46	1.0	1	3:FE=180
123	met06_master011	SAMPLE	486087-018	Soil	315260	06/02/23 15:49	1.0	1	3:FE=160
124	met06_master011	SAMPLE	486101-001	Miscell.	315260	06/02/23 15:52	1.0	1	4:CA=1100
125	met06_master011	SAMPLE	486104-009	Soil	315260	06/02/23 15:55	1.0	1	3:FE=140
126	met06_master011	SAMPLE	486104-010	Soil	315260	06/02/23 15:59	1.0	1	3:FE=150
127	met06_master011	SAMPLE	486104-011	Soil	315260	06/02/23 16:02	1.0	1	3:FE=170
128	met06_master011	SAMPLE	486104-012	Soil	315260	06/02/23 16:05	1.0	1	3:FE=170
129	met06_master011	CCV				06/02/23 16:08	1.0	10 1	
130	met06_master011	CCB				06/02/23 16:12	1.0	1	

Instrument: MET06 Begun: 06/02/23 08:49
Method: EPA 6010B

#	File	Type	Sample ID	Matrix	Batch	Analyzed	IDF	Stds Used	
131	met06_master011	BLANK	QC1070308	Soil	315278	06/02/23 16:31	1.0	1	
132	met06_master011	LCS	QC1070309	Soil	315278	06/02/23 16:34	1.0	1	
133	met06_master011	MSS	486122-001	Soil	315278	06/02/23 16:37	1.0	1	4:ALASAL2O3=320
134	met06_master011	MS	QC1070310	Soil	315278	06/02/23 16:41	1.0	1	5:FEASFE2O3=350
135	met06_master011	MSD	QC1070311	Soil	315278	06/02/23 16:44	1.0	1	5:ALASAL2O3=380
136	met06_master011	PDS	QC1070312	Soil	315278	06/02/23 16:47	1.0	1	5:ALASAL2O3=310
137	met06_master011	SAMPLE	486122-002	Soil	315278	06/02/23 16:50	1.0	1	2:FE=180
138	met06_master011	SAMPLE	486122-005	Soil	315278	06/02/23 16:54	1.0	1	2:FE=180
139	met06_master011	SAMPLE	486122-006	Soil	315278	06/02/23 16:57	1.0	1	2:FE=200
140	met06_master011	SAMPLE	486122-007	Soil	315278	06/02/23 17:01	1.0	1	3:FE=240
141	met06_master011	CCV				06/02/23 17:04	1.0	10 1	
142	met06_master011	CCB				06/02/23 17:07	1.0	1	
143	met06_master011	SAMPLE	486122-008	Soil	315278	06/02/23 17:11	1.0	1	2:FE=200
144	met06_master011	SAMPLE	486122-009	Soil	315278	06/02/23 17:14	1.0	1	2:FE=190
145	met06_master011	BLANK	QC1070471	Drinking Water	315336	06/02/23 17:17	1.0	1	
146	met06_master011	LCS	QC1070472	Drinking Water	315336	06/02/23 17:20	1.0	1	
147	met06_master011	MSS	486109-001	Drinking Water	315336	06/02/23 17:23	1.0	1	
148	met06_master011	MS	QC1070473	Drinking Water	315336	06/02/23 17:27	1.0	1	
149	met06_master011	MSD	QC1070474	Drinking Water	315336	06/02/23 17:30	1.0	1	
150	met06_master011	BLANK	QC1070476	Filtrate	315337	06/02/23 17:33	1.0	1	
151	met06_master011	LCS	QC1070477	Filtrate	315337	06/02/23 17:36	1.0	1	
152	met06_master011	MSS	485942-001	Filtrate	315337	06/02/23 17:40	1.0	1	
153	met06_master011	CCV				06/02/23 17:43	1.0	10 1	
154	met06_master011	CCB				06/02/23 17:46	1.0	1	
155	met06_master011	MS	QC1070478	Filtrate	315337	06/02/23 17:49	1.0	1	
156	met06_master011	MSD	QC1070479	Filtrate	315337	06/02/23 17:53	1.0	1	

Enthalpy Sequence Summary for Sequence 483220849

Instrument: MET06 Begun: 06/02/23 08:49

Method: EPA 6010B

#	File	Type	Sample ID	Matrix	Batch	Analyzed	IDF	Stds Used	
157	met06_master011	SAMPLE	485942-003	Filtrate	315337	06/02/23 18:01	1.0	1	
158	met06_master011	BLANK	QC1070289	TCLP Leachate	315212	06/02/23 18:04	1.0	1	
159	met06_master011	LCS	QC1070290	TCLP Leachate	315212	06/02/23 18:08	1.0	1	
160	met06_master011	MSS	486008-001	TCLP Leachate	315212	06/02/23 18:11	1.0	1	1:CAASCACO3=1600
161	met06_master011	MS	QC1070419	TCLP Leachate	315212	06/02/23 18:14	1.0	1	1:CAASCACO3=1600
162	met06_master011	MSD	QC1070420	TCLP Leachate	315212	06/02/23 18:17	1.0	1	2:CAASCACO3=1600
163	met06_master011	SAMPLE	486012-001	TCLP Leachate	315212	06/02/23 18:21	1.0	1	1:NA=900
164	met06_master011	SAMPLE	486012-003	TCLP Leachate	315212	06/02/23 18:24	1.0	1	
165	met06_master011	CCV				06/02/23 18:27	1.0	10 1	
166	met06_master011	CCB				06/02/23 18:30	1.0	1	
167	met06_master011	SAMPLE	486071-001	TCLP Leachate	315212	06/02/23 18:34	1.0	1	
168	met06_master011	SAMPLE	486071-002	TCLP Leachate	315212	06/02/23 18:37	1.0	1	
169	met06_master011	SAMPLE	486071-003	TCLP Leachate	315212	06/02/23 18:40	1.0	1	
170	met06_master011	SAMPLE	486071-004	TCLP Leachate	315212	06/02/23 18:43	1.0	1	
171	met06_master011	SAMPLE	486071-005	TCLP Leachate	315212	06/02/23 18:47	1.0	1	
172	met06_master011	SAMPLE	486071-006	TCLP Leachate	315212	06/02/23 18:50	1.0	1	
173	met06_master011	SAMPLE	486071-007	TCLP Leachate	315212	06/02/23 18:53	1.0	1	
174	met06_master011	SAMPLE	486071-008	TCLP Leachate	315212	06/02/23 18:56	1.0	1	
175	met06_master011	SAMPLE	486071-009	TCLP Leachate	315212	06/02/23 19:00	1.0	1	
176	met06_master011	SAMPLE	486071-010	TCLP Leachate	315212	06/02/23 19:03	1.0	1	
177	met06_master011	CCV				06/02/23 19:06	1.0	10 1	
178	met06_master011	CCB				06/02/23 19:09	1.0	1	
179	met06_master011	SAMPLE	486071-011	TCLP Leachate	315212	06/02/23 19:13	1.0	1	
180	met06_master011	SAMPLE	486071-012	TCLP Leachate	315212	06/02/23 19:16	1.0	1	
181	met06_master011	SAMPLE	486071-013	TCLP Leachate	315212	06/02/23 19:19	1.0	1	
182	met06_master011	BLANK	QC1070291	TCLP Leachate	315273	06/02/23 19:22	1.0	1	

Enthalpy Sequence Summary for Sequence 483220849

Instrument: MET06 Begun: 06/02/23 08:49
Method: EPA 6010B

#	File	Type	Sample ID	Matrix	Batch	Analyzed	IDF	Stds Used	
183	met06_master011	LCS	QC1070292	TCLP Leachate	315273	06/02/23 19:26	1.0	1	
184	met06_master011	MSS	486007-001	TCLP Leachate	315273	06/02/23 19:29	1.0	1	2:CAASCACO3=4100
185	met06_master011	MS	QC1070483	TCLP Leachate	315273	06/02/23 19:32	1.0	1	2:CAASCACO3=4200
186	met06_master011	MSD	QC1070484	TCLP Leachate	315273	06/02/23 19:35	1.0	1	2:CAASCACO3=4300
187	met06_master011	BLANK	QC1070382	Wipe	315308	06/02/23 19:39	1.0	1	
188	met06_master011	BS	QC1070383	Wipe	315308	06/02/23 19:42	1.0	1	
189	met06_master011	CCV				06/02/23 19:45	1.0	10 1	
190	met06_master011	CCB				06/02/23 19:48	1.0	1	
191	met06_master011	BSD	QC1070384	Wipe	315308	06/02/23 19:52	1.0	1	
192	met06_master011	SAMPLE	486134-002	Wipe	315308	06/02/23 19:55	1.0	1	2:ZN=420
193	met06_master011	SAMPLE	486134-003	Wipe	315308	06/02/23 19:58	1.0	1	2:ZN=630
194	met06_master011	SAMPLE	486134-006	Wipe	315308	06/02/23 20:01	1.0	1	2:FE=56
195	met06_master011	SAMPLE	486134-008	Wipe	315308	06/02/23 20:05	1.0	1	1:FE=52
196	met06_master011	SAMPLE	486134-010	Wipe	315308	06/02/23 20:08	1.0	1	2:ZN=540
197	met06_master011	SAMPLE	486134-011	Wipe	315308	06/02/23 20:11	1.0	1	2:ZN=350
198	met06_master011	SAMPLE	486134-014	Wipe	315308	06/02/23 20:14	1.0	1	1:FE=78
199	met06_master011	SAMPLE	486134-016	Wipe	315308	06/02/23 20:18	1.0	1	2:FE=60
200	met06_master011	SAMPLE	486134-018	Wipe	315308	06/02/23 20:21	1.0	1	1:FE=98
201	met06_master011	CCV				06/02/23 20:24	1.0	10 1	
202	met06_master011	CCB				06/02/23 20:27	1.0	1	
203	met06_master011	SAMPLE	486134-020	Wipe	315308	06/02/23 20:31	1.0	1	1:FE=110
204	met06_master011	SAMPLE	486134-022	Wipe	315308	06/02/23 20:34	1.0	1	2:FE=80
205	met06_master011	SAMPLE	486134-024	Wipe	315308	06/02/23 20:37	1.0	1	1:FE=76
206	met06_master011	SAMPLE	486142-002	Wipe	315308	06/02/23 20:41	1.0	1	2:ZN=290
207	met06_master011	SAMPLE	486142-004	Wipe	315308	06/02/23 20:44	1.0	1	1:FE=56
208	met06_master011	SAMPLE	486142-006	Wipe	315308	06/02/23 20:47	1.0	1	1:FE=110

Enthalpy Sequence Summary for Sequence 483220849

Instrument: MET06 Begun: 06/02/23 08:49
Method: EPA 6010B

#	File	Type	Sample ID	Matrix	Batch	Analyzed	IDF	Stds Used	
209	met06_master011	SAMPLE	486142-008	Wipe	315308	06/02/23 20:50	1.0	1	2:ZN=48
210	met06_master011	SAMPLE	486142-010	Wipe	315308	06/02/23 20:54	1.0	1	1:FE=68
211	met06_master011	SAMPLE	486142-013	Wipe	315308	06/02/23 20:57	1.0	1	1:FE=78
212	met06_master011	SAMPLE	486142-015	Wipe	315308	06/02/23 21:00	1.0	1	1:FE=82
213	met06_master011	CCV				06/02/23 21:03	1.0	10 1	
214	met06_master011	CCB				06/02/23 21:07	1.0	1	
215	met06_master011	SAMPLE	486142-017	Wipe	315308	06/02/23 21:10	1.0	1	2:FE=78
216	met06_master011	CCV				06/02/23 21:13	1.0	10 1	
217	met06_master011	CCB				06/02/23 21:16	1.0	1	

SBW 06/05/23 : I verified that the vials loaded on the instrument matched the sequence data entry, for runs 001 through 217.

Standards Used:
1=S14463 2=S18001 3=S18000 4=S17999 5=S17998 6=S17997 7=S17996 8=S18321 9=S17995 10=S18436 11=S18435 12=S18280 13=S18281

ENTHALPY SAMPLE USER REPORT FOR EPA 6010B

Inst:	MET06	Lab ID:	486134-002	Client ID:	AFRAME-C6E-MED-L3-EXT-1 TO 2-230601-L-WF
Seqnum:	483220849192	Matrix:	Wipe	Acct:	RINCON-BERK (JG)
File:	met06_master011	Batch:	315308	Time:	02-JUN-2023 19:55
Cal:	483220849001	Caldate:	02-JUN-2023		
IDF:	1.0	Raw Units:	mg/l	Units:	ug/ft2

- 1.00 ft2 ⇨ 50.0 ml = 50.0 ml/ft2 PDF

Analyte	Ch	Raw	Result	RL	Blank	Flags
Lead	A	3.262	160	0.25		!<a+ u

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	SAMPLE Abund	%Drift
Yttrium	A	386874	394540	1.98

!=warning +=high bias <=opening a=ICSA u=use

Method Name: Met06_Master011923 Method Autor: Operator

Sample Name: 486134-002,315308 | Sample Type: Unknown Sample

Measure Date: 2023-06-02 19:55:24 | Recalculation Date: | State: Measured | Quality:

	Ag 328.068	Al_R 396.152	As 189.042	B 249.677	Ba 230.424	Ca_R 317.933	Co 228.616
Int Mean	15766.6000000	4976.72000000	2248.03000000	3065.57000000	4201.94000000	64903.0000000	3004.56000000
Int RSD	*1.56771276*	*3.04570078*	*2.59633546*	*1.18091252*	*0.35269423*	*1.09769656*	*0.57513247*
Int SD	*247.17500000*	*151.57600000*	*58.36640000*	*36.20170000*	*14.82000000*	*712.43800000*	*17.28020000*
RelInt Mean	-0.00029920	0.00816301	-0.00162890	0.00214202	0.00385920	0.24110500	0.00133969
RelInt RSD	*7.32688059*	*7.68488584*	*10.09282338*	*4.53412200*	*0.36103597*	*0.38975094*	*5.64034217*
RelInt SD	*0.00002192*	*0.00062732*	*0.00016440*	*0.00009712*	*0.00001393*	*0.00093971*	*0.00007556*
Conc Mean	<-0.01538530[mg/l]	1.50420000[mg/l]	<-0.05861910[mg/l]	0.01498130[mg/l]	0.01163970[mg/l]	9.50319000[mg/l]	0.00754993[mg/l]
Conc RSD	*6.54845859*	*9.28393831*	*10.14148972*	*6.07512032*	*0.42440956*	*0.39210202*	*7.09697971*
Conc SD	*0.00100750[mg/l]*	*0.13964900[mg/l]*	*0.00594485[mg/l]*	*0.00091013[mg/l]*	*0.00004940[mg/l]*	*0.03726220[mg/l]*	*0.00053582[mg/l]*

	Cr 267.716	Cu 324.754	Fe 259.941	K_R 769.896	Mg_R 383.230	Mn 257.611	Mo 202.095
Int Mean	2970.56000000	70367.5000000	3392560	499.63800000	8982.63000000	184568	2890.58000000
Int RSD	*1.37953786*	*1.54902476*	*0.20373228*	*5.34587041*	*1.67103621*	*0.30435016*	*0.61459292*
Int SD	*40.98000000*	*1090.01000000*	*6911.74000000*	*26.71000000*	*150.10300000*	*561.73300000*	*17.76530000*
RelInt Mean	0.00220573	0.00831550	8.66797000	0.00130043	0.02271580	0.46516900	-0.00255703
RelInt RSD	*4.72251817*	*1.40811737*	*0.55142438*	*13.63402874*	*2.66291744*	*0.08050171*	*4.48567283*
RelInt SD	*0.00010417*	*0.00011709*	*0.04779730*	*0.00017730*	*0.00060490*	*0.00037447*	*0.00011470*
Conc Mean	0.01627310[mg/l]	0.13039000[mg/l]	33.77450000[mg/l]	1.64289000[mg/l]	3.66294000[mg/l]	0.29537400[mg/l]	<-0.01721350[mg/l]
Conc RSD	*5.07870043*	*1.48353401*	*0.55152852*	*12.02058568*	*2.89259447*	*0.08121229*	*4.24257705*
Conc SD	*0.00082646[mg/l]*	*0.00193438[mg/l]*	*0.18627600[mg/l]*	*0.19748500[mg/l]*	*0.10595400[mg/l]*	*0.00023988[mg/l]*	*0.00073030[mg/l]*

	Na_R 589.592	Ni 231.604	Pb 220.353	Sb 206.833	Se 196.090	Sn 189.991	Sr_R 407.771
Int Mean	22637.0000000	3525.91000000	35820.7000000	5082.52000000	2979.58000000	4107.57000000	10334.1000000
Int RSD	*0.51287273*	*0.87404954*	*0.51441485*	*0.15691409*	*0.39846220*	*0.13253700*	*1.24101760*
Int SD	*116.09900000*	*30.81820000*	*184.26700000*	*7.97519000*	*11.87250000*	*5.44405000*	*128.24800000*
RelInt Mean	0.07032250	0.00228832	0.08440320	-0.00254628	0.00218500	0.00110762	0.03074450
RelInt RSD	*1.30276085*	*1.67098570*	*0.77175036*	*3.35253389*	*2.56194508*	*1.69787472*	*0.93695458*
RelInt SD	*0.00091613*	*0.00003824*	*0.00065138*	*0.00008536*	*0.00005598*	*0.00001881*	*0.00028806*
Conc Mean	5.86639000[mg/l]	0.03098360[mg/l]	3.26220000[mg/l]	<-0.12376100[mg/l]	0.11044900[mg/l]	0.01785570[mg/l]	0.01255900[mg/l]
Conc RSD	*1.33172871*	*1.53271408*	*0.77042793*	*3.06991702*	*2.67872955*	*1.76406414*	*1.73712875*
Conc SD	*0.07812440[mg/l]*	*0.00047489[mg/l]*	*0.02513290[mg/l]*	*0.00379936[mg/l]*	*0.00295863[mg/l]*	*0.00031499[mg/l]*	*0.00021817[mg/l]*

	Ti 334.941	Tl 190.864	V 292.464	Y 224.3_A	Y 371.0_A	Y_R 371.030	Zn 206.200
Int Mean	92453.1000000	2304.81000000	4184.01000000	394540	6797570	270447	30130400
Int RSD	*1.13506199*	*0.39874046*	*0.68349263*	*0.33824200*	*1.35516515*	*1.00173047*	*0.87825585*
Int SD	*1049.40000000*	*9.19021000*	*28.59740000*	*1334.50000000*	*92118.3000000*	*2709.15000000*	*264622*
RelInt Mean	0.01070170	-0.00165248	0.00023451	---	---	---	77.01730000
RelInt RSD	*1.68403151*	*1.77301389*	*5.18557527*	---	---	---	*0.94827396*
RelInt SD	*0.00018022*	*0.00002930*	*0.00001216*	---	---	---	*0.73033500*
Conc Mean	0.08848510[mg/l]	<-0.05371940[mg/l]	<0.00163493[mg/l]	391031	6764650	267811	>417.67200000[mg/l]
Conc RSD	*1.72503619*	*1.60869258*	*117.50717156*	---	---	---	*0.94828957*
Conc SD	*0.00152640[mg/l]*	*0.00086418[mg/l]*	*0.00192116[mg/l]*	*1385.87000000*	*92287.8000000*	*2675.02000000*	*3.96074000[mg/l]*

	Be_R 313.107	Li_R 670.780	Si 251.612	P 177.495	Cd 228.802	S 182.034	
Int Mean	251.43800000	3386.23000000	82227.2000000	511.77100000	2910.81000000	17162.0000000	
Int RSD	*22.93770234*	*2.18596197*	*1.44612732*	*3.77618114*	*1.31681903*	*0.79352640*	
Int SD	*57.67410000*	*74.02170000*	*1189.11000000*	*19.32540000*	*38.33010000*	*136.18500000*	
RelInt Mean	-0.00000452	-0.00003239	0.20095000	0.00122106	0.00067910	0.03799660	
RelInt RSD	*5123.37978323*	*996.40901975*	*1.65349589*	*4.02528950*	*14.26143643*	*1.23258397*	
RelInt SD	*0.00023163*	*0.00032270*	*0.00332270*	*0.00004915*	*0.00009685*	*0.00046834*	
Conc Mean	<0.00002070[mg/l]	<-0.00339568[mg/l]	3.05342000[mg/l]	0.35130400[mg/l]	0.00109115[mg/l]	3.79076000[mg/l]	
Conc RSD	*1749.42136620*	*148.84588654*	*1.66065265*	*4.05073668*	*33.21009944*	*1.24083033*	
Conc SD	*0.00036205[mg/l]*	*0.00505433[mg/l]*	*0.05070670[mg/l]*	*0.01423040[mg/l]*	*0.00036237[mg/l]*	*0.04703690[mg/l]*	

ENTHALPY SAMPLE USER REPORT FOR EPA 6010B

Inst:	MET06	Lab ID:	486134-003	Client ID:	AFRAME-C6E-MED-L3-EXT-1 TO 2-230601-L-DUP-WF
Seqnum:	483220849193	Matrix:	Wipe	Acct:	RINCON-BERK (JG)
File:	met06_master011	Batch:	315308	Time:	02-JUN-2023 19:58
Cal:	483220849001	Caldate:	02-JUN-2023		
IDF:	1.0	Raw Units:	mg/l	Units:	ug/ft2

- 1.00 ft2 ⇨ 50.0 ml = 50.0 ml/ft2 PDF

Analyte	Ch	Raw	Result	RL	Blank	Flags
Lead	A	3.354	170	0.25		!<a+ u

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	SAMPLE Abund	%Drift
Yttrium	A	386874	386838	-0.01

!=warning +=high bias <=opening a=ICSA u=use

Method Name: Met06_Master011923 Method Autor: Operator

Sample Name: 486134-003,315308			Sample Type: Unknown Sample
Measure Date: 2023-06-02 19:58:39	Recalculation Date:	State: Measured	Quality:

	Ag 328.068	Al_R 396.152	As 189.042	B 249.677	Ba 230.424	Ca_R 317.933	Co 228.616
Int Mean	16660.3000000	4845.35000000	2395.60000000	3001.44000000	4452.98000000	65719.6000000	3241.98000000
Int RSD	*0.46477194*	*4.17596252*	*0.97433628*	*0.72704435*	*0.90787293*	*1.02333703*	*1.35607869*
Int SD	*77.43240000*	*202.34000000*	*23.34120000*	*21.82180000*	*40.42740000*	*672.53300000*	*43.96380000*
RelInt Mean	-0.00049324	0.00822145	-0.00181445	0.00193370	0.00396409	0.24275800	0.00138868
RelInt RSD	*1.05390841*	*7.59404971*	*4.55576621*	*3.25871128*	*3.75284113*	*1.43890212*	*9.29508598*
RelInt SD	*0.00000520*	*0.00062434*	*0.00008266*	*0.00006301*	*0.00014877*	*0.00349305*	*0.00012908*
Conc Mean	<-0.02430320[mg/l]	1.51721000[mg/l]	<-0.06533080[mg/l]	0.01302920[mg/l]	0.01205260[mg/l]	9.56876000[mg/l]	0.00788107[mg/l]
Conc RSD	*0.98318740*	*9.16063037*	*4.57578967*	*4.53212784*	*4.60914657*	*1.44773199*	*11.48132170*
Conc SD	*0.00023895[mg/l]*	*0.13898600[mg/l]*	*0.00298940[mg/l]*	*0.00059050[mg/l]*	*0.00055552[mg/l]*	*0.13853000[mg/l]*	*0.00090485[mg/l]*

	Cr 267.716	Cu 324.754	Fe 259.941	K_R 769.896	Mg_R 383.230	Mn 257.611	Mo 202.095
Int Mean	3054.95000000	172340	3550200	340.37500000	8826.35000000	197999	3519.60000000
Int RSD	*0.25170232*	*1.98959034*	*0.43447975*	*21.60614029*	*1.76203074*	*0.65043763*	*0.53852995*
Int SD	*7.68938000*	*3428.86000000*	*15424.9000000*	*73.54190000*	*155.52300000*	*1287.86000000*	*18.95410000*
RelInt Mean	0.00244861	0.02385980	9.26033000	0.00085073	0.02278650	0.50979100	-0.00346812
RelInt RSD	*0.94986135*	*2.09772085*	*0.40717987*	*29.20684775*	*3.11354091*	*0.28189984*	*3.98449304*
RelInt SD	*0.00002326*	*0.00050051*	*0.03770620*	*0.00024847*	*0.00070947*	*0.00143710*	*0.00013819*
Conc Mean	0.01820020[mg/l]	0.38716700[mg/l]	36.08290000[mg/l]	<1.14202000[mg/l]	3.67531000[mg/l]	0.32392200[mg/l]	<-0.02301430[mg/l]
Conc RSD	*1.01404380*	*2.13552033*	*0.40726217*	*24.23381377*	*3.38121138*	*0.28386680*	*3.82291445*
Conc SD	*0.00018456[mg/l]*	*0.00826803[mg/l]*	*0.14695200[mg/l]*	*0.27675500[mg/l]*	*0.12427000[mg/l]*	*0.00091951[mg/l]*	*0.00087982[mg/l]*

	Na_R 589.592	Ni 231.604	Pb 220.353	Sb 206.833	Se 196.090	Sn 189.991	Sr_R 407.771
Int Mean	22467.9000000	3803.02000000	36324.7000000	7292.84000000	3226.53000000	4326.31000000	10367.3000000
Int RSD	*1.24016931*	*0.67983340*	*0.08751456*	*0.15536746*	*0.89271756*	*1.18494052*	*1.62410657*
Int SD	*278.64000000*	*25.85420000*	*31.78940000*	*11.33070000*	*28.80380000*	*51.26420000*	*168.37600000*
RelInt Mean	0.07020120	0.00241945	0.08677640	-0.00452209	0.00245305	0.00106787	0.03147480
RelInt RSD	*1.89781656*	*2.31258344*	*0.71991002*	*2.99454456*	*3.17438291*	*7.74586794*	*2.80207976*
RelInt SD	*0.00133229*	*0.00005595*	*0.00062471*	*0.00013542*	*0.00007787*	*0.00008272*	*0.00088195*
Conc Mean	5.85605000[mg/l]	0.03261190[mg/l]	3.35371000[mg/l]	<-0.21160400[mg/l]	0.12461700[mg/l]	0.01718990[mg/l]	0.01311200[mg/l]
Conc RSD	*1.94014737*	*2.13064556*	*0.71873537*	*2.84513998*	*3.30301644*	*8.06019814*	*5.09363941*
Conc SD	*0.11361600[mg/l]*	*0.00069484[mg/l]*	*0.02410430[mg/l]*	*0.00602043[mg/l]*	*0.00411612[mg/l]*	*0.00138554[mg/l]*	*0.00066788[mg/l]*

	Ti 334.941	Tl 190.864	V 292.464	Y 224.3_A	Y 371.0_A	Y_R 371.030	Zn 206.200
Int Mean	99484.6000000	2448.11000000	4176.61000000	386838	6644900	272079	44373700
Int RSD	*4.51342218*	*0.90233690*	*2.49463081*	*0.80475289*	*0.69744466*	*0.27128444*	*0.19290774*
Int SD	*4490.16000000*	*22.09020000*	*104.19100000*	*3113.09000000*	*46344.5000000*	*738.10800000*	*85600.3000000*
RelInt Mean	0.01174340	-0.00184080	0.00024793	---	---	---	115.79700000
RelInt RSD	*5.21600218*	*0.89646349*	*4.23055980*	---	---	---	*0.98297883*
RelInt SD	*0.00061254*	*0.00001650*	*0.00001049*	---	---	---	*1.13826000*
Conc Mean	0.09730800[mg/l]	<-0.05925160[mg/l]	0.00375647[mg/l]	383034	6612510	269648	>627.97900000[mg/l]
Conc RSD	*5.33186377*	*0.81706486*	*44.10523710*	---	---	---	*0.98279401*
Conc SD	*0.00518833[mg/l]*	*0.00048412[mg/l]*	*0.00165680[mg/l]*	*3108.36000000*	*46218.1000000*	*697.23200000*	*6.17174000[mg/l]*

	Be_R 313.107	Li_R 670.780	Si 251.612	P 177.495	Cd 228.802	S 182.034	
Int Mean	247.52200000	3215.58000000	100851	567.85700000	3246.57000000	16986.8000000	
Int RSD	*34.02109711*	*5.06005137*	*1.44888003*	*5.01138491*	*1.99655329*	*0.75672875*	
Int SD	*84.20970000*	*162.71000000*	*1461.21000000*	*28.45750000*	*64.81950000*	*128.54400000*	
RelInt Mean	0.00008934	0.00015577	0.25191600	0.00137163	0.00095412	0.03799510	
RelInt RSD	*304.98744129*	*430.25151823*	*2.13499738*	*3.47094333*	*15.74357835*	*1.52194888*	
RelInt SD	*0.00027248*	*0.00067022*	*0.00537840*	*0.00004761*	*0.00015021*	*0.00057827*	
Conc Mean	<0.00016741[mg/l]	<-0.00044864[mg/l]	3.83104000[mg/l]	0.39489800[mg/l]	0.00218843[mg/l]	3.79061000[mg/l]	
Conc RSD	*254.40871648*	*2339.82038931*	*2.14192230*	*3.49057225*	*26.62794789*	*1.53211752*	
Conc SD	*0.00042590[mg/l]*	*0.01049730[mg/l]*	*0.08205790[mg/l]*	*0.01378420[mg/l]*	*0.00058273[mg/l]*	*0.05807660[mg/l]*	

ENTHALPY SAMPLE USER REPORT FOR EPA 6010B

Inst:	MET06	Lab ID:	486134-006	Client ID:	AFRAME-C6E-LAT-L3-UP-C6.7-DG-230601-L-LA
Seqnum:	483220849194	Matrix:	Wipe	Acct:	RINCON-BERK (JG)
File:	met06_master011	Batch:	315308	Time:	02-JUN-2023 20:01
Cal:	483220849001	Caldate:	02-JUN-2023		
IDF:	1.0	Raw Units:	mg/l	Units:	ug/ft2

- 1.00 ft2 ⇨ 50.0 ml = 50.0 ml/ft2 PDF

Analyte	Ch	Raw	Result	RL	Blank	Flags
Lead	A	2.131	110	0.25		!<a+ u

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	SAMPLE Abund	%Drift
Yttrium	A	386874	386469	-0.10

!=warning +=high bias <=opening a=ICSA u=use

Method Name: Met06_Master011923 Method Autor: Operator

Sample Name: 486134-006,315308			Sample Type: Unknown Sample
Measure Date: 2023-06-02 20:01:55	Recalculation Date:	State: Measured	Quality:

	Ag 328.068	Al_R 396.152	As 189.042	B 249.677	Ba 230.424	Ca_R 317.933	Co 228.616
Int Mean	14618.9000000	5419.20000000	2339.04000000	3050.87000000	3637.22000000	70010.5000000	2865.59000000
Int RSD	*1.92463181*	*1.38764393*	*0.22336514*	*1.51266360*	*0.58928522*	*1.61841438*	*0.64045450*
Int SD	*281.36000000*	*75.19920000*	*5.22460000*	*46.14940000*	*21.43360000*	*1133.06000000*	*18.35280000*
RelInt Mean	-0.00010058	0.01006820	-0.00142361	0.00198149	0.00313189	0.25752600	0.00171904
RelInt RSD	*25.36563299*	*0.56107745*	*4.87650410*	*3.52174879*	*0.55300474*	*1.26734000*	*3.46439873*
RelInt SD	*0.00002551*	*0.00005649*	*0.00006942*	*0.00006978*	*0.00001732*	*0.00326373*	*0.00005955*
Conc Mean	<-0.00625688[mg/l]	1.92832000[mg/l]	<-0.05121200[mg/l]	0.01347700[mg/l]	0.00889668[mg/l]	10.15450000[mg/l]	0.01014300[mg/l]
Conc RSD	*18.73969135*	*0.65251099*	*4.90150746*	*4.85251911*	*0.72547849*	*1.27448914*	*4.17327221*
Conc SD	*0.00117252[mg/l]*	*0.01258250[mg/l]*	*0.00251016[mg/l]*	*0.00065397[mg/l]*	*0.00006454[mg/l]*	*0.12941800[mg/l]*	*0.00042329[mg/l]*

	Cr 267.716	Cu 324.754	Fe 259.941	K_R 769.896	Mg_R 383.230	Mn 257.611	Mo 202.095
Int Mean	4001.65000000	105798	5519800	376.50300000	9947.84000000	211476	1912.43000000
Int RSD	*1.35805480*	*1.75374771*	*0.40952027*	*35.55536078*	*1.91695886*	*1.45345571*	*1.51287106*
Int SD	*54.34460000*	*1855.43000000*	*22604.7000000*	*133.86700000*	*190.69600000*	*3073.71000000*	*28.93260000*
RelInt Mean	0.00469193	0.01351560	14.39420000	0.00094858	0.02638930	0.54444900	-0.00135579
RelInt RSD	*1.79402719*	*2.44406464*	*0.47911381*	*34.59490858*	*2.61432853*	*0.58356614*	*1.66530952*
RelInt SD	*0.00008417*	*0.00033033*	*0.06896460*	*0.00032816*	*0.00068990*	*0.00317722*	*0.00002258*
Conc Mean	0.03599980[mg/l]	0.21629000[mg/l]	56.09000000[mg/l]	<1.25100000[mg/l]	4.30637000[mg/l]	0.34609600[mg/l]	<-0.00956532[mg/l]
Conc RSD	*1.85526586*	*2.52285820*	*0.47920307*	*29.21750600*	*2.80616854*	*0.58737749*	*1.50319069*
Conc SD	*0.00066789[mg/l]*	*0.00545669[mg/l]*	*0.26878500[mg/l]*	*0.36551100[mg/l]*	*0.12084400[mg/l]*	*0.00203289[mg/l]*	*0.00014379[mg/l]*

	Na_R 589.592	Ni 231.604	Pb 220.353	Sb 206.833	Se 196.090	Sn 189.991	Sr_R 407.771
Int Mean	23301.4000000	11988.0000000	23583.2000000	2341.37000000	2951.01000000	4292.63000000	10518.0000000
Int RSD	*0.69879921*	*1.11648315*	*1.10080905*	*0.67409679*	*1.78263035*	*1.58173660*	*1.31579198*
Int SD	*162.83000000*	*133.84400000*	*259.60600000*	*15.78310000*	*52.60560000*	*67.89810000*	*138.39500000*
RelInt Mean	0.07265470	0.02505950	0.05512780	0.00021453	0.00238940	0.00164933	0.03158980
RelInt RSD	*0.21368886*	*0.66203635*	*0.64646331*	*35.85892016*	*4.09658492*	*10.95935925*	*1.76322421*
RelInt SD	*0.00015526*	*0.00016590*	*0.00035638*	*0.00007693*	*0.00009788*	*0.00018076*	*0.00055700*
Conc Mean	6.06528000[mg/l]	0.31375000[mg/l]	2.13088000[mg/l]	<-0.00114861[mg/l]	0.12125300[mg/l]	0.02692980[mg/l]	0.01319920[mg/l]
Conc RSD	*0.21825538*	*0.65658645*	*0.64610865*	*298.03588685*	*4.26733359*	*11.24341807*	*3.19573156*
Conc SD	*0.01323780[mg/l]*	*0.00206004[mg/l]*	*0.01376780[mg/l]*	*0.00342327[mg/l]*	*0.00517427[mg/l]*	*0.00302783[mg/l]*	*0.00042181[mg/l]*

	Ti 334.941	Tl 190.864	V 292.464	Y 224.3_A	Y 371.0_A	Y_R 371.030	Zn 206.200
Int Mean	130764	2223.74000000	4365.13000000	386469	6788120	272814	1975000
Int RSD	*7.73462115*	*0.82088284*	*3.11113300*	*0.87592795*	*0.56136014*	*0.33692442*	*1.27112911*
Int SD	*10114.1000000*	*18.25430000*	*135.80500000*	*3385.19000000*	*38105.8000000*	*919.17700000*	*25104.8000000*
RelInt Mean	0.01679720	-0.00180640	0.00024991	---	---	---	5.14642000
RelInt RSD	*8.84022337*	*3.50852524*	*0.51725394*	---	---	---	*0.46684297*
RelInt SD	*0.00148491*	*0.00006338*	*0.00000129*	---	---	---	*0.02402570*
Conc Mean	0.14011300[mg/l]	<-0.05838610[mg/l]	0.00406513[mg/l]	383237	6754810	270281	27.90230000[mg/l]
Conc RSD	*8.97639762*	*3.14054201*	*5.02362778*	---	---	---	*0.46701526*
Conc SD	*0.01257710[mg/l]*	*0.00183364[mg/l]*	*0.00020422[mg/l]*	*3376.82000000*	*38120.6000000*	*932.89400000*	*0.13030800[mg/l]*

	Be_R 313.107	Li_R 670.780	Si 251.612	P 177.495	Cd 228.802	S 182.034	
Int Mean	239.40300000	3449.67000000	90336.8000000	535.16900000	2566.76000000	16050.2000000	
Int RSD	*16.93955381*	*1.46627938*	*2.00412235*	*4.45087440*	*1.53745578*	*0.27505950*	
Int SD	*40.55380000*	*50.58180000*	*1810.46000000*	*23.81970000*	*39.46280000*	*44.14760000*	
RelInt Mean	0.00008018	0.00046941	0.22838400	0.00130953	0.00028963	0.03592520	
RelInt RSD	*130.01177333*	*49.17512771*	*1.22476180*	*4.38184692*	*18.45421870*	*1.08555833*	
RelInt SD	*0.00010425*	*0.00023083*	*0.00279716*	*0.00005738*	*0.00005345*	*0.00038999*	
Conc Mean	<0.00015309[mg/l]	<0.00446360[mg/l]	3.47175000[mg/l]	0.37691900[mg/l]	<-0.00045517[mg/l]	3.58273000[mg/l]	
Conc RSD	*106.43477693*	*80.99695313*	*1.22908908*	*4.40779053*	*43.83573682*	*1.09328082*	
Conc SD	*0.00016294[mg/l]*	*0.00361538[mg/l]*	*0.04267090[mg/l]*	*0.01661380[mg/l]*	*0.00019953[mg/l]*	*0.03916930[mg/l]*	

ENTHALPY SAMPLE USER REPORT FOR EPA 6010B

Inst:	MET06	Lab ID:	486134-008	Client ID:	AFRAME-C6E-MED-L3-UP-C6.5-HM-230601-L-LA
Seqnum:	483220849195	Matrix:	Wipe	Acct:	RINCON-BERK (JG)
File:	met06_master011	Batch:	315308	Time:	02-JUN-2023 20:05
Cal:	483220849001	Caldate:	02-JUN-2023		
IDF:	1.0	Raw Units:	mg/l	Units:	ug/ft2

- 1.00 ft2 ⇨ 50.0 ml = 50.0 ml/ft2 PDF

Analyte	Ch	Raw	Result	RL	Blank	Flags
Lead	A	1.240	62	0.25		!<a+ u

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	SAMPLE Abund	%Drift
Yttrium	A	386874	383969	-0.75

!=warning +=high bias <=opening a=ICSA u=use

Method Name: Met06_Master011923 Method Autor: Operator

Sample Name: 486134-008,315308			Sample Type: Unknown Sample
Measure Date: 2023-06-02 20:05:11	Recalculation Date:	State: Measured	Quality:

	Ag 328.068	Al_R 396.152	As 189.042	B 249.677	Ba 230.424	Ca_R 317.933	Co 228.616
Int Mean	14225.0000000	4287.32000000	2413.49000000	2931.28000000	3395.72000000	56184.6000000	2655.16000000
Int RSD	*1.41044640*	*2.39459616*	*1.21926753*	*2.88156710*	*1.53020273*	*0.19222705*	*2.57557360*
Int SD	*200.63600000*	*102.66400000*	*29.42690000*	*84.46680000*	*51.96140000*	*108.00200000*	*68.38560000*
RelInt Mean	-0.00005323	0.00638624	-0.00113014	0.00191231	0.00265068	0.21354800	0.00128316
RelInt RSD	*34.64578762*	*3.58228003*	*5.78451342*	*3.32096783*	*3.24523518*	*0.57009665*	*0.87068643*
RelInt SD	*0.00001844*	*0.00022877*	*0.00006537*	*0.00006351*	*0.00008602*	*0.00121743*	*0.00001117*
Conc Mean	<-0.00408095[mg/l]	1.10867000[mg/l]	<-0.04058130[mg/l]	0.01282880[mg/l]	0.00709595[mg/l]	8.41029000[mg/l]	0.00712854[mg/l]
Conc RSD	*20.77038435*	*4.59375648*	*5.82664922*	*4.63902314*	*4.48464265*	*0.57421563*	*1.07275824*
Conc SD	*0.00084763[mg/l]*	*0.05092960[mg/l]*	*0.00236453[mg/l]*	*0.00059513[mg/l]*	*0.00031823[mg/l]*	*0.04829320[mg/l]*	*0.00007647[mg/l]*

	Cr 267.716	Cu 324.754	Fe 259.941	K_R 769.896	Mg_R 383.230	Mn 257.611	Mo 202.095
Int Mean	2980.05000000	228978	5122910	540.78600000	8856.05000000	152796	1881.06000000
Int RSD	*2.81420110*	*2.27048450*	*0.47439248*	*23.02112111*	*2.54362837*	*0.91719024*	*1.18649591*
Int SD	*83.86460000*	*5198.91000000*	*24302.7000000*	*124.49500000*	*225.26500000*	*1401.43000000*	*22.31870000*
RelInt Mean	0.00215939	0.03232610	13.44730000	0.00153853	0.02282620	0.39401400	-0.00116757
RelInt RSD	*1.75852903*	*1.21790132*	*0.15127646*	*14.89181231*	*4.03391717*	*0.93329679*	*10.77545672*
RelInt SD	*0.00003797*	*0.00039370*	*0.02034260*	*0.00022912*	*0.00092079*	*0.00367732*	*0.00012581*
Conc Mean	0.01590540[mg/l]	0.52702100[mg/l]	52.39960000[mg/l]	1.90810000[mg/l]	3.68227000[mg/l]	0.24984900[mg/l]	<-0.00836694[mg/l]
Conc RSD	*1.89420574*	*1.23402863*	*0.15103818*	*13.37435145*	*4.37993412*	*0.94175282*	*9.57393025*
Conc SD	*0.00030128[mg/l]*	*0.00650359[mg/l]*	*0.07914340[mg/l]*	*0.25519600[mg/l]*	*0.16128100[mg/l]*	*0.00235296[mg/l]*	*0.00080105[mg/l]*

	Na_R 589.592	Ni 231.604	Pb 220.353	Sb 206.833	Se 196.090	Sn 189.991	Sr_R 407.771
Int Mean	20657.5000000	4727.64000000	14599.0000000	2180.04000000	2902.94000000	4344.17000000	9301.03000000
Int RSD	*1.01023357*	*1.18191529*	*1.33719433*	*2.11955285*	*1.68989369*	*1.23847593*	*2.99716268*
Int SD	*208.68900000*	*55.87670000*	*195.21700000*	*46.20710000*	*49.05660000*	*53.80150000*	*278.76700000*
RelInt Mean	0.06463920	0.00630579	0.03204300	0.00021302	0.00239674	0.00181244	0.02802130
RelInt RSD	*1.43022191*	*3.29620872*	*0.43060887*	*16.68530333*	*2.17797926*	*2.03235969*	*3.62720502*
RelInt SD	*0.00092448*	*0.00020785*	*0.00013798*	*0.00003554*	*0.00005220*	*0.00003684*	*0.00101639*
Conc Mean	5.38174000[mg/l]	0.08087150[mg/l]	1.23989000[mg/l]	<-0.00109785[mg/l]	0.12164100[mg/l]	0.02966210[mg/l]	0.01049670[mg/l]
Conc RSD	*1.46489983*	*3.19151988*	*0.42995104*	*144.07979232*	*2.26796886*	*2.08032472*	*7.33301895*
Conc SD	*0.07883710[mg/l]*	*0.00258103[mg/l]*	*0.00533092[mg/l]*	*0.00158178[mg/l]*	*0.00275878[mg/l]*	*0.00061707[mg/l]*	*0.00076973[mg/l]*

	Ti 334.941	Tl 190.864	V 292.464	Y 224.3_A	Y 371.0_A	Y_R 371.030	Zn 206.200
Int Mean	97149.0000000	2205.36000000	4254.28000000	383969	6652600	264021	1046160
Int RSD	*1.85073444*	*2.49623191*	*0.38795049*	*0.52264636*	*1.13339146*	*0.52318187*	*0.42577235*
Int SD	*1797.97000000*	*55.05090000*	*16.50450000*	*2006.80000000*	*75400.0000000*	*1381.31000000*	*4454.26000000*
RelInt Mean	0.01219740	-0.00182538	0.00025679	---	---	---	2.74197000
RelInt RSD	*2.92628757*	*3.49477369*	*6.33798045*	---	---	---	*0.95013804*
RelInt SD	*0.00035693*	*0.00006379*	*0.00001628*	---	---	---	*0.02605250*
Conc Mean	0.10115300[mg/l]	<-0.05884780[mg/l]	0.00515103[mg/l]	380707	6620280	261471	14.86250000[mg/l]
Conc RSD	*2.98883869*	*3.17291386*	*49.91545380*	---	---	---	*0.95054668*
Conc SD	*0.00302330[mg/l]*	*0.00186719[mg/l]*	*0.00257116[mg/l]*	*1986.27000000*	*75254.5000000*	*1468.68000000*	*0.14127500[mg/l]*

	Be_R 313.107	Li_R 670.780	Si 251.612	P 177.495	Cd 228.802	S 182.034	
Int Mean	136.37900000	3332.48000000	62336.6000000	473.31100000	2557.65000000	14778.4000000	
Int RSD	*36.21188013*	*4.19927501*	*1.55048719*	*8.63628777*	*3.13063945*	*0.82081957*	
Int SD	*49.38540000*	*139.94000000*	*966.52100000*	*40.87650000*	*80.07080000*	*121.30400000*	
RelInt Mean	-0.00037369	-0.00001163	0.15649600	0.00115518	0.00043759	0.03284900	
RelInt RSD	*101.57000112*	*3430.12103122*	*1.52117626*	*8.13636836*	*7.88085221*	*0.07514445*	
RelInt SD	*0.00037956*	*0.00039876*	*0.00238058*	*0.00009399*	*0.00003449*	*0.00002468*	
Conc Mean	<-0.00055635[mg/l]	<-0.00307050[mg/l]	2.37507000[mg/l]	0.33222900[mg/l]	<0.00008337[mg/l]	3.27378000[mg/l]	
Conc RSD	*106.63867449*	*203.40237746*	*1.52886441*	*8.19082621*	*166.62988462*	*0.07575249*	
Conc SD	*0.00059328[mg/l]*	*0.00624547[mg/l]*	*0.03631160[mg/l]*	*0.02721230[mg/l]*	*0.00013893[mg/l]*	*0.00247997[mg/l]*	

ENTHALPY SAMPLE USER REPORT FOR EPA 6010B

Inst:	MET06	Lab ID:	486134-010	Client ID:	AFRAME-C7E-LAT-L3-EXT-1 TO 2-230601-L-WF
Seqnum:	483220849196	Matrix:	Wipe	Acct:	RINCON-BERK (JG)
File:	met06_master011	Batch:	315308	Time:	02-JUN-2023 20:08
Cal:	483220849001	Caldate:	02-JUN-2023		
IDF:	1.0	Raw Units:	mg/l	Units:	ug/ft2

- 1.00 ft2 ⇨ 50.0 ml = 50.0 ml/ft2 PDF

Analyte	Ch	Raw	Result	RL	Blank	Flags
Lead	A	5.097	250	0.25		!<a+ u

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	SAMPLE Abund	%Drift
Yttrium	A	386874	377521	-2.42

!=warning +=high bias <=opening a=ICSA u=use

Method Name: Met06_Master011923 Method Autor: Operator

Sample Name: 486134-010,315308			Sample Type: Unknown Sample
Measure Date: 2023-06-02 20:08:26	Recalculation Date:	State: Measured	Quality:

	Ag 328.068	Al_R 396.152	As 189.042	B 249.677	Ba 230.424	Ca_R 317.933	Co 228.616
Int Mean	16043.1000000	5928.10000000	2490.02000000	3001.30000000	4965.92000000	62931.2000000	3098.71000000
Int RSD	*1.99591101*	*1.09606113*	*0.52487530*	*1.03892313*	*0.36384396*	*0.90287012*	*0.35349226*
Int SD	*320.20600000*	*64.97560000*	*13.06950000*	*31.18120000*	*18.06820000*	*568.18700000*	*10.95370000*
RelInt Mean	-0.00042407	0.01250590	-0.00196243	0.00215267	0.00586597	0.23650300	0.00143238
RelInt RSD	*2.31407861*	*1.05466220*	*2.05615996*	*4.25317397*	*0.77421807*	*0.99974208*	*3.50196875*
RelInt SD	*0.00000981*	*0.00013190*	*0.00004035*	*0.00009156*	*0.00004542*	*0.00236442*	*0.00005016*
Conc Mean	<-0.02112410[mg/l]	2.47098000[mg/l]	<-0.07068820[mg/l]	0.01508110[mg/l]	0.01914870[mg/l]	9.32070000[mg/l]	0.00810046[mg/l]
Conc RSD	*2.13504954*	*1.18854463*	*2.06386639*	*5.68900147*	*0.88840496*	*1.00612508*	*4.33564267*
Conc SD	*0.00045101[mg/l]*	*0.02936870[mg/l]*	*0.00145891[mg/l]*	*0.00085796[mg/l]*	*0.00017012[mg/l]*	*0.09377790[mg/l]*	*0.00035121[mg/l]*

	Cr 267.716	Cu 324.754	Fe 259.941	K_R 769.896	Mg_R 383.230	Mn 257.611	Mo 202.095
Int Mean	3275.59000000	64949.0000000	3560800	429.59900000	9668.03000000	244889	3211.44000000
Int RSD	*0.62027299*	*2.41518730*	*0.24196108*	*22.04562860*	*2.95679678*	*0.31086411*	*1.11838926*
Int SD	*20.31760000*	*1568.64000000*	*8615.75000000*	*94.70780000*	*285.86400000*	*761.27200000*	*35.91640000*
RelInt Mean	0.00324598	0.00770119	9.51426000	0.00123462	0.02620870	0.64777500	-0.00332082
RelInt RSD	*2.44313582*	*1.76080580*	*0.07655950*	*9.49458133*	*3.56843720*	*0.60452472*	*0.75619576*
RelInt SD	*0.00007930*	*0.00013560*	*0.00728407*	*0.00011722*	*0.00093524*	*0.00391596*	*0.00002511*
Conc Mean	0.02452700[mg/l]	0.12024200[mg/l]	37.07250000[mg/l]	1.56960000[mg/l]	4.27474000[mg/l]	0.41220300[mg/l]	<-0.02207650[mg/l]
Conc RSD	*2.56567456*	*1.86297633*	*0.07657374*	*8.31848879*	*3.83211611*	*0.60771513*	*0.72408670*
Conc SD	*0.00062928[mg/l]*	*0.00224008[mg/l]*	*0.02838780[mg/l]*	*0.13056700[mg/l]*	*0.16381300[mg/l]*	*0.00250502[mg/l]*	*0.00015985[mg/l]*

	Na_R 589.592	Ni 231.604	Pb 220.353	Sb 206.833	Se 196.090	Sn 189.991	Sr_R 407.771
Int Mean	22230.3000000	3782.48000000	52293.6000000	6180.92000000	3343.63000000	4317.23000000	10506.5000000
Int RSD	*1.75401142*	*0.17792321*	*0.23754723*	*0.40752348*	*1.00895434*	*0.61525098*	*1.85956313*
Int SD	*389.92200000*	*6.72991000*	*124.22200000*	*25.18870000*	*33.73570000*	*26.56180000*	*195.37500000*
RelInt Mean	0.07050810	0.00288031	0.13194500	-0.00380445	0.00272973	0.00046112	0.03286250
RelInt RSD	*2.15173859*	*0.93588537*	*0.53177991*	*0.95652197*	*2.94519238*	*29.87376306*	*2.96398022*
RelInt SD	*0.00151715*	*0.00002696*	*0.00070166*	*0.00003639*	*0.00008040*	*0.00013775*	*0.00097404*
Conc Mean	5.88222000[mg/l]	0.03833470[mg/l]	5.09739000[mg/l]	<-0.17973900[mg/l]	0.13924200[mg/l]	0.00702613[mg/l]	0.01416300[mg/l]
Conc RSD	*2.19950971*	*0.87310452*	*0.53149161*	*0.89988817*	*3.05188090*	*32.84140772*	*5.20811269*
Conc SD	*0.12938000[mg/l]*	*0.00033470[mg/l]*	*0.02709220[mg/l]*	*0.00161745[mg/l]*	*0.00424950[mg/l]*	*0.00230748[mg/l]*	*0.00073763[mg/l]*

	Ti 334.941	Tl 190.864	V 292.464	Y 224.3_A	Y 371.0_A	Y_R 371.030	Zn 206.200
Int Mean	139690	2512.67000000	4349.32000000	377521	6663220	267317	36934600
Int RSD	*3.12668051*	*0.90966979*	*2.02456016*	*0.30105080*	*1.18543737*	*0.10850937*	*0.10196943*
Int SD	*4367.66000000*	*22.85700000*	*88.05460000*	*1136.53000000*	*78988.3000000*	*290.06400000*	*37662.0000000*
RelInt Mean	0.01789740	-0.00197520	0.00026706	---	---	---	98.72720000
RelInt RSD	*2.47472817*	*2.96794755*	*5.40213960*	---	---	---	*0.24571243*
RelInt SD	*0.00044291*	*0.00005862*	*0.00001443*	---	---	---	*0.24258500*
Conc Mean	0.14943100[mg/l]	<-0.06332890[mg/l]	0.00677891[mg/l]	373925	6630590	264852	>535.40800000[mg/l]
Conc RSD	*2.51026895*	*2.71676912*	*33.62472728*	---	---	---	*0.24566686*
Conc SD	*0.00375112[mg/l]*	*0.00172050[mg/l]*	*0.00227939[mg/l]*	*1188.81000000*	*78826.1000000*	*330.34100000*	*1.31532000[mg/l]*

	Be_R 313.107	Li_R 670.780	Si 251.612	P 177.495	Cd 228.802	S 182.034	
Int Mean	193.55300000	3269.40000000	129585	698.77600000	3078.79000000	16649.4000000	
Int RSD	*12.45281654*	*2.51885667*	*1.41234711*	*1.59995478*	*1.46372439*	*1.11637657*	
Int SD	*24.10280000*	*82.35150000*	*1830.19000000*	*11.18010000*	*45.06500000*	*185.87000000*	
RelInt Mean	-0.00018593	0.00036073	0.33591300	0.00174239	0.00093732	0.03766840	
RelInt RSD	*143.14081947*	*48.35194385*	*1.26924531*	*1.56480466*	*13.46513506*	*1.64110767*	
RelInt SD	*0.00026614*	*0.00017442*	*0.00426356*	*0.00002727*	*0.00012621*	*0.00061818*	
Conc Mean	<-0.00026285[mg/l]	<0.00276145[mg/l]	5.11240000[mg/l]	0.50224200[mg/l]	0.00214238[mg/l]	3.75779000[mg/l]	
Conc RSD	*158.25962237*	*98.92737511*	*1.27236914*	*1.57189562*	*23.05646057*	*1.65226104*	
Conc SD	*0.00041599[mg/l]*	*0.00273183[mg/l]*	*0.06504860[mg/l]*	*0.00789472[mg/l]*	*0.00049396[mg/l]*	*0.06208850[mg/l]*	

ENTHALPY SAMPLE USER REPORT FOR EPA 6010B

Inst:	MET06	Lab ID:	486134-011	Client ID:	AFRAME-C7E-LAT-L3-EXT-1 TO 2-230601-L-DUP-WF
Seqnum:	483220849197	Matrix:	Wipe	Acct:	RINCON-BERK (JG)
File:	met06_master011	Batch:	315308	Time:	02-JUN-2023 20:11
Cal:	483220849001	Caldate:	02-JUN-2023		
IDF:	1.0	Raw Units:	mg/l	Units:	ug/ft2

- 1.00 ft2 ⇨ 50.0 ml = 50.0 ml/ft2 PDF

Analyte	Ch	Raw	Result	RL	Blank	Flags
Lead	A	5.582	280	0.25		!<a+ u

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	SAMPLE Abund	%Drift
Yttrium	A	386874	370791	-4.16

!=warning +=high bias <=opening a=ICSA u=use

Method Name: Met06_Master011923 Method Autor: Operator

Sample Name: 486134-011,315308			Sample Type: Unknown Sample
Measure Date: 2023-06-02 20:11:41	Recalculation Date:	State: Measured	Quality:

	Ag 328.068	Al_R 396.152	As 189.042	B 249.677	Ba 230.424	Ca_R 317.933	Co 228.616
Int Mean	15013.3000000	6634.04000000	2359.14000000	2868.63000000	4523.67000000	61749.1000000	2956.11000000
Int RSD	*1.23535798*	*2.27811409*	*0.49988131*	*0.76387683*	*0.90099853*	*1.19745713*	*0.95298551*
Int SD	*185.46800000*	*151.13100000*	*11.79290000*	*21.91280000*	*40.75820000*	*739.41900000*	*28.17130000*
RelInt Mean	-0.00023760	0.01516410	-0.00194535	0.00189050	0.00520382	0.23467600	0.00158249
RelInt RSD	*2.41328530*	*1.80912154*	*2.71184106*	*1.19532399*	*1.84096298*	*0.60067071*	*5.91129802*
RelInt SD	*0.00000573*	*0.00027434*	*0.00005275*	*0.00002260*	*0.00009580*	*0.00140963*	*0.00009355*
Conc Mean	<-0.01255430[mg/l]	3.06273000[mg/l]	<-0.07007130[mg/l]	0.01262440[mg/l]	0.01665910[mg/l]	9.24822000[mg/l]	0.00909786[mg/l]
Conc RSD	*2.09887449*	*1.99407718*	*2.72268389*	*1.67710149*	*2.16431260*	*0.60457688*	*7.34933270*
Conc SD	*0.00026350[mg/l]*	*0.06107320[mg/l]*	*0.00190782[mg/l]*	*0.00021172[mg/l]*	*0.00036056[mg/l]*	*0.05591260[mg/l]*	*0.00066863[mg/l]*

	Cr 267.716	Cu 324.754	Fe 259.941	K_R 769.896	Mg_R 383.230	Mn 257.611	Mo 202.095
Int Mean	3296.08000000	69163.6000000	3716430	368.07500000	9757.35000000	271148	2738.02000000
Int RSD	*0.50139560*	*2.06101186*	*0.40171078*	*29.59125178*	*2.11095226*	*0.64267854*	*1.31787934*
Int SD	*16.52640000*	*1425.47000000*	*14929.3000000*	*108.91800000*	*205.97300000*	*1742.61000000*	*36.08380000*
RelInt Mean	0.00335124	0.00863122	10.10850000	0.00081542	0.02653450	0.73080200	-0.00255427
RelInt RSD	*0.23765800*	*2.00628648*	*0.09528338*	*24.86733814*	*1.54101264*	*0.34001959*	*5.15705074*
RelInt SD	*0.00000796*	*0.00017317*	*0.00963172*	*0.00020277*	*0.00040890*	*0.00248487*	*0.00013173*
Conc Mean	0.02536220[mg/l]	0.13560500[mg/l]	39.38830000[mg/l]	<1.10269000[mg/l]	4.33181000[mg/l]	0.46532300[mg/l]	<-0.01719590[mg/l]
Conc RSD	*0.24919802*	*2.10923639*	*0.09561773*	*20.48218448*	*1.65347741*	*0.34167019*	*4.87722073*
Conc SD	*0.00006320[mg/l]*	*0.00286023[mg/l]*	*0.03766220[mg/l]*	*0.22585500[mg/l]*	*0.07162550[mg/l]*	*0.00158987[mg/l]*	*0.00083868[mg/l]*

	Na_R 589.592	Ni 231.604	Pb 220.353	Sb 206.833	Se 196.090	Sn 189.991	Sr_R 407.771
Int Mean	20017.2000000	3641.43000000	55869.9000000	4440.49000000	3162.91000000	4091.41000000	10435.2000000
Int RSD	*1.19376336*	*0.54718339*	*0.29336548*	*0.71561021*	*0.49884442*	*0.56891634*	*2.72886001*
Int SD	*238.95800000*	*19.92530000*	*163.90300000*	*31.77660000*	*15.77800000*	*23.27670000*	*284.76200000*
RelInt Mean	0.06259380	0.00307515	0.14449700	-0.00199044	0.00265839	0.00045328	0.03246160
RelInt RSD	*0.75742486*	*3.52015349*	*0.34487014*	*2.76474046*	*0.87107986*	*9.92212353*	*2.47061143*
RelInt SD	*0.00047410*	*0.00010825*	*0.00049833*	*0.00005503*	*0.00002316*	*0.00004498*	*0.00080200*
Conc Mean	5.20732000[mg/l]	0.04075430[mg/l]	5.58182000[mg/l]	<-0.09910500[mg/l]	0.13547100[mg/l]	0.00689490[mg/l]	0.01385940[mg/l]
Conc RSD	*0.77634945*	*3.29820412*	*0.34447008*	*2.46853337*	*0.90355870*	*10.92655441*	*4.38222434*
Conc SD	*0.04042700[mg/l]*	*0.00134416[mg/l]*	*0.01922770[mg/l]*	*0.00244644[mg/l]*	*0.00122406[mg/l]*	*0.00075338[mg/l]*	*0.00060735[mg/l]*

	Ti 334.941	Tl 190.864	V 292.464	Y 224.3_A	Y 371.0_A	Y_R 371.030	Zn 206.200
Int Mean	162427	2434.88000000	4317.58000000	370791	6463640	264264	23646200
Int RSD	*2.98487320*	*0.50994300*	*2.88267965*	*0.32126993*	*0.40112847*	*0.93906094*	*1.21121364*
Int SD	*4848.24000000*	*12.41650000*	*124.46200000*	*1191.24000000*	*25927.5000000*	*2481.60000000*	*286406*
RelInt Mean	0.02228770	-0.00197335	0.00028312	---	---	---	64.33750000
RelInt RSD	*2.92110895*	*3.42680721*	*5.03187660*	---	---	---	*0.95278337*
RelInt SD	*0.00065105*	*0.00006762*	*0.00001425*	---	---	---	*0.61299700*
Conc Mean	0.18661600[mg/l]	<-0.06338180[mg/l]	0.00931504[mg/l]	367341	6431910	261824	>348.90700000[mg/l]
Conc RSD	*2.95450015*	*3.14557176*	*24.16468421*	---	---	---	*0.95295595*
Conc SD	*0.00551357[mg/l]*	*0.00199372[mg/l]*	*0.00225095[mg/l]*	*1177.90000000*	*25752.1000000*	*2418.89000000*	*3.32493000[mg/l]*

	Be_R 313.107	Li_R 670.780	Si 251.612	P 177.495	Cd 228.802	S 182.034	
Int Mean	299.16100000	3226.05000000	134250	604.21500000	2815.65000000	15300.2000000	
Int RSD	*35.54006037*	*2.88925466*	*0.52714786*	*3.16456890*	*0.42737201*	*0.99133345*	
Int SD	*106.32200000*	*93.20880000*	*707.69600000*	*19.12080000*	*12.03330000*	*151.67600000*	
RelInt Mean	0.00010134	0.00003966	0.35622300	0.00152437	0.00074788	0.03499530	
RelInt RSD	*284.11075696*	*1149.76310727*	*0.25553824*	*4.34101957*	*9.62734663*	*1.45986461*	
RelInt SD	*0.00028791*	*0.00045599*	*0.00091029*	*0.00006617*	*0.00007200*	*0.00051088*	
Conc Mean	<0.00018616[mg/l]	<-0.00226727[mg/l]	5.42212000[mg/l]	0.43912000[mg/l]	0.00140113[mg/l]	3.48933000[mg/l]	
Conc RSD	*241.74052707*	*314.99909583*	*0.25575052*	*4.36279377*	*20.52386288*	*1.47047141*	
Conc SD	*0.00045003[mg/l]*	*0.00714188[mg/l]*	*0.01386710[mg/l]*	*0.01915790[mg/l]*	*0.00028757[mg/l]*	*0.05130960[mg/l]*	

ENTHALPY SAMPLE USER REPORT FOR EPA 6010B

Inst:	MET06	Lab ID:	486134-014	Client ID:	AFRAME-C7E-LAT-L3-UP-C7.1-DG-230601-L-LA
Seqnum:	483220849198	Matrix:	Wipe	Acct:	RINCON-BERK (JG)
File:	met06_master011	Batch:	315308	Time:	02-JUN-2023 20:14
Cal:	483220849001	Caldate:	02-JUN-2023		
IDF:	1.0	Raw Units:	mg/l	Units:	ug/ft2

- 1.00 ft2 ⇨ 50.0 ml = 50.0 ml/ft2 PDF

Analyte	Ch	Raw	Result	RL	Blank	Flags
Lead	A	2.150	110	0.25		!<a+ u

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	SAMPLE Abund	%Drift
Yttrium	A	386874	381380	-1.42

!=warning +=high bias <=opening a=ICSA u=use

Method Name: Met06_Master011923 Method Autor: Operator

Sample Name: 486134-014,315308			Sample Type: Unknown Sample
Measure Date: 2023-06-02 20:14:56	Recalculation Date:	State: Measured	Quality:

	Ag 328.068	Al_R 396.152	As 189.042	B 249.677	Ba 230.424	Ca_R 317.933	Co 228.616
Int Mean	14759.6000000	6079.34000000	2566.15000000	3321.44000000	3980.81000000	71750.9000000	3130.78000000
Int RSD	*0.91280929*	*0.86777183*	*0.88646806*	*1.05733658*	*0.54709971*	*0.26565381*	*1.61945905*
Int SD	*134.72700000*	*52.75480000*	*22.74810000*	*35.11880000*	*21.77900000*	*190.60900000*	*50.70170000*
RelInt Mean	-0.00011202	0.01241580	-0.00100009	0.00212916	0.00377469	0.27206100	0.00220604
RelInt RSD	*19.76137977*	*2.10108088*	*2.96926277*	*2.84732007*	*1.25989949*	*0.62396668*	*4.25706696*
RelInt SD	*0.00002214*	*0.00026087*	*0.00002970*	*0.00006062*	*0.00004756*	*0.00169757*	*0.00009391*
Conc Mean	<-0.00678263[mg/l]	2.45092000[mg/l]	<-0.03590610[mg/l]	0.01486080[mg/l]	0.01129500[mg/l]	10.73090000[mg/l]	0.01352500[mg/l]
Conc RSD	*14.99963878*	*2.36904917*	*2.99057820*	*3.82280227*	*1.56301903*	*0.62736863*	*4.94946396*
Conc SD	*0.00101737[mg/l]*	*0.05806350[mg/l]*	*0.00107380[mg/l]*	*0.00056810[mg/l]*	*0.00017654[mg/l]*	*0.06732230[mg/l]*	*0.00066941[mg/l]*

	Cr 267.716	Cu 324.754	Fe 259.941	K_R 769.896	Mg_R 383.230	Mn 257.611	Mo 202.095
Int Mean	4677.84000000	144114	7612460	490.84000000	10225.2000000	297534	2078.81000000
Int RSD	*0.80229764*	*1.92748102*	*0.34176206*	*12.10422948*	*2.03258616*	*0.59927269*	*0.60711657*
Int SD	*37.53020000*	*2777.77000000*	*26016.5000000*	*59.41240000*	*207.83600000*	*1783.04000000*	*12.62080000*
RelInt Mean	0.00613719	0.01988060	20.13000000	0.00134996	0.02806750	0.77908300	-0.00130186
RelInt RSD	*0.97935048*	*1.62216432*	*0.43811823*	*8.44217606*	*0.67020219*	*0.60839602*	*5.09035534*
RelInt SD	*0.00006010*	*0.00032250*	*0.08819320*	*0.00011397*	*0.00018811*	*0.00473991*	*0.00006627*
Conc Mean	0.04746730[mg/l]	0.32143400[mg/l]	78.44260000[mg/l]	1.69807000[mg/l]	4.60031000[mg/l]	0.49621300[mg/l]	<-0.00922198[mg/l]
Conc RSD	*1.00468112*	*1.65745379*	*0.43809231*	*7.47513353*	*0.71636259*	*0.61107831*	*4.57529728*
Conc SD	*0.00047690[mg/l]*	*0.00532762[mg/l]*	*0.34365100[mg/l]*	*0.12693300[mg/l]*	*0.03295490[mg/l]*	*0.00303225[mg/l]*	*0.00042193[mg/l]*

	Na_R 589.592	Ni 231.604	Pb 220.353	Sb 206.833	Se 196.090	Sn 189.991	Sr_R 407.771
Int Mean	22679.9000000	16798.2000000	23581.8000000	2511.03000000	3026.49000000	4824.54000000	10474.3000000
Int RSD	*1.11662309*	*0.56972711*	*0.48781688*	*0.42363492*	*0.98434821*	*0.26267997*	*0.39719504*
Int SD	*253.24900000*	*95.70390000*	*115.03600000*	*10.63760000*	*29.79120000*	*12.67310000*	*41.60340000*
RelInt Mean	0.07232800	0.03784980	0.05565120	0.00055345	0.00237185	0.00284114	0.03227240
RelInt RSD	*1.23257660*	*1.17469841*	*0.47763031*	*4.75011293*	*2.40884963*	*2.21193605*	*0.63676702*
RelInt SD	*0.00089150*	*0.00044462*	*0.00026581*	*0.00002629*	*0.00005713*	*0.00006284*	*0.00020550*
Conc Mean	6.03741000[mg/l]	0.47257800[mg/l]	2.15000000[mg/l]	0.01385030[mg/l]	0.12032500[mg/l]	0.04689360[mg/l]	0.01371610[mg/l]
Conc RSD	*1.25920883*	*1.16826005*	*0.47652093*	*8.44855346*	*2.50955329*	*2.24486924*	*1.13478321*
Conc SD	*0.07602360[mg/l]*	*0.00552094[mg/l]*	*0.01024520[mg/l]*	*0.00117015[mg/l]*	*0.00301962[mg/l]*	*0.00105270[mg/l]*	*0.00015565[mg/l]*

	Ti 334.941	Tl 190.864	V 292.464	Y 224.3_A	Y 371.0_A	Y_R 371.030	Zn 206.200
Int Mean	153568	2319.00000000	4496.51000000	381380	6534470	265044	1643980
Int RSD	*3.76525708*	*0.94926693*	*2.30336416*	*0.49377786*	*0.62367415*	*0.88224219*	*0.46115342*
Int SD	*5782.23000000*	*22.01350000*	*103.57100000*	*1883.17000000*	*40753.8000000*	*2338.33000000*	*7581.27000000*
RelInt Mean	0.02097700	-0.00185736	0.00025308	---	---	---	4.34268000
RelInt RSD	*3.88430662*	*3.09966835*	*2.45302745*	---	---	---	*0.79833191*
RelInt SD	*0.00081481*	*0.00005757*	*0.00000621*	---	---	---	*0.03466900*
Conc Mean	0.17551500[mg/l]	<-0.05997180[mg/l]	0.00456586[mg/l]	377963	6500930	262517	23.54350000[mg/l]
Conc RSD	*3.93180640*	*2.79351295*	*21.48666407*	---	---	---	*0.79865356*
Conc SD	*0.00690091[mg/l]*	*0.00167532[mg/l]*	*0.00098105[mg/l]*	*1870.04000000*	*40679.4000000*	*2277.14000000*	*0.18803100[mg/l]*

	Be_R 313.107	Li_R 670.780	Si 251.612	P 177.495	Cd 228.802	S 182.034	
Int Mean	230.39400000	3374.62000000	109690	530.38900000	2671.53000000	15434.6000000	
Int RSD	*32.65796852*	*5.20265986*	*1.32541708*	*1.96961098*	*0.04224808*	*0.79234966*	
Int SD	*75.24200000*	*175.57000000*	*1453.85000000*	*10.44660000*	*1.12867000*	*122.29600000*	
RelInt Mean	-0.00015009	0.00034404	0.28212900	0.00129983	0.00010352	0.03461770	
RelInt RSD	*226.41078258*	*141.13329845*	*0.88956116*	*1.09631259*	*26.62863822*	*0.26517042*	
RelInt SD	*0.00033983*	*0.00048556*	*0.00250971*	*0.00001425*	*0.00002757*	*0.00009180*	
Conc Mean	<-0.00020684[mg/l]	<0.00250007[mg/l]	4.29164000[mg/l]	0.37411100[mg/l]	<-0.00123688[mg/l]	3.45141000[mg/l]	
Conc RSD	*256.79932703*	*304.18988268*	*0.89227428*	*1.10307101*	*8.86140935*	*0.26705839*	
Conc SD	*0.00053117[mg/l]*	*0.00760496[mg/l]*	*0.03829320[mg/l]*	*0.00412671[mg/l]*	*0.00010960[mg/l]*	*0.00921728[mg/l]*	

ENTHALPY SAMPLE USER REPORT FOR EPA 6010B

Inst:	MET06	Lab ID:	486134-016	Client ID:	AFRAME-C7E-MED-L3-UP-C7.6-HM-230601-L-CB
Seqnum:	483220849199	Matrix:	Wipe	Acct:	RINCON-BERK (JG)
File:	met06_master011	Batch:	315308	Time:	02-JUN-2023 20:18
Cal:	483220849001	Caldate:	02-JUN-2023		
IDF:	1.0	Raw Units:	mg/l	Units:	ug/ft2

- 1.00 ft2 ⇨ 50.0 ml = 50.0 ml/ft2 PDF

Analyte	Ch	Raw	Result	RL	Blank	Flags
Lead	A	2.767	140	0.25		!<a+ u

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	SAMPLE Abund	%Drift
Yttrium	A	386874	371763	-3.91

!=warning +=high bias <=opening a=ICSA u=use

Method Name: Met06_Master011923 Method Autor: Operator

Sample Name: 486134-016,315308			Sample Type: Unknown Sample
Measure Date: 2023-06-02 20:18:10	Recalculation Date:	State: Measured	Quality:

	Ag 328.068	Al_R 396.152	As 189.042	B 249.677	Ba 230.424	Ca_R 317.933	Co 228.616
Int Mean	14370.6000000	4978.73000000	2510.94000000	3102.80000000	3612.45000000	62211.6000000	2746.51000000
Int RSD	*1.01889274*	*6.24773788*	*0.46190670*	*0.49471445*	*0.55592742*	*1.52461117*	*1.21005567*
Int SD	*146.42100000*	*311.05800000*	*11.59820000*	*15.35000000*	*20.08260000*	*948.48500000*	*33.23430000*
RelInt Mean	-0.00008112	0.00908062	-0.00126294	0.00221550	0.00315844	0.23539100	0.00142241
RelInt RSD	*31.93480348*	*9.69352313*	*7.23511806*	*0.92330851*	*2.56064070*	*1.56000867*	*4.27359903*
RelInt SD	*0.00002591*	*0.00088023*	*0.00009138*	*0.00002046*	*0.00008088*	*0.00367212*	*0.00006079*
Conc Mean	<-0.00536261[mg/l]	1.70847000[mg/l]	<-0.04538700[mg/l]	0.01566980[mg/l]	0.00899862[mg/l]	9.27656000[mg/l]	0.00803276[mg/l]
Conc RSD	*22.20168910*	*11.46950195*	*7.28448675*	*1.22330215*	*3.35973738*	*1.56993541*	*5.35347751*
Conc SD	*0.00119059[mg/l]*	*0.19595300[mg/l]*	*0.00330621[mg/l]*	*0.00019169[mg/l]*	*0.00030233[mg/l]*	*0.14563600[mg/l]*	*0.00043003[mg/l]*

	Cr 267.716	Cu 324.754	Fe 259.941	K_R 769.896	Mg_R 383.230	Mn 257.611	Mo 202.095
Int Mean	3149.21000000	122828	5657980	408.52900000	8853.82000000	187021	1996.07000000
Int RSD	*3.24548061*	*2.71567558*	*0.32290676*	*21.44621312*	*3.57538328*	*0.51386582*	*0.93252241*
Int SD	*102.20700000*	*3335.61000000*	*18270.0000000*	*87.61400000*	*316.55800000*	*961.03700000*	*18.61380000*
RelInt Mean	0.00257528	0.01676920	15.34640000	0.00120812	0.02339770	0.49991200	-0.00147610
RelInt RSD	*11.36214315*	*3.04888725*	*0.13533663*	*18.42846737*	*3.12343521*	*0.93777905*	*3.61458573*
RelInt SD	*0.00029261*	*0.00051127*	*0.02076930*	*0.00022264*	*0.00073081*	*0.00468807*	*0.00005335*
Conc Mean	0.01920530[mg/l]	0.27003700[mg/l]	59.80070000[mg/l]	1.54009000[mg/l]	3.78238000[mg/l]	0.31760200[mg/l]	<-0.01033130[mg/l]
Conc RSD	*12.08900668*	*3.12739365*	*0.13530845*	*16.10152653*	*3.38445635*	*0.94424468*	*3.28814380*
Conc SD	*0.00232173[mg/l]*	*0.00844512[mg/l]*	*0.08091540[mg/l]*	*0.24797800[mg/l]*	*0.12801300[mg/l]*	*0.00299894[mg/l]*	*0.00033971[mg/l]*

	Na_R 589.592	Ni 231.604	Pb 220.353	Sb 206.833	Se 196.090	Sn 189.991	Sr_R 407.771
Int Mean	21462.6000000	4853.05000000	28891.8000000	2367.60000000	3046.50000000	4434.11000000	9461.73000000
Int RSD	*3.78708544*	*0.76293877*	*0.36353221*	*0.57241933*	*0.32218021*	*0.74705634*	*3.59279963*
Int SD	*812.80700000*	*37.02580000*	*105.03100000*	*13.55260000*	*9.81522000*	*33.12530000*	*339.94100000*
RelInt Mean	0.06787120	0.00672800	0.07159620	0.00008166	0.00260630	0.00169075	0.02859100
RelInt RSD	*3.48470338*	*1.45273781*	*0.12085739*	*40.88042304*	*1.52260292*	*10.68726896*	*3.35103354*
RelInt SD	*0.00236511*	*0.00009774*	*0.00008653*	*0.00003338*	*0.00003968*	*0.00018070*	*0.00095809*
Conc Mean	5.65736000[mg/l]	0.08611440[mg/l]	2.76652000[mg/l]	<-0.00695685[mg/l]	0.13271700[mg/l]	0.02762360[mg/l]	0.01092810[mg/l]
Conc RSD	*3.56501973*	*1.40938101*	*0.12102678*	*21.42737015*	*1.58042301*	*10.95718878*	*6.63922365*
Conc SD	*0.20168600[mg/l]*	*0.00121368[mg/l]*	*0.00334823[mg/l]*	*0.00149067[mg/l]*	*0.00209749[mg/l]*	*0.00302677[mg/l]*	*0.00072554[mg/l]*

	Ti 334.941	Tl 190.864	V 292.464	Y 224.3_A	Y 371.0_A	Y_R 371.030	Zn 206.200
Int Mean	131479	2305.91000000	4314.52000000	371763	6505550	265563	2225090
Int RSD	*12.81101925*	*0.62367135*	*1.71377581*	*0.41454098*	*0.70943425*	*0.41087802*	*0.68413412*
Int SD	*16843.8000000*	*14.38130000*	*73.94120000*	*1541.11000000*	*46152.6000000*	*1091.14000000*	*15222.6000000*
RelInt Mean	0.01770740	-0.00208174	0.00026240	---	---	---	6.03132000
RelInt RSD	*14.25980099*	*3.50964578*	*5.38344862*	---	---	---	*0.27211622*
RelInt SD	*0.00252504*	*0.00007306*	*0.00001413*	---	---	---	*0.01641220*
Conc Mean	0.14782200[mg/l]	<-0.06648210[mg/l]	0.00603736[mg/l]	368453	6473120	263087	32.70130000[mg/l]
Conc RSD	*14.46773823*	*3.27638567*	*36.97013264*	---	---	---	*0.27216624*
Conc SD	*0.02138650[mg/l]*	*0.00217821[mg/l]*	*0.00223202[mg/l]*	*1519.61000000*	*46162.2000000*	*1121.48000000*	*0.08900190[mg/l]*

	Be_R 313.107	Li_R 670.780	Si 251.612	P 177.495	Cd 228.802	S 182.034	
Int Mean	229.00100000	3248.30000000	82145.3000000	485.30200000	2605.13000000	15719.3000000	
Int RSD	*42.69404937*	*5.78062371*	*1.32776921*	*7.67252144*	*0.44005098*	*0.64186700*	
Int SD	*97.76980000*	*187.77200000*	*1090.70000000*	*37.23490000*	*11.46390000*	*100.89700000*	
RelInt Mean	-0.00015651	0.00016299	0.21526600	0.00122126	0.00039272	0.03619420	
RelInt RSD	*256.00408920*	*90.72809488*	*1.80378694*	*8.03795261*	*14.63504625*	*0.27230578*	
RelInt SD	*0.00040067*	*0.00014788*	*0.00388294*	*0.00009816*	*0.00005747*	*0.00009856*	
Conc Mean	<-0.00021687[mg/l]	<-0.00033567[mg/l]	3.27165000[mg/l]	0.35136300[mg/l]	<-0.00007419[mg/l]	3.60974000[mg/l]	
Conc RSD	*288.77632889*	*689.99448855*	*1.81032812*	*8.08858645*	*316.05438179*	*0.27430037*	
Conc SD	*0.00062628[mg/l]*	*0.00231607[mg/l]*	*0.05922760[mg/l]*	*0.02842030[mg/l]*	*0.00023447[mg/l]*	*0.00990153[mg/l]*	

ENTHALPY SAMPLE USER REPORT FOR EPA 6010B

Inst:	MET06	Lab ID:	486134-018	Client ID:	AFRAME-C6E-LAT-L3-UP-C6.4-DG-230601-L-LA
Seqnum:	483220849200	Matrix:	Wipe	Acct:	RINCON-BERK (JG)
File:	met06_master011	Batch:	315308	Time:	02-JUN-2023 20:21
Cal:	483220849001	Caldate:	02-JUN-2023		
IDF:	1.0	Raw Units:	mg/l	Units:	ug/ft2

- 1.00 ft2 ⇨ 50.0 ml = 50.0 ml/ft2 PDF

Analyte	Ch	Raw	Result	RL	Blank	Flags
Lead	A	1.373	69	0.25		!<a+ u

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	SAMPLE Abund	%Drift
Yttrium	A	386874	369017	-4.62

!=warning +=high bias <=opening a=ICSA u=use

Method Name: Met06_Master011923 Method Autor: Operator

Sample Name: 486134-018,315308			Sample Type: Unknown Sample
Measure Date: 2023-06-02 20:21:26	Recalculation Date:	State: Measured	Quality:

	Ag 328.068	Al_R 396.152	As 189.042	B 249.677	Ba 230.424	Ca_R 317.933	Co 228.616
Int Mean	14425.5000000	5154.36000000	2648.18000000	3291.07000000	3565.28000000	69119.4000000	3196.92000000
Int RSD	*1.96698208*	*1.64863533*	*1.10973574*	*0.11819864*	*0.54069807*	*0.21481379*	*0.96191647*
Int SD	*283.74700000*	*84.97660000*	*29.38780000*	*3.89000000*	*19.27740000*	*148.47800000*	*30.75170000*
RelInt Mean	-0.00013114	0.00950700	-0.00098936	0.00185248	0.00280443	0.26267800	0.00247255
RelInt RSD	*13.02257841*	*3.51235931*	*9.98844704*	*4.31376317*	*3.63656786*	*0.08779951*	*2.63636731*
RelInt SD	*0.00001708*	*0.00033392*	*0.00009882*	*0.00007991*	*0.00010199*	*0.00023063*	*0.00006519*
Conc Mean	<-0.00766159[mg/l]	1.80339000[mg/l]	<-0.03550710[mg/l]	0.01226810[mg/l]	0.00767637[mg/l]	10.35880000[mg/l]	0.01548180[mg/l]
Conc RSD	*10.24432265*	*4.12205901*	*10.06522639*	*6.10378950*	*4.97769128*	*0.08824497*	*3.11965663*
Conc SD	*0.00078488[mg/l]*	*0.07433680[mg/l]*	*0.00357387[mg/l]*	*0.00074882[mg/l]*	*0.00038211[mg/l]*	*0.00914112[mg/l]*	*0.00048298[mg/l]*

	Cr 267.716	Cu 324.754	Fe 259.941	K_R 769.896	Mg_R 383.230	Mn 257.611	Mo 202.095
Int Mean	4124.41000000	225925	9230040	364.67900000	9274.43000000	305882	2028.58000000
Int RSD	*0.31950509*	*1.69060529*	*0.33908954*	*15.95740363*	*1.32029677*	*0.66954904*	*1.31463881*
Int SD	*13.17770000*	*3819.50000000*	*31298.1000000*	*58.19330000*	*122.45000000*	*2048.03000000*	*26.66850000*
RelInt Mean	0.00459819	0.03255760	25.23570000	0.00093960	0.02487750	0.82799500	-0.00144482
RelInt RSD	*0.26558276*	*1.07315650*	*0.25757161*	*19.66104689*	*2.51748769*	*0.13597667*	*9.23395302*
RelInt SD	*0.00001221*	*0.00034939*	*0.06500000*	*0.00018474*	*0.00062629*	*0.00112588*	*0.00013341*
Conc Mean	0.03525610[mg/l]	0.53084600[mg/l]	98.33960000[mg/l]	<1.24100000[mg/l]	4.04158000[mg/l]	0.52750700[mg/l]	<-0.01013220[mg/l]
Conc RSD	*0.27498220*	*1.08729650*	*0.25772934*	*16.58025786*	*2.71450769*	*0.13650151*	*8.38361856*
Conc SD	*0.00009695[mg/l]*	*0.00577187[mg/l]*	*0.25345000[mg/l]*	*0.20576100[mg/l]*	*0.10970900[mg/l]*	*0.00072005[mg/l]*	*0.00084945[mg/l]*

	Na_R 589.592	Ni 231.604	Pb 220.353	Sb 206.833	Se 196.090	Sn 189.991	Sr_R 407.771
Int Mean	21034.2000000	7840.75000000	15491.0000000	2319.43000000	3089.67000000	5108.98000000	9911.78000000
Int RSD	*1.78134657*	*0.60952332*	*0.82407204*	*0.18967376*	*1.19249305*	*0.25005187*	*1.21062009*
Int SD	*374.69200000*	*47.79120000*	*127.65700000*	*4.39935000*	*36.84410000*	*12.77510000*	*119.99400000*
RelInt Mean	0.06677090	0.01471100	0.03554210	0.00049309	0.00239940	0.00350719	0.03034500
RelInt RSD	*2.42957636*	*1.48651349*	*0.38714932*	*9.54413632*	*4.98316246*	*3.03445208*	*2.02683803*
RelInt SD	*0.00162225*	*0.00021868*	*0.00013760*	*0.00004706*	*0.00011957*	*0.00010642*	*0.00061504*
Conc Mean	5.56352000[mg/l]	0.18524500[mg/l]	1.37276000[mg/l]	0.01123850[mg/l]	0.12178200[mg/l]	0.05805060[mg/l]	0.01225640[mg/l]
Conc RSD	*2.48662717*	*1.46590191*	*0.38759288*	*18.61974463*	*5.18923979*	*3.07102769*	*3.80034921*
Conc SD	*0.13834400[mg/l]*	*0.00271551[mg/l]*	*0.00532072[mg/l]*	*0.00209258[mg/l]*	*0.00631956[mg/l]*	*0.00178275[mg/l]*	*0.00046579[mg/l]*

	Ti 334.941	Tl 190.864	V 292.464	Y 224.3_A	Y 371.0_A	Y_R 371.030	Zn 206.200
Int Mean	120011	2332.26000000	4354.39000000	369017	6504910	264202	227895
Int RSD	*7.68755364*	*0.48453431*	*2.19112666*	*0.57887848*	*0.64208421*	*0.26563879*	*0.50645253*
Int SD	*9225.91000000*	*11.30060000*	*95.41020000*	*2136.16000000*	*41767.0000000*	*701.82300000*	*1154.18000000*
RelInt Mean	0.01597560	-0.00214429	0.00023589	---	---	---	0.61787700
RelInt RSD	*9.75587771*	*3.96965429*	*4.67572162*	---	---	---	*0.11254975*
RelInt SD	*0.00155856*	*0.00008512*	*0.00001103*	---	---	---	*0.00069542*
Conc Mean	0.13315400[mg/l]	<-0.06828080[mg/l]	<0.00184993[mg/l]	365556	6471780	261754	3.34315000[mg/l]
Conc RSD	*9.91355874*	*3.69601704*	*94.20734839*	---	---	---	*0.11285734*
Conc SD	*0.01320030[mg/l]*	*0.00252367[mg/l]*	*0.00174277[mg/l]*	*2143.66000000*	*41311.2000000*	*706.89500000*	*0.00377299[mg/l]*

	Be_R 313.107	Li_R 670.780	Si 251.612	P 177.495	Cd 228.802	S 182.034	
Int Mean	196.00700000	3235.17000000	84554.5000000	492.49400000	2668.68000000	15471.6000000	
Int RSD	*60.01877484*	*1.72672224*	*0.84808733*	*2.29661681*	*0.72735959*	*0.07687246*	
Int SD	*117.64100000*	*55.86240000*	*717.09600000*	*11.31070000*	*19.41090000*	*11.89340000*	
RelInt Mean	-0.00031226	0.00004861	0.22312000	0.00122575	-0.00003795	0.03574950	
RelInt RSD	*118.08155305*	*763.73457965*	*0.61554321*	*2.41810320*	*87.21340504*	*0.67615491*	
RelInt SD	*0.00036873*	*0.00037127*	*0.00137340*	*0.00002964*	*0.00003310*	*0.00024172*	
Conc Mean	<-0.00046032[mg/l]	<-0.00212703[mg/l]	3.39146000[mg/l]	0.35266200[mg/l]	<-0.00179022[mg/l]	3.56508000[mg/l]	
Conc RSD	*125.20290057*	*273.38683516*	*0.61815265*	*2.43338664*	*6.54500564*	*0.68098051*	
Conc SD	*0.00057634[mg/l]*	*0.00581502[mg/l]*	*0.02096440[mg/l]*	*0.00858163[mg/l]*	*0.00011717[mg/l]*	*0.02427750[mg/l]*	

ENTHALPY SAMPLE USER REPORT FOR EPA 6010B

Inst:	MET06	Lab ID:	486134-020	Client ID:	AFRAME-C6E-MED-L3-UP-C6E-DG-230601-L-LA
Seqnum:	483220849203	Matrix:	Wipe	Acct:	RINCON-BERK (JG)
File:	met06_master011	Batch:	315308	Time:	02-JUN-2023 20:31
Cal:	483220849001	Caldate:	02-JUN-2023		
IDF:	1.0	Raw Units:	mg/l	Units:	ug/ft2

- 1.00 ft2 ⇨ 50.0 ml = 50.0 ml/ft2 PDF

Analyte	Ch	Raw	Result	RL	Blank	Flags
Lead	A	1.430	71	0.25		!<a+ u

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	SAMPLE Abund	%Drift
Yttrium	A	386874	362788	-6.23

!=warning +=high bias <=opening a=ICSA u=use

Method Name: Met06_Master011923 Method Autor: Operator

Sample Name: 486134-020,315308			Sample Type: Unknown Sample
Measure Date: 2023-06-02 20:31:12	Recalculation Date:	State: Measured	Quality:

	Ag 328.068	Al_R 396.152	As 189.042	B 249.677	Ba 230.424	Ca_R 317.933	Co 228.616
Int Mean	14729.4000000	5477.35000000	2470.77000000	3450.48000000	3705.49000000	73435.9000000	3378.46000000
Int RSD	*1.97556588*	*2.07304627*	*1.55538557*	*0.63870824*	*0.96015372*	*0.70633981*	*0.75285485*
Int SD	*290.98900000*	*113.54800000*	*38.43000000*	*22.03850000*	*35.57840000*	*518.70700000*	*25.43490000*
RelInt Mean	-0.00012831	0.01073600	-0.00107896	0.00195895	0.00313517	0.28669400	0.00293092
RelInt RSD	*27.39270043*	*3.77395678*	*11.69209239*	*7.37818729*	*1.91538258*	*1.22886771*	*1.48555402*
RelInt SD	*0.00003515*	*0.00040517*	*0.00012615*	*0.00014454*	*0.00006005*	*0.00352309*	*0.00004354*
Conc Mean	<-0.00753133[mg/l]	2.07696000[mg/l]	<-0.03877710[mg/l]	0.01326590[mg/l]	0.00890722[mg/l]	11.31130000[mg/l]	0.01867400[mg/l]
Conc RSD	*21.44813731*	*4.34264983*	*11.76606812*	*10.20940909*	*2.53833407*	*1.23527800*	*1.76482810*
Conc SD	*0.00161533[mg/l]*	*0.09019510[mg/l]*	*0.00456254[mg/l]*	*0.00135437[mg/l]*	*0.00022609[mg/l]*	*0.13972600[mg/l]*	*0.00032956[mg/l]*

	Cr 267.716	Cu 324.754	Fe 259.941	K_R 769.896	Mg_R 383.230	Mn 257.611	Mo 202.095
Int Mean	5679.75000000	153174	10190200	435.23100000	9628.98000000	364766	2107.29000000
Int RSD	*1.20663762*	*2.03997415*	*0.78903358*	*22.15209854*	*2.57260894*	*0.47706201*	*0.65912143*
Int SD	*68.53400000*	*3124.71000000*	*80404.1000000*	*96.41280000*	*247.71600000*	*1740.16000000*	*13.88960000*
RelInt Mean	0.00882175	0.02158070	28.34480000	0.00118943	0.02691990	1.00589000	-0.00128234
RelInt RSD	*2.32019724*	*1.60223718*	*0.83537368*	*21.22630167*	*1.42648375*	*0.73608446*	*6.73056288*
RelInt SD	*0.00020468*	*0.00034577*	*0.23678500*	*0.00025247*	*0.00038401*	*0.00740420*	*0.00008631*
Conc Mean	0.06876780[mg/l]	0.34951800[mg/l]	>110.45600000[mg/l]	1.51926000[mg/l]	4.39931000[mg/l]	0.64132500[mg/l]	<-0.00909770[mg/l]
Conc RSD	*2.36165764*	*1.63403315*	*0.83569476*	*18.50947172*	*1.52896704*	*0.73865825*	*6.04019697*
Conc SD	*0.00162406[mg/l]*	*0.00571124[mg/l]*	*0.92307500[mg/l]*	*0.28120700[mg/l]*	*0.06726400[mg/l]*	*0.00473720[mg/l]*	*0.00054952[mg/l]*

	Na_R 589.592	Ni 231.604	Pb 220.353	Sb 206.833	Se 196.090	Sn 189.991	Sr_R 407.771
Int Mean	21422.0000000	17416.4000000	15824.1000000	2387.30000000	2953.29000000	4768.58000000	10217.0000000
Int RSD	*1.72617403*	*0.47973806*	*0.32112980*	*0.43812257*	*0.68171429*	*1.42662386*	*2.31968288*
Int SD	*369.78100000*	*83.55310000*	*50.81590000*	*10.45930000*	*20.13300000*	*68.02970000*	*237.00200000*
RelInt Mean	0.06990450	0.04142230	0.03703900	0.00063768	0.00213405	0.00329972	0.03222620
RelInt RSD	*2.03187205*	*0.43651125*	*0.48372526*	*7.76829372*	*6.59033294*	*3.96248773*	*1.59330607*
RelInt SD	*0.00142037*	*0.00018081*	*0.00017917*	*0.00004954*	*0.00014064*	*0.00013075*	*0.00051346*
Conc Mean	5.83075000[mg/l]	0.51693900[mg/l]	1.42996000[mg/l]	0.01746960[mg/l]	0.10775600[mg/l]	0.05457530[mg/l]	0.01368110[mg/l]
Conc RSD	*2.07736569*	*0.43441876*	*0.48153165*	*12.55060219*	*6.89875274*	*4.01311582*	*2.84250535*
Conc SD	*0.12112600[mg/l]*	*0.00224568[mg/l]*	*0.00688571[mg/l]*	*0.00219254[mg/l]*	*0.00743382[mg/l]*	*0.00219017[mg/l]*	*0.00038889[mg/l]*

	Ti 334.941	Tl 190.864	V 292.464	Y 224.3_A	Y 371.0_A	Y_R 371.030	Zn 206.200
Int Mean	140446	2238.37000000	4573.48000000	362788	6439020	257575	580163
Int RSD	*9.17349017*	*1.09858960*	*1.01254406*	*0.57847007*	*0.48951393*	*1.10327089*	*1.20151923*
Int SD	*12883.8000000*	*24.59050000*	*46.30850000*	*2098.62000000*	*31519.9000000*	*2841.75000000*	*6970.77000000*
RelInt Mean	0.01929250	-0.00197442	0.00025894	---	---	---	1.60860000
RelInt RSD	*10.98976286*	*3.88748088*	*10.35621739*	---	---	---	*1.10779560*
RelInt SD	*0.00212020*	*0.00007676*	*0.00002682*	---	---	---	*0.01782000*
Conc Mean	0.16124700[mg/l]	<-0.06337070[mg/l]	<0.00549138[mg/l]	359327	6405760	255132	8.71602000[mg/l]
Conc RSD	*11.13670332*	*3.54094242*	*77.16147854*	---	---	---	*1.10883293*
Conc SD	*0.01795760[mg/l]*	*0.00224392[mg/l]*	*0.00423723[mg/l]*	*2059.73000000*	*31260.1000000*	*2816.56000000*	*0.09664610[mg/l]*

	Be_R 313.107	Li_R 670.780	Si 251.612	P 177.495	Cd 228.802	S 182.034	
Int Mean	234.49300000	3364.46000000	95070.2000000	490.51900000	2710.58000000	15303.7000000	
Int RSD	*13.04584785*	*1.90045951*	*2.90647332*	*7.14498317*	*0.22511455*	*0.44461274*	
Int SD	*30.59160000*	*63.94020000*	*2763.19000000*	*35.04750000*	*6.10191000*	*68.04220000*	
RelInt Mean	0.00007551	0.00058878	0.25566300	0.00126896	-0.00016975	0.03624930	
RelInt RSD	*76.67512035*	*27.03849832*	*2.60056794*	*6.72574392*	*53.21395960*	*1.12327962*	
RelInt SD	*0.00005790*	*0.00015920*	*0.00664869*	*0.00008535*	*0.00009033*	*0.00040718*	
Conc Mean	<0.00014579[mg/l]	<0.00633329[mg/l]	3.88789000[mg/l]	0.36517300[mg/l]	<-0.00229247[mg/l]	3.61527000[mg/l]	
Conc RSD	*62.07417620*	*39.36974306*	*2.60892155*	*6.76671057*	*14.82741323*	*1.13116863*	
Conc SD	*0.00009050[mg/l]*	*0.00249340[mg/l]*	*0.10143200[mg/l]*	*0.02471020[mg/l]*	*0.00033991[mg/l]*	*0.04089480[mg/l]*	

ENTHALPY SAMPLE USER REPORT FOR EPA 6010B

Inst:	MET06	Lab ID:	486134-022	Client ID:	AFRAME-C7E-MED-L3-UP-C7E-DG-230601-L-LA
Seqnum:	483220849204	Matrix:	Wipe	Acct:	RINCON-BERK (JG)
File:	met06_master011	Batch:	315308	Time:	02-JUN-2023 20:34
Cal:	483220849001	Caldate:	02-JUN-2023		
IDF:	1.0	Raw Units:	mg/l	Units:	ug/ft2

- 1.00 ft2 ⇨ 50.0 ml = 50.0 ml/ft2 PDF

Analyte	Ch	Raw	Result	RL	Blank	Flags
Lead	A	1.612	81	0.25		!<a+ u

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	SAMPLE Abund	%Drift
Yttrium	A	386874	363105	-6.14

!=warning +=high bias <=opening a=ICSA u=use

Method Name: Met06_Master011923 Method Autor: Operator

Sample Name: 486134-022,315308			Sample Type: Unknown Sample
Measure Date: 2023-06-02 20:34:29	Recalculation Date:	State: Measured	Quality:

	Ag 328.068	Al_R 396.152	As 189.042	B 249.677	Ba 230.424	Ca_R 317.933	Co 228.616
Int Mean	14171.7000000	5810.00000000	2524.75000000	3157.37000000	3529.19000000	85854.0000000	3052.29000000
Int RSD	*0.84836682*	*1.02273322*	*0.08947421*	*0.80453035*	*1.95889425*	*0.41961237*	*1.21369529*
Int SD	*120.22800000*	*59.42080000*	*2.25900000*	*25.40200000*	*69.13310000*	*360.25400000*	*37.04550000*
RelInt Mean	-0.00014202	0.01147490	-0.00138104	0.00192785	0.00282636	0.33430000	0.00221082
RelInt RSD	*7.04119196*	*2.78299593*	*7.01506111*	*2.78549680*	*4.99274685*	*0.44275501*	*2.36812133*
RelInt SD	*0.00001000*	*0.00031935*	*0.00009688*	*0.00005370*	*0.00014111*	*0.00148013*	*0.00005235*
Conc Mean	<-0.00816136[mg/l]	2.24147000[mg/l]	<-0.04968670[mg/l]	0.01297430[mg/l]	0.00775965[mg/l]	13.19940000[mg/l]	0.01359750[mg/l]
Conc RSD	*5.63091200*	*3.17144106*	*7.05245066*	*3.87882198*	*6.80147945*	*0.44460960*	*2.77995220*
Conc SD	*0.00045956[mg/l]*	*0.07108690[mg/l]*	*0.00350413[mg/l]*	*0.00050325[mg/l]*	*0.00052777[mg/l]*	*0.05868580[mg/l]*	*0.00037800[mg/l]*

	Cr 267.716	Cu 324.754	Fe 259.941	K_R 769.896	Mg_R 383.230	Mn 257.611	Mo 202.095
Int Mean	4723.90000000	188581	7348150	402.79600000	9712.22000000	262094	2122.18000000
Int RSD	*1.00987320*	*1.56569326*	*0.29028803*	*24.00423539*	*2.49640144*	*0.37687509*	*0.45068844*
Int SD	*47.70540000*	*2952.60000000*	*21330.8000000*	*96.68810000*	*242.45600000*	*987.76700000*	*9.56442000*
RelInt Mean	0.00666968	0.02737570	20.41450000	0.00123601	0.02672470	0.72014400	-0.00150546
RelInt RSD	*1.10518646*	*1.92392889*	*0.60899361*	*19.63835244*	*1.85834827*	*0.70481043*	*3.37931928*
RelInt SD	*0.00007371*	*0.00052669*	*0.12432300*	*0.00024273*	*0.00049664*	*0.00507565*	*0.00005087*
Conc Mean	0.05169220[mg/l]	0.44524600[mg/l]	79.55110000[mg/l]	1.57115000[mg/l]	4.36511000[mg/l]	0.45850500[mg/l]	<-0.01051830[mg/l]
Conc RSD	*1.13149179*	*1.95407258*	*0.60904375*	*17.20784139*	*1.99285700*	*0.70830634*	*3.07963264*
Conc SD	*0.00058489[mg/l]*	*0.00870043[mg/l]*	*0.48450100[mg/l]*	*0.27036100[mg/l]*	*0.08699040[mg/l]*	*0.00324762[mg/l]*	*0.00032393[mg/l]*

	Na_R 589.592	Ni 231.604	Pb 220.353	Sb 206.833	Se 196.090	Sn 189.991	Sr_R 407.771
Int Mean	22427.4000000	15911.3000000	17504.8000000	2615.29000000	3132.65000000	4705.94000000	11152.6000000
Int RSD	*1.20351445*	*0.94674854*	*0.95412116*	*1.51712047*	*0.19066030*	*0.29715848*	*1.02900669*
Int SD	*269.91700000*	*150.64000000*	*167.01700000*	*39.67710000*	*5.97272000*	*13.98410000*	*114.76100000*
RelInt Mean	0.07333250	0.03740130	0.04171090	0.00034731	0.00270823	0.00239026	0.03587210
RelInt RSD	*0.72030137*	*0.29244705*	*0.49913811*	*23.27932810*	*1.94990824*	*2.22307615*	*1.54680657*
RelInt SD	*0.00052821*	*0.00010938*	*0.00020819*	*0.00008085*	*0.00005281*	*0.00005314*	*0.00055487*
Conc Mean	6.12308000[mg/l]	0.46700800[mg/l]	1.61177000[mg/l]	<0.00466192[mg/l]	0.13810600[mg/l]	0.03934100[mg/l]	0.01644220[mg/l]
Conc RSD	*0.73572124*	*0.29090508*	*0.49977292*	*77.02298624*	*2.02108525*	*2.26262932*	*2.55572855*
Conc SD	*0.04504880[mg/l]*	*0.00135855[mg/l]*	*0.00805519[mg/l]*	*0.00359075[mg/l]*	*0.00279124[mg/l]*	*0.00089014[mg/l]*	*0.00042022[mg/l]*

	Ti 334.941	Tl 190.864	V 292.464	Y 224.3_A	Y 371.0_A	Y_R 371.030	Zn 206.200
Int Mean	133135	2303.32000000	4289.66000000	363105	6385530	258357	3201330
Int RSD	*4.21018515*	*0.60907299*	*2.11304392*	*0.82991972*	*0.32038374*	*0.45165411*	*0.58596583*
Int SD	*5605.23000000*	*14.02890000*	*90.64240000*	*3013.48000000*	*20458.2000000*	*1166.88000000*	*18758.7000000*
RelInt Mean	0.01831890	-0.00214646	0.00025757	---	---	---	8.88995000
RelInt RSD	*4.42442505*	*0.54989611*	*3.31508551*	---	---	---	*0.53195687*
RelInt SD	*0.00081051*	*0.00001180*	*0.00000854*	---	---	---	*0.04729070*
Conc Mean	0.15300100[mg/l]	<-0.06839340[mg/l]	0.00527422[mg/l]	359761	6352900	255779	>48.20410000[mg/l]
Conc RSD	*4.48677460*	*0.52406373*	*25.58065458*	---	---	---	*0.53218710*
Conc SD	*0.00686481[mg/l]*	*0.00035843[mg/l]*	*0.00134918[mg/l]*	*2984.40000000*	*20351.0000000*	*1074.15000000*	*0.25653600[mg/l]*

	Be_R 313.107	Li_R 670.780	Si 251.612	P 177.495	Cd 228.802	S 182.034	
Int Mean	204.40500000	3329.69000000	99373.7000000	497.91300000	2626.23000000	15836.1000000	
Int RSD	*30.38541132*	*3.29153765*	*1.40436554*	*3.57554432*	*0.25200649*	*1.06583060*	
Int SD	*62.10930000*	*109.59800000*	*1395.57000000*	*17.80310000*	*6.61827000*	*168.78600000*	
RelInt Mean	-0.00020392	0.00013294	0.26769400	0.00126685	0.00009974	0.03733070	
RelInt RSD	*181.28981321*	*101.79706482*	*2.08647934*	*2.31602794*	*36.34334800*	*1.88328909*	
RelInt SD	*0.00036969*	*0.00013533*	*0.00558538*	*0.00002934*	*0.00003625*	*0.00070305*	
Conc Mean	<-0.00029098[mg/l]	<-0.00080628[mg/l]	4.07146000[mg/l]	0.36456000[mg/l]	<-0.00120148[mg/l]	3.72388000[mg/l]	
Conc RSD	*198.58649593*	*262.88164329*	*2.09262525*	*2.33037634*	*10.92685688*	*1.89612716*	
Conc SD	*0.00057785[mg/l]*	*0.00211957[mg/l]*	*0.08520040[mg/l]*	*0.00849562[mg/l]*	*0.00013128[mg/l]*	*0.07060950[mg/l]*	

ENTHALPY SAMPLE USER REPORT FOR EPA 6010B

Inst:	MET06	Lab ID:	486134-024	Client ID:	AFRAME-C7E-LAT-L3-UP-C7.3-DG-230601-L-LA
Seqnum:	483220849205	Matrix:	Wipe	Acct:	RINCON-BERK (JG)
File:	met06_master011	Batch:	315308	Time:	02-JUN-2023 20:37
Cal:	483220849001	Caldate:	02-JUN-2023		
IDF:	1.0	Raw Units:	mg/l	Units:	ug/ft2

- 1.00 ft2 ⇨ 50.0 ml = 50.0 ml/ft2 PDF

Analyte	Ch	Raw	Result	RL	Blank	Flags
Lead	A	2.817	140	0.25		!<a+ u

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	SAMPLE Abund	%Drift
Yttrium	A	386874	365084	-5.63

!=warning +=high bias <=opening a=ICSA u=use

Method Name: Met06_Master011923 Method Autor: Operator

Sample Name: 486134-024,315308			Sample Type: Unknown Sample
Measure Date: 2023-06-02 20:37:44	Recalculation Date:	State: Measured	Quality:

	Ag 328.068	Al_R 396.152	As 189.042	B 249.677	Ba 230.424	Ca_R 317.933	Co 228.616
Int Mean	14484.2000000	5462.36000000	2399.23000000	3127.73000000	3901.60000000	68639.7000000	2942.51000000
Int RSD	*2.02466136*	*1.16351723*	*0.68949621*	*0.53478401*	*1.33367080*	*0.98407336*	*1.63700038*
Int SD	*293.25600000*	*63.55550000*	*16.54260000*	*16.72660000*	*52.03450000*	*675.46500000*	*48.16890000*
RelInt Mean	-0.00008984	0.01054780	-0.00103892	0.00191665	0.00401728	0.26473700	0.00201084
RelInt RSD	*50.54180919*	*2.36285292*	*2.68130366*	*4.77161193*	*3.41390194*	*1.02278865*	*4.74275427*
RelInt SD	*0.00004541*	*0.00024923*	*0.00002786*	*0.00009146*	*0.00013715*	*0.00270770*	*0.00009537*
Conc Mean	<-0.00576324[mg/l]	2.03509000[mg/l]	<-0.03729840[mg/l]	0.01286940[mg/l]	0.01219740[mg/l]	10.44050000[mg/l]	0.01217150[mg/l]
Conc RSD	*36.20862570*	*2.72590893*	*2.70403020*	*6.65955678*	*4.20197747*	*1.02822662*	*5.64717578*
Conc SD	*0.00208679[mg/l]*	*0.05547470[mg/l]*	*0.00100856[mg/l]*	*0.00085704[mg/l]*	*0.00051253[mg/l]*	*0.10735200[mg/l]*	*0.00068735[mg/l]*

	Cr 267.716	Cu 324.754	Fe 259.941	K_R 769.896	Mg_R 383.230	Mn 257.611	Mo 202.095
Int Mean	3913.26000000	191148	7082890	408.95700000	9552.72000000	278868	1949.54000000
Int RSD	*1.69762040*	*2.01387407*	*0.31403989*	*22.14386843*	*1.72772781*	*1.37131188*	*0.43730367*
Int SD	*66.43230000*	*3849.48000000*	*22243.1000000*	*90.55890000*	*165.04500000*	*3824.15000000*	*8.52541000*
RelInt Mean	0.00443702	0.02751600	19.56940000	0.00092030	0.02608200	0.76269600	-0.00116355
RelInt RSD	*3.29592835*	*1.89724887*	*0.78315125*	*26.74632892*	*0.97568821*	*1.81944051*	*4.59392377*
RelInt SD	*0.00014624*	*0.00052205*	*0.15325800*	*0.00024615*	*0.00025448*	*0.01387680*	*0.00005345*
Conc Mean	0.03397730[mg/l]	0.44756400[mg/l]	76.25780000[mg/l]	1.21951000[mg/l]	4.25255000[mg/l]	0.48572900[mg/l]	<-0.00834136[mg/l]
Conc RSD	*3.41498589*	*1.92689090*	*0.78302810*	*22.48099647*	*1.04831454*	*1.82778669*	*4.08018596*
Conc SD	*0.00116032[mg/l]*	*0.00862407[mg/l]*	*0.59712000[mg/l]*	*0.27415800[mg/l]*	*0.04458010[mg/l]*	*0.00887809[mg/l]*	*0.00034034[mg/l]*

	Na_R 589.592	Ni 231.604	Pb 220.353	Sb 206.833	Se 196.090	Sn 189.991	Sr_R 407.771
Int Mean	20819.2000000	6497.98000000	28860.6000000	2195.11000000	2848.10000000	4560.41000000	9839.75000000
Int RSD	*0.78911774*	*0.69454661*	*0.24369452*	*1.10317478*	*0.44798638*	*0.43610333*	*0.59599380*
Int SD	*164.28800000*	*45.13150000*	*70.33170000*	*24.21590000*	*12.75910000*	*19.88810000*	*58.64430000*
RelInt Mean	0.06673220	0.01136940	0.07291590	0.00038986	0.00229575	0.00288764	0.03062260
RelInt RSD	*1.31698041*	*1.00508382*	*0.86052973*	*16.33188837*	*3.21065011*	*1.29022316*	*0.63913907*
RelInt SD	*0.00087885*	*0.00011427*	*0.00062746*	*0.00006367*	*0.00007371*	*0.00003726*	*0.00019572*
Conc Mean	5.56023000[mg/l]	0.14375100[mg/l]	2.81667000[mg/l]	0.00665723[mg/l]	0.11630300[mg/l]	0.04767260[mg/l]	0.01246670[mg/l]
Conc RSD	*1.34790647*	*0.98748530*	*0.85900372*	*42.53195398*	*3.34970723*	*1.30905803*	*1.18879896*
Conc SD	*0.07494670[mg/l]*	*0.00141952[mg/l]*	*0.02419530[mg/l]*	*0.00283145[mg/l]*	*0.00389581[mg/l]*	*0.00062406[mg/l]*	*0.00014820[mg/l]*

	Ti 334.941	Tl 190.864	V 292.464	Y 224.3_A	Y 371.0_A	Y_R 371.030	Zn 206.200
Int Mean	139413	2192.54000000	4354.15000000	365084	6434680	260652	366131
Int RSD	*5.46856462*	*0.26939942*	*2.07013998*	*0.67455983*	*0.30992839*	*0.18718867*	*0.90447408*
Int SD	*7623.89000000*	*5.90669000*	*90.13700000*	*2462.71000000*	*19942.9000000*	*487.91100000*	*3311.56000000*
RelInt Mean	0.01915360	-0.00181962	0.00025452	---	---	---	1.00654000
RelInt RSD	*6.55693969*	*3.98402414*	*3.00405471*	---	---	---	*1.56278936*
RelInt SD	*0.00125589*	*0.00007249*	*0.00000765*	---	---	---	*0.01573010*
Conc Mean	0.16007100[mg/l]	<-0.05882770[mg/l]	0.00479211[mg/l]	361745	6401560	258145	5.45095000[mg/l]
Conc RSD	*6.64517620*	*3.57544150*	*25.20872851*	---	---	---	*1.56507581*
Conc SD	*0.01063700[mg/l]*	*0.00210335[mg/l]*	*0.00120803[mg/l]*	*2455.87000000*	*19317.3000000*	*486.84000000*	*0.08531150[mg/l]*

	Be_R 313.107	Li_R 670.780	Si 251.612	P 177.495	Cd 228.802	S 182.034	
Int Mean	178.25100000	3232.18000000	96010.2000000	458.62100000	2590.26000000	14696.0000000	
Int RSD	*18.99282472*	*0.26519903*	*1.33332708*	*0.45804924*	*1.04972088*	*0.68635683*	
Int SD	*33.85490000*	*8.57171000*	*1280.13000000*	*2.10071000*	*27.19050000*	*100.86700000*	
RelInt Mean	-0.00006396	0.00007157	0.25746600	0.00116623	0.00013048	0.03449280	
RelInt RSD	*217.13911381*	*99.92958160*	*1.34536211*	*1.42158065*	*5.32751393*	*0.05095498*	
RelInt SD	*0.00013889*	*0.00007152*	*0.00346385*	*0.00001658*	*0.00000695*	*0.00001758*	
Conc Mean	<-0.00007221[mg/l]	<-0.00176743[mg/l]	3.91537000[mg/l]	0.33542900[mg/l]	<-0.00112663[mg/l]	3.43886000[mg/l]	
Conc RSD	*300.61775324*	*63.38072795*	*1.34933608*	*1.43117023*	*2.43549346*	*0.05125914*	
Conc SD	*0.00021709[mg/l]*	*0.00112021[mg/l]*	*0.05283150[mg/l]*	*0.00480056[mg/l]*	*0.00002744[mg/l]*	*0.00176273[mg/l]*	

ENTHALPY BLANK USER REPORT FOR 486134 METALS Wipe

EPA 6010B

Inst:	MET06	Lab ID:	QC1070382		
Seqnum:	483220849187.1	Matrix:	Wipe		
File:	met06_master011	Batch:	315308	Time:	02-JUN-2023 19:39
Cal:	483220849001	Caldate:	02-JUN-2023		
IDF:	1.0	Raw Units:	mg/l	Units:	ug/ft2

- 1.00 ft2 ⇨ 50.0 ml = 50.0 ml/ft2 PDF

Analyte	Ch	Raw	Result	RL	Flags
Lead	A	-0.002125	ND	0.25	u

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	BLANK Abund	%Drift
Yttrium	A	386874	404697	4.61

u=use

Method Name: Met06_Master011923 Method Autor: Operator

Sample Name: BLANK,QC1070382,315308			Sample Type: Unknown Sample
Measure Date: 2023-06-02 19:39:08	Recalculation Date:	State: Measured	Quality:

	Ag 328.068	Al_R 396.152	As 189.042	B 249.677	Ba 230.424	Ca_R 317.933	Co 228.616
Int Mean	15230.7000000	2395.71000000	1036.35000000	2332.76000000	2377.36000000	718.41700000	2055.12000000
Int RSD	*1.50431694*	*3.80772715*	*0.37342597*	*0.89187057*	*0.33784366*	*6.03277762*	*0.93286037*
Int SD	*229.11800000*	*91.22210000*	*3.87000000*	*20.80520000*	*8.03176000*	*43.34050000*	*19.17140000*
RelInt Mean	0.00002353	0.00108392	-0.00024335	0.00098189	0.00054328	0.00190605	0.00012814
RelInt RSD	*22.53181289*	*18.88967821*	*6.09766221*	*5.49781341*	*7.92695071*	*16.80260224*	*20.77967583*
RelInt SD	*0.00000530*	*0.00020475*	*0.00001484*	*0.00005398*	*0.00004307*	*0.00032027*	*0.00002663*
Conc Mean	<-0.00055308[mg/l]	<-0.07169870[mg/l]	<-0.00849899[mg/l]	0.00411006[mg/l]	<-0.00080435[mg/l]	<0.01641110[mg/l]	<-0.00086719[mg/l]
Conc RSD	*44.05243412*	*63.57074814*	*6.31589165*	*12.30731425*	*19.88982422*	*77.39822437*	*21.82892080*
Conc SD	*0.00024364[mg/l]*	*0.04557940[mg/l]*	*0.00053679[mg/l]*	*0.00050584[mg/l]*	*0.00015998[mg/l]*	*0.01270190[mg/l]*	*0.00018930[mg/l]*

	Cr 267.716	Cu 324.754	Fe 259.941	K_R 769.896	Mg_R 383.230	Mn 257.611	Mo 202.095
Int Mean	2051.62000000	16981.8000000	3661.01000000	99.60510000	3167.35000000	3674.96000000	1501.73000000
Int RSD	*1.49928349*	*0.51034402*	*1.60752361*	*133.73110413*	*2.50461111*	*1.00724090*	*1.58559128*
Int SD	*30.75960000*	*86.66560000*	*58.85160000*	*133.20300000*	*79.32980000*	*37.01570000*	*23.81130000*
RelInt Mean	0.00043105	0.00041480	0.00351359	-0.00019651	0.00125597	0.00375980	0.00026630
RelInt RSD	*14.57071404*	*5.03236492*	*4.63776365*	*105.84209053*	*10.69078083*	*2.67758923*	*15.37141763*
RelInt SD	*0.00006281*	*0.00002087*	*0.00016295*	*0.00020798*	*0.00013427*	*0.00010067*	*0.00004093*
Conc Mean	0.00219197[mg/l]	<-0.00012202[mg/l]	0.00860158[mg/l]	<-0.02441400[mg/l]	<-0.09588840[mg/l]	0.00016714[mg/l]	<0.00076241[mg/l]
Conc RSD	*22.73489144*	*282.60459780*	*7.38273666*	*948.86950111*	*24.52705437*	*38.53611109*	*34.18515307*
Conc SD	*0.00049834[mg/l]*	*0.00034482[mg/l]*	*0.00063503[mg/l]*	*0.23165700[mg/l]*	*0.02351860[mg/l]*	*0.00006441[mg/l]*	*0.00026063[mg/l]*

	Na_R 589.592	Ni 231.604	Pb 220.353	Sb 206.833	Se 196.090	Sn 189.991	Sr_R 407.771
Int Mean	4614.19000000	2100.37000000	2153.80000000	1608.83000000	1082.80000000	1241.75000000	4535.92000000
Int RSD	*1.96606988*	*1.61735313*	*1.83466431*	*1.83919992*	*2.14926117*	*2.71267163*	*3.24337731*
Int SD	*90.71820000*	*33.97040000*	*39.51500000*	*29.58960000*	*23.27220000*	*33.68460000*	*147.11700000*
RelInt Mean	0.00338090	0.00001124	-0.00019401	0.00041644	0.00013151	0.00055215	0.00962244
RelInt RSD	*4.11068059*	*549.72562413*	*40.76814440*	*11.77582526*	*35.73445877*	*12.02855766*	*5.90976925*
RelInt SD	*0.00013898*	*0.00006181*	*0.00007910*	*0.00004904*	*0.00004699*	*0.00006642*	*0.00056866*
Conc Mean	0.15781500[mg/l]	<0.00270740[mg/l]	<-0.00212454[mg/l]	0.00802540[mg/l]	<0.00190668[mg/l]	0.00855096[mg/l]	<-0.00343690[mg/l]
Conc RSD	*7.50986915*	*28.34956046*	*143.77935930*	*27.12761981*	*130.27356452*	*13.01035205*	*12.52966336*
Conc SD	*0.01185170[mg/l]*	*0.00076754[mg/l]*	*0.00305465[mg/l]*	*0.00217710[mg/l]*	*0.00248390[mg/l]*	*0.00111251[mg/l]*	*0.00043063[mg/l]*

	Ti 334.941	Tl 190.864	V 292.464	Y 224.3_A	Y 371.0_A	Y_R 371.030	Zn 206.200
Int Mean	20920.3000000	1158.82000000	4047.07000000	404697	6896270	267442	1828.96000000
Int RSD	*1.32242845*	*1.66237207*	*1.87152681*	*0.42285957*	*0.72216285*	*0.97148915*	*1.99946418*
Int SD	*276.65600000*	*19.26390000*	*75.74200000*	*1711.30000000*	*49802.3000000*	*2598.17000000*	*36.56940000*
RelInt Mean	0.00054056	-0.00015738	0.00021226	---	---	---	0.00099385
RelInt RSD	*13.85365177*	*11.64350572*	*5.41102699*	---	---	---	*6.73580849*
RelInt SD	*0.00007489*	*0.00001832*	*0.00001149*	---	---	---	*0.00006694*
Conc Mean	0.00242297[mg/l]	<-0.00968373[mg/l]	<-0.00188815[mg/l]	401697	6862780	264860	<-0.00231283[mg/l]
Conc RSD	*26.17750117*	*5.54646815*	*96.10677118*	---	---	---	*15.68671282*
Conc SD	*0.00063427[mg/l]*	*0.00053711[mg/l]*	*0.00181464[mg/l]*	*1680.82000000*	*49508.3000000*	*2635.93000000*	*0.00036281[mg/l]*

	Be_R 313.107	Li_R 670.780	Si 251.612	P 177.495	Cd 228.802	S 182.034	
Int Mean	238.19000000	3445.01000000	2790.57000000	15.35330000	2265.62000000	1047.74000000	
Int RSD	*14.41034468*	*1.31742724*	*0.24380109*	*53.11691949*	*0.63584361*	*2.16441102*	
Int SD	*34.32400000*	*45.38550000*	*6.80344000*	*8.15520000*	*14.40580000*	*22.67740000*	
RelInt Mean	-0.00014094	-0.00004052	0.00170748	0.00001011	0.00053726	0.00032962	
RelInt RSD	*32.55463163*	*593.31369094*	*3.27075573*	*217.83413649*	*11.54158562*	*20.18275812*	
RelInt SD	*0.00004588*	*0.00024044*	*0.00005585*	*0.00002201*	*0.00006201*	*0.00006653*	
Conc Mean	<-0.00019254[mg/l]	<-0.00352314[mg/l]	0.01356050[mg/l]	<0.00070616[mg/l]	<0.00035549[mg/l]	<0.00781121[mg/l]	
Conc RSD	*37.24851072*	*106.88874129*	*6.26704030*	*902.57023904*	*67.53523306*	*85.53463548*	
Conc SD	*0.00007172[mg/l]*	*0.00376584[mg/l]*	*0.00084984[mg/l]*	*0.00637359[mg/l]*	*0.00024008[mg/l]*	*0.00668129[mg/l]*	

ENTHALPY SPIKE USER REPORT FOR 486134 METALS Wipe

EPA 6010B

Type:	BS	Type:	BSD
Inst:	MET06	Inst:	MET06
Seqnum:	483220849188.1	Seqnum:	483220849191.1
File:	met06_master011	File:	met06_master011
IDF:	1.0	IDF:	1.0
Lab ID:	QC1070383	Lab ID:	QC1070384
Matrix:	Wipe	Matrix:	Wipe
Batch:	315308	Batch:	315308
Time:	02-JUN-2023 19:42	Time:	02-JUN-2023 19:52
Cal:	483220849001	Cal:	483220849001
Units:	ug/ft2		

- BS: 1.00 ft2 ⇨ 50.0 ml = 50.0 ml/ft2 PDF
- BSD: 1.00 ft2 ⇨ 50.0 ml = 50.0 ml/ft2 PDF

Analyte	Spiked	BS Raw	BS Result	Ch	%Rec	BSD Raw	BSD Result	Ch	%Rec	Limits	RPD	Lim	Flags
Lead	50.00	1.005	50.26	A	101	0.9994	49.97	A	100	80-120	1	20	!<a+ u

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	BS Abund	%Drift
Yttrium	A	386874	406348	5.03

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	BSD Abund	%Drift
Yttrium	A	386874	400583	3.54

!=warning +=high bias <=opening a=ICSA u=use

Method Name: Met06_Master011923 Method Autor: Operator

Sample Name: BS,QC1070383,315308			Sample Type: Unknown Sample
Measure Date: 2023-06-02 19:42:24	Recalculation Date:	State: Measured	Quality:

	Ag 328.068	Al_R 396.152	As 189.042	B 249.677	Ba 230.424	Ca_R 317.933	Co 228.616
Int Mean	80637.9000000	3847.45000000	10982.1000000	36535.2000000	111116	7949.75000000	62607.2000000
Int RSD	*2.95874521*	*2.34556654*	*1.65230694*	*0.95193129*	*0.29829727*	*2.13025567*	*0.88542053*
Int SD	*2385.87000000*	*90.24450000*	*181.45800000*	*347.79000000*	*331.45600000*	*169.35000000*	*554.33700000*
RelInt Mean	0.00943138	0.00587083	0.02418130	0.08554750	0.26966500	0.02907600	0.14949800
RelInt RSD	*3.58561525*	*5.71796492*	*1.42519219*	*0.55548204*	*0.15158771*	*0.80939263*	*0.60586964*
RelInt SD	*0.00033817*	*0.00033569*	*0.00034463*	*0.00047520*	*0.00040878*	*0.00023534*	*0.00090576*
Conc Mean	0.43182000[mg/l]	0.99392800[mg/l]	0.87392200[mg/l]	0.79655200[mg/l]	1.00014000[mg/l]	1.09399000[mg/l]	1.05335000[mg/l]
Conc RSD	*3.59911537*	*7.51852247*	*1.42561922*	*0.55902691*	*0.15187174*	*0.85294107*	*0.60666825*
Conc SD	*0.01554170[mg/l]*	*0.07472870[mg/l]*	*0.01245880[mg/l]*	*0.00445294[mg/l]*	*0.00151893[mg/l]*	*0.00933109[mg/l]*	*0.00639034[mg/l]*

	Cr 267.716	Cu 324.754	Fe 259.941	K_R 769.896	Mg_R 383.230	Mn 257.611	Mo 202.095
Int Mean	53011.6000000	412742	111815	1955.26000000	4946.11000000	664369	65237.4000000
Int RSD	*0.98561824*	*2.07443149*	*0.68720834*	*3.55842190*	*1.75771263*	*0.65987877*	*0.31543409*
Int SD	*522.49200000*	*8562.05000000*	*768.40200000*	*69.57640000*	*86.93840000*	*4384.03000000*	*205.78100000*
RelInt Mean	0.12602800	0.05776150	0.27128200	0.00687843	0.00758844	1.64153000	0.15795100
RelInt RSD	*0.65308106*	*2.31155701*	*0.26950664*	*4.14027620*	*5.72487889*	*0.27509458*	*0.28724858*
RelInt SD	*0.00082307*	*0.00133519*	*0.00073112*	*0.00028479*	*0.00043443*	*0.00451576*	*0.00045371*
Conc Mean	0.99874300[mg/l]	0.94718900[mg/l]	1.05211000[mg/l]	7.85579000[mg/l]	1.01328000[mg/l]	1.04800000[mg/l]	1.00473000[mg/l]
Conc RSD	*0.65406216*	*2.32861657*	*0.27088042*	*4.03781160*	*7.50966169*	*0.27594847*	*0.28757676*
Conc SD	*0.00653240[mg/l]*	*0.02205640[mg/l]*	*0.00284996[mg/l]*	*0.31720200[mg/l]*	*0.07609390[mg/l]*	*0.00289194[mg/l]*	*0.00288937[mg/l]*

	Na_R 589.592	Ni 231.604	Pb 220.353	Sb 206.833	Se 196.090	Sn 189.991	Sr_R 407.771
Int Mean	8050.48000000	35314.8000000	12891.4000000	9907.05000000	7036.93000000	1353.34000000	371307
Int RSD	*0.76588849*	*0.66318654*	*0.44548304*	*1.03539399*	*0.61975464*	*1.62169891*	*0.89626913*
Int SD	*61.65770000*	*234.20300000*	*57.42900000*	*102.57700000*	*43.61170000*	*21.94710000*	*3327.91000000*
RelInt Mean	0.01608950	0.08163190	0.02589910	0.02064470	0.01464510	0.00057433	1.40013000
RelInt RSD	*1.36070729*	*0.95168800*	*1.20347811*	*1.04160390*	*0.51320169*	*13.52343343*	*2.02113375*
RelInt SD	*0.00021893*	*0.00077688*	*0.00031169*	*0.00021504*	*0.00007516*	*0.00007767*	*0.02829850*
Conc Mean	1.24157000[mg/l]	1.01625000[mg/l]	1.00512000[mg/l]	0.90139500[mg/l]	0.76905800[mg/l]	0.00892254[mg/l]	1.04961000[mg/l]
Conc RSD	*1.50384594*	*0.94945633*	*1.19700135*	*1.05675869*	*0.51662423*	*14.58161017*	*2.04203466*
Conc SD	*0.01867130[mg/l]*	*0.00964885[mg/l]*	*0.01203130[mg/l]*	*0.00952557[mg/l]*	*0.00397314[mg/l]*	*0.00130105[mg/l]*	*0.02143340[mg/l]*

	Ti 334.941	Tl 190.864	V 292.464	Y 224.3_A	Y 371.0_A	Y_R 371.030	Zn 206.200
Int Mean	841203	15329.6000000	48727.1000000	406348	6870580	266160	79588.8000000
Int RSD	*1.73237613*	*0.51389860*	*2.27167223*	*0.42452036*	*0.29265215*	*1.38148858*	*1.26055425*
Int SD	*14572.8000000*	*78.77860000*	*1106.92000000*	*1725.03000000*	*20106.9000000*	*3676.97000000*	*1003.26000000*
RelInt Mean	0.11985800	0.03456990	0.00670345	---	---	---	0.19326100
RelInt RSD	*1.95446278*	*0.22938828*	*2.70838151*	---	---	---	*0.91528037*
RelInt SD	*0.00234258*	*0.00007930*	*0.00018155*	---	---	---	*0.00176888*
Conc Mean	1.01301000[mg/l]	1.00399000[mg/l]	1.02332000[mg/l]	403147	6837160	263574	1.03989000[mg/l]
Conc RSD	*1.95878619*	*0.23077122*	*2.80343392*	---	---	---	*0.92223601*
Conc SD	*0.01984270[mg/l]*	*0.00231692[mg/l]*	*0.02868810[mg/l]*	*1713.76000000*	*19888.5000000*	*3663.38000000*	*0.00959024[mg/l]*

	Be_R 313.107	Li_R 670.780	Si 251.612	P 177.495	Cd 228.802	S 182.034	
Int Mean	162131	21490.7000000	112483	19.55170000	92925.3000000	1135.22000000	
Int RSD	*0.96753860*	*0.58713769*	*0.76484713*	*70.02102119*	*0.81017333*	*1.98016244*	
Int SD	*1568.68000000*	*126.18000000*	*860.32300000*	*13.69030000*	*752.85600000*	*22.47920000*	
RelInt Mean	0.61331300	0.06709530	0.27232600	0.00002168	0.22412200	0.00038532	
RelInt RSD	*0.45035243*	*1.74967546*	*0.39641092*	*94.30316394*	*0.38206736*	*4.96950571*	
RelInt SD	*0.00276207*	*0.00117395*	*0.00107953*	*0.00002044*	*0.00085630*	*0.00001915*	
Conc Mean	0.95867400[mg/l]	1.04799000[mg/l]	4.11927000[mg/l]	<0.00405675[mg/l]	0.86936800[mg/l]	<0.01340550[mg/l]	
Conc RSD	*0.45035121*	*1.75464461*	*0.40080888*	*145.90300117*	*0.37976553*	*14.34560442*	
Conc SD	*0.00431740[mg/l]*	*0.01838850[mg/l]*	*0.01651040[mg/l]*	*0.00591892[mg/l]*	*0.00330156[mg/l]*	*0.00192310[mg/l]*	

Method Name: Met06_Master011923 Method Autor: Operator

Sample Name: BSD,QC1070384,315308			Sample Type: Unknown Sample
Measure Date: 2023-06-02 19:52:09	Recalculation Date:	State: Measured	Quality:

	Ag 328.068	Al_R 396.152	As 189.042	B 249.677	Ba 230.424	Ca_R 317.933	Co 228.616
Int Mean	80404.0000000	3947.06000000	10877.1000000	36426.5000000	110129	7909.50000000	61507.4000000
Int RSD	*2.99982588*	*4.11412545*	*0.77917552*	*0.40472733*	*0.33535399*	*2.21958404*	*0.20429899*
Int SD	*2411.98000000*	*162.38700000*	*84.75170000*	*147.42800000*	*369.32200000*	*175.55800000*	*125.65900000*
RelInt Mean	0.00955383	0.00609821	0.02424340	0.08650560	0.27107700	0.02929840	0.14888000
RelInt RSD	*4.22272534*	*5.97235910*	*1.17962827*	*0.45509539*	*0.11291995*	*0.67175682*	*0.29743216*
RelInt SD	*0.00040343*	*0.00036421*	*0.00028598*	*0.00039368*	*0.00030610*	*0.00019681*	*0.00044282*
Conc Mean	0.43744700[mg/l]	1.04455000[mg/l]	0.87617200[mg/l]	0.80553000[mg/l]	1.00543000[mg/l]	1.10281000[mg/l]	1.04897000[mg/l]
Conc RSD	*4.23847918*	*7.76198363*	*1.18014499*	*0.45799287*	*0.11380703*	*0.70767675*	*0.30237757*
Conc SD	*0.01854110[mg/l]*	*0.08107780[mg/l]*	*0.01034010[mg/l]*	*0.00368927[mg/l]*	*0.00114425[mg/l]*	*0.00780433[mg/l]*	*0.00317185[mg/l]*

	Cr 267.716	Cu 324.754	Fe 259.941	K_R 769.896	Mg_R 383.230	Mn 257.611	Mo 202.095
Int Mean	52130.1000000	408957	110190	2066.48000000	5036.80000000	654436	63970.5000000
Int RSD	*0.44421937*	*2.14045731*	*0.71440149*	*4.19377879*	*2.71620870*	*0.68404244*	*0.53529049*
Int SD	*231.57200000*	*8753.55000000*	*787.19900000*	*86.66360000*	*136.81000000*	*4476.62000000*	*342.42800000*
RelInt Mean	0.12562800	0.05838410	0.27113100	0.00725250	0.00749742	1.64012000	0.15706300
RelInt RSD	*0.67787436*	*2.75736031*	*0.30448012*	*5.14200620*	*2.16487805*	*0.34885740*	*0.18012326*
RelInt SD	*0.00085160*	*0.00160986*	*0.00082554*	*0.00037292*	*0.00016231*	*0.00572168*	*0.00028291*
Conc Mean	0.99556200[mg/l]	0.95747400[mg/l]	1.05152000[mg/l]	8.27244000[mg/l]	0.99734200[mg/l]	1.04710000[mg/l]	0.99906900[mg/l]
Conc RSD	*0.67880554*	*2.77747490*	*0.30614824*	*5.02119085*	*2.85070718*	*0.34940120*	*0.17994653*
Conc SD	*0.00675793[mg/l]*	*0.02659360[mg/l]*	*0.00321921[mg/l]*	*0.41537500[mg/l]*	*0.02843130[mg/l]*	*0.00365858[mg/l]*	*0.00179779[mg/l]*

	Na_R 589.592	Ni 231.604	Pb 220.353	Sb 206.833	Se 196.090	Sn 189.991	Sr_R 407.771
Int Mean	7951.79000000	34608.8000000	12679.1000000	9745.48000000	6958.52000000	1350.12000000	371991
Int RSD	*0.34010204*	*0.28706918*	*0.70609980*	*0.97927142*	*0.85079442*	*1.67137736*	*1.92806815*
Int SD	*27.04420000*	*99.35120000*	*89.52710000*	*95.43470000*	*59.20270000*	*22.56560000*	*7172.24000000*
RelInt Mean	0.01564520	0.08103200	0.02575020	0.02054410	0.01469970	0.00060114	1.41509000
RelInt RSD	*1.87163475*	*0.57768783*	*0.51799986*	*0.51010752*	*0.37018647*	*3.35597376*	*0.43341342*
RelInt SD	*0.00029282*	*0.00046811*	*0.00013339*	*0.00010480*	*0.00005442*	*0.00002017*	*0.00613319*
Conc Mean	1.20368000[mg/l]	1.00880000[mg/l]	0.99936300[mg/l]	0.89694300[mg/l]	0.77194200[mg/l]	0.00937160[mg/l]	1.06093000[mg/l]
Conc RSD	*2.07435531*	*0.57644330*	*0.51509512*	*0.52196851*	*0.37227279*	*3.60600111*	*0.43785452*
Conc SD	*0.02496860[mg/l]*	*0.00581516[mg/l]*	*0.00514767[mg/l]*	*0.00468176[mg/l]*	*0.00287373[mg/l]*	*0.00033794[mg/l]*	*0.00464533[mg/l]*

	Ti 334.941	Tl 190.864	V 292.464	Y 224.3_A	Y 371.0_A	Y_R 371.030	Zn 206.200
Int Mean	828570	15214.7000000	48304.2000000	400583	6726940	263873	79731.0000000
Int RSD	*1.86097735*	*0.32522429*	*2.23583042*	*0.44598997*	*1.14270679*	*1.55169343*	*1.16719218*
Int SD	*15419.5000000*	*49.48190000*	*1080.00000000*	*1786.56000000*	*76869.2000000*	*4094.50000000*	*930.61400000*
RelInt Mean	0.12051500	0.03483070	0.00677976	---	---	---	0.19639800
RelInt RSD	*2.44242625*	*0.49666817*	*3.12887182*	---	---	---	*0.72806750*
RelInt SD	*0.00294349*	*0.00017299*	*0.00021213*	---	---	---	*0.00142991*
Conc Mean	1.01858000[mg/l]	1.01163000[mg/l]	1.03538000[mg/l]	397430	6693500	261189	1.05690000[mg/l]
Conc RSD	*2.44762316*	*0.50304756*	*3.23719794*	---	---	---	*0.73362854*
Conc SD	*0.02493100[mg/l]*	*0.00508898[mg/l]*	*0.03351730[mg/l]*	*1801.07000000*	*76818.5000000*	*4042.22000000*	*0.00775372[mg/l]*

	Be_R 313.107	Li_R 670.780	Si 251.612	P 177.495	Cd 228.802	S 182.034	
Int Mean	160961	21588.6000000	111781	21.04070000	91708.5000000	1142.79000000	
Int RSD	*1.38606246*	*1.88734795*	*0.49181435*	*77.08013517*	*0.53143711*	*0.40824998*	
Int SD	*2231.02000000*	*407.45200000*	*549.75500000*	*16.21820000*	*487.37300000*	*4.66544000*	
RelInt Mean	0.61455400	0.06774690	0.27445400	0.00000228	0.22435700	0.00039317	
RelInt RSD	*0.15326285*	*0.45896122*	*0.42434433*	*1914.24560172*	*0.22265942*	*12.80786937*	
RelInt SD	*0.00094188*	*0.00031093*	*0.00116463*	*0.00004363*	*0.00049955*	*0.00005036*	
Conc Mean	0.96061400[mg/l]	1.05820000[mg/l]	4.15185000[mg/l]	<-0.00155981[mg/l]	0.87028000[mg/l]	<0.01419410[mg/l]	
Conc RSD	*0.15329779*	*0.46015498*	*0.42713248*	*809.85504645*	*0.22688560*	*35.63015619*	
Conc SD	*0.00147260[mg/l]*	*0.00486936[mg/l]*	*0.01773390[mg/l]*	*0.01263220[mg/l]*	*0.00197454[mg/l]*	*0.00505738[mg/l]*	

ENTHALPY INITIAL CALIBRATION FOR 486134 METALS Wipe: EPA 6010B

Instrument:	MET06		
Calibration #:	483220849001	Date:	02-JUN-2023 08:49
Units:	mg/L	X Axis:	R

Level	File	Seqnum	Sample ID	Analyzed	Standards
L1	met06_master011	483220849002	L1	02-JUN-2023 08:52	S18001, S14463 (100X)
L2	met06_master011	483220849003	L2	02-JUN-2023 08:55	S18000, S14463 (100X)
L3	met06_master011	483220849004	L3	02-JUN-2023 08:58	S17999, S14463 (100X)
L4	met06_master011	483220849005	L4	02-JUN-2023 09:02	S17998, S14463 (100X)
L5	met06_master011	483220849006	L5	02-JUN-2023 09:05	S17997, S14463 (100X)
L6	met06_master011	483220849007	L6	02-JUN-2023 09:08	S17996, S14463 (100X)

Analyte	Ch	Type	a0	a1	a2	Avg RF	r^2	%RSD	n	Min r^2	Flags
Lead	A	WB1K	0.00535	38.6117		0.0223	1.000		7	0.995	

Instrument amount = a0 + (response × a1) + (response² × a2)
WB1K: Linear regression with ICALBLK weighting factor of 1000

Analyte	Ch	L1 RF	L2 RF	L3 RF	L4 RF	L5 RF	L6 RF
Lead	A	0.0102	0.0196	0.0254	0.0264	0.0264	0.0257

Spiked Amounts / Drifts	Ch	L1	%D	L2	%D	L3	%D	L4	%D	L5	%D	L6	%D
Lead	A	0.0033	**100**	0.0100	**29**	0.1000	3	1.0000	2	5.0000	2	10.000	-1

ENTHALPY 2ND SOURCE CALIBRATION SUMMARY FOR 486134 METALS Wipe

EPA 6010B

Inst:	MET06		
Calnum:	483220849001	Cal Date:	02-JUN-2023

- ICV 483220849013 (02-JUN-2023) stds: S18436, S14463 (100X)

Analyte	Ch	Spiked	Quant	Units	%D	Max	Flags
Lead	A	1.000	1.065	mg/l	7	10	

Method Name: Met06_Master011923 Method Autor: Operator

Sample Name: ICALBLK,CALBLANK			Sample Type: Calibration Sample
Measure Date: 2023-06-02 08:49:08	Recalculation Date:	State: Measured	Quality: Drifted

	Ag 328.068	Al_R 396.152	As 189.042	B 249.677	Ba 230.424	Ca_R 317.933	Co 228.616
Int Mean	13981.8000000	2025.35000000	1019.34000000	2004.48000000	2333.53000000	563.82200000	2025.95000000
Int RSD	*0.69165272*	*5.51825610*	*1.62507112*	*0.23361820*	*1.29498657*	*24.73901338*	*1.57379501*
Int SD	*96.70550000*	*111.76400000*	*16.56500000*	*4.68283000*	*30.21890000*	*139.48400000*	*31.88430000*
RelInt Mean	0.00003556	0.00140919	-0.00000897	0.00055097	0.00074902	0.00148908	0.00024435
RelInt RSD	*57.85633141*	*2.28905258*	*524.57253996*	*4.70408552*	*8.45163314*	*11.43524861*	*23.26421032*
RelInt SD	*0.00002058*	*0.00003226*	*0.00004704*	*0.00002592*	*0.00006330*	*0.00017028*	*0.00005685*

	Cr 267.716	Cu 324.754	Fe 259.941	K_R 769.896	Mg_R 383.230	Mn 257.611	Mo 202.095
Int Mean	1807.05000000	16091.9000000	2574.32000000	58.37890000	2865.74000000	3287.99000000	1309.64000000
Int RSD	*0.55924850*	*1.27521300*	*1.57307949*	*139.55007717*	*3.02305164*	*0.34649132*	*2.66228124*
Int SD	*10.10590000*	*205.20600000*	*40.49610000*	*81.46780000*	*86.63280000*	*11.39260000*	*34.86630000*
RelInt Mean	0.00015665	0.00042637	0.00127549	-0.00017458	0.00179849	0.00334515	0.00014277
RelInt RSD	*27.28112452*	*3.56494696*	*6.42380575*	*96.30548221*	*10.70542511*	*2.74685440*	*48.40930741*
RelInt SD	*0.00004274*	*0.00001520*	*0.00008194*	*0.00016813*	*0.00019254*	*0.00009189*	*0.00006911*

	Na_R 589.592	Ni 231.604	Pb 220.353	Sb 206.833	Se 196.090	Sn 189.991	Sr_R 407.771
Int Mean	3663.90000000	1996.77000000	2013.72000000	1433.84000000	982.08600000	955.31900000	5450.91000000
Int RSD	*0.50811158*	*1.45142405*	*1.13388654*	*2.73869469*	*1.84053128*	*1.90200341*	*2.15631885*
Int SD	*18.61670000*	*28.98160000*	*22.83330000*	*39.26850000*	*18.07560000*	*18.17020000*	*117.53900000*
RelInt Mean	0.00153029	-0.00021222	-0.00014085	0.00023562	0.00008869	0.00003944	0.01345340
RelInt RSD	*14.18809507*	*38.01600204*	*17.00465737*	*34.82382500*	*60.41933033*	*87.36871998*	*2.15031888*
RelInt SD	*0.00021712*	*0.00008068*	*0.00002395*	*0.00008205*	*0.00005359*	*0.00003446*	*0.00028929*

	Ti 334.941	Tl 190.864	V 292.464	Y 224.3_A	Y 371.0_A	Y_R 371.030	Zn 206.200
Int Mean	17440.5000000	1052.72000000	3855.97000000	386874	7359370	287890	1850.46000000
Int RSD	*0.87865600*	*1.90545444*	*2.04421974*	*0.77407631*	*0.97821553*	*0.80437320*	*0.56303838*
Int SD	*153.24200000*	*20.05910000*	*78.82450000*	*2994.70000000*	*71990.5000000*	*2315.71000000*	*10.41880000*
RelInt Mean	0.00024780	0.00015334	0.00022422	---	---	---	0.00133811
RelInt RSD	*2.66255851*	*34.11522258*	*6.60675420*	---	---	---	*7.93290537*
RelInt SD	*0.00000660*	*0.00005231*	*0.00001481*	---	---	---	*0.00010615*

	Be_R 313.107	Li_R 670.780	Si 251.612	P 177.495	Cd 228.802	S 182.034	
Int Mean	229.35700000	2909.06000000	2215.14000000	19.97170000	2179.24000000	1030.32000000	
Int RSD	*20.27276255*	*1.74505854*	*1.30865769*	*58.32953629*	*0.85439878*	*2.69664764*	
Int SD	*46.49700000*	*50.76480000*	*28.98860000*	*11.64940000*	*18.61940000*	*27.78410000*	
RelInt Mean	-0.00002115	0.00018246	0.00081744	0.00000767	0.00046969	0.00025184	
RelInt RSD	*169.67974694*	*144.38111419*	*10.80568900*	*224.21666208*	*2.10255127*	*13.39570122*	
RelInt SD	*0.00003589*	*0.00026345*	*0.00008833*	*0.00001719*	*0.00000988*	*0.00003374*	

Method Name: Met06_Master011923 Method Autor: Operator

Sample Name: ICAL,L1,S18001			Sample Type: Calibration Sample
Measure Date: 2023-06-02 08:52:25	Recalculation Date:	State: Measured	Quality: Drifted

	Ag 328.068	Al_R 396.152	As 189.042	B 249.677	Ba 230.424	Ca_R 317.933	Co 228.616
Int Mean	14197.9000000	2137.70000000	1058.02000000	2130.48000000	2776.15000000	857.39900000	2139.43000000
Int RSD	*0.79052536*	*0.96209945*	*2.08167142*	*1.33392944*	*0.39633305*	*9.28750792*	*0.91156523*
Int SD	*112.23800000*	*20.56680000*	*22.02450000*	*28.41910000*	*11.00280000*	*79.63100000*	*19.50230000*
RelInt Mean	0.00003556	0.00137307	0.00003939	0.00081462	0.00181942	0.00203852	0.00044148
RelInt RSD	*41.40251516*	*32.69345336*	*267.72167325*	*9.34763448*	*1.96775346*	*16.53066931*	*7.81687589*
RelInt SD	*0.00001472*	*0.00044890*	*0.00010545*	*0.00007615*	*0.00003580*	*0.00033698*	*0.00003451*

	Cr 267.716	Cu 324.754	Fe 259.941	K_R 769.896	Mg_R 383.230	Mn 257.611	Mo 202.095
Int Mean	1972.09000000	18288.8000000	3314.92000000	146.95100000	2937.25000000	5446.54000000	1540.30000000
Int RSD	*1.44116141*	*0.80512663*	*0.52286330*	*37.21036264*	*5.39266321*	*0.46653472*	*1.70520029*
Int SD	*28.42100000*	*147.24800000*	*17.33250000*	*54.68100000*	*158.39600000*	*25.41000000*	*26.26520000*
RelInt Mean	0.00055493	0.00070028	0.00314163	0.00017952	0.00187076	0.00904038	0.00067877
RelInt RSD	*7.07876892*	*1.39119526*	*0.36928919*	*25.28429379*	*27.03713999*	*1.42409943*	*11.24514748*
RelInt SD	*0.00003928*	*0.00000974*	*0.00001160*	*0.00004539*	*0.00050580*	*0.00012874*	*0.00007633*

	Na_R 589.592	Ni 231.604	Pb 220.353	Sb 206.833	Se 196.090	Sn 189.991	Sr_R 407.771
Int Mean	4065.63000000	2126.95000000	2110.92000000	1542.36000000	1102.82000000	1034.48000000	12478.1000000
Int RSD	*3.07275871*	*0.47908037*	*0.89515472*	*1.66989548*	*0.59336066*	*0.99574666*	*0.54632276*
Int SD	*124.92700000*	*10.18980000*	*18.89600000*	*25.75580000*	*6.54370000*	*10.30080000*	*68.17070000*
RelInt Mean	0.00278062	0.00003316	0.00003384	0.00045628	0.00034767	0.00019053	0.03866230
RelInt RSD	*4.43577332*	*120.81530376*	*120.76093381*	*9.47111539*	*11.33191246*	*10.74346028*	*1.92887645*
RelInt SD	*0.00012334*	*0.00004007*	*0.00004087*	*0.00004321*	*0.00003940*	*0.00002047*	*0.00074575*

	Ti 334.941	Tl 190.864	V 292.464	Y 224.3_A	Y 371.0_A	Y_R 371.030	Zn 206.200
Int Mean	20449.2000000	1217.07000000	4030.50000000	382206	7301150	281787	2611.53000000
Int RSD	*1.04822683*	*1.02530668*	*1.04072944*	*0.62278980*	*0.90526013*	*1.03395472*	*1.63754581*
Int SD	*214.35400000*	*12.47870000*	*41.94660000*	*2380.34000000*	*66094.4000000*	*2913.55000000*	*42.76500000*
RelInt Mean	0.00063185	0.00056061	0.00024135	---	---	---	0.00334867
RelInt RSD	*1.72549628*	*2.49197306*	*3.78853508*	---	---	---	*3.50867658*
RelInt SD	*0.00001090*	*0.00001397*	*0.00000914*	---	---	---	*0.00011749*

	Be_R 313.107	Li_R 670.780	Si 251.612	P 177.495	Cd 228.802	S 182.034	
Int Mean	240.38600000	2979.91000000	2105.28000000	24.88420000	2413.38000000	1012.92000000	
Int RSD	*23.64101903*	*7.97369719*	*0.16524500*	*65.88075968*	*1.48972810*	*2.52097895*	
Int SD	*56.82970000*	*237.60900000*	*3.47887000*	*16.39390000*	*35.95280000*	*25.53550000*	
RelInt Mean	-0.00010207	0.00004844	0.00036896	0.00002964	0.00098777	0.00018142	
RelInt RSD	*130.74323000*	*1245.61707750*	*17.50636250*	*87.75173503*	*13.62546671*	*20.35575693*	
RelInt SD	*0.00013345*	*0.00060335*	*0.00006459*	*0.00002601*	*0.00013459*	*0.00003693*	

Method Name: Met06_Master011923 Method Autor: Operator

Sample Name: ICAL,L2,S18000			Sample Type: Calibration Sample
Measure Date: 2023-06-02 08:55:43	Recalculation Date:	State: Measured	Quality: Drifted

	Ag 328.068	Al_R 396.152	As 189.042	B 249.677	Ba 230.424	Ca_R 317.933	Co 228.616
Int Mean	14447.6000000	2076.25000000	1168.86000000	2412.55000000	3489.25000000	1048.27000000	2354.00000000
Int RSD	*1.10992829*	*3.90367730*	*1.11960372*	*1.27972477*	*1.39406176*	*10.64181938*	*0.78851742*
Int SD	*160.35800000*	*81.05010000*	*13.08660000*	*30.87400000*	*48.64230000*	*111.55500000*	*18.56170000*
RelInt Mean	0.00003248	0.00110469	0.00028626	0.00146615	0.00358855	0.00310299	0.00094181
RelInt RSD	*52.64204738*	*44.50099123*	*21.38751485*	*2.85225932*	*2.36842736*	*5.61703389*	*3.45948351*
RelInt SD	*0.00001710*	*0.00049160*	*0.00006122*	*0.00004182*	*0.00008499*	*0.00017430*	*0.00003258*

	Cr 267.716	Cu 324.754	Fe 259.941	K_R 769.896	Mg_R 383.230	Mn 257.611	Mo 202.095
Int Mean	2333.63000000	21426.9000000	4716.31000000	92.24330000	3105.49000000	9737.65000000	1968.00000000
Int RSD	*1.09527217*	*2.17378622*	*0.60982633*	*64.50018592*	*2.57695243*	*0.61689525*	*1.74203252*
Int SD	*25.55960000*	*465.77500000*	*28.76130000*	*59.49710000*	*80.02700000*	*60.07110000*	*34.28320000*
RelInt Mean	0.00142205	0.00107647	0.00669684	-0.00003636	0.00227144	0.02002080	0.00179967
RelInt RSD	*4.63044197*	*3.38041004*	*0.80323556*	*881.62403269*	*4.42023562*	*1.20097598*	*6.39172737*
RelInt SD	*0.00006585*	*0.00003639*	*0.00005379*	*0.00032059*	*0.00010040*	*0.00024044*	*0.00011503*

	Na_R 589.592	Ni 231.604	Pb 220.353	Sb 206.833	Se 196.090	Sn 189.991	Sr_R 407.771
Int Mean	4474.08000000	2375.32000000	2202.82000000	1742.54000000	1252.61000000	1224.62000000	25366.1000000
Int RSD	*4.56118353*	*0.82657074*	*0.65394812*	*1.18405316*	*0.88447322*	*1.16675377*	*0.62007167*
Int SD	*204.07100000*	*19.63370000*	*14.40530000*	*20.63260000*	*11.07900000*	*14.28830000*	*157.28800000*
RelInt Mean	0.00420671	0.00063796	0.00019646	0.00094073	0.00071460	0.00064760	0.08442050
RelInt RSD	*10.45401276*	*2.05267753*	*19.39815027*	*4.49387656*	*8.63999250*	*3.71054663*	*0.75420662*
RelInt SD	*0.00043977*	*0.00001310*	*0.00003811*	*0.00004228*	*0.00006174*	*0.00002403*	*0.00063671*

	Ti 334.941	Tl 190.864	V 292.464	Y 224.3_A	Y 371.0_A	Y_R 371.030	Zn 206.200
Int Mean	26590.8000000	1532.12000000	4194.62000000	386184	7269780	282169	4049.35000000
Int RSD	*1.75617883*	*0.36300486*	*2.89392126*	*0.65863423*	*0.79044483*	*0.92504492*	*0.41373554*
Int SD	*466.98200000*	*5.56167000*	*121.38900000*	*2543.54000000*	*57463.6000000*	*2610.19000000*	*16.75360000*
RelInt Mean	0.00142371	0.00135477	0.00024532	---	---	---	0.00699699
RelInt RSD	*1.40427475*	*2.74174952*	*4.09902088*	---	---	---	*0.26653461*
RelInt SD	*0.00001999*	*0.00003714*	*0.00001006*	---	---	---	*0.00001865*

	Be_R 313.107	Li_R 670.780	Si 251.612	P 177.495	Cd 228.802	S 182.034	
Int Mean	450.74800000	3125.45000000	2148.82000000	13.82870000	2717.40000000	1028.44000000	
Int RSD	*22.20974913*	*3.91757987*	*0.39182761*	*83.68176329*	*0.13107529*	*3.71555949*	
Int SD	*100.11000000*	*122.44200000*	*8.41967000*	*11.57210000*	*3.56184000*	*38.21230000*	
RelInt Mean	0.00081153	0.00058533	0.00046668	0.00000099	0.00172394	0.00018495	
RelInt RSD	*44.92029283*	*7.66680448*	*15.80320007*	*2830.88425296*	*0.64405954*	*22.28101953*	
RelInt SD	*0.00036454*	*0.00004488*	*0.00007375*	*0.00002794*	*0.00001110*	*0.00004121*	

Method Name: Met06_Master011923 Method Autor: Operator

Sample Name: ICAL,L3,S17999			Sample Type: Calibration Sample
Measure Date: 2023-06-02 08:58:59	Recalculation Date:	State: Measured	Quality: Drifted

	Ag 328.068	Al_R 396.152	As 189.042	B 249.677	Ba 230.424	Ca_R 317.933	Co 228.616
Int Mean	14408.0000000	2448.26000000	2128.27000000	5866.50000000	13036.0000000	7721.75000000	4997.57000000
Int RSD	*0.48920669*	*4.49229249*	*0.03228876*	*0.14127504*	*0.21962872*	*1.03295755*	*0.81254089*
Int SD	*70.48490000*	*109.98300000*	*0.68719200*	*8.28790000*	*28.63080000*	*79.76240000*	*40.60730000*
RelInt Mean	0.00002245	0.00156400	0.00277593	0.01043250	0.02836840	0.02668620	0.00779505
RelInt RSD	*89.48245294*	*19.80447570*	*0.95245557*	*0.45314067*	*0.53384047*	*3.40486843*	*1.18751002*
RelInt SD	*0.00002009*	*0.00030974*	*0.00002644*	*0.00004727*	*0.00015144*	*0.00090863*	*0.00009257*

	Cr 267.716	Cu 324.754	Fe 259.941	K_R 769.896	Mg_R 383.230	Mn 257.611	Mo 202.095
Int Mean	6760.12000000	59468.9000000	23340.5000000	309.99500000	4510.70000000	66717.1000000	7561.81000000
Int RSD	*1.77187683*	*1.39833426*	*0.69299287*	*40.01290343*	*3.74165872*	*0.26656734*	*0.42318969*
Int SD	*119.78100000*	*831.57400000*	*161.74800000*	*124.03800000*	*168.77500000*	*177.84600000*	*32.00080000*
RelInt Mean	0.01289760	0.00642441	0.05498020	0.00074668	0.00734827	0.16791900	0.01627220
RelInt RSD	*2.04700875*	*1.39765986*	*0.98164612*	*29.37940954*	*6.70341455*	*0.05740667*	*0.47718133*
RelInt SD	*0.00026401*	*0.00008979*	*0.00053971*	*0.00021937*	*0.00049259*	*0.00009640*	*0.00007765*

	Na_R 589.592	Ni 231.604	Pb 220.353	Sb 206.833	Se 196.090	Sn 189.991	Sr_R 407.771
Int Mean	10849.1000000	5366.29000000	3103.91000000	4001.31000000	3373.16000000	3402.29000000	195135
Int RSD	*0.69511572*	*0.92858194*	*1.65631091*	*0.32962455*	*0.57991616*	*0.76434695*	*0.72410383*
Int SD	*75.41380000*	*49.83040000*	*51.41040000*	*13.18930000*	*19.56150000*	*26.00530000*	*1412.98000000*
RelInt Mean	0.02662800	0.00838392	0.00254025	0.00677842	0.00620052	0.00630919	0.69297200
RelInt RSD	*2.90206925*	*1.40969857*	*4.51073713*	*0.48754429*	*1.69585777*	*1.30914745*	*2.64257430*
RelInt SD	*0.00077276*	*0.00011819*	*0.00011458*	*0.00003305*	*0.00010515*	*0.00008260*	*0.01831230*

	Ti 334.941	Tl 190.864	V 292.464	Y 224.3_A	Y 371.0_A	Y_R 371.030	Zn 206.200
Int Mean	100265	5471.67000000	6173.42000000	387777	7154140	281307	24563.4000000
Int RSD	*1.20098738*	*0.56015440*	*1.13944297*	*0.20669483*	*0.61972648*	*2.16350109*	*0.74303639*
Int SD	*1204.17000000*	*30.64980000*	*70.34260000*	*801.51500000*	*44336.1000000*	*6086.08000000*	*182.51500000*
RelInt Mean	0.01176420	0.01155970	0.00052944	---	---	---	0.06022360
RelInt RSD	*0.91184271*	*0.64601763*	*3.84922531*	---	---	---	*1.05863482*
RelInt SD	*0.00010727*	*0.00007468*	*0.00002038*	---	---	---	*0.00063755*

	Be_R 313.107	Li_R 670.780	Si 251.612	P 177.495	Cd 228.802	S 182.034	
Int Mean	5110.33000000	5014.22000000	2188.66000000	23.95720000	6760.96000000	1040.44000000	
Int RSD	*3.86282295*	*2.62766692*	*0.24385514*	*18.92383083*	*1.34947256*	*1.60704125*	
Int SD	*197.40300000*	*131.75700000*	*5.33716000*	*4.53362000*	*91.23730000*	*16.72030000*	
RelInt Mean	0.01745690	0.00706913	0.00051739	0.00002678	0.01216630	0.00023018	
RelInt RSD	*5.29209653*	*6.02197159*	*8.15084617*	*71.23453886*	*1.67060651*	*38.16361109*	
RelInt SD	*0.00092384*	*0.00042570*	*0.00004217*	*0.00001908*	*0.00020325*	*0.00008784*	

Method Name: Met06_Master011923 Method Autor: Operator

Sample Name: ICAL,L4,S17998			Sample Type: Calibration Sample
Measure Date: 2023-06-02 09:02:16	Recalculation Date:	State: Measured	Quality: Drifted

	Ag 328.068	Al_R 396.152	As 189.042	B 249.677	Ba 230.424	Ca_R 317.933	Co 228.616
Int Mean	14523.3000000	5229.65000000	11401.2000000	39721.1000000	101880	66552.6000000	29006.4000000
Int RSD	*1.28515558*	*1.25682025*	*1.25091218*	*0.90620602*	*1.87468590*	*0.32741170*	*0.40707223*
Int SD	*186.64700000*	*65.72730000*	*142.61900000*	*359.95500000*	*1909.93000000*	*217.90100000*	*118.07700000*
RelInt Mean	0.00002428	0.01040070	0.02716030	0.10049400	0.26519500	0.24842200	0.07133110
RelInt RSD	*31.37439880*	*5.05665965*	*1.11574246*	*0.66028818*	*0.36434774*	*0.54414263*	*1.25340840*
RelInt SD	*0.00000762*	*0.00052593*	*0.00030304*	*0.00066355*	*0.00096623*	*0.00135177*	*0.00089407*

	Cr 267.716	Cu 324.754	Fe 259.941	K_R 769.896	Mg_R 383.230	Mn 257.611	Mo 202.095
Int Mean	49289.1000000	400305	197159	4201.66000000	18397.2000000	603253	60007.2000000
Int RSD	*1.24323836*	*2.01804624*	*1.28127045*	*2.15081896*	*0.77063901*	*1.04084853*	*0.84613680*
Int SD	*612.78100000*	*8078.34000000*	*2526.14000000*	*90.37010000*	*141.77600000*	*6278.95000000*	*507.74300000*
RelInt Mean	0.12582900	0.05764080	0.51910900	0.01544370	0.05948950	1.60129000	0.15592500
RelInt RSD	*0.56862409*	*1.32982367*	*0.27185813*	*4.07893834*	*0.58465612*	*0.51711807*	*0.68101331*
RelInt SD	*0.00071549*	*0.00076652*	*0.00141124*	*0.00062994*	*0.00034781*	*0.00828056*	*0.00106187*

	Na_R 589.592	Ni 231.604	Pb 220.353	Sb 206.833	Se 196.090	Sn 189.991	Sr_R 407.771
Int Mean	67936.7000000	32607.9000000	12247.4000000	26220.9000000	23106.7000000	23514.2000000	1805720
Int RSD	*1.26959214*	*1.77348741*	*0.54076457*	*0.62709137*	*1.04152908*	*1.93759090*	*0.44260960*
Int SD	*862.51900000*	*578.29700000*	*66.22960000*	*164.42900000*	*240.66300000*	*455.60900000*	*7992.29000000*
RelInt Mean	0.24054200	0.08034990	0.02636820	0.06550540	0.05854460	0.05959690	6.75071000
RelInt RSD	*0.46807210*	*0.25315651*	*1.06696703*	*1.18802877*	*0.50597493*	*0.73138871*	*0.51677527*
RelInt SD	*0.00112591*	*0.00020341*	*0.00028134*	*0.00077822*	*0.00029622*	*0.00043589*	*0.03488600*

	Ti 334.941	Tl 190.864	V 292.464	Y 224.3_A	Y 371.0_A	Y_R 371.030	Zn 206.200
Int Mean	785203	42671.2000000	25178.3000000	378168	6685120	269302	213812
Int RSD	*2.03407272*	*0.61122490*	*2.30757041*	*1.53505320*	*0.83221094*	*0.82437932*	*2.26795970*
Int SD	*15971.6000000*	*260.81700000*	*581.00700000*	*5805.08000000*	*55634.3000000*	*2220.07000000*	*4849.17000000*
RelInt Mean	0.11496700	0.11040500	0.00338660	---	---	---	0.56517100
RelInt RSD	*1.22824811*	*0.99460169*	*1.67005847*	---	---	---	*0.75230152*
RelInt SD	*0.00141208*	*0.00109809*	*0.00005656*	---	---	---	*0.00425179*

	Be_R 313.107	Li_R 670.780	Si 251.612	P 177.495	Cd 228.802	S 182.034	
Int Mean	52622.8000000	20916.3000000	3031.54000000	23.13170000	47545.5000000	1190.93000000	
Int RSD	*0.60491080*	*0.53814967*	*1.87499093*	*45.09698812*	*1.26862900*	*1.94048349*	
Int SD	*318.32100000*	*112.56100000*	*56.84110000*	*10.43170000*	*603.17600000*	*23.10980000*	
RelInt Mean	0.19609400	0.06600660	0.00240914	0.00002676	0.12037200	0.00024475	
RelInt RSD	*0.28454976*	*1.36363636*	*3.40286575*	*97.03766541*	*0.34206377*	*15.55774825*	
RelInt SD	*0.00055798*	*0.00090009*	*0.00008198*	*0.00002597*	*0.00041175*	*0.00003808*	

Method Name: Met06_Master011923 Method Autor: Operator

Sample Name: ICAL,L5,S17997			Sample Type: Calibration Sample
Measure Date: 2023-06-02 09:05:32	Recalculation Date:	State: Measured	Quality: Drifted

	Ag 328.068	Al_R 396.152	As 189.042	B 249.677	Ba 230.424	Ca_R 317.933	Co 228.616
Int Mean	17062.8000000	16688.5000000	54707.9000000	203775	517749	345895	140828
Int RSD	*0.47571676*	*0.88996614*	*0.13502383*	*0.51939149*	*0.71243788*	*0.10440770*	*0.58124876*
Int SD	*81.17060000*	*148.52200000*	*73.86870000*	*1058.39000000*	*3688.64000000*	*361.14100000*	*818.56100000*
RelInt Mean	0.00002766	0.04256750	0.14050200	0.53302600	1.36256000	1.28074000	0.36460500
RelInt RSD	*8.74995028*	*1.11352323*	*0.89067060*	*0.23877447*	*0.43136669*	*0.20491513*	*0.21249955*
RelInt SD	*0.00000242*	*0.00047400*	*0.00125141*	*0.00127273*	*0.00587763*	*0.00262443*	*0.00077478*

	Cr 267.716	Cu 324.754	Fe 259.941	K_R 769.896	Mg_R 383.230	Mn 257.611	Mo 202.095
Int Mean	240137	2015450	991266	23954.8000000	83234.6000000	3044500	302133
Int RSD	*0.49768257*	*1.52546578*	*0.31229962*	*0.76668977*	*0.46705817*	*0.63946132*	*0.60103994*
Int SD	*1195.12000000*	*30745.0000000*	*3095.72000000*	*183.65900000*	*388.75400000*	*19468.4000000*	*1815.94000000*
RelInt Mean	0.62701400	0.30062400	2.61665000	0.08806370	0.29728200	8.05346000	0.79446700
RelInt RSD	*0.30149247*	*1.15194728*	*0.46956223*	*0.85435997*	*0.47129325*	*0.16956935*	*0.16059194*
RelInt SD	*0.00189040*	*0.00346303*	*0.01228680*	*0.00075238*	*0.00140107*	*0.01365620*	*0.00127585*

	Na_R 589.592	Ni 231.604	Pb 220.353	Sb 206.833	Se 196.090	Sn 189.991	Sr_R 407.771
Int Mean	317626	159307	52848.6000000	132288	112428	115938	9233520
Int RSD	*0.64980827*	*0.48714871*	*1.07386761*	*0.37217435*	*0.26926388*	*0.11728251*	*1.01348781*
Int SD	*2063.96000000*	*776.06200000*	*567.52400000*	*492.34200000*	*302.72800000*	*135.97500000*	*93580.6000000*
RelInt Mean	1.15727000	0.41286700	0.13211000	0.34376100	0.29368000	0.30282100	34.20330000
RelInt RSD	*0.52047405*	*0.34474298*	*0.41557036*	*0.48123551*	*0.54092550*	*0.64246865*	*0.99010622*
RelInt SD	*0.00602329*	*0.00142333*	*0.00054901*	*0.00165430*	*0.00158859*	*0.00194553*	*0.33864900*

	Ti 334.941	Tl 190.864	V 292.464	Y 224.3_A	Y 371.0_A	Y_R 371.030	Zn 206.200
Int Mean	4075950	203686	109951	380975	6633760	272074	1103630
Int RSD	*1.70667206*	*0.31049213*	*1.99127793*	*0.75713892*	*0.37798775*	*0.11035123*	*0.70230512*
Int SD	*69563.1000000*	*632.42900000*	*2189.43000000*	*2884.51000000*	*25074.8000000*	*300.23700000*	*7750.85000000*
RelInt Mean	0.61160400	0.53389500	0.01606760	---	---	---	2.91546000
RelInt RSD	*1.33377807*	*0.46809766*	*1.72426498*	---	---	---	*0.22403120*
RelInt SD	*0.00815744*	*0.00249915*	*0.00027705*	---	---	---	*0.00653154*

	Be_R 313.107	Li_R 670.780	Si 251.612	P 177.495	Cd 228.802	S 182.034	
Int Mean	261662	90947.7000000	5763.98000000	386.24000000	240676	1751.30000000	
Int RSD	*0.37966957*	*0.66589809*	*0.49740631*	*4.23858223*	*0.33969860*	*1.53571061*	
Int SD	*993.45100000*	*605.61900000*	*28.67040000*	*16.37110000*	*817.57300000*	*26.89490000*	
RelInt Mean	0.96778900	0.31996700	0.00836834	0.00084136	0.62740500	0.00076759	
RelInt RSD	*0.27891720*	*0.55349770*	*1.67671247*	*4.68423261*	*0.55910616*	*6.84809599*	
RelInt SD	*0.00269933*	*0.00177101*	*0.00014031*	*0.00003941*	*0.00350786*	*0.00005257*	

Method Name: Met06_Master011923 Method Autor: Operator

Sample Name: ICAL,L6,S17996			Sample Type: Calibration Sample
Measure Date: 2023-06-02 09:08:49	Recalculation Date:	State: Measured	Quality: Drifted

	Ag 328.068	Al_R 396.152	As 189.042	B 249.677	Ba 230.424	Ca_R 317.933	Co 228.616
Int Mean	19210.7000000	32851.4000000	103157	395024	982662	650428	261434
Int RSD	*0.33774615*	*0.93553091*	*0.26667216*	*0.09283512*	*0.01240956*	*0.21104104*	*0.34851052*
Int SD	*64.88340000*	*307.33500000*	*275.09100000*	*366.72100000*	*121.94400000*	*1372.67000000*	*911.12500000*
RelInt Mean	0.00000459	0.09293760	0.27540500	1.06888000	2.66850000	2.51395000	0.70192100
RelInt RSD	*909.02255147*	*1.69518042*	*0.43836895*	*0.09963700*	*0.16588870*	*0.80384654*	*0.27233122*
RelInt SD	*0.00004171*	*0.00157546*	*0.00120729*	*0.00106500*	*0.00442674*	*0.02020830*	*0.00191155*

	Cr 267.716	Cu 324.754	Fe 259.941	K_R 769.896	Mg_R 383.230	Mn 257.611	Mo 202.095
Int Mean	467400	3869020	1877280	46818.2000000	150057	5691790	577333
Int RSD	*0.12066560*	*1.90642850*	*0.10822094*	*1.12329393*	*0.11601525*	*0.09213780*	*0.18464734*
Int SD	*563.99100000*	*73760.1000000*	*2031.61000000*	*525.90600000*	*174.08900000*	*5244.29000000*	*1066.03000000*
RelInt Mean	1.26215000	0.60732500	5.10765000	0.18034800	0.56742900	15.50790000	1.56632000
RelInt RSD	*0.20023452*	*1.12553246*	*0.27882490*	*1.05682347*	*0.90814181*	*0.26109531*	*0.29359262*
RelInt SD	*0.00252726*	*0.00683564*	*0.01424140*	*0.00190596*	*0.00515306*	*0.04049040*	*0.00459860*

	Na_R 589.592	Ni 231.604	Pb 220.353	Sb 206.833	Se 196.090	Sn 189.991	Sr_R 407.771
Int Mean	616567	297647	98283.2000000	249908	208226	220445	16917900
Int RSD	*0.45937100*	*0.23680602*	*0.52097205*	*0.28002385*	*0.45762633*	*0.36106512*	*0.90543153*
Int SD	*2832.33000000*	*704.84600000*	*512.02800000*	*699.80200000*	*952.89700000*	*795.95000000*	*153180*
RelInt Mean	2.35466000	0.79969900	0.25741100	0.67219900	0.56236300	0.59485300	65.40790000
RelInt RSD	*0.57257948*	*0.06992806*	*0.31445237*	*0.10986345*	*0.48921604*	*0.26262959*	*0.86982001*
RelInt SD	*0.01348230*	*0.00055921*	*0.00080944*	*0.00073850*	*0.00275117*	*0.00156226*	*0.56893100*

	Ti 334.941	Tl 190.864	V 292.464	Y 224.3_A	Y 371.0_A	Y_R 371.030	Zn 206.200
Int Mean	7420300	373250	205620	370546	6327980	260847	2004340
Int RSD	*1.89571850*	*0.19810395*	*1.86570859*	*0.15350888*	*0.80914447*	*0.94269054*	*0.43731602*
Int SD	*140668*	*739.42300000*	*3836.27000000*	*568.82100000*	*51202.5000000*	*2458.98000000*	*8765.30000000*
RelInt Mean	1.17028000	1.00991000	0.03186020	---	---	---	5.45290000
RelInt RSD	*1.11307550*	*0.07817043*	*1.06417411*	---	---	---	*0.39857324*
RelInt SD	*0.01302610*	*0.00078945*	*0.00033905*	---	---	---	*0.02173380*

	Be_R 313.107	Li_R 670.780	Si 251.612	P 177.495	Cd 228.802	S 182.034	
Int Mean	495999	171514	9062.39000000	961.02900000	477964	2277.25000000	
Int RSD	*0.27082111*	*0.49464708*	*1.16888591*	*1.12403476*	*0.23207606*	*0.87557361*	
Int SD	*1343.27000000*	*848.38900000*	*105.92900000*	*10.80230000*	*1109.24000000*	*19.93900000*	
RelInt Mean	1.91476000	0.63817200	0.01635440	0.00215745	1.28968000	0.00113588	
RelInt RSD	*0.98100023*	*1.41107726*	*1.62816123*	*0.87151962*	*0.20749798*	*4.81374793*	
RelInt SD	*0.01878380*	*0.00900510*	*0.00026628*	*0.00001880*	*0.00267606*	*0.00005468*	

Method Name: Met06_Master011923 Method Autor: Operator

Sample Name: ICAL,L7,S18321			Sample Type: Calibration Sample
Measure Date: 2023-06-02 09:12:05	Recalculation Date:	State: Measured	Quality: Drifted

	Ag 328.068	Al_R 396.152	As 189.042	B 249.677	Ba 230.424	Ca_R 317.933	Co 228.616
Int Mean	309658	2098.71000000	999.46700000	2906.11000000	2389.00000000	555.15400000	2011.34000000
Int RSD	*1.64102978*	*2.55400222*	*1.85751005*	*3.37989959*	*1.73520720*	*17.04240625*	*1.95208170*
Int SD	*5081.58000000*	*53.60110000*	*18.56520000*	*98.22360000*	*41.45410000*	*94.61160000*	*39.26300000*
RelInt Mean	0.04355290	0.00134583	-0.00004624	0.00287742	0.00089975	0.00134842	0.00024295
RelInt RSD	*1.86500095*	*20.06642741*	*181.65143369*	*11.95258252*	*6.96049436*	*18.96382433*	*11.44836982*
RelInt SD	*0.00081226*	*0.00027006*	*0.00008399*	*0.00034393*	*0.00006263*	*0.00025571*	*0.00002781*

	Cr 267.716	Cu 324.754	Fe 259.941	K_R 769.896	Mg_R 383.230	Mn 257.611	Mo 202.095
Int Mean	1820.83000000	16433.9000000	2897.35000000	65.49870000	2882.21000000	3475.35000000	1426.19000000
Int RSD	*0.65844148*	*1.32307000*	*3.13607607*	*26.59961190*	*2.43178325*	*0.17141324*	*1.21898204*
Int SD	*11.98910000*	*217.43200000*	*90.86310000*	*17.42240000*	*70.08910000*	*5.95721000*	*17.38500000*
RelInt Mean	0.00023824	0.00049685	0.00208803	-0.00018303	0.00153417	0.00383621	0.00050113
RelInt RSD	*31.79358457*	*4.04647708*	*13.99328554*	*52.57524682*	*11.45179478*	*2.05614917*	*8.92429325*
RelInt SD	*0.00007574*	*0.00002010*	*0.00029218*	*0.00009623*	*0.00017569*	*0.00007888*	*0.00004472*

	Na_R 589.592	Ni 231.604	Pb 220.353	Sb 206.833	Se 196.090	Sn 189.991	Sr_R 407.771
Int Mean	3892.86000000	2018.51000000	2027.27000000	1520.08000000	992.12900000	1017.33000000	5545.98000000
Int RSD	*3.47775158*	*1.85257938*	*1.15280648*	*2.52488027*	*2.19753681*	*4.46827480*	*1.59154919*
Int SD	*135.38400000*	*37.39450000*	*23.37050000*	*38.38020000*	*21.80240000*	*45.45710000*	*88.26700000*
RelInt Mean	0.00222059	-0.00008583	-0.00011306	0.00049357	0.00013292	0.00021043	0.01469160
RelInt RSD	*12.44002720*	*86.76447801*	*18.47999717*	*22.08372926*	*60.90842066*	*78.34793849*	*1.43448637*
RelInt SD	*0.00027624*	*0.00007447*	*0.00002089*	*0.00010900*	*0.00008096*	*0.00016487*	*0.00021075*

	Ti 334.941	Tl 190.864	V 292.464	Y 224.3_A	Y 371.0_A	Y_R 371.030	Zn 206.200
Int Mean	20800.2000000	1072.32000000	3792.29000000	388689	6748340	263803	1815.94000000
Int RSD	*1.37916943*	*1.49554238*	*2.00638137*	*0.64231558*	*0.34352893*	*1.08779278*	*0.74825159*
Int SD	*286.87000000*	*16.03700000*	*76.08780000*	*2496.61000000*	*23182.5000000*	*2869.63000000*	*13.58780000*
RelInt Mean	0.00076140	0.00026564	0.00022594	---	---	---	0.00131080
RelInt RSD	*2.45340807*	*11.94187622*	*1.78922467*	---	---	---	*2.71309887*
RelInt SD	*0.00001868*	*0.00003172*	*0.00000404*	---	---	---	*0.00003556*

	Be_R 313.107	Li_R 670.780	Si 251.612	P 177.495	Cd 228.802	S 182.034	
Int Mean	303.48000000	2981.99000000	2129.57000000	19.80890000	2187.61000000	959.61600000	
Int RSD	*39.70970080*	*2.08523503*	*0.62895796*	*51.76864945*	*2.26096973*	*0.43659547*	
Int SD	*120.51100000*	*62.18150000*	*13.39410000*	*10.25480000*	*49.46120000*	*4.18964000*	
RelInt Mean	0.00023048	-0.00003261	0.00053370	0.00001130	0.00052507	0.00007879	
RelInt RSD	*137.20425722*	*535.34446015*	*3.90231929*	*335.96991150*	*12.08514974*	*80.67671415*	
RelInt SD	*0.00031623*	*0.00017459*	*0.00002083*	*0.00003796*	*0.00006346*	*0.00006357*	

Method Name: Met06_Master011923 Method Autor: Operator

Sample Name: ICAL,L8,S17995			Sample Type: Calibration Sample
Measure Date: 2023-06-02 09:15:22	Recalculation Date:	State: Measured	Quality:

	Ag 328.068	Al_R 396.152	As 189.042	B 249.677	Ba 230.424	Ca_R 317.933	Co 228.616
Int Mean	13987.0000000	2095.03000000	1044.35000000	2573.25000000	2449.26000000	552.05300000	2074.46000000
Int RSD	*1.64374062*	*4.83028883*	*2.05905108*	*1.23090256*	*1.96382989*	*14.41885109*	*1.88092323*
Int SD	*229.91000000*	*101.19600000*	*21.50370000*	*31.67420000*	*48.09930000*	*79.59970000*	*39.01900000*
RelInt Mean	0.00001105	0.00093593	-0.00002383	0.00174867	0.00072437	0.00119495	0.00012238
RelInt RSD	*78.76339512*	*56.57237919*	*174.26323079*	*4.33007371*	*11.07251375*	*26.96439182*	*60.30602406*
RelInt SD	*0.00000870*	*0.00052948*	*0.00004152*	*0.00007572*	*0.00008021*	*0.00032221*	*0.00007380*

	Cr 267.716	Cu 324.754	Fe 259.941	K_R 769.896	Mg_R 383.230	Mn 257.611	Mo 202.095
Int Mean	1863.82000000	16288.6000000	2786.54000000	55.61340000	3094.57000000	3437.32000000	1383.97000000
Int RSD	*1.09387709*	*1.15635475*	*1.45705068*	*112.30099221*	*1.34780276*	*0.32682439*	*1.59074980*
Int SD	*20.38790000*	*188.35400000*	*40.60130000*	*62.45440000*	*41.70870000*	*11.23400000*	*22.01550000*
RelInt Mean	0.00021311	0.00047888	0.00158225	-0.00009799	0.00225723	0.00345932	0.00020950
RelInt RSD	*9.25194264*	*1.89307297*	*3.49945963*	*239.00856944*	*13.43903811*	*2.44942070*	*17.75041051*
RelInt SD	*0.00001972*	*0.00000907*	*0.00005537*	*0.00023420*	*0.00030335*	*0.00008473*	*0.00003719*

	Na_R 589.592	Ni 231.604	Pb 220.353	Sb 206.833	Se 196.090	Sn 189.991	Sr_R 407.771
Int Mean	3937.00000000	2078.13000000	2158.69000000	1508.80000000	1032.11000000	1010.34000000	5442.61000000
Int RSD	*2.44327153*	*1.76699244*	*0.95623735*	*1.44284862*	*2.33212545*	*1.24071105*	*2.66344640*
Int SD	*96.19160000*	*36.72040000*	*20.64220000*	*21.76970000*	*24.07010000*	*12.53540000*	*144.96100000*
RelInt Mean	0.00199411	-0.00013855	-0.00000539	0.00026565	0.00011266	0.00006142	0.01390050
RelInt RSD	*3.05285065*	*46.30064020*	*397.04308504*	*7.61498385*	*37.09960591*	*69.23635476*	*4.26796158*
RelInt SD	*0.00006088*	*0.00006415*	*0.00002141*	*0.00002023*	*0.00004180*	*0.00004253*	*0.00059327*

	Ti 334.941	Tl 190.864	V 292.464	Y 224.3_A	Y 371.0_A	Y_R 371.030	Zn 206.200
Int Mean	19885.0000000	1085.39000000	3856.54000000	401152	6763990	268421	1863.94000000
Int RSD	*2.06173498*	*1.83941256*	*2.37395437*	*0.29968441*	*1.36313773*	*0.08372445*	*0.50377480*
Int SD	*409.97600000*	*19.96480000*	*91.55250000*	*1202.19000000*	*92202.5000000*	*224.73400000*	*9.39006000*
RelInt Mean	0.00062244	0.00016946	0.00022560	---	---	---	0.00126500
RelInt RSD	*4.46232914*	*18.25423709*	*4.13785843*	---	---	---	*5.51632411*
RelInt SD	*0.00002778*	*0.00003093*	*0.00000934*	---	---	---	*0.00006978*

	Be_R 313.107	Li_R 670.780	Si 251.612	P 177.495	Cd 228.802	S 182.034	
Int Mean	268.56000000	3093.80000000	264403	13777.7000000	2255.86000000	40801.1000000	
Int RSD	*13.00889931*	*2.61173961*	*0.17975969*	*0.69652772*	*2.09657514*	*0.46438209*	
Int SD	*34.93670000*	*80.80200000*	*475.29000000*	*95.96550000*	*47.29580000*	*189.47300000*	
RelInt Mean	0.00008306	0.00002155	0.65633800	0.03454730	0.00042610	0.09982230	
RelInt RSD	*269.05888443*	*1201.77782726*	*0.44957476*	*0.80645376*	*18.59940671*	*0.25931080*	
RelInt SD	*0.00022348*	*0.00025904*	*0.00295073*	*0.00027861*	*0.00007925*	*0.00025885*	

Method Name: Met06_Master011923 Method Autor: Operator

Sample Name: ICV,S18436			Sample Type: Control Sample
Measure Date: 2023-06-02 09:28:53	Recalculation Date:	State: Check failed	Quality: Failed | Drifted

	Ag 328.068	Al_R 396.152	As 189.042	B 249.677	Ba 230.424	Ca_R 317.933	Co 228.616
Int Mean	80663.0000000	6218.08000000	11806.8000000	42025.4000000	104744	336469	58371.1000000
Int RSD	*1.78872593*	*1.19594955*	*0.24581597*	*0.17152722*	*0.62687791*	*0.21091245*	*1.01361804*
Int SD	*1442.84000000*	*74.36510000*	*29.02300000*	*72.08500000*	*656.61700000*	*709.65500000*	*591.66000000*
RelInt Mean	0.01040170	0.00508926	0.02900540	0.10985300	0.28213600	1.34748000	0.15417800
RelInt RSD	*1.77980522*	*10.18313075*	*1.01468347*	*1.04350359*	*0.44269430*	*0.08178971*	*0.59815084*
RelInt SD	*0.00018513*	*0.00051825*	*0.00029431*	*0.00114632*	*0.00124900*	*0.00110210*	*0.00092222*
Conc Mean	0.47641100[mg/l]	0.81994000[mg/l]	1.04835000[mg/l]	1.02431000[mg/l]	1.04657000[mg/l]	53.38280000[mg/l]	1.08643000[mg/l]
Conc RSD	*1.78584667*	*14.07029783*	*1.01504269*	*1.04928196*	*0.44394164*	*0.08209180*	*0.59737121*
Conc SD	*0.00850797[mg/l]*	*0.11536800[mg/l]*	*0.01064120[mg/l]*	*0.01074790[mg/l]*	*0.00464616[mg/l]*	*0.04382290[mg/l]*	*0.00649002[mg/l]*

	Cr 267.716	Cu 324.754	Fe 259.941	K_R 769.896	Mg_R 383.230	Mn 257.611	Mo 202.095
Int Mean	49700.3000000	397881	102064	13914.1000000	83879.0000000	603730	60657.7000000
Int RSD	*0.64557960*	*1.85646713*	*0.35627156*	*0.35461798*	*0.35810394*	*0.45210110*	*0.21306776*
Int SD	*320.85500000*	*7386.53000000*	*363.62500000*	*49.34190000*	*300.37400000*	*2729.47000000*	*129.24200000*
RelInt Mean	0.13076500	0.06083030	0.27460100	0.05517580	0.32453900	1.65929000	0.16312000
RelInt RSD	*0.52102015*	*1.61121678*	*0.50176074*	*0.19031351*	*0.20087262*	*0.42590807*	*0.67990436*
RelInt SD	*0.00068131*	*0.00098011*	*0.00137784*	*0.00010501*	*0.00065191*	*0.00706705*	*0.00110906*
Conc Mean	1.03632000[mg/l]	0.99788400[mg/l]	1.06504000[mg/l]	61.65030000[mg/l]	56.52920000[mg/l]	1.05937000[mg/l]	1.03764000[mg/l]
Conc RSD	*0.52161109*	*1.62263349*	*0.50425993*	*0.18976226*	*0.20207256*	*0.42688862*	*0.68063587*
Conc SD	*0.00540556[mg/l]*	*0.01619200[mg/l]*	*0.00537057[mg/l]*	*0.11698900[mg/l]*	*0.11423000[mg/l]*	*0.00452233[mg/l]*	*0.00706255[mg/l]*

	Na_R 589.592	Ni 231.604	Pb 220.353	Sb 206.833	Se 196.090	Sn 189.991	Sr_R 407.771
Int Mean	165407	32946.6000000	12436.2000000	10311.5000000	8734.18000000	114205	358532
Int RSD	*0.32683502*	*0.73281917*	*0.20264309*	*0.12883771*	*1.30757553*	*0.44435270*	*0.86111700*
Int SD	*540.60800000*	*241.43900000*	*25.20110000*	*13.28510000*	*114.20600000*	*507.47300000*	*3087.38000000*
RelInt Mean	0.64608700	0.08370550	0.02745610	0.02385290	0.02082550	0.31191600	1.42979000
RelInt RSD	*0.30659803*	*0.15050027*	*0.98102425*	*0.93653602*	*1.18161869*	*0.50431526*	*0.98086432*
RelInt SD	*0.00198089*	*0.00012598*	*0.00026935*	*0.00022339*	*0.00024608*	*0.00157304*	*0.01402430*
Conc Mean	54.96590000[mg/l]	1.04200000[mg/l]	1.06524000[mg/l]	1.04379000[mg/l]	1.09573000[mg/l]	5.22416000[mg/l]	1.07207000[mg/l]
Conc RSD	*0.30731599*	*0.14998944*	*0.97527318*	*0.94962013*	*1.18715377*	*0.50437582*	*0.99067225*
Conc SD	*0.16891900[mg/l]*	*0.00156289[mg/l]*	*0.01038900[mg/l]*	*0.00991204[mg/l]*	*0.01300800[mg/l]*	*0.02634940[mg/l]*	*0.01062070[mg/l]*

	Ti 334.941	Tl 190.864	V 292.464	Y 224.3_A	Y 371.0_A	Y_R 371.030	Zn 206.200
Int Mean	774820	15367.2000000	46148.4000000	365297	6285530	251695	74045.5000000
Int RSD	*1.76071862*	*0.32583945*	*2.71177332*	*0.85115947*	*0.49486519*	*0.15895945*	*0.31349103*
Int SD	*13642.4000000*	*50.07240000*	*1251.44000000*	*3109.26000000*	*31104.9000000*	*400.09300000*	*232.12600000*
RelInt Mean	0.12053800	0.03885750	0.00688510	---	---	---	0.19964900
RelInt RSD	*1.55282981*	*1.18191598*	*2.46787991*	---	---	---	*0.59890608*
RelInt SD	*0.00187175*	*0.00045926*	*0.00016992*	---	---	---	*0.00119571*
Conc Mean	1.01877000[mg/l]	1.12968000[mg/l]	1.05200000[mg/l]	362206	6252190	249385	1.07451000[mg/l]
Conc RSD	*1.55617068*	*1.19047872*	*2.55171103*	---	---	---	*0.60355046*
Conc SD	*0.01585380[mg/l]*	*0.01344860[mg/l]*	*0.02684400[mg/l]*	*3110.22000000*	*31198.0000000*	*401.12000000*	*0.00648521[mg/l]*

	Be_R 313.107	Li_R 670.780	Si 251.612	P 177.495	Cd 228.802	S 182.034	
Int Mean	164977	21128.0000000	134422	7113.16000000	96203.3000000	20967.8000000	
Int RSD	*0.29152124*	*0.31960432*	*0.29513621*	*0.42876724*	*0.32353152*	*0.78696859*	
Int SD	*480.94300000*	*67.52600000*	*396.72800000*	*30.49890000*	*311.24800000*	*165.01000000*	
RelInt Mean	0.65997700	0.07191030	0.36318200	0.01953470	0.25813700	0.05447770	
RelInt RSD	*0.45670379*	*0.49735156*	*0.57242650*	*1.00661387*	*0.72557208*	*0.30535981*	
RelInt SD	*0.00301414*	*0.00035765*	*0.00207895*	*0.00019664*	*0.00187297*	*0.00016635*	
Conc Mean	1.03161000[mg/l]	1.12340000[mg/l]	5.50454000[mg/l]	5.65352000[mg/l]	1.00143000[mg/l]	5.44598000[mg/l]	
Conc RSD	*0.45679375*	*0.49888197*	*0.57343211*	*1.00719021*	*0.72707329*	*0.30683734*	
Conc SD	*0.00471233[mg/l]*	*0.00560444[mg/l]*	*0.03156480[mg/l]*	*0.05694170[mg/l]*	*0.00728113[mg/l]*	*0.01671030[mg/l]*	

ENTHALPY INSTRUMENT BLANK FOR 486134 METALS Wipe

EPA 6010B

Inst:	MET06			IDF:	1.0
Seqnum:	483220849012	File:	met06_master011	Time:	02-JUN-2023 09:25
Cal:	483220849001	Caldate:	02-JUN-2023		

Analyte	Ch	Quant	IQL	LOD	Units	Flags
Lead	A	[0.002057]	0.003333	---	mg/l	!ICB

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	Abund	%Drift
Yttrium	H	7359370	6447320	-12.39
Yttrium	A	386874	384297	-0.67
Yttrium	R	287890	256251	-10.99

!=warning ICB=instrument blank

Method Name: Met06_Master011923 Method Autor: Operator

Sample Name: ICB,1			Sample Type: Control Sample
Measure Date: 2023-06-02 09:25:20	Recalculation Date:	State: Checked	Quality: Drifted

	Ag 328.068	Al_R 396.152	As 189.042	B 249.677	Ba 230.424	Ca_R 317.933	Co 228.616
Int Mean	13702.7000000	2079.29000000	1003.32000000	2164.21000000	2381.82000000	485.05900000	1993.58000000
Int RSD	*2.08702664*	*2.19354203*	*2.86466930*	*0.48285056*	*0.57665147*	*17.08458146*	*0.57448911*
Int SD	*285.97900000*	*45.61010000*	*28.74180000*	*10.44990000*	*13.73480000*	*82.87030000*	*11.45290000*
RelInt Mean	0.00003640	0.00117859	-0.00003642	0.00095253	0.00085760	0.00121407	0.00016312
RelInt RSD	*69.43898760*	*42.74013864*	*297.18174104*	*3.58362545*	*10.89953463*	*12.72315435*	*31.28044631*
RelInt SD	*0.00002527*	*0.00050373*	*0.00010822*	*0.00003413*	*0.00009347*	*0.00015447*	*0.00005102*
Conc Mean	<0.00003834[mg/l]	<-0.05062450[mg/l]	<-0.00101314[mg/l]	0.00383489[mg/l]	<0.00037120[mg/l]	<-0.01103340[mg/l]	<-0.00061605[mg/l]
Conc RSD	*3029.31434682*	*221.50737291*	*386.34443414*	*8.34115190*	*93.81814067*	*55.52585785*	*58.54546576*
Conc SD	*0.00116153[mg/l]*	*0.11213700[mg/l]*	*0.00391421[mg/l]*	*0.00031987[mg/l]*	*0.00034825[mg/l]*	*0.00612639[mg/l]*	*0.00036067[mg/l]*

	Cr 267.716	Cu 324.754	Fe 259.941	K_R 769.896	Mg_R 383.230	Mn 257.611	Mo 202.095
Int Mean	1781.71000000	15879.6000000	2615.97000000	17.60720000	2961.54000000	3298.91000000	1299.90000000
Int RSD	*1.04311027*	*0.87070203*	*0.88257893*	*415.03135081*	*3.20295522*	*0.76356736*	*1.36855143*
Int SD	*18.58520000*	*138.26400000*	*23.08800000*	*73.07540000*	*94.85680000*	*25.18940000*	*17.78980000*
RelInt Mean	0.00011029	0.00049343	0.00133731	-0.00027417	0.00203973	0.00340785	0.00017201
RelInt RSD	*92.32945273*	*3.22906935*	*0.47271388*	*85.32286773*	*9.36182730*	*0.25058644*	*42.13434025*
RelInt SD	*0.00010183*	*0.00001593*	*0.00000632*	*0.00023393*	*0.00019096*	*0.00000854*	*0.00007248*
Conc Mean	<-0.00035310[mg/l]	<0.00117682[mg/l]	<0.00012054[mg/l]	<-0.11091500[mg/l]	<0.04139060[mg/l]	<-0.00005804[mg/l]	<0.00016205[mg/l]
Conc RSD	*228.82408582*	*22.36578236*	*20.43312704*	*234.91232025*	*80.80868603*	*9.41502945*	*284.75180806*
Conc SD	*0.00080799[mg/l]*	*0.00026320[mg/l]*	*0.00002463[mg/l]*	*0.26055300[mg/l]*	*0.03344720[mg/l]*	*0.00000546[mg/l]*	*0.00046145[mg/l]*

	Na_R 589.592	Ni 231.604	Pb 220.353	Sb 206.833	Se 196.090	Sn 189.991	Sr_R 407.771
Int Mean	3808.20000000	1995.78000000	2034.54000000	1414.69000000	973.90900000	942.05200000	5201.76000000
Int RSD	*0.97907410*	*0.63766046*	*1.15830605*	*3.19436767*	*3.56339247*	*3.73511229*	*1.21808772*
Int SD	*37.28510000*	*12.72630000*	*23.56620000*	*45.19040000*	*34.70420000*	*35.18670000*	*63.36200000*
RelInt Mean	0.00181561	-0.00020088	-0.00008567	0.00022600	0.00008988	0.00000651	0.01370370
RelInt RSD	*27.27061428*	*15.20072084*	*41.84927310*	*57.76877093*	*132.02490326*	*1067.57157361*	*1.96373972*
RelInt SD	*0.00049513*	*0.00003053*	*0.00003585*	*0.00013056*	*0.00011867*	*0.00006950*	*0.00026911*
Conc Mean	<0.02433190[mg/l]	<0.00007334[mg/l]	<0.00205682[mg/l]	<-0.00042546[mg/l]	<-0.00029335[mg/l]	<-0.00058893[mg/l]	<-0.00034611[mg/l]
Conc RSD	*173.52981066*	*516.98246466*	*67.75896773*	*1363.74298695*	*2138.24924066*	*197.68936493*	*58.87953078*
Conc SD	*0.04222310[mg/l]*	*0.00037917[mg/l]*	*0.00139368[mg/l]*	*0.00580214[mg/l]*	*0.00627249[mg/l]*	*0.00116425[mg/l]*	*0.00020379[mg/l]*

	Ti 334.941	Tl 190.864	V 292.464	Y 224.3_A	Y 371.0_A	Y_R 371.030	Zn 206.200
Int Mean	17197.8000000	1041.56000000	3689.72000000	384297	6447320	256251	1817.90000000
Int RSD	*1.03848167*	*0.53352375*	*3.87552443*	*0.39583447*	*0.47342927*	*1.22421766*	*1.22359316*
Int SD	*178.59600000*	*5.55697000*	*142.99600000*	*1521.18000000*	*30523.5000000*	*3137.07000000*	*22.24370000*
RelInt Mean	0.00027143	0.00015532	0.00024602	---	---	---	0.00133754
RelInt RSD	*1.97620784*	*30.02568873*	*1.43683389*	---	---	---	*2.30629364*
RelInt SD	*0.00000536*	*0.00004664*	*0.00000353*	---	---	---	*0.00003085*
Conc Mean	<0.00014354[mg/l]	<-0.00050187[mg/l]	0.00344567[mg/l]	381541	6415700	253953	<-0.00044766[mg/l]
Conc RSD	*31.65172320*	*272.37332377*	*16.21397290*	---	---	---	*37.31056883*
Conc SD	*0.00004543[mg/l]*	*0.00136696[mg/l]*	*0.00055868[mg/l]*	*1555.68000000*	*30006.9000000*	*3112.44000000*	*0.00016702[mg/l]*

	Be_R 313.107	Li_R 670.780	Si 251.612	P 177.495	Cd 228.802	S 182.034	
Int Mean	221.02200000	2990.82000000	2153.88000000	25.65190000	2184.99000000	966.46900000	
Int RSD	*15.10781732*	*2.10582716*	*0.56914963*	*32.90976497*	*1.73033286*	*3.87231251*	
Int SD	*33.39160000*	*62.98150000*	*12.25880000*	*8.44198000*	*37.80760000*	*37.42470000*	
RelInt Mean	-0.00000653	-0.00002485	0.00061889	0.00003530	0.00045547	0.00011806	
RelInt RSD	*2574.28106581*	*626.30160135*	*8.81740932*	*27.95580079*	*15.78650045*	*25.25059929*	
RelInt SD	*0.00016819*	*0.00015566*	*0.00005457*	*0.00000987*	*0.00007190*	*0.00002981*	
Conc Mean	<0.00001755[mg/l]	<-0.00327770[mg/l]	<-0.00303253[mg/l]	<0.00800152[mg/l]	<0.00000915[mg/l]	<-0.01343590[mg/l]	
Conc RSD	*1498.02274696*	*74.38234128*	*27.16428197*	*35.71133985*	*3130.69553533*	*22.28283926*	
Conc SD	*0.00026290[mg/l]*	*0.00243803[mg/l]*	*0.00082376[mg/l]*	*0.00285745[mg/l]*	*0.00028659[mg/l]*	*0.00299390[mg/l]*	

ENTHALPY INTERFERENCE CHECK STANDARD A FOR 486134 METALS Wipe

EPA 6010B

Inst:	MET06			IDF:	1.0
Seqnum:	483220849014	File:	met06_master011	Time:	02-JUN-2023 09:32
Cal:	483220849001	Caldate:	02-JUN-2023		

Standards: S18280, S14463 (100X)

Analyte	Ch	Quant	IQL	Units	Flags
Lead	A	0.006391	0.003333	mg/l	!a+

Interferent	Ch	Spiked	Quant	Units	%Rec	Flags
Iron	A	160.0	152.0	mg/l	95	
Aluminum	R	400.0	396.2	mg/l	99	
Calcium	R	400.0	401.0	mg/l	100	
Magnesium	R	400.0	408.1	mg/l	102	

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	Abund	%Drift
Yttrium	H	7359370	5805840	-21.11
Yttrium	A	386874	337619	-12.73
Yttrium	R	287890	247457	-14.04

!=warning +=high bias a=ICSA

Method Name: Met06_Master011923 Method Autor: Operator

Sample Name: ICSA,S18280 | Sample Type: Control Sample

Measure Date: 2023-06-02 09:32:08 | Recalculation Date: | State: Checked | Quality: Drifted

	Ag 328.068	Al_R 396.152	As 189.042	B 249.677	Ba 230.424	Ca_R 317.933	Co 228.616
Int Mean	17171.6000000	459690	6502.28000000	4815.14000000	4281.49000000	2478710	3614.69000000
Int RSD	*1.22818491*	*0.32816246*	*0.72945029*	*1.25965185*	*0.58505333*	*0.29170657*	*0.58573764*
Int SD	*210.89900000*	*1508.53000000*	*47.43090000*	*60.65400000*	*25.04900000*	*7230.56000000*	*21.17260000*
RelInt Mean	-0.00016860	1.78099000	0.00007426	0.00191131	0.00214419	10.11140000	0.00060652
RelInt RSD	*27.69397753*	*0.75452978*	*163.42689095*	*9.34071396*	*4.55026374*	*0.96945922*	*11.47373541*
RelInt SD	*0.00004669*	*0.01343810*	*0.00012137*	*0.00017853*	*0.00009757*	*0.09802590*	*0.00006959*
Conc Mean	<-0.00938312[mg/l]	>396.15900000[mg/l]	<0.00300360[mg/l]	0.01281940[mg/l]	0.00519072[mg/l]	>400.96600000[mg/l]	0.00251673[mg/l]
Conc RSD	*22.87000486*	*0.75518416*	*146.13197496*	*13.05061079*	*7.05586123*	*0.96948619*	*19.55179936*
Conc SD	*0.00214592[mg/l]*	*2.99173000[mg/l]*	*0.00438922[mg/l]*	*0.00167301[mg/l]*	*0.00036625[mg/l]*	*3.88731000[mg/l]*	*0.00049207[mg/l]*

	Cr 267.716	Cu 324.754	Fe 259.941	K_R 769.896	Mg_R 383.230	Mn 257.611	Mo 202.095
Int Mean	3273.45000000	21372.2000000	13007400	46.58380000	577045	9965.83000000	10108.2000000
Int RSD	*0.76028960*	*1.20824716*	*0.44084521*	*157.92271133*	*0.20476913*	*3.24854026*	*0.17571872*
Int SD	*24.88770000*	*258.22900000*	*57342.5000000*	*73.56640000*	*1181.61000000*	*323.74400000*	*17.76200000*
RelInt Mean	-0.00189497	0.00071775	39.01160000	-0.00010004	2.33187000	0.01320230	-0.00054460
RelInt RSD	*3.95094381*	*1.95483683*	*0.41313353*	*285.89849959*	*0.55823867*	*8.19099702*	*21.40070033*
RelInt SD	*0.00007487*	*0.00001403*	*0.16117000*	*0.00028601*	*0.01301740*	*0.00108140*	*0.00011655*
Conc Mean	<-0.01626390[mg/l]	0.00488245[mg/l]	>152.02500000[mg/l]	<0.08303270[mg/l]	>408.12700000[mg/l]	0.00620841[mg/l]	<-0.00440054[mg/l]
Conc RSD	*3.65276471*	*4.74732972*	*0.41314060*	*383.66089504*	*0.55880155*	*11.14407715*	*16.86272594*
Conc SD	*0.00059408[mg/l]*	*0.00023179[mg/l]*	*0.62807700[mg/l]*	*0.31856400[mg/l]*	*2.28062000[mg/l]*	*0.00069187[mg/l]*	*0.00074205[mg/l]*

	Na_R 589.592	Ni 231.604	Pb 220.353	Sb 206.833	Se 196.090	Sn 189.991	Sr_R 407.771
Int Mean	3560.33000000	3565.30000000	7254.56000000	12068.7000000	8014.06000000	6603.43000000	6095.01000000
Int RSD	*3.76925734*	*0.45032396*	*0.44115425*	*1.10286112*	*0.91489582*	*0.32935459*	*2.63215319*
Int SD	*134.19800000*	*16.05540000*	*32.00380000*	*133.10100000*	*73.32030000*	*21.74870000*	*160.43000000*
RelInt Mean	0.00218503	-0.00029345	0.00108545	0.00124419	0.00056255	0.00037123	0.01669820
RelInt RSD	*31.62606463*	*15.33925365*	*4.79449076*	*29.55770421*	*37.03882123*	*16.13781399*	*2.69596723*
RelInt SD	*0.00069104*	*0.00004501*	*0.00005204*	*0.00036775*	*0.00020836*	*0.00005991*	*0.00045018*
Conc Mean	<0.05583410[mg/l]	<-0.00107624[mg/l]	0.00639062[mg/l]	0.04493000[mg/l]	0.02469070[mg/l]	0.00552038[mg/l]	0.00192159[mg/l]
Conc RSD	*105.54374477*	*51.93674273*	*29.78959788*	*36.38838193*	*44.60586375*	*18.17827758*	*17.74145369*
Conc SD	*0.05892940[mg/l]*	*0.00055896[mg/l]*	*0.00190374[mg/l]*	*0.01634930[mg/l]*	*0.01101350[mg/l]*	*0.00100351[mg/l]*	*0.00034092[mg/l]*

	Ti 334.941	Tl 190.864	V 292.464	Y 224.3_A	Y 371.0_A	Y_R 371.030	Zn 206.200
Int Mean	23631.6000000	6807.25000000	6586.66000000	337619	5805840	247457	12044.9000000
Int RSD	*0.75325835*	*0.06068868*	*2.14506290*	*0.34679624*	*0.59313209*	*0.68111227*	*0.48063745*
Int SD	*178.00700000*	*4.13123000*	*141.28800000*	*1170.85000000*	*34436.3000000*	*1685.46000000*	*57.89230000*
RelInt Mean	0.00039621	-0.00012812	0.00021370	---	---	---	0.00257118
RelInt RSD	*3.04722027*	*72.72884796*	*13.13950659*	---	---	---	*11.52342504*
RelInt SD	*0.00001207*	*0.00009318*	*0.00002808*	---	---	---	*0.00029629*
Conc Mean	0.00120034[mg/l]	<-0.00880847[mg/l]	<-0.00165932[mg/l]	333243	5762820	244830	0.00625068[mg/l]
Conc RSD	*8.51900295*	*31.05068190*	*267.38001109*	---	---	---	*25.70184364*
Conc SD	*0.00010226[mg/l]*	*0.00273509[mg/l]*	*0.00443669[mg/l]*	*1186.83000000*	*34052.4000000*	*1649.43000000*	*0.00160654[mg/l]*

	Be_R 313.107	Li_R 670.780	Si 251.612	P 177.495	Cd 228.802	S 182.034	
Int Mean	186.61100000	2779.37000000	4693.43000000	466.81900000	3767.60000000	4722.35000000	
Int RSD	*47.30021274*	*2.76235622*	*2.30407186*	*2.05965695*	*0.49356885*	*0.49878133*	
Int SD	*88.26740000*	*76.77610000*	*108.14000000*	*9.61487000*	*18.59570000*	*23.55420000*	
RelInt Mean	-0.00034611	0.00026072	0.00080393	0.00001914	-0.00111427	0.00078255	
RelInt RSD	*149.08063910*	*105.06401454*	*60.98327336*	*209.85310486*	*0.65967315*	*12.85622097*	
RelInt SD	*0.00051598*	*0.00027393*	*0.00049026*	*0.00004016*	*0.00000735*	*0.00010061*	
Conc Mean	<-0.00051323[mg/l]	<0.00119511[mg/l]	<-0.00010707[mg/l]	<0.00332059[mg/l]	<-0.00612913[mg/l]	0.05330050[mg/l]	
Conc RSD	*157.14486126*	*358.98954908*	*6987.48517367*	*350.13356060*	*0.69176049*	*18.95667020*	
Conc SD	*0.00080651[mg/l]*	*0.00429032[mg/l]*	*0.00748171[mg/l]*	*0.01162650[mg/l]*	*0.00004240[mg/l]*	*0.01010400[mg/l]*	

ENTHALPY INTERFERENCE CHECK STANDARD AB FOR 486134 METALS Wipe

EPA 6010B

Inst:	MET06			IDF:	1.0
Seqnum:	483220849015	File:	met06_master011	Time:	02-JUN-2023 09:35
Cal:	483220849001	Caldate:	02-JUN-2023		

Standards: S18281, S14463 (100X)

Analyte	Ch	Spiked	Quant	Units	%D	Max %D	Flags
Lead	A	1.000	1.053	mg/l	5	20	

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	Abund	%Drift
Yttrium	H	7359370	5811260	-21.04
Yttrium	A	386874	335765	-13.21
Yttrium	R	287890	244570	-15.05

Method Name: Met06_Master011923 Method Autor: Operator

Sample Name: ICSAB,S18281			Sample Type: Control Sample
Measure Date: 2023-06-02 09:35:24	Recalculation Date:	State: Checked	Quality: Drifted

	Ag 328.068	Al_R 396.152	As 189.042	B 249.677	Ba 230.424	Ca_R 317.933	Co 228.616
Int Mean	147346	450894	6452.26000000	4802.71000000	50943.0000000	2420260	27841.3000000
Int RSD	*1.83866545*	*1.05622386*	*0.87858518*	*1.12475665*	*0.53716507*	*0.67859651*	*0.72068115*
Int SD	*2709.20000000*	*4762.45000000*	*56.68860000*	*54.01880000*	*273.64800000*	*16423.8000000*	*200.64700000*
RelInt Mean	0.02211060	1.76658000	0.00012206	0.00207616	0.14282800	9.98729000	0.07332510
RelInt RSD	*1.61275587*	*1.29422387*	*225.92267927*	*14.26773466*	*0.85815806*	*0.62608676*	*1.18099805*
RelInt SD	*0.00035659*	*0.02286350*	*0.00027577*	*0.00029622*	*0.00122569*	*0.06252910*	*0.00086597*
Conc Mean	1.01454000[mg/l]	>392.95100000[mg/l]	<0.00427623[mg/l]	0.01436420[mg/l]	0.53036200[mg/l]	>396.04200000[mg/l]	0.51659200[mg/l]
Conc RSD	*1.61571747*	*1.29522256*	*233.14040639*	*19.32443157*	*0.86281446*	*0.62594119*	*1.18509772*
Conc SD	*0.01639210[mg/l]*	*5.08959000[mg/l]*	*0.00996962[mg/l]*	*0.00277580[mg/l]*	*0.00457604[mg/l]*	*2.47899000[mg/l]*	*0.00612212[mg/l]*

	Cr 267.716	Cu 324.754	Fe 259.941	K_R 769.896	Mg_R 383.230	Mn 257.611	Mo 202.095
Int Mean	24903.4000000	216705	12937600	57.91620000	567729	285361	10003.2000000
Int RSD	*0.26183854*	*2.05592395*	*0.32767592*	*149.21231020*	*0.82738243*	*0.21958432*	*0.35608705*
Int SD	*65.20670000*	*4455.29000000*	*42393.4000000*	*86.41810000*	*4697.29000000*	*626.60800000*	*35.62010000*
RelInt Mean	0.06316470	0.03431180	39.02100000	0.00002209	2.32070000	0.84422800	-0.00061654
RelInt RSD	*0.96560737*	*2.00664494*	*0.78943646*	*1404.11566597*	*0.46890593*	*0.30614834*	*19.08641479*
RelInt SD	*0.00060992*	*0.00068852*	*0.30804600*	*0.00031019*	*0.01088190*	*0.00258459*	*0.00011768*
Conc Mean	0.49995200[mg/l]	0.55982400[mg/l]	>152.06200000[mg/l]	<0.21906400[mg/l]	>406.17000000[mg/l]	0.53789300[mg/l]	<-0.00485857[mg/l]
Conc RSD	*0.96792892*	*2.03163851*	*0.78948061*	*157.71281452*	*0.46921240*	*0.30745334*	*15.42081312*
Conc SD	*0.00483918[mg/l]*	*0.01137360[mg/l]*	*1.20050000[mg/l]*	*0.34549200[mg/l]*	*1.90580000[mg/l]*	*0.00165377[mg/l]*	*0.00074923[mg/l]*

	Na_R 589.592	Ni 231.604	Pb 220.353	Sb 206.833	Se 196.090	Sn 189.991	Sr_R 407.771
Int Mean	3636.64000000	30683.3000000	16208.0000000	11859.1000000	7944.29000000	6519.80000000	5838.93000000
Int RSD	*3.41840270*	*0.44389945*	*0.67298248*	*0.86171801*	*0.86987383*	*1.03309764*	*2.14167664*
Int SD	*124.31500000*	*136.20300000*	*109.07700000*	*102.19200000*	*69.10530000*	*67.35590000*	*125.05100000*
RelInt Mean	0.00244250	0.08121350	0.02819750	0.00098284	0.00056735	0.00017835	0.01593100
RelInt RSD	*4.45461617*	*0.84015219*	*1.17793776*	*30.87198678*	*35.53960233*	*128.65208859*	*3.19776536*
RelInt SD	*0.00010880*	*0.00068232*	*0.00033215*	*0.00030342*	*0.00020164*	*0.00022945*	*0.00050944*
Conc Mean	0.07779050[mg/l]	1.01106000[mg/l]	1.05338000[mg/l]	0.03028370[mg/l]	0.02494440[mg/l]	<0.00228954[mg/l]	<0.00134064[mg/l]
Conc RSD	*11.92785751*	*0.83793346*	*1.25395394*	*44.63226092*	*42.72662401*	*167.87214899*	*28.77804631*
Conc SD	*0.00927874[mg/l]*	*0.00847201[mg/l]*	*0.01320890[mg/l]*	*0.01351630[mg/l]*	*0.01065790[mg/l]*	*0.00384350[mg/l]*	*0.00038581[mg/l]*

	Ti 334.941	Tl 190.864	V 292.464	Y 224.3_A	Y 371.0_A	Y_R 371.030	Zn 206.200
Int Mean	23586.2000000	6848.57000000	25451.7000000	335765	5811260	244570	73342.3000000
Int RSD	*1.25438604*	*0.25830648*	*2.14518087*	*0.50271470*	*0.80462585*	*1.15984381*	*0.41627001*
Int SD	*295.86200000*	*17.69030000*	*545.98500000*	*1687.94000000*	*46758.9000000*	*2836.63000000*	*305.30200000*
RelInt Mean	0.00038842	0.00005084	0.00346709	---	---	---	0.18795900
RelInt RSD	*3.42599911*	*115.13961305*	*1.83310211*	---	---	---	*0.31048952*
RelInt SD	*0.00001331*	*0.00005854*	*0.00006356*	---	---	---	*0.00058359*
Conc Mean	0.00113440[mg/l]	<-0.00355634[mg/l]	0.51237200[mg/l]	331383	5768350	242027	1.01139000[mg/l]
Conc RSD	*9.93564880*	*48.28025442*	*1.95974800*	---	---	---	*0.31287041*
Conc SD	*0.00011271[mg/l]*	*0.00171701[mg/l]*	*0.01004120[mg/l]*	*1699.44000000*	*46915.4000000*	*2908.84000000*	*0.00316434[mg/l]*

	Be_R 313.107	Li_R 670.780	Si 251.612	P 177.495	Cd 228.802	S 182.034	
Int Mean	81483.4000000	2675.09000000	4744.40000000	516.06400000	92384.8000000	4606.96000000	
Int RSD	*0.63682787*	*6.92683237*	*1.43549448*	*2.27361335*	*0.26985067*	*0.77426763*	
Int SD	*518.90900000*	*185.29900000*	*68.10560000*	*11.73330000*	*249.30100000*	*35.67020000*	
RelInt Mean	0.33546100	-0.00011596	0.00106527	0.00018223	0.26561700	0.00053237	
RelInt RSD	*1.23655507*	*376.47611738*	*22.18376562*	*21.08483189*	*0.64541426*	*23.66596039*	
RelInt SD	*0.00414816*	*0.00043657*	*0.00023632*	*0.00003842*	*0.00171433*	*0.00012599*	
Conc Mean	0.52437500[mg/l]	<-0.00470467[mg/l]	<0.00388996[mg/l]	0.05054030[mg/l]	1.03441000[mg/l]	<0.02817390[mg/l]	
Conc RSD	*1.23658832*	*145.34005573*	*92.34850744*	*22.01075182*	*0.64489806*	*44.91142511*	
Conc SD	*0.00648436[mg/l]*	*0.00683777[mg/l]*	*0.00359232[mg/l]*	*0.01112430[mg/l]*	*0.00667089[mg/l]*	*0.01265330[mg/l]*	

ENTHALPY CONTINUING CALIBRATION FOR 486134 METALS Wipe

EPA 6010B

Inst:	MET06			IDF:	1.0
Seqnum:	483220849177	File:	met06_master011	Time:	02-JUN-2023 19:06
Cal:	483220849001	Caldate:	02-JUN-2023		

Standards: S18436, S14463 (100X)

Analyte	Ch	Avg RF/CF	RF/CF	Spiked	Quant	Units	%D	Max %D	Flags
Lead	A	0.0223	0.0267	1.000	1.036	mg/l	4	10	

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	Abund	%Drift
Yttrium	H	7359370	7169370	-2.58
Yttrium	A	386874	425362	9.95
Yttrium	R	287890	274311	-4.72

Method Name: Met06_Master011923 Method Autor: Operator

Sample Name: CCV,S18436			Sample Type: Control Sample
Measure Date: 2023-06-02 19:06:38	Recalculation Date:	State: Check failed	Quality: Failed

	Ag 328.068	Al_R 396.152	As 189.042	B 249.677	Ba 230.424	Ca_R 317.933	Co 228.616
Int Mean	90831.6000000	6825.95000000	13144.9000000	45063.8000000	119189	367355	65311.0000000
Int RSD	*2.16790192*	*1.67264630*	*0.97575486*	*0.52712377*	*0.60654591*	*0.70028719*	*0.70400545*
Int SD	*1969.14000000*	*114.17400000*	*128.26200000*	*237.54200000*	*722.93600000*	*2572.54000000*	*459.79300000*
RelInt Mean	0.01016250	0.00463870	0.02755710	0.10059500	0.27553700	1.35090000	0.14771000
RelInt RSD	*3.81928659*	*7.15553927*	*0.99736184*	*0.65979621*	*0.53313711*	*0.29977422*	*0.65938934*
RelInt SD	*0.00038814*	*0.00033192*	*0.00027484*	*0.00066372*	*0.00146899*	*0.00404965*	*0.00097398*
Conc Mean	0.46542400[mg/l]	0.71964000[mg/l]	0.99602200[mg/l]	0.93756300[mg/l]	1.02206000[mg/l]	53.51820000[mg/l]	1.04073000[mg/l]
Conc RSD	*3.83284919*	*10.26784225*	*0.99810948*	*0.66352661*	*0.53693912*	*0.30014836*	*0.66164135*
Conc SD	*0.01783900[mg/l]*	*0.07389150[mg/l]*	*0.00994139[mg/l]*	*0.00622098[mg/l]*	*0.00548784[mg/l]*	*0.16063400[mg/l]*	*0.00688590[mg/l]*

	Cr 267.716	Cu 324.754	Fe 259.941	K_R 769.896	Mg_R 383.230	Mn 257.611	Mo 202.095
Int Mean	55041.8000000	420556	114133	14097.6000000	88602.6000000	670053	68539.7000000
Int RSD	*0.20026235*	*1.81026784*	*0.42221005*	*1.29854018*	*0.32694074*	*0.22561797*	*0.13705575*
Int SD	*110.22800000*	*7613.19000000*	*481.88100000*	*183.06300000*	*289.67800000*	*1511.76000000*	*93.93760000*
RelInt Mean	0.12403400	0.05620260	0.26337100	0.05101180	0.31314900	1.58114000	0.15811300
RelInt RSD	*0.33983585*	*2.98692587*	*0.32636965*	*1.38246445*	*0.37907833*	*0.13542887*	*0.16744354*
RelInt SD	*0.00042151*	*0.00167873*	*0.00085956*	*0.00070522*	*0.00118708*	*0.00214132*	*0.00026475*
Conc Mean	0.98291700[mg/l]	0.92143800[mg/l]	1.02128000[mg/l]	57.01240000[mg/l]	54.53410000[mg/l]	1.00937000[mg/l]	1.00576000[mg/l]
Conc RSD	*0.34016809*	*3.00954595*	*0.32821264*	*1.37782307*	*0.38129904*	*0.13580550*	*0.16780942*
Conc SD	*0.00334357[mg/l]*	*0.02773110[mg/l]*	*0.00335197[mg/l]*	*0.78553000[mg/l]*	*0.20793800[mg/l]*	*0.00137078[mg/l]*	*0.00168776[mg/l]*

	Na_R 589.592	Ni 231.604	Pb 220.353	Sb 206.833	Se 196.090	Sn 189.991	Sr_R 407.771
Int Mean	156318	37948.6000000	14140.2000000	11333.5000000	9749.72000000	129319	385816
Int RSD	*0.18279725*	*1.01645647*	*0.28378170*	*0.64948163*	*0.28128295*	*0.22417742*	*0.58916167*
Int SD	*285.74500000*	*385.73100000*	*40.12730000*	*73.60900000*	*27.42430000*	*289.90400000*	*2273.08000000*
RelInt Mean	0.55761800	0.08256340	0.02670280	0.02219910	0.01975320	0.30314500	1.41164000
RelInt RSD	*0.30134967*	*1.02447816*	*0.55836092*	*0.61445734*	*0.19818561*	*0.16601362*	*0.15342368*
RelInt SD	*0.00168038*	*0.00084584*	*0.00014910*	*0.00013640*	*0.00003915*	*0.00050326*	*0.00216579*
Conc Mean	47.42160000[mg/l]	1.02782000[mg/l]	1.03617000[mg/l]	0.97059100[mg/l]	1.03906000[mg/l]	5.07725000[mg/l]	1.05832000[mg/l]
Conc RSD	*0.30217875*	*1.02171586*	*0.55540211*	*0.62676761*	*0.19925895*	*0.16589650*	*0.15494368*
Conc SD	*0.14329800[mg/l]*	*0.01050140[mg/l]*	*0.00575491[mg/l]*	*0.00608335[mg/l]*	*0.00207042[mg/l]*	*0.00842298[mg/l]*	*0.00163980[mg/l]*

	Ti 334.941	Tl 190.864	V 292.464	Y 224.3_A	Y 371.0_A	Y_R 371.030	Zn 206.200
Int Mean	867602	16543.7000000	51408.4000000	425362	7169370	274311	88217.6000000
Int RSD	*1.30238289*	*0.32746604*	*0.82766435*	*0.11912183*	*1.08455136*	*0.51110236*	*0.55558981*
Int SD	*11299.5000000*	*54.17500000*	*425.48900000*	*506.69900000*	*77755.5000000*	*1402.01000000*	*490.12800000*
RelInt Mean	0.11826700	0.03562730	0.00667528	---	---	---	0.20432700
RelInt RSD	*2.40214092*	*0.21130678*	*1.96126604*	---	---	---	*0.49128603*
RelInt SD	*0.00284094*	*0.00007528*	*0.00013092*	---	---	---	*0.00100383*
Conc Mean	0.99953200[mg/l]	1.03504000[mg/l]	1.01886000[mg/l]	421791	7132560	271449	1.09991000[mg/l]
Conc RSD	*2.40718656*	*0.21885338*	*2.03027894*	---	---	---	*0.49522961*
Conc SD	*0.02406060[mg/l]*	*0.00226522[mg/l]*	*0.02068570[mg/l]*	*497.59900000*	*77615.6000000*	*1387.15000000*	*0.00544708[mg/l]*

	Be_R 313.107	Li_R 670.780	Si 251.612	P 177.495	Cd 228.802	S 182.034	
Int Mean	171983	21245.0000000	144489	6543.78000000	107785	22931.7000000	
Int RSD	*0.90964223*	*1.19257237*	*0.54284271*	*0.63599479*	*0.51975228*	*0.28563299*	
Int SD	*1564.43000000*	*253.36200000*	*784.34800000*	*41.61810000*	*560.21500000*	*65.50050000*	
RelInt Mean	0.63153900	0.06363250	0.33483500	0.01542520	0.24804900	0.05113000	
RelInt RSD	*0.53053889*	*1.45984206*	*0.47611211*	*0.64346200*	*0.41126955*	*0.22011735*	
RelInt SD	*0.00335056*	*0.00092893*	*0.00159419*	*0.00009926*	*0.00102015*	*0.00011255*	
Conc Mean	0.98716200[mg/l]	0.99375000[mg/l]	5.07282000[mg/l]	4.46372000[mg/l]	0.96226800[mg/l]	5.10977000[mg/l]	
Conc RSD	*0.53052083*	*1.46392956*	*0.48011560*	*0.64408386*	*0.41234666*	*0.22118217*	
Conc SD	*0.00523710[mg/l]*	*0.01454780[mg/l]*	*0.02435540[mg/l]*	*0.02875010[mg/l]*	*0.00396788[mg/l]*	*0.01130190[mg/l]*	

ENTHALPY INSTRUMENT BLANK FOR 486134 METALS Wipe

EPA 6010B

Inst:	MET06			IDF:	1.0
Seqnum:	483220849178	File:	met06_master011	Time:	02-JUN-2023 19:09
Cal:	483220849001	Caldate:	02-JUN-2023		

Analyte	Ch	Quant	IQL	LOD	Units	Flags
Lead	A	ND	0.003333	---	mg/l	

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	Abund	%Drift
Yttrium	H	7359370	7340020	-0.26
Yttrium	A	386874	432432	11.78
Yttrium	R	287890	275880	-4.17

Method Name: Met06_Master011923 Method Autor: Operator

Sample Name: CCB,1			Sample Type: Control Sample
Measure Date: 2023-06-02 19:09:52	Recalculation Date:	State: Checked	Quality:

	Ag 328.068	Al_R 396.152	As 189.042	B 249.677	Ba 230.424	Ca_R 317.933	Co 228.616
Int Mean	16332.3000000	2499.77000000	1174.18000000	2443.35000000	2688.26000000	725.79600000	2342.14000000
Int RSD	*2.19248361*	*5.96854911*	*2.61423291*	*0.34017353*	*1.78391971*	*9.89621051*	*1.38380285*
Int SD	*358.08300000*	*149.20000000*	*30.69580000*	*8.31163000*	*47.95640000*	*71.82630000*	*32.41060000*
RelInt Mean	0.00002912	0.00096059	-0.00006513	0.00071183	0.00064046	0.00147424	0.00012899
RelInt RSD	*64.04286440*	*26.27479476*	*37.79723157*	*7.59641712*	*9.67179737*	*20.38501194*	*49.80192570*
RelInt SD	*0.00001865*	*0.00025239*	*0.00002462*	*0.00005407*	*0.00006194*	*0.00030052*	*0.00006424*
Conc Mean	<-0.00029588[mg/l]	<-0.09915440[mg/l]	<-0.00205157[mg/l]	0.00157937[mg/l]	<-0.00043840[mg/l]	<-0.00071479[mg/l]	<-0.00085838[mg/l]
Conc RSD	*289.71654336*	*56.66526145*	*43.41445820*	*32.08304577*	*52.63381197*	*1667.46876705*	*52.89167813*
Conc SD	*0.00085722[mg/l]*	*0.05618610[mg/l]*	*0.00089068[mg/l]*	*0.00050671[mg/l]*	*0.00023074[mg/l]*	*0.01191890[mg/l]*	*0.00045401[mg/l]*

	Cr 267.716	Cu 324.754	Fe 259.941	K_R 769.896	Mg_R 383.230	Mn 257.611	Mo 202.095
Int Mean	2091.96000000	18041.1000000	2949.32000000	156.79400000	3405.96000000	3355.77000000	1543.88000000
Int RSD	*2.88731620*	*0.98414731*	*1.20226018*	*18.61984515*	*3.08814549*	*0.37605974*	*0.90413763*
Int SD	*60.40150000*	*177.55100000*	*35.45850000*	*29.19480000*	*105.18100000*	*12.61970000*	*13.95880000*
RelInt Mean	0.00008750	0.00038588	0.00112618	-0.00000943	0.00151002	0.00230513	0.00012980
RelInt RSD	*118.32694457*	*3.85660939*	*12.44037365*	*1789.35502583*	*27.50930451*	*2.94899637*	*77.13891692*
RelInt SD	*0.00010353*	*0.00001488*	*0.00014010*	*0.00016874*	*0.00041540*	*0.00006798*	*0.00010012*
Conc Mean	<-0.00053397[mg/l]	<-0.00059970[mg/l]	<-0.00070225[mg/l]	<0.18395500[mg/l]	<-0.05139080[mg/l]	<-0.00076355[mg/l]	<-0.00010672[mg/l]
Conc RSD	*153.84396414*	*40.99259464*	*77.74576969*	*102.16737789*	*141.58098337*	*5.69602515*	*597.33883058*
Conc SD	*0.00082148[mg/l]*	*0.00024583[mg/l]*	*0.00054597[mg/l]*	*0.18794200[mg/l]*	*0.07275960[mg/l]*	*0.00004349[mg/l]*	*0.00063748[mg/l]*

	Na_R 589.592	Ni 231.604	Pb 220.353	Sb 206.833	Se 196.090	Sn 189.991	Sr_R 407.771
Int Mean	5209.59000000	2359.00000000	2363.97000000	1685.87000000	1154.33000000	1239.05000000	4747.20000000
Int RSD	*1.88576644*	*2.21137346*	*1.41074548*	*1.46426474*	*1.88264188*	*2.36174489*	*1.37913086*
Int SD	*98.24070000*	*52.16630000*	*33.34960000*	*24.68560000*	*21.73190000*	*29.26320000*	*65.47010000*
RelInt Mean	0.00481764	-0.00016773	-0.00012430	0.00020626	0.00005805	0.00026234	0.00957135
RelInt RSD	*4.98760804*	*70.80879021*	*80.06983274*	*22.06613173*	*92.82686030*	*34.81668687*	*2.35275066*
RelInt SD	*0.00024028*	*0.00011877*	*0.00009952*	*0.00004551*	*0.00005388*	*0.00009134*	*0.00022519*
Conc Mean	0.28033600[mg/l]	<0.00048492[mg/l]	<0.00056976[mg/l]	<-0.00130219[mg/l]	<-0.00197606[mg/l]	<0.00369642[mg/l]	<-0.00347559[mg/l]
Conc RSD	*7.30944295*	*304.14088922*	*673.71872164*	*155.17627996*	*144.13479348*	*41.39085926*	*4.90670649*
Conc SD	*0.02049100[mg/l]*	*0.00147484[mg/l]*	*0.00383860[mg/l]*	*0.00202069[mg/l]*	*0.00284819[mg/l]*	*0.00152998[mg/l]*	*0.00017054[mg/l]*

	Ti 334.941	Tl 190.864	V 292.464	Y 224.3_A	Y 371.0_A	Y_R 371.030	Zn 206.200
Int Mean	20915.8000000	1190.59000000	4336.30000000	432432	7340020	275880	1939.85000000
Int RSD	*0.92826476*	*1.40470691*	*1.42379448*	*0.14158110*	*1.00674249*	*0.72075540*	*1.73999536*
Int SD	*194.15400000*	*16.72430000*	*61.74000000*	*612.24200000*	*73895.1000000*	*1988.42000000*	*33.75330000*
RelInt Mean	0.00034730	0.00008551	0.00020400	---	---	---	0.00088726
RelInt RSD	*3.62201664*	*44.92991925*	*9.73573918*	---	---	---	*5.76432586*
RelInt SD	*0.00001258*	*0.00003842*	*0.00001986*	---	---	---	*0.00005114*
Conc Mean	0.00078613[mg/l]	<-0.00255105[mg/l]	<-0.00319257[mg/l]	429281	7304970	273106	<-0.00288952[mg/l]
Conc RSD	*13.55267928*	*44.14966386*	*98.29698331*	---	---	---	*9.60069493*
Conc SD	*0.00010654[mg/l]*	*0.00112628[mg/l]*	*0.00313820[mg/l]*	*623.43600000*	*73730.8000000*	*1982.04000000*	*0.00027741[mg/l]*

	Be_R 313.107	Li_R 670.780	Si 251.612	P 177.495	Cd 228.802	S 182.034	
Int Mean	301.49100000	3677.88000000	2580.15000000	25.77330000	2527.39000000	1084.80000000	
Int RSD	*11.82635634*	*2.07533960*	*0.50601322*	*5.74621799*	*0.94686218*	*0.62500553*	
Int SD	*35.65540000*	*76.32850000*	*13.05590000*	*1.48099000*	*23.93090000*	*6.78006000*	
RelInt Mean	-0.00000646	0.00025161	0.00069752	0.00001876	0.00036486	0.00014715	
RelInt RSD	*3553.52962384*	*106.61926602*	*11.71992694*	*63.77483832*	*10.14975730*	*17.75033809*	
RelInt SD	*0.00022966*	*0.00026827*	*0.00008175*	*0.00001196*	*0.00003703*	*0.00002612*	
Conc Mean	<0.00001766[mg/l]	<0.00105246[mg/l]	<-0.00182697[mg/l]	<0.00321064[mg/l]	<-0.00034054[mg/l]	<-0.01051390[mg/l]	
Conc RSD	*2032.60346419*	*399.23037455*	*67.72908148*	*107.86665587*	*41.47099934*	*24.95001855*	
Conc SD	*0.00035897[mg/l]*	*0.00420174[mg/l]*	*0.00123739[mg/l]*	*0.00346321[mg/l]*	*0.00014123[mg/l]*	*0.00262322[mg/l]*	

ENTHALPY CONTINUING CALIBRATION FOR 486134 METALS Wipe

EPA 6010B

Inst:	MET06			IDF:	1.0
Seqnum:	483220849189	File:	met06_master011	Time:	02-JUN-2023 19:45
Cal:	483220849001	Caldate:	02-JUN-2023		

Standards: S18436, S14463 (100X)

Analyte	Ch	Avg RF/CF	RF/CF	Spiked	Quant	Units	%D	Max %D	Flags
Lead	A	0.0223	0.0268	1.000	1.038	mg/l	4	10	

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	Abund	%Drift
Yttrium	H	7359370	6928880	-5.85
Yttrium	A	386874	414442	7.13
Yttrium	R	287890	266537	-7.42

Method Name: Met06_Master011923 Method Autor: Operator

Sample Name: CCV,S18436			Sample Type: Control Sample
Measure Date: 2023-06-02 19:45:40	Recalculation Date:	State: Check failed	Quality: Failed

	Ag 328.068	Al_R 396.152	As 189.042	B 249.677	Ba 230.424	Ca_R 317.933	Co 228.616
Int Mean	88527.0000000	6956.30000000	12867.8000000	44633.4000000	116356	362450	64091.1000000
Int RSD	*2.62954805*	*0.50965168*	*0.57631452*	*0.46183800*	*0.20388721*	*0.79533729*	*0.53939939*
Int SD	*2327.86000000*	*35.45290000*	*74.15900000*	*206.13400000*	*237.23500000*	*2882.70000000*	*345.70700000*
RelInt Mean	0.01023190	0.00517152	0.02762560	0.10222300	0.27595600	1.37235000	0.14873800
RelInt RSD	*3.20971667*	*5.57269429*	*0.66545523*	*0.36923099*	*0.20063452*	*0.17438409*	*0.70568382*
RelInt SD	*0.00032842*	*0.00028819*	*0.00018384*	*0.00037744*	*0.00055366*	*0.00239316*	*0.00104962*
Conc Mean	0.46860800[mg/l]	0.83825400[mg/l]	0.99848800[mg/l]	0.95280800[mg/l]	1.02362000[mg/l]	54.36900000[mg/l]	1.04799000[mg/l]
Conc RSD	*3.22077301*	*7.65350359*	*0.66632148*	*0.37110939*	*0.20354331*	*0.17468907*	*0.71077014*
Conc SD	*0.01509280[mg/l]*	*0.06415580[mg/l]*	*0.00665314[mg/l]*	*0.00353596[mg/l]*	*0.00208351[mg/l]*	*0.09497670[mg/l]*	*0.00744880[mg/l]*

	Cr 267.716	Cu 324.754	Fe 259.941	K_R 769.896	Mg_R 383.230	Mn 257.611	Mo 202.095
Int Mean	54270.2000000	412088	112185	13760.6000000	87039.7000000	658436	66767.1000000
Int RSD	*0.75513634*	*2.20582012*	*0.44709899*	*0.46428571*	*0.38400523*	*0.15454046*	*0.49441866*
Int SD	*409.81400000*	*9089.92000000*	*501.57800000*	*63.88850000*	*334.23700000*	*1017.55000000*	*330.10900000*
RelInt Mean	0.12539600	0.05691590	0.26561400	0.05113570	0.31619700	1.59487000	0.15800000
RelInt RSD	*0.83300903*	*2.04767033*	*0.40503889*	*0.35910137*	*1.15341069*	*0.26136927*	*0.44791772*
RelInt SD	*0.00104456*	*0.00116545*	*0.00107584*	*0.00018363*	*0.00364705*	*0.00416850*	*0.00070771*
Conc Mean	0.99372400[mg/l]	0.93322000[mg/l]	1.03002000[mg/l]	57.15040000[mg/l]	55.06800000[mg/l]	1.01814000[mg/l]	1.00504000[mg/l]
Conc RSD	*0.83388043*	*2.06293264*	*0.40685326*	*0.35788551*	*1.15994952*	*0.26177736*	*0.44795630*
Conc SD	*0.00828647[mg/l]*	*0.01925170[mg/l]*	*0.00419067[mg/l]*	*0.20453300[mg/l]*	*0.63876100[mg/l]*	*0.00266526[mg/l]*	*0.00450214[mg/l]*

	Na_R 589.592	Ni 231.604	Pb 220.353	Sb 206.833	Se 196.090	Sn 189.991	Sr_R 407.771
Int Mean	159141	36681.3000000	13876.3000000	11204.3000000	9560.28000000	127269	374690
Int RSD	*1.54258174*	*0.22551818*	*0.68134950*	*0.72959043*	*1.05499002*	*0.23230637*	*0.83972884*
Int SD	*2454.88000000*	*82.72300000*	*94.54610000*	*81.74550000*	*100.86000000*	*295.65400000*	*3146.38000000*
RelInt Mean	0.58463800	0.08176960	0.02675710	0.02246870	0.01982650	0.30622200	1.41136000
RelInt RSD	*1.13888252*	*0.28658817*	*0.67171330*	*1.06076898*	*1.23491791*	*0.21705070*	*0.24154362*
RelInt SD	*0.00665834*	*0.00023434*	*0.00017973*	*0.00023834*	*0.00024484*	*0.00066466*	*0.00340905*
Conc Mean	49.72570000[mg/l]	1.01796000[mg/l]	1.03825000[mg/l]	0.98251200[mg/l]	1.04293000[mg/l]	5.12879000[mg/l]	1.05811000[mg/l]
Conc RSD	*1.14183008*	*0.28605446*	*0.66786034*	*1.08172725*	*1.24115712*	*0.21707849*	*0.24449537*
Conc SD	*0.56778300[mg/l]*	*0.00291192[mg/l]*	*0.00693406[mg/l]*	*0.01062810[mg/l]*	*0.01294440[mg/l]*	*0.01113350[mg/l]*	*0.00258703[mg/l]*

	Ti 334.941	Tl 190.864	V 292.464	Y 224.3_A	Y 371.0_A	Y_R 371.030	Zn 206.200
Int Mean	845177	16564.4000000	50342.7000000	414442	6928880	266537	86623.4000000
Int RSD	*2.07250079*	*0.14895016*	*1.51633901*	*0.13099565*	*0.84813130*	*0.71592312*	*0.11131057*
Int SD	*17516.3000000*	*24.67270000*	*763.36600000*	*542.90100000*	*58766.0000000*	*1908.20000000*	*96.42100000*
RelInt Mean	0.11912700	0.03663400	0.00677449	---	---	---	0.20586100
RelInt RSD	*1.88896724*	*0.02838401*	*1.80596621*	---	---	---	*0.05100626*
RelInt SD	*0.00225027*	*0.00001040*	*0.00012234*	---	---	---	*0.00010500*
Conc Mean	1.00682000[mg/l]	1.06456000[mg/l]	1.03454000[mg/l]	410901	6892540	263606	1.10822000[mg/l]
Conc RSD	*1.89274150*	*0.02610553*	*1.86830862*	---	---	---	*0.05098861*
Conc SD	*0.01905650[mg/l]*	*0.00027791[mg/l]*	*0.01932840[mg/l]*	*558.79600000*	*59180.9000000*	*1898.51000000*	*0.00056507[mg/l]*

	Be_R 313.107	Li_R 670.780	Si 251.612	P 177.495	Cd 228.802	S 182.034	
Int Mean	170647	20900.8000000	142872	6441.94000000	104921	22251.3000000	
Int RSD	*1.37703563*	*1.56179668*	*0.15397279*	*1.17615035*	*0.28156899*	*0.66850476*	
Int SD	*2349.87000000*	*326.42800000*	*219.98400000*	*75.76690000*	*295.42500000*	*148.75100000*	
RelInt Mean	0.64520300	0.06413660	0.33984500	0.01559040	0.24761400	0.05083720	
RelInt RSD	*0.68215740*	*2.18614644*	*0.17422737*	*1.23526016*	*0.42101820*	*0.68654450*	
RelInt SD	*0.00440130*	*0.00140212*	*0.00059210*	*0.00019258*	*0.00104250*	*0.00034902*	
Conc Mean	1.00852000[mg/l]	1.00165000[mg/l]	5.14926000[mg/l]	4.51157000[mg/l]	0.96056000[mg/l]	5.08036000[mg/l]	
Conc RSD	*0.68231865*	*2.19250237*	*0.17547628*	*1.23574498*	*0.42162384*	*0.68997866*	
Conc SD	*0.00688132[mg/l]*	*0.02196120[mg/l]*	*0.00903573[mg/l]*	*0.05575150[mg/l]*	*0.00404995[mg/l]*	*0.03505340[mg/l]*	

ENTHALPY INSTRUMENT BLANK FOR 486134 METALS Wipe

EPA 6010B

Inst:	MET06			IDF:	1.0
Seqnum:	483220849190	File:	met06_master011	Time:	02-JUN-2023 19:48
Cal:	483220849001	Caldate:	02-JUN-2023		

Analyte	Ch	Quant	IQL	LOD	Units	Flags
Lead	A	[0.002160]	0.003333	---	mg/l	!CCB

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	Abund	%Drift
Yttrium	H	7359370	7091790	-3.64
Yttrium	A	386874	422758	9.28
Yttrium	R	287890	270846	-5.92

!=warning CCB=instrument blank

Method Name: Met06_Master011923 Method Autor: Operator

Sample Name: CCB,1 | Sample Type: Control Sample

Measure Date: 2023-06-02 19:48:54 | Recalculation Date: | State: Checked | Quality:

	Ag 328.068	Al_R 396.152	As 189.042	B 249.677	Ba 230.424	Ca_R 317.933	Co 228.616
Int Mean	16478.8000000	2768.30000000	1174.60000000	2508.00000000	2681.41000000	725.72000000	2336.79000000
Int RSD	*1.25833192*	*4.49102337*	*2.13696578*	*1.11716906*	*0.22470902*	*17.88981977*	*0.65269451*
Int SD	*207.35800000*	*124.32500000*	*25.10080000*	*28.01860000*	*6.02537000*	*129.83000000*	*15.25210000*
RelInt Mean	0.00004446	0.00152467	-0.00005160	0.00086701	0.00062567	0.00162532	0.00011260
RelInt RSD	*56.65332104*	*24.65517128*	*147.43242117*	*10.36256874*	*2.37220981*	*39.55461078*	*44.79791835*
RelInt SD	*0.00002519*	*0.00037591*	*0.00007607*	*0.00008984*	*0.00001484*	*0.00064289*	*0.00005044*
Conc Mean	<0.00040888[mg/l]	<0.02641700[mg/l]	<-0.00156179[mg/l]	0.00303352[mg/l]	<-0.00049415[mg/l]	<0.00527693[mg/l]	<-0.00097450[mg/l]
Conc RSD	*283.11134373*	*316.77518265*	*176.12931316*	*27.75353385*	*11.52897512*	*483.18814159*	*36.54934484*
Conc SD	*0.00115758[mg/l]*	*0.08368250[mg/l]*	*0.00275077[mg/l]*	*0.00084191[mg/l]*	*0.00005697[mg/l]*	*0.02549750[mg/l]*	*0.00035617[mg/l]*

	Cr 267.716	Cu 324.754	Fe 259.941	K_R 769.896	Mg_R 383.230	Mn 257.611	Mo 202.095
Int Mean	2110.46000000	18333.1000000	2992.81000000	125.41400000	3469.83000000	3344.52000000	1550.28000000
Int RSD	*1.27389763*	*0.74148944*	*0.70139100*	*60.84647647*	*1.91110227*	*0.82264122*	*1.59788554*
Int SD	*26.88510000*	*135.93800000*	*20.99130000*	*76.31000000*	*66.31200000*	*27.51340000*	*24.77170000*
RelInt Mean	0.00006678	0.00043320	0.00119017	-0.00010332	0.00151925	0.00232260	0.00015403
RelInt RSD	*45.03349835*	*6.27220410*	*4.79116429*	*71.24728997*	*14.47641929*	*4.26253767*	*47.33721127*
RelInt SD	*0.00003007*	*0.00002717*	*0.00005702*	*0.00007361*	*0.00021993*	*0.00009900*	*0.00007292*
Conc Mean	<-0.00069835[mg/l]	<0.00018187[mg/l]	<-0.00045288[mg/l]	<0.07937790[mg/l]	<-0.04977320[mg/l]	<-0.00075237[mg/l]	<0.00004759[mg/l]
Conc RSD	*34.16825015*	*246.79221422*	*49.07050638*	*103.29260411*	*77.39606857*	*8.41899597*	*975.46661960*
Conc SD	*0.00023862[mg/l]*	*0.00044884[mg/l]*	*0.00022223[mg/l]*	*0.08199150[mg/l]*	*0.03852250[mg/l]*	*0.00006334[mg/l]*	*0.00046425[mg/l]*

	Na_R 589.592	Ni 231.604	Pb 220.353	Sb 206.833	Se 196.090	Sn 189.991	Sr_R 407.771
Int Mean	4759.54000000	2344.80000000	2393.28000000	1664.76000000	1195.70000000	1242.24000000	4748.36000000
Int RSD	*1.62816155*	*1.17340072*	*0.66460673*	*2.25078089*	*3.78206908*	*1.73437500*	*2.29310752*
Int SD	*77.49300000*	*27.51390000*	*15.90590000*	*37.47010000*	*45.22220000*	*21.54510000*	*108.88500000*
RelInt Mean	0.00278566	-0.00027600	-0.00008283	0.00016638	0.00012727	0.00029379	0.00956328
RelInt RSD	*8.59878808*	*32.87688902*	*63.16433170*	*51.90306469*	*41.51424194*	*16.84818903*	*6.22255126*
RelInt SD	*0.00023953*	*0.00009074*	*0.00005232*	*0.00008636*	*0.00005283*	*0.00004950*	*0.00059508*
Conc Mean	0.10705400[mg/l]	<-0.00085956[mg/l]	<0.00216007[mg/l]	<-0.00307386[mg/l]	<0.00168253[mg/l]	0.00422331[mg/l]	<-0.00348170[mg/l]
Conc RSD	*19.08037065*	*131.09002027*	*93.51687677*	*124.91850637*	*165.97623817*	*19.63249205*	*12.94344717*
Conc SD	*0.02042630[mg/l]*	*0.00112680[mg/l]*	*0.00202003[mg/l]*	*0.00383982[mg/l]*	*0.00279260[mg/l]*	*0.00082914[mg/l]*	*0.00045065[mg/l]*

	Ti 334.941	Tl 190.864	V 292.464	Y 224.3_A	Y 371.0_A	Y_R 371.030	Zn 206.200
Int Mean	20965.2000000	1202.14000000	4290.53000000	422758	7091790	270846	1944.21000000
Int RSD	*1.38534810*	*0.94103016*	*1.47894782*	*0.86237043*	*0.64778286*	*1.21074707*	*1.46926001*
Int SD	*290.44100000*	*11.31250000*	*63.45470000*	*3645.74000000*	*45939.4000000*	*3279.26000000*	*28.56550000*
RelInt Mean	0.00036535	0.00008074	0.00020255	---	---	---	0.00089180
RelInt RSD	*11.31312081*	*51.32945357*	*6.98543097*	---	---	---	*8.96635012*
RelInt SD	*0.00004133*	*0.00004145*	*0.00001415*	---	---	---	*0.00007996*
Conc Mean	<0.00093900[mg/l]	<-0.00269165[mg/l]	<-0.00342165[mg/l]	419606	7056690	268024	<-0.00286481[mg/l]
Conc RSD	*37.28152383*	*45.17006297*	*65.33719112*	---	---	---	*15.13817670*
Conc SD	*0.00035007[mg/l]*	*0.00121582[mg/l]*	*0.00223561[mg/l]*	*3639.81000000*	*45796.5000000*	*3287.50000000*	*0.00043368[mg/l]*

	Be_R 313.107	Li_R 670.780	Si 251.612	P 177.495	Cd 228.802	S 182.034	
Int Mean	332.04500000	3617.42000000	2616.33000000	20.68580000	2563.42000000	1072.70000000	
Int RSD	*8.09366200*	*0.77886449*	*3.54755707*	*35.33781628*	*0.71440888*	*0.32094621*	
Int SD	*26.87460000*	*28.17480000*	*92.81580000*	*7.30991000*	*18.31330000*	*3.44279000*	
RelInt Mean	0.00003596	-0.00025376	0.00080972	0.00002100	0.00047285	0.00016066	
RelInt RSD	*179.97058218*	*100.13043821*	*27.40032406*	*26.77077333*	*4.16499419*	*21.62078388*	
RelInt SD	*0.00006473*	*0.00025409*	*0.00022187*	*0.00000562*	*0.00001969*	*0.00003474*	
Conc Mean	<0.00008398[mg/l]	<-0.00686293[mg/l]	<-0.00011874[mg/l]	<0.00386143[mg/l]	<0.00007897[mg/l]	<-0.00915698[mg/l]	
Conc RSD	*120.47407993*	*57.98835191*	*2856.85891389*	*42.16028777*	*85.07471569*	*38.09880550*	
Conc SD	*0.00010117[mg/l]*	*0.00397970[mg/l]*	*0.00339212[mg/l]*	*0.00162799[mg/l]*	*0.00006719[mg/l]*	*0.00348870[mg/l]*	

ENTHALPY CONTINUING CALIBRATION FOR 486134 METALS Wipe

EPA 6010B

Inst:	MET06			IDF:	1.0
Seqnum:	483220849201	File:	met06_master011	Time:	02-JUN-2023 20:24
Cal:	483220849001	Caldate:	02-JUN-2023		

Standards: S18436, S14463 (100X)

Analyte	Ch	Avg RF/CF	RF/CF	Spiked	Quant	Units	%D	Max %D	Flags
Lead	A	0.0223	0.0269	1.000	1.045	mg/l	4	10	

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	Abund	%Drift
Yttrium	H	7359370	6661590	-9.48
Yttrium	A	386874	393840	1.80
Yttrium	R	287890	260779	-9.42

Method Name: Met06_Master011923 Method Autor: Operator

Sample Name: CCV,S18436			Sample Type: Control Sample
Measure Date: 2023-06-02 20:24:41	Recalculation Date:	State: Check failed	Quality: Failed

	Ag 328.068	Al_R 396.152	As 189.042	B 249.677	Ba 230.424	Ca_R 317.933	Co 228.616
Int Mean	85573.1000000	6690.10000000	12440.9000000	43283.3000000	110445	356111	61096.6000000
Int RSD	*2.42901099*	*2.35163899*	*0.90767549*	*0.17187252*	*0.32659242*	*0.40719045*	*0.22160153*
Int SD	*2078.58000000*	*157.32700000*	*112.92300000*	*74.39210000*	*360.70500000*	*1450.05000000*	*135.39100000*
RelInt Mean	0.01024580	0.00466401	0.02810720	0.10427700	0.27548600	1.37840000	0.14915900
RelInt RSD	*2.91196393*	*1.43996904*	*0.80602123*	*0.38101019*	*0.79135419*	*0.39140525*	*0.71148238*
RelInt SD	*0.00029835*	*0.00006716*	*0.00022655*	*0.00039731*	*0.00218007*	*0.00539513*	*0.00106124*
Conc Mean	0.46924800[mg/l]	0.72527500[mg/l]	1.01588000[mg/l]	0.97206300[mg/l]	1.02185000[mg/l]	54.60920000[mg/l]	1.05096000[mg/l]
Conc RSD	*2.92201565*	*2.06145255*	*0.80643285*	*0.38297518*	*0.79662866*	*0.39199622*	*0.71226498*
Conc SD	*0.01371150[mg/l]*	*0.01495120[mg/l]*	*0.00819239[mg/l]*	*0.00372276[mg/l]*	*0.00814035[mg/l]*	*0.21406600[mg/l]*	*0.00748562[mg/l]*

	Cr 267.716	Cu 324.754	Fe 259.941	K_R 769.896	Mg_R 383.230	Mn 257.611	Mo 202.095
Int Mean	52759.1000000	401020	107633	13481.8000000	85951.0000000	633511	63662.8000000
Int RSD	*0.34741116*	*1.84247918*	*0.35212899*	*1.78520672*	*0.81704692*	*0.20754967*	*0.52675346*
Int SD	*183.29100000*	*7388.71000000*	*379.00700000*	*240.67800000*	*702.26000000*	*1314.85000000*	*335.34600000*
RelInt Mean	0.12830100	0.05759440	0.26805600	0.05145030	0.31965500	1.61513000	0.15849100
RelInt RSD	*0.53939798*	*1.90589710*	*0.09555354*	*1.44696338*	*0.84855235*	*0.26602069*	*0.25846578*
RelInt SD	*0.00069205*	*0.00109769*	*0.00025614*	*0.00074447*	*0.00271244*	*0.00429658*	*0.00040964*
Conc Mean	1.01678000[mg/l]	0.94442900[mg/l]	1.03953000[mg/l]	57.50080000[mg/l]	55.67370000[mg/l]	1.03111000[mg/l]	1.00816000[mg/l]
Conc RSD	*0.54027617*	*1.91990081*	*0.09624253*	*1.44212428*	*0.85330057*	*0.26685611*	*0.25868513*
Conc SD	*0.00549342[mg/l]*	*0.01813210[mg/l]*	*0.00100047[mg/l]*	*0.82923300[mg/l]*	*0.47506400[mg/l]*	*0.00275158[mg/l]*	*0.00260796[mg/l]*

	Na_R 589.592	Ni 231.604	Pb 220.353	Sb 206.833	Se 196.090	Sn 189.991	Sr_R 407.771
Int Mean	160068	34608.3000000	13328.4000000	10589.6000000	9199.75000000	121473	366345
Int RSD	*0.92055252*	*0.15563203*	*1.07762372*	*0.54119419*	*0.62645724*	*0.22022425*	*0.54872866*
Int SD	*1473.51000000*	*53.86160000*	*143.63000000*	*57.31030000*	*57.63250000*	*267.51300000*	*2010.24000000*
RelInt Mean	0.60147600	0.08080210	0.02692290	0.02221350	0.02001950	0.30757500	1.41049000
RelInt RSD	*0.97675551*	*0.43534141*	*0.90575681*	*0.72906566*	*0.86553111*	*0.22222677*	*0.55347149*
RelInt SD	*0.00587495*	*0.00035176*	*0.00024386*	*0.00016195*	*0.00017328*	*0.00068351*	*0.00780666*
Conc Mean	51.16160000[mg/l]	1.00595000[mg/l]	1.04466000[mg/l]	0.97103000[mg/l]	1.05314000[mg/l]	5.15145000[mg/l]	1.05745000[mg/l]
Conc RSD	*0.97922856*	*0.43435956*	*0.90079643*	*0.74248272*	*0.86933646*	*0.22236846*	*0.55906095*
Conc SD	*0.50098900[mg/l]*	*0.00436944[mg/l]*	*0.00941026[mg/l]*	*0.00720973[mg/l]*	*0.00915533[mg/l]*	*0.01145520[mg/l]*	*0.00591179[mg/l]*

	Ti 334.941	Tl 190.864	V 292.464	Y 224.3_A	Y 371.0_A	Y_R 371.030	Zn 206.200
Int Mean	815102	16228.9000000	48947.3000000	393840	6661590	260779	82450.8000000
Int RSD	*1.54464104*	*0.03175791*	*0.98874095*	*0.44113092*	*0.07635775*	*0.02245599*	*0.42778360*
Int SD	*12590.4000000*	*5.15396000*	*483.96200000*	*1737.35000000*	*5086.64000000*	*58.56050000*	*352.71100000*
RelInt Mean	0.11946000	0.03780270	0.00684756	---	---	---	0.20612900
RelInt RSD	*1.57774150*	*0.44120923*	*1.02847146*	---	---	---	*0.14869329*
RelInt SD	*0.00188477*	*0.00016679*	*0.00007043*	---	---	---	*0.00030650*
Conc Mean	1.00964000[mg/l]	1.09883000[mg/l]	1.04608000[mg/l]	390343	6625630	257927	1.10966000[mg/l]
Conc RSD	*1.58116754*	*0.44425070*	*1.06390525*	---	---	---	*0.15044608*
Conc SD	*0.01596410[mg/l]*	*0.00488156[mg/l]*	*0.01112930[mg/l]*	*1723.97000000*	*5065.24000000*	*172.38700000*	*0.00166944[mg/l]*

	Be_R 313.107	Li_R 670.780	Si 251.612	P 177.495	Cd 228.802	S 182.034	
Int Mean	168925	20807.9000000	137976	5991.74000000	100208	21292.4000000	
Int RSD	*0.82919639*	*1.80836125*	*0.27899562*	*0.25663997*	*0.84428888*	*0.22905919*	
Int SD	*1400.72000000*	*376.28200000*	*384.94700000*	*15.37720000*	*846.04500000*	*48.77220000*	
RelInt Mean	0.65295300	0.06570740	0.34522800	0.01525350	0.24880600	0.05113780	
RelInt RSD	*0.85203070*	*1.32153913*	*0.46827024*	*0.22721015*	*0.38768237*	*0.31674613*	
RelInt SD	*0.00556336*	*0.00086835*	*0.00161660*	*0.00003466*	*0.00096458*	*0.00016198*	
Conc Mean	1.02063000[mg/l]	1.02625000[mg/l]	5.23131000[mg/l]	4.41401000[mg/l]	0.96514900[mg/l]	5.11054000[mg/l]	
Conc RSD	*0.85195908*	*1.32532034*	*0.47196782*	*0.22750288*	*0.38834004*	*0.31825013*	
Conc SD	*0.00869535[mg/l]*	*0.01360110[mg/l]*	*0.02469010[mg/l]*	*0.01004200[mg/l]*	*0.00374806[mg/l]*	*0.01626430[mg/l]*	

ENTHALPY INSTRUMENT BLANK FOR 486134 METALS Wipe

EPA 6010B

Inst:	MET06			IDF:	1.0
Seqnum:	483220849202	File:	met06_master011	Time:	02-JUN-2023 20:27
Cal:	483220849001	Caldate:	02-JUN-2023		

Analyte	Ch	Quant	IQL	LOD	Units	Flags
Lead	A	ND	0.003333	---	mg/l	

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	Abund	%Drift
Yttrium	H	7359370	6866100	-6.70
Yttrium	A	386874	404699	4.61
Yttrium	R	287890	265174	-7.89

Method Name: Met06_Master011923 Method Autor: Operator

Sample Name: CCB,1	Sample Type: Control Sample		
Measure Date: 2023-06-02 20:27:56	Recalculation Date:	State: Checked	Quality:

	Ag 328.068	Al_R 396.152	As 189.042	B 249.677	Ba 230.424	Ca_R 317.933	Co 228.616
Int Mean	16126.2000000	2638.38000000	1150.72000000	2351.44000000	2640.22000000	772.66200000	2350.56000000
Int RSD	*0.24452196*	*3.70391680*	*2.41701717*	*1.24063978*	*1.18129171*	*6.13044255*	*1.16916394*
Int SD	*39.43210000*	*97.72340000*	*27.81310000*	*29.17290000*	*31.18870000*	*47.36760000*	*27.48190000*
RelInt Mean	0.00003639	0.00104506	-0.00007546	0.00056846	0.00060042	0.00176189	0.00021240
RelInt RSD	*80.33686097*	*59.97512105*	*142.07789316*	*10.29261617*	*17.04953691*	*13.79024797*	*22.44471542*
RelInt SD	*0.00002923*	*0.00062678*	*0.00010721*	*0.00005851*	*0.00010237*	*0.00024297*	*0.00004767*
Conc Mean	<0.00003798[mg/l]	<-0.08034920[mg/l]	<-0.00242452[mg/l]	<0.00023587[mg/l]	<-0.00058896[mg/l]	<0.01069340[mg/l]	<-0.00026881[mg/l]
Conc RSD	*3537.27920637*	*173.65200898*	*159.90959035*	*232.44598765*	*64.74542371*	*90.11380852*	*125.37879774*
Conc SD	*0.00134354[mg/l]*	*0.13952800[mg/l]*	*0.00387704[mg/l]*	*0.00054827[mg/l]*	*0.00038132[mg/l]*	*0.00963623[mg/l]*	*0.00033703[mg/l]*

	Cr 267.716	Cu 324.754	Fe 259.941	K_R 769.896	Mg_R 383.230	Mn 257.611	Mo 202.095
Int Mean	2060.56000000	17702.0000000	3116.87000000	140.84100000	3498.19000000	3336.34000000	1519.38000000
Int RSD	*1.13267267*	*0.87131962*	*1.54690763*	*58.67190662*	*4.02922654*	*0.79109443*	*1.72124814*
Int SD	*23.33940000*	*154.24100000*	*48.21510000*	*82.63410000*	*140.95000000*	*26.39360000*	*26.15230000*
RelInt Mean	0.00003585	0.00040236	0.00160424	-0.00017963	0.00153524	0.00241481	0.00017737
RelInt RSD	*179.13224408*	*2.03663359*	*6.61366130*	*64.27613083*	*10.17756181*	*5.02010510*	*42.91130819*
RelInt SD	*0.00006423*	*0.00000819*	*0.00010610*	*0.00011546*	*0.00015625*	*0.00012123*	*0.00007611*
Conc Mean	<-0.00094374[mg/l]	<-0.00032748[mg/l]	<0.00116079[mg/l]	<-0.00561257[mg/l]	<-0.04697310[mg/l]	<-0.00069338[mg/l]	<0.00019615[mg/l]
Conc RSD	*53.99708394*	*41.33547495*	*35.62048260*	*2291.23200245*	*58.26419802*	*11.18559637*	*247.04769770*
Conc SD	*0.00050959[mg/l]*	*0.00013537[mg/l]*	*0.00041348[mg/l]*	*0.12859700[mg/l]*	*0.02736850[mg/l]*	*0.00007756[mg/l]*	*0.00048459[mg/l]*

	Na_R 589.592	Ni 231.604	Pb 220.353	Sb 206.833	Se 196.090	Sn 189.991	Sr_R 407.771
Int Mean	4380.96000000	2362.38000000	2355.70000000	1671.44000000	1149.14000000	1209.27000000	4743.98000000
Int RSD	*4.44660531*	*0.56010041*	*1.51982426*	*2.30286460*	*1.45162469*	*4.31784465*	*3.71093470*
Int SD	*194.80400000*	*13.23170000*	*35.80250000*	*38.49100000*	*16.68120000*	*52.21440000*	*176.04600000*
RelInt Mean	0.00129635	-0.00016276	-0.00011996	0.00022039	0.00008638	0.00026772	0.00921424
RelInt RSD	*15.61430169*	*36.05244403*	*31.78951317*	*48.65150594*	*84.56882669*	*49.61378136*	*7.06726762*
RelInt SD	*0.00020242*	*0.00005868*	*0.00003813*	*0.00010723*	*0.00007305*	*0.00013283*	*0.00065120*
Conc Mean	<-0.01995000[mg/l]	<0.00054662[mg/l]	<0.00073551[mg/l]	<-0.00067126[mg/l]	<-0.00047868[mg/l]	<0.00378663[mg/l]	<-0.00374603[mg/l]
Conc RSD	*86.52230576*	*133.30589202*	*201.78352193*	*709.85032558*	*806.61354881*	*58.75937179*	*13.16465698*
Conc SD	*0.01726120[mg/l]*	*0.00072868[mg/l]*	*0.00148414[mg/l]*	*0.00476492[mg/l]*	*0.00386113[mg/l]*	*0.00222500[mg/l]*	*0.00049315[mg/l]*

	Ti 334.941	Tl 190.864	V 292.464	Y 224.3_A	Y 371.0_A	Y_R 371.030	Zn 206.200
Int Mean	20478.9000000	1176.37000000	4221.69000000	404699	6866100	265174	2058.88000000
Int RSD	*1.90828121*	*1.10622508*	*1.44586410*	*0.58488902*	*0.70858566*	*0.58570976*	*1.20414497*
Int SD	*390.79500000*	*13.01330000*	*61.03990000*	*2367.04000000*	*48652.2000000*	*1553.15000000*	*24.79190000*
RelInt Mean	0.00035311	0.00005691	0.00020987	---	---	---	0.00126341
RelInt RSD	*9.09380540*	*86.10239361*	*7.46433506*	---	---	---	*5.31212354*
RelInt SD	*0.00003211*	*0.00004900*	*0.00001567*	---	---	---	*0.00006711*
Conc Mean	<0.00083535[mg/l]	<-0.00339106[mg/l]	<-0.00226565[mg/l]	401567	6831180	262314	<-0.00084937[mg/l]
Conc RSD	*32.55797250*	*42.35224384*	*109.23796703*	---	---	---	*42.85525911*
Conc SD	*0.00027197[mg/l]*	*0.00143619[mg/l]*	*0.00247495[mg/l]*	*2397.76000000*	*48531.0000000*	*1420.66000000*	*0.00036400[mg/l]*

	Be_R 313.107	Li_R 670.780	Si 251.612	P 177.495	Cd 228.802	S 182.034	
Int Mean	291.78800000	3799.62000000	2558.70000000	14.94570000	2488.23000000	1039.63000000	
Int RSD	*34.64741525*	*6.21996410*	*1.01697346*	*88.37257539*	*0.85289543*	*1.06561950*	
Int SD	*101.09700000*	*236.33500000*	*26.02130000*	*13.20790000*	*21.22200000*	*11.07850000*	
RelInt Mean	0.00000481	0.00008781	0.00075965	0.00000858	0.00036799	0.00009396	
RelInt RSD	*3918.86666944*	*328.61338523*	*9.34472799*	*180.51751196*	*17.07138315*	*42.88340163*	
RelInt SD	*0.00018852*	*0.00028856*	*0.00007099*	*0.00001549*	*0.00006282*	*0.00004029*	
Conc Mean	<0.00003528[mg/l]	<-0.00151308[mg/l]	<-0.00088590[mg/l]	<0.00026524[mg/l]	<-0.00032699[mg/l]	<-0.01585650[mg/l]	
Conc RSD	*835.18934745*	*298.70000264*	*121.44147195*	*1691.22681345*	*79.18467208*	*25.51937691*	
Conc SD	*0.00029467[mg/l]*	*0.00451957[mg/l]*	*0.00107585[mg/l]*	*0.00448581[mg/l]*	*0.00025892[mg/l]*	*0.00404648[mg/l]*	

ENTHALPY CONTINUING CALIBRATION FOR 486134 METALS Wipe

EPA 6010B

Inst:	MET06			IDF:	1.0
Seqnum:	483220849213	File:	met06_master011	Time:	02-JUN-2023 21:03
Cal:	483220849001	Caldate:	02-JUN-2023		

Standards: S18436, S14463 (100X)

Analyte	Ch	Avg RF/CF	RF/CF	Spiked	Quant	Units	%D	Max %D	Flags
Lead	A	0.0223	0.0264	1.000	1.024	mg/l	2	10	

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	Abund	%Drift
Yttrium	H	7359370	6433640	-12.58
Yttrium	A	386874	373740	-3.39
Yttrium	R	287890	252234	-12.39

Method Name: Met06_Master011923 Method Autor: Operator

Sample Name: CCV,S18436			Sample Type: Control Sample
Measure Date: 2023-06-02 21:03:48	Recalculation Date:	State: Check failed	Quality: Failed

	Ag 328.068	Al_R 396.152	As 189.042	B 249.677	Ba 230.424	Ca_R 317.933	Co 228.616
Int Mean	83262.3000000	6710.79000000	11899.0000000	41999.0000000	105009	345136	58643.2000000
Int RSD	*3.20717780*	*1.78767328*	*0.35768300*	*0.42202433*	*0.22120104*	*0.19837745*	*0.47278968*
Int SD	*2670.37000000*	*119.96700000*	*42.56070000*	*177.24600000*	*232.28100000*	*684.67200000*	*277.25900000*
RelInt Mean	0.01028710	0.00471500	0.02821470	0.10657000	0.27580900	1.38138000	0.15072000
RelInt RSD	*4.54258246*	*6.03720042*	*0.66172952*	*0.66046824*	*0.41061024*	*0.46189318*	*0.30919785*
RelInt SD	*0.00046730*	*0.00028465*	*0.00018671*	*0.00070386*	*0.00113250*	*0.00638050*	*0.00046602*
Conc Mean	0.47114800[mg/l]	0.73662600[mg/l]	1.01976000[mg/l]	0.99355300[mg/l]	1.02307000[mg/l]	54.72730000[mg/l]	1.06197000[mg/l]
Conc RSD	*4.55863126*	*8.60252014*	*0.66189496*	*0.66388909*	*0.41175384*	*0.46238897*	*0.30558490*
Conc SD	*0.02147790[mg/l]*	*0.06336840[mg/l]*	*0.00674974[mg/l]*	*0.00659609[mg/l]*	*0.00421253[mg/l]*	*0.25305300[mg/l]*	*0.00324522[mg/l]*

	Cr 267.716	Cu 324.754	Fe 259.941	K_R 769.896	Mg_R 383.230	Mn 257.611	Mo 202.095
Int Mean	50781.2000000	394470	102847	13283.5000000	84868.8000000	609275	60365.0000000
Int RSD	*0.04662474*	*1.96313788*	*0.23215067*	*1.67936914*	*0.71065456*	*0.28189241*	*0.09188503*
Int SD	*23.67660000*	*7743.99000000*	*238.76000000*	*223.07900000*	*603.12400000*	*1717.50000000*	*55.46640000*
RelInt Mean	0.13003500	0.05867910	0.26976600	0.05225760	0.32591000	1.63720000	0.15822100
RelInt RSD	*0.27702003*	*3.27656695*	*0.11740323*	*1.69231652*	*0.52799546*	*0.16241082*	*0.44253165*
RelInt SD	*0.00036022*	*0.00192266*	*0.00031671*	*0.00088436*	*0.00172079*	*0.00265899*	*0.00070018*
Conc Mean	1.03053000[mg/l]	0.96234600[mg/l]	1.04620000[mg/l]	58.40000000[mg/l]	56.76930000[mg/l]	1.04523000[mg/l]	1.00644000[mg/l]
Conc RSD	*0.27764936*	*3.30029948*	*0.11774708*	*1.68675685*	*0.53084149*	*0.16290482*	*0.44313123*
Conc SD	*0.00286126[mg/l]*	*0.03176030[mg/l]*	*0.00123187[mg/l]*	*0.98506600[mg/l]*	*0.30135500[mg/l]*	*0.00170273[mg/l]*	*0.00445985[mg/l]*

	Na_R 589.592	Ni 231.604	Pb 220.353	Sb 206.833	Se 196.090	Sn 189.991	Sr_R 407.771
Int Mean	156663	33202.4000000	12566.9000000	10412.5000000	8832.14000000	116033	355412
Int RSD	*0.50350944*	*1.15870841*	*0.80014164*	*0.42138487*	*0.11553712*	*0.22922789*	*0.41803597*
Int SD	*788.81300000*	*384.71900000*	*100.55300000*	*43.87670000*	*10.20440000*	*265.98000000*	*1485.75000000*
RelInt Mean	0.60842800	0.08149050	0.02639080	0.02301350	0.02022840	0.30962000	1.41454000
RelInt RSD	*0.21354704*	*0.93587719*	*1.39445185*	*0.89081626*	*0.28643244*	*0.48290808*	*0.25740523*
RelInt SD	*0.00129928*	*0.00076265*	*0.00036801*	*0.00020501*	*0.00005794*	*0.00149518*	*0.00364110*
Conc Mean	51.75450000[mg/l]	1.01449000[mg/l]	1.02412000[mg/l]	1.00651000[mg/l]	1.06417000[mg/l]	5.18572000[mg/l]	1.06052000[mg/l]
Conc RSD	*0.21407027*	*0.93340398*	*1.38708354*	*0.90389564*	*0.28759503*	*0.48294547*	*0.25975465*
Conc SD	*0.11079100[mg/l]*	*0.00946929[mg/l]*	*0.01420540[mg/l]*	*0.00909780[mg/l]*	*0.00306050[mg/l]*	*0.02504420[mg/l]*	*0.00275475[mg/l]*

	Ti 334.941	Tl 190.864	V 292.464	Y 224.3_A	Y 371.0_A	Y_R 371.030	Zn 206.200
Int Mean	796417	15920.5000000	47492.9000000	373740	6433640	252234	78138.8000000
Int RSD	*1.76831986*	*0.09332684*	*2.08253234*	*0.32570771*	*1.65714899*	*0.40950467*	*0.66894936*
Int SD	*14083.2000000*	*14.85810000*	*989.05500000*	*1217.30000000*	*106615*	*1032.91000000*	*522.70900000*
RelInt Mean	0.12087400	0.03909330	0.00688402	---	---	---	0.20572500
RelInt RSD	*2.97480021*	*0.36270665*	*2.57516684*	---	---	---	*0.92497266*
RelInt SD	*0.00359576*	*0.00014179*	*0.00017727*	---	---	---	*0.00190290*
Conc Mean	1.02162000[mg/l]	1.13667000[mg/l]	1.05185000[mg/l]	370297	6397860	249389	1.10746000[mg/l]
Conc RSD	*2.98079521*	*0.36769511*	*2.66274659*	---	---	---	*0.93151897*
Conc SD	*0.03045240[mg/l]*	*0.00417948[mg/l]*	*0.02800810[mg/l]*	*1227.42000000*	*106678*	*1043.60000000*	*0.01031620[mg/l]*

	Be_R 313.107	Li_R 670.780	Si 251.612	P 177.495	Cd 228.802	S 182.034	
Int Mean	165069	20735.5000000	132981	5670.40000000	95261.8000000	20133.3000000	
Int RSD	*0.39517232*	*1.48676424*	*0.72211895*	*0.66403076*	*0.48173245*	*0.12963747*	
Int SD	*652.30700000*	*308.28800000*	*960.28100000*	*37.65320000*	*458.90700000*	*26.10030000*	
RelInt Mean	0.65981800	0.06723250	0.35068600	0.01522440	0.24905800	0.05086990	
RelInt RSD	*0.02678072*	*1.56338081*	*0.43483059*	*0.75425633*	*0.22137775*	*0.44509622*	
RelInt SD	*0.00017670*	*0.00105110*	*0.00152489*	*0.00011483*	*0.00055136*	*0.00022642*	
Conc Mean	1.03136000[mg/l]	1.05013000[mg/l]	5.31461000[mg/l]	4.40559000[mg/l]	0.96611600[mg/l]	5.08365000[mg/l]	
Conc RSD	*0.02675332*	*1.56779637*	*0.43955248*	*0.75481604*	*0.22459829*	*0.44729869*	
Conc SD	*0.00027592[mg/l]*	*0.01646390[mg/l]*	*0.02336050[mg/l]*	*0.03325410[mg/l]*	*0.00216988[mg/l]*	*0.02273910[mg/l]*	

ENTHALPY INSTRUMENT BLANK FOR 486134 METALS Wipe

EPA 6010B

Inst:	MET06			IDF:	1.0
Seqnum:	483220849214	File:	met06_master011	Time:	02-JUN-2023 21:07
Cal:	483220849001	Caldate:	02-JUN-2023		

Analyte	Ch	Quant	IQL	LOD	Units	Flags
Lead	A	[0.001872]	0.003333	---	mg/l	!CCB

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	Abund	%Drift
Yttrium	H	7359370	6674740	-9.30
Yttrium	A	386874	379353	-1.94
Yttrium	R	287890	257915	-10.41

!=warning CCB=instrument blank

Method Name: Met06_Master011923 Method Autor: Operator

Sample Name: CCB,1			Sample Type: Control Sample
Measure Date: 2023-06-02 21:07:02	Recalculation Date:	State: Checked	Quality:

	Ag 328.068	Al_R 396.152	As 189.042	B 249.677	Ba 230.424	Ca_R 317.933	Co 228.616
Int Mean	16041.7000000	2566.13000000	1149.47000000	2305.05000000	2629.78000000	616.25400000	2287.65000000
Int RSD	*0.82970009*	*5.50439767*	*2.55155854*	*1.16061257*	*1.61159869*	*10.38458168*	*2.11478592*
Int SD	*133.09800000*	*141.25000000*	*29.32940000*	*26.75270000*	*42.38150000*	*63.99540000*	*48.37890000*
RelInt Mean	0.00003988	0.00116679	-0.00000691	0.00057476	0.00071398	0.00122855	0.00012417
RelInt RSD	*63.59453360*	*28.63317306*	*556.56368423*	*18.04854540*	*3.18188185*	*25.60433031*	*40.60201181*
RelInt SD	*0.00002536*	*0.00033409*	*0.00003848*	*0.00010374*	*0.00002272*	*0.00031456*	*0.00005041*
Conc Mean	<0.00019843[mg/l]	<-0.05325030[mg/l]	<0.00005436[mg/l]	<0.00029494[mg/l]	<-0.00016458[mg/l]	<-0.01045890[mg/l]	<-0.00089288[mg/l]
Conc RSD	*587.39813840*	*139.66625540*	*2560.78872182*	*329.59058776*	*51.05165940*	*119.28405473*	*39.86448271*
Conc SD	*0.00116558[mg/l]*	*0.07437270[mg/l]*	*0.00139195[mg/l]*	*0.00097208[mg/l]*	*0.00008402[mg/l]*	*0.01247580[mg/l]*	*0.00035594[mg/l]*

	Cr 267.716	Cu 324.754	Fe 259.941	K_R 769.896	Mg_R 383.230	Mn 257.611	Mo 202.095
Int Mean	2040.14000000	17719.8000000	3062.82000000	171.55600000	3308.70000000	3241.19000000	1499.35000000
Int RSD	*1.71296088*	*0.84933803*	*2.28827355*	*38.91522302*	*4.58811618*	*1.58030538*	*0.98948211*
Int SD	*34.94680000*	*150.50100000*	*70.08570000*	*66.76140000*	*151.80700000*	*51.22070000*	*14.83580000*
RelInt Mean	0.00002880	0.00042547	0.00167333	-0.00015844	0.00163347	0.00249162	0.00015712
RelInt RSD	*299.33500248*	*5.07367164*	*7.01911757*	*110.08766670*	*18.40431719*	*2.84014818*	*22.50222765*
RelInt SD	*0.00008620*	*0.00002159*	*0.00011745*	*0.00017442*	*0.00030063*	*0.00007077*	*0.00003535*
Conc Mean	<-0.00099973[mg/l]	<0.00005422[mg/l]	<0.00143002[mg/l]	<0.01798370[mg/l]	<-0.02976790[mg/l]	<-0.00064424[mg/l]	<0.00006722[mg/l]
Conc RSD	*68.41384539*	*657.63494560*	*32.00724465*	*1080.29493375*	*176.89390249*	*7.02795249*	*334.86909344*
Conc SD	*0.00068395[mg/l]*	*0.00035659[mg/l]*	*0.00045771[mg/l]*	*0.19427700[mg/l]*	*0.05265760[mg/l]*	*0.00004528[mg/l]*	*0.00022510[mg/l]*

	Na_R 589.592	Ni 231.604	Pb 220.353	Sb 206.833	Se 196.090	Sn 189.991	Sr_R 407.771
Int Mean	4170.14000000	2291.55000000	2319.77000000	1621.24000000	1134.72000000	1178.90000000	4340.37000000
Int RSD	*3.02066597*	*1.43464904*	*2.45595469*	*3.14207027*	*0.17192523*	*4.59317160*	*3.10279999*
Int SD	*125.96600000*	*32.87570000*	*56.97250000*	*50.94050000*	*1.95087000*	*54.14890000*	*134.67300000*
RelInt Mean	0.00104340	-0.00027065	-0.00009046	0.00017668	0.00010532	0.00023183	0.00869261
RelInt RSD	*15.36850680*	*18.45489645*	*110.09495910*	*57.70131987*	*14.31814513*	*36.57989182*	*2.90119998*
RelInt SD	*0.00016035*	*0.00004995*	*0.00009959*	*0.00010195*	*0.00001508*	*0.00008480*	*0.00025219*
Conc Mean	<-0.04152030[mg/l]	<-0.00079315[mg/l]	<0.00187210[mg/l]	<-0.00261399[mg/l]	<0.00052274[mg/l]	<0.00318531[mg/l]	<-0.00414106[mg/l]
Conc RSD	*32.93425144*	*78.20129408*	*205.71550665*	*173.26806912*	*152.48595850*	*44.59565945*	*4.61203170*
Conc SD	*0.01367440[mg/l]*	*0.00062025[mg/l]*	*0.00385120[mg/l]*	*0.00452921[mg/l]*	*0.00079710[mg/l]*	*0.00142051[mg/l]*	*0.00019099[mg/l]*

	Ti 334.941	Tl 190.864	V 292.464	Y 224.3_A	Y 371.0_A	Y_R 371.030	Zn 206.200
Int Mean	20407.9000000	1162.10000000	4189.92000000	379353	6674740	257915	1864.03000000
Int RSD	*0.65477095*	*1.58747096*	*0.16256110*	*0.36296273*	*0.84045521*	*0.34669872*	*1.01894819*
Int SD	*133.62500000*	*18.44800000*	*6.81118000*	*1376.91000000*	*56098.2000000*	*894.18800000*	*18.99350000*
RelInt Mean	0.00037387	0.00012865	0.00021854	---	---	---	0.00086963
RelInt RSD	*8.41603253*	*25.52084386*	*2.63371085*	---	---	---	*5.99323618*
RelInt SD	*0.00003146*	*0.00003283*	*0.00000576*	---	---	---	*0.00005212*
Conc Mean	0.00101111[mg/l]	<-0.00128640[mg/l]	<-0.00089660[mg/l]	376284	6640000	255233	<-0.00298491[mg/l]
Conc RSD	*26.35707292*	*74.88417289*	*101.43742709*	---	---	---	*9.47887876*
Conc SD	*0.00026650[mg/l]*	*0.00096331[mg/l]*	*0.00090949[mg/l]*	*1403.71000000*	*55945.4000000*	*1036.43000000*	*0.00028294[mg/l]*

	Be_R 313.107	Li_R 670.780	Si 251.612	P 177.495	Cd 228.802	S 182.034	
Int Mean	321.09100000	3575.80000000	2513.68000000	23.66550000	2482.26000000	1038.34000000	
Int RSD	*11.03603028*	*5.63032049*	*2.21637599*	*19.87221905*	*1.54819801*	*1.60926094*	
Int SD	*35.43570000*	*201.32900000*	*55.71260000*	*4.70286000*	*38.43030000*	*16.70960000*	
RelInt Mean	0.00014678	0.00006242	0.00073337	0.00001421	0.00044236	0.00012178	
RelInt RSD	*53.79007753*	*187.41649498*	*18.64898585*	*75.30850292*	*18.24209063*	*35.22635637*	
RelInt SD	*0.00007895*	*0.00011699*	*0.00013677*	*0.00001070*	*0.00008069*	*0.00004290*	
Conc Mean	<0.00025719[mg/l]	<-0.00191075[mg/l]	<-0.00128388[mg/l]	<0.00189313[mg/l]	<-0.00004588[mg/l]	<-0.01306230[mg/l]	
Conc RSD	*47.98356054*	*95.89480570*	*162.57204723*	*163.61000037*	*688.40056930*	*32.98270596*	
Conc SD	*0.00012341[mg/l]*	*0.00183231[mg/l]*	*0.00208723[mg/l]*	*0.00309735[mg/l]*	*0.00031584[mg/l]*	*0.00430830[mg/l]*	

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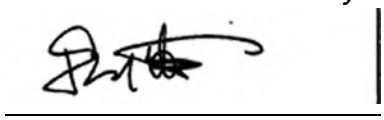
Lab Job Number: 486142
Report Level: II
Report Date: 06/09/2023

Analytical Report *prepared for:*

Austin Moore
Rincon Consultants
449 15th Street
#303
Oakland, CA 94612

Project: 20-10491 - Hangar 1 NTCRA

Authorized for release by:



John Goyette, Service Center Manager
(510) 204-2233 Ext 13112
john.goyette@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105

ENTHALPY ANALYTICAL

Sample Summary

Austin Moore
Rincon Consultants
449 15th Street
#303
Oakland, CA 94612

Lab Job #:	486142
Project No:	20-10491
Location:	Hangar 1 NTCRA
Date Received:	06/01/23

Sample ID	Lab ID	Collected	Matrix
AFRAME-C7E-LAT-L3-UP-C7.6-HS-230601-P-LA	486142-001	06/01/23 09:00	Wipe
AFRAME-C7E-LAT-L3-UP-C7.6-HS-230601-L-LA	486142-002	06/01/23 09:00	Wipe
AFRAME-C6E-LAT-L3-EXT-0 TO 1-230601-P-WF	486142-003	06/01/23 10:50	Wipe
AFRAME-C6E-LAT-L3-EXT-0 TO 1-230601-L-WF	486142-004	06/01/23 10:50	Wipe
AFRAME-C6E-MED-L3-DN-C6.2-DG-230601-P-LA	486142-005	06/01/23 10:40	Wipe
AFRAME-C6E-MED-L3-DN-C6.2-DG-230601-L-LA	486142-006	06/01/23 10:40	Wipe
AFRAME-C7E-MED-L3-EXT-0 TO 1-230601-P-WF	486142-007	06/01/23 10:30	Wipe
AFRAME-C7E-MED-L3-EXT-0 TO 1-230601-L-WF	486142-008	06/01/23 10:30	Wipe
AFRAME-C7E-LAT-L3-DN-C7E-DG-230601-P-LA	486142-009	06/01/23 10:20	Wipe
AFRAME-C7E-LAT-L3-DN-C7E-DG-230601-L-LA	486142-010	06/01/23 10:20	Wipe
AFRAME-C7E-MED-L3-DN-C7.5-DG-230601-P-LA	486142-011	06/01/23 10:05	Wipe
AFRAME-C7E-MED-L3-DN-C7.5-DG-230601-P-DUP-LA	486142-012	06/01/23 10:05	Wipe
AFRAME-C7E-MED-L3-DN-C7.5-DG-230601-L-LA	486142-013	06/01/23 10:05	Wipe

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Project No:	20-10491
Location:	Hangar 1 NTCRA
Date Received:	06/01/23

Sample ID	Lab ID	Collected	Matrix
AFRAME-C6E-MED-L2-EXT-0 TO 1-230601-P-WF	486142-014	06/01/23 07:45	Wipe
AFRAME-C6E-MED-L2-EXT-0 TO 1-230601-L-WF	486142-015	06/01/23 07:45	Wipe
AFRAME-C6E-MED-L2-INT-0.5 TO 1-230601-P-FB	486142-016	06/01/23 07:55	Wipe
AFRAME-C6E-MED-L2-INT-0.5 TO 1-230601-L-FB	486142-017	06/01/23 07:55	Wipe
AFRAME-C6E-MED-L2-UP-C6.6-DG-230601-P-LA	486142-018	06/01/23 08:45	Wipe
AFRAME-C6E-MED-L2-UP-C6.6-DG-230601-P-DUP-LA	486142-019	06/01/23 08:45	Wipe
AFRAME-C6E-MED-L2-UP-C6.6-DG-230601-L-LA	486142-020	06/01/23 08:45	Wipe
AFRAME-C7E-MED-L2-HS-1-230601-P-G	486142-021	06/01/23 09:50	Wipe
AFRAME-C7E-MED-L2-HS-1-230601-L-G	486142-022	06/01/23 09:50	Wipe
AFRAME-C7E-LAT-L2-INT-0.5 TO 1-230601-P-FB	486142-023	06/01/23 09:10	Wipe
AFRAME-C7E-LAT-L2-INT-0.5 TO 1-230601-L-FB	486142-024	06/01/23 09:10	Wipe
AFRAME-C7E-LAT-L2-EXT-0 TO 1-230601-P-WF	486142-025	06/01/23 09:25	Wipe
AFRAME-C7E-LAT-L2-EXT-0 TO 1-230601-L-WF	486142-026	06/01/23 09:25	Wipe
AFRAME-C7E-LAT-L2-EXT-0 TO 1-230601-L-DUP-WF	486142-027	06/01/23 09:25	Wipe

ENTHALPY ANALYTICAL

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Oakland, CA 94612

Lab Job #:	486142
Project No:	20-10491
Location:	Hangar 1 NTCRA
Date Received:	06/01/23

Sample ID	Lab ID	Collected	Matrix
AFRAME-C7E-LAT-L2-UP-C7.1-VS-230601-P-I	486142-028	06/01/23 09:40	Wipe
AFRAME-C7E-LAT-L2-UP-C7.1-VS-230601-L-I	486142-029	06/01/23 09:40	Wipe
AFRAME-C7E-MED-L2-UP-C7.2-DG-230601-P-LA	486142-030	06/01/23 08:55	Wipe
AFRAME-C7E-MED-L2-UP-C7.2-DG-230601-L-LA	486142-031	06/01/23 08:55	Wipe
AFRAME-C6E-LAT-L2-INT-0 TO 0.5-230601-P-FB	486142-032	06/01/23 08:10	Wipe
AFRAME-C6E-LAT-L2-INT-0 TO 0.5-230601-L-FB	486142-033	06/01/23 08:10	Wipe
AFRAME-C6E-LAT-L2-DN-C6.1-DG-230601-P-LA	486142-034	06/01/23 08:25	Wipe
AFRAME-C6E-LAT-L2-DN-C6.1-DG-230601-L-LA	486142-035	06/01/23 08:25	Wipe
AFRAME-C7E-MED-L2-INT-0 TO 0.5-230601-P-FB	486142-036	06/01/23 10:00	Wipe
AFRAME-C7E-MED-L2-INT-0 TO 0.5-230601-L-FB	486142-037	06/01/23 10:00	Wipe
AFRAME-C7E-MED-L2-EXT-0 TO 1-230601-P-WF	486142-038	06/01/23 10:20	Wipe
AFRAME-C7E-MED-L2-EXT-0 TO 1-230601-L-WF	486142-039	06/01/23 10:20	Wipe
AFRAME-C7E-MED-L2-DN-C7.5-VS-230601-P-LA	486142-040	06/01/23 10:40	Wipe

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Oakland, CA 94612

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Location:	Hangar 1 NTCRA
Date Received:	06/01/23

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AFRAME-C7E-MED-L2-DN-C7.5-VS-230601-P-DUP-LA	486142-041	06/01/23 10:40	Wipe
AFRAME-C7E-MED-L2-DN-C7.5-VS-230601-L-LA	486142-042	06/01/23 10:40	Wipe
AFRAME-C6E-MED-L1-HS-3-230601-P-G	486142-043	06/01/23 10:50	Wipe
AFRAME-C6E-MED-L1-HS-3-230601-L-G	486142-044	06/01/23 10:50	Wipe
AFRAME-C6E-MED-L1-HS-3-230601-P-A	486142-045	06/01/23 11:00	Wipe
AFRAME-C6E-MED-L1-HS-3-230601-L-A	486142-046	06/01/23 11:00	Wipe
AFRAME-C6E-LAT-L1-HS-3-230601-P-A	486142-047	06/01/23 11:10	Wipe
AFRAME-C6E-LAT-L1-HS-3-230601-L-A	486142-048	06/01/23 11:10	Wipe
AFRAME-C6E-LAT-L1-HS-3-230601-L-DUP-A	486142-049	06/01/23 11:10	Wipe
AFRAME-C6E-LAT-L1-UP-C6.1-VS-230601-P-I	486142-050	06/01/23 13:15	Wipe
AFRAME-C6E-LAT-L1-UP-C6.1-VS-230601-L-I	486142-051	06/01/23 13:15	Wipe
AFRAME-C6E-MED-L1-UP-C6.1-DG-230601-P-SS	486142-052	06/01/23 13:25	Wipe
AFRAME-C6E-MED-L1-UP-C6.1-DG-230601-L-SS	486142-053	06/01/23 13:25	Wipe
AFRAME-C6E-MED-L1-UP-C6.6-DG-230601-P-SS	486142-054	06/01/23 13:35	Wipe
AFRAME-C6E-MED-L1-UP-C6.6-DG-230601-L-SS	486142-055	06/01/23 13:35	Wipe
AFRAME-C6E-MED-L1-UP-C6.6-DG-230601-L-DUP-SS	486142-056	06/01/23 13:35	Wipe

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Location:	Hangar 1 NTCRA
Date Received:	06/01/23

Sample ID	Lab ID	Collected	Matrix
AFRAME-C7E-LAT-L1-HS-3-230601-P-A	486142-057	06/01/23 13:50	Wipe
AFRAME-C7E-LAT-L1-HS-3-230601-L-A	486142-058	06/01/23 13:50	Wipe
AFRAME-C7E-LAT-L1-UP-C7.7-VS-230601-P-I	486142-059	06/01/23 14:00	Wipe
AFRAME-C7E-LAT-L1-UP-C7.7-VS-230601-L-I	486142-060	06/01/23 14:00	Wipe
AFRAME-C7E-MED-L1-UP-C7.6-DG-230601-P-SS	486142-061	06/01/23 14:10	Wipe
AFRAME-C7E-MED-L1-UP-C7.6-DG-230601-L-SS	486142-062	06/01/23 14:10	Wipe
AFRAME-C6E-LAT-L1-EXT-1 TO 2-230601-P-WF	486142-063	06/01/23 14:40	Wipe
AFRAME-C6E-LAT-L1-EXT-1 TO 2-230601-L-WF	486142-064	06/01/23 14:40	Wipe
AFRAME-C6E-MED-L1-INT-1 TO 2-230601-P-FB	486142-065	06/01/23 15:00	Wipe
AFRAME-C6E-MED-L1-INT-1 TO 2-230601-L-FB	486142-066	06/01/23 15:00	Wipe
AFRAME-C6E-LAT-L1-UP-C6.7-HS-230601-P-LA	486142-067	06/01/23 13:10	Wipe
AFRAME-C6E-LAT-L1-UP-C6.7-HS-230601-L-LA	486142-068	06/01/23 13:10	Wipe
AFRAME-C7E-LAT-L1-INT-1 TO 2-230601-P-FB	486142-069	06/01/23 13:30	Wipe
AFRAME-C7E-LAT-L1-INT-1 TO 2-230601-L-FB	486142-070	06/01/23 13:30	Wipe

ENTHALPY ANALYTICAL

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Location:	Hangar 1 NTCRA
Date Received:	06/01/23

Sample ID	Lab ID	Collected	Matrix
AFRAME-C7E-LAT-L1-UP-C7E-HS-230601-P-LA	486142-071	06/01/23 13:40	Wipe
AFRAME-C7E-LAT-L1-UP-C7E-HS-230601-L-LA	486142-072	06/01/23 13:40	Wipe
AFRAME-C6E-MED-L1-EXT-0 TO 1-230601-P-WF	486142-073	06/01/23 14:55	Wipe
AFRAME-C6E-MED-L1-EXT-0 TO 1-230601-L-WF	486142-074	06/01/23 14:55	Wipe
AFRAME-C6E-MED-L1-DN-C6.7E-DG-230601-P-SS	486142-075	06/01/23 14:00	Wipe
AFRAME-C6E-MED-L1-DN-C6.7E-DG-230601-L-SS	486142-076	06/01/23 14:00	Wipe
AFRAME-C7E-MED-L1-INT-0 TO 1-230601-P-FB	486142-077	06/01/23 14:30	Wipe
AFRAME-C7E-MED-L1-INT-0 TO 1-230601-L-FB	486142-078	06/01/23 14:30	Wipe
AFRAME-C7E-LAT-L1-EXT-0 TO 1-230601-P-WF	486142-079	06/01/23 14:35	Wipe
AFRAME-C7E-LAT-L1-EXT-0 TO 1-230601-L-WF	486142-080	06/01/23 14:35	Wipe
AFRAME-C7E-MED-L1-DN-C7E-DG-230601-P-SS	486142-081	06/01/23 14:15	Wipe
AFRAME-C7E-MED-L1-DN-C7E-DG-230601-L-SS	486142-082	06/01/23 14:15	Wipe
230601-P-MEDBLANK1	486142-083	06/01/23 07:34	Wipe
230601-L-MEDBLANK1	486142-084	06/01/23 07:34	Wipe

ENTHALPY ANALYTICAL

Sample Summary

Austin Moore
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Oakland, CA 94612

Lab Job #:	486142
Project No:	20-10491
Location:	Hangar 1 NTCRA
Date Received:	06/01/23

Sample ID	Lab ID	Collected	Matrix
230601-P-MEDBLANK2	486142-085	06/01/23 07:40	Wipe
230601-L-MEDBLANK2	486142-086	06/01/23 07:40	Wipe
230601-P-MEDBLANK3	486142-087	06/01/23 13:20	Wipe
230601-L-MEDBLANK3	486142-088	06/01/23 13:20	Wipe

ENTHALPY ANALYTICAL

Case Narrative

Rincon Consultants 449 15th Street #303 Oakland, CA 94612 Austin Moore	Lab Job Number: 486142 Project No: 20-10491 Location: Hangar 1 NTCRA Date Received: 06/01/23

This data package contains sample and QC results for eighty eight wipe samples, requested for the above referenced project on 06/02/23. The samples were received cold and intact.

PCBs (EPA 8082):
No analytical problems were encountered.

Metals (EPA 6010B):
No analytical problems were encountered.

ENTHALPY ANALYTICAL

Chain of Custody Record COC ID: 486742

Page: 1 of 6

Turn Around Time (rush by advanced notice only)

Standard:	X (PCBs)	5 Day:		3 Day:	
2 Day:		1 Day:	X (Pb)	Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Report: Level II data validation

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants, Inc.	Quote #:	RIN031721
Report To:	Lindsay Parker	Proj. Name:	Hangar 1 - NCTRA WP
Email:	lparker@rinconconsultants.com	Proj. #:	20-10491
Address:	449 15th Street, Suite 303	P.O. #:	
	Oakland, California 94612	Address:	158 Cody Road, Mountain View, CA
Phone:	(651) 890-9556	Global ID:	
Fax:		Sampled By:	T. Sinnott + M. Kim

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	PCBs - EPA Method 8082	Lead - EPA Method 3050/6010B	HOLD
1	~~AFRAME-C7E-LAT-L3-UP-C7.6-HS-230601-P-~~ LA	~~6/1/2023~~	0900	WP	1	--	X		
2	AFRAME-C7E-LAT-L3-UP-C7.6-HS-230601-L- LA	6/1/2023	0900	WP	1	--		X	
3	AFRAME-C6E-LAT-L3-EXT-0 TO 1-230601-P- WF	6/1/2023	1050	WP	1	--	X		
4	AFRAME-C6E-LAT-L3-EXT-0 TO 1-230601-L-WF	6/1/2023	1050	WP	1	--		X	
5	AFRAME-C6E-MED-L3-DN-C6.2-DG-230601-P-LA	6/1/2023	1040	WP	1	--	X		
6	AFRAME-C6E-MED-L3-DN-C6.2-DG-230601-L- LA	6/1/2023	1040	WP	1	--		X	
7	AFRAME-C7E-MED-L3-EXT-0 TO 1-230601-P- WF	6/1/2023	1030	WP	1	--	X		
8	AFRAME-C7E-MED-L3-EXT-0 TO 1-230601-L- WF	6/1/2023	1030	WP	1	--		X	
9	AFRAME-C7E-LAT-L3-DN-C7E-DG-230601-P- LA	6/1/2023	1020	WP	1	--	X		
10	AFRAME-C7E-LAT-L3-DN-C7E-DG-230601-L- LA	6/1/2023	1020	WP	1	--		X	
11	AFRAME-C7E-MED-L3-DN-C7.5-DG-230601-P- LA	6/1/2023	1005	WP	1	--	X		
12	AFRAME-C7E-MED-L3-DN-C7.5-DG-230601-P-DUP-LA	6/1/2023	1005	WP	1	--	X		
13	AFRAME-C7E-MED-L3-DN-C7.5-DG-230601-L- LA	6/1/2023	1005	WP	1	--		X	
14	AFRAME-C6E-MED-L2-EXT-0 TO 1-230601-P- WF	6/1/2023	0745	WP	1	--	X		
15	AFRAME-C6E-MED-L2-EXT-0 TO 1-230601-L- WF	6/1/2023	0745	WP	1	--		X	

Analysis Request

Test Instructions / Comments

Confirmation Wipe Samples - Level II Report/Stage 2A Validation

Report PCB concentrations on a µg/100cm2 basis

Report lead concentrations on a µg/ft2 basis

Report Aroclor 1268 concentrations in addition to the standard Aroclors

Wipe samples collected from Zone 4 Enclosure A/B (High Occupancy)

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	TSinnott	Tyler Sinnott	Rincon / Envi. Scientist	6/1/23 / 1540
1 Received By:	Audrey Hudson	AUDREY HUDSON	ENTHALPY	6/1/23 15:40
2 Relinquished By:	Audrey Hudson	"	"	6/1/23 18:24
2 Received By:		TJP	Enthalpy	6.1.23 18:24
3 Relinquished By:		TJP	EA	6.1.23 19:21
3 Received By:			ea	6/2/2023 09:12

ENTHALPY ANALYTICAL

Chain of Custody Record COC ID: 486142

Page: 2 of 6

Turn Around Time (rush by advanced notice only)

Standard:	X (PCBs)	5 Day:		3 Day:	
2 Day:		1 Day:	X (Pb)	Custom TAT:	

Enthalpy Analytical - Orange
931 W. Barkley Avenue, Orange, CA 92868
Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

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Report: Level II data validation

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants, Inc.	Quote #:	RIN031721
Report To:	Lindsay Parker	Proj. Name:	Hangar 1 - NCTRA WP
Email:	lparker@rinconconsultants.com	Proj. #:	20-10491
Address:	449 15th Street, Suite 303	P.O. #:	
	Oakland, California 94612	Address:	158 Cody Road, Mountain View, CA
Phone:	(651) 890-9556	Global ID:	
Fax:		Sampled By:	T. Sinnott + M. Kim

Test Instructions / Comments

Confirmation Wipe Samples - Level II Report/Stage 2A Validation

Report PCB concentrations on a µg/100cm2 basis

Report lead concentrations on a µg/ft2 basis

Report Aroclor 1268 concentrations in addition to the standard Aroclors

Wipe samples collected from Zone 4 Enclosure A/B (High Occupancy)

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	PCBs - EPA Method 8082	Lead - EPA Method 3050/6010B	HOLD
16	AFRAME-C6E-MED-L2-INT-0.5 TO 1-230601-P- FB	6/1/2023	0955	WP	1	--	X		
17	AFRAME-C6E-MED-L2-INT-0.5 TO 1-230601-L- FB	6/1/2023	0955	WP	1	--		X	
18	AFRAME-C6E-MED-L2-UP-C6.6-DG-230601-P- LA	6/1/2023	0845	WP	1	--	X		
19	AFRAME-C6E-MED-L2-UP-C6.6-DG-230601-P-DUP- LA	6/1/2023	0845	WP	1	--	X		
20	AFRAME-C6E-MED-L2-UP-C6.6-DG-230601-L- LA	6/1/2023	0845	WP	1	--		X	
21	AFRAME-C7E-MED-L2-HS-1-230601-P- G7	6/1/2023	0950	WP	1	--	X		
22	AFRAME-C7E-MED-L2-HS-1-230601-L- G7	6/1/2023	0950	WP	1	--		X	
23	AFRAME-C7E-LAT-L2-INT-0.5 TO 1-230601-P- FB	6/1/2023	0910	WP	1	--	X		
24	AFRAME-C7E-LAT-L2-INT-0.5 TO 1-230601-L- FB	6/1/2023	0910	WP	1	--		X	
25	AFRAME-C7E-LAT-L2-EXT-0 TO 1-230601-P- WF	6/1/2023	0925	WP	1	--	X		
26	AFRAME-C7E-LAT-L2-EXT-0 TO 1-230601-L- WF	6/1/2023	0925	WP	1	--		X	
27	AFRAME-C7E-LAT-L2-EXT-0 TO 1-230601-L-DUP- WF	6/1/2023	0925	WP	1	--		X	
28	AFRAME-C7E-LAT-L2-UP-C7.1-VS-230601-P- I	6/1/2023	0940	WP	1	--	X		
29	AFRAME-C7E-LAT-L2-UP-C7.1-VS-230601-L- I	6/1/2023	0940	WP	1	--		X	
30	AFRAME-C7E-MED-L2-UP-C7.2-DG-230601-P- LA	6/1/2023	0855	WP	1	--	X		

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:	TSinnott	Tyler Sinnott	Rincon / Envi. Scientist	6/1/23 / 1540
[1] Received By:	Audrey Hudson	Audrey Hudson	ENTHALPY	6/1/23 15:40
[2] Relinquished By:	Audrey Hudson	"	"	6/1/23 18:19
[2] Received By:		JJP	EA	6.1.23 18:24
[3] Relinquished By:		JJP	EA	6.1.23 19:21
[3] Received By:		Jmmk	EA	6/2/2023 09:1-

ENTHALPY ANALYTICAL

Chain of Custody Record COC ID: 486142

Page: 3 of 6

Turn Around Time (rush by advanced notice only)					
Standard:	X (PCBs)	5 Day:		3 Day:	
2 Day:		1 Day:	X (Pb)	Custom TAT:	

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Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants, Inc.	Quote #:	RIN031721
Report To:	Lindsay Parker	Proj. Name:	Hangar 1 - NCTRA WP
Email:	lparker@rinconconsultants.com	Proj. #:	20-10491
Address:	449 15th Street, Suite 303	P.O. #:	
	Oakland, California 94612	Address:	158 Cody Road, Mountain View, CA
Phone:	(651) 890-9556	Global ID:	
Fax:		Sampled By:	T. Sinnott + M. Kim

Analysis Request: PCBs - EPA Method 8082; Lead - EPA Method 3050/6010B; HOLD

Test Instructions / Comments:

Confirmation Wipe Samples - Level II Report/Stage 2A Validation

Report PCB concentrations on a µg/100cm2 basis

Report lead concentrations on a µg/ft2 basis

Report Aroclor 1268 concentrations in addition to the standard Aroclors

Wipe samples collected from Zone 4 Enclosure A/B (High Occupancy)

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	PCBs - EPA Method 8082	Lead - EPA Method 3050/6010B	HOLD	
31	AFRAME-C7E-MED-L2-UP-C7.2-DG-230601-L- LA	6/1/2023	0855	WP	1	--		X		
32	AFRAME-C6E-LAT-L2-INT-0 TO 0.5-230601-P-FB	6/1/2023	0810	WP	1	--	X			
33	AFRAME-C6E-LAT-L2-INT-0 TO 0.5-230601-L- FB	6/1/2023	0810	WP	1	--		X		
34	AFRAME-C6E-LAT-L2-DN-C6.1-DG-230601-P- LA	6/1/2023	0825	WP	1	--	X			
35	AFRAME-C6E-LAT-L2-DN-C6.1-DG-230601-L- LA	6/1/2023	0825	WP	1	--		X		
36	AFRAME-C7E-MED-L2-INT-0 TO 0.5-230601-P- FB	6/1/2023	1000	WP	1	--	X			
37	AFRAME-C7E-MED-L2-INT-0 TO 0.5-230601-L- FB	6/1/2023	1000	WP	1	--		X		
38	AFRAME-C7E-MED-L2-EXT-0 TO 1-230601-P- WF	6/1/2023	1020	WP	1	--	X			
39	AFRAME-C7E-MED-L2-EXT-0 TO 1-230601-L- WF	6/1/2023	1020	WP	1	--		X		
40	AFRAME-C7E-MED-L2-DN-C7.5-VS-230601-P- LA	6/1/2023	1040	WP	1	--	X			2x Rivet Type 2 = 0.0200 ft2
41	AFRAME-C7E-MED-L2-DN-C7.5-VS-230601-P-DUP- LA	6/1/2023	1040	WP	1	--	X			
42	AFRAME-C7E-MED-L2-DN-C7.5-VS-230601-L- LA	6/1/2023	1040	WP	1	--		X		2x Rivet Type 2 = 0.0200 ft2
43	AFRAME-C6E-MED-L1-HS-3-230601-P-[illegible]	6/1/2023	1050	WP	1	--	X			
44	AFRAME-C6E-MED-L1-HS-3-230601-L-[illegible]	6/1/2023	1050	WP	1	--		X		
45	AFRAME-C6E-MED-L1-HS-3-230601-P-A	6/1/2023	1100	WP	1	--	X			

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	T Sinnott	Tyler Sinnott	Rincon / Envi. Scientist	6/1/23 / 1540
1 Received By:	Audrey Hudson	AUDREY HUDSON	ENTHALPY	6/1/23 1540
2 Relinquished By:	Audrey Hudson	"	"	6/1/23 ~~1540~~ 18:24
2 Received By:		JJP	EA	6.1.23 18:24
3 Relinquished By:		JJP	EA	6.1.23 19:21
3 Received By:		[illegible]	[illegible]	6-2-2023 09:12

ENTHALPY ANALYTICAL

Enthalpy Analytical - Orange
931 W. Barkley Avenue, Orange, CA 92868
Phone 714-771-6900

Chain of Custody Record

COC ID: 486942
Page: 4 of 6

Turn Around Time (rush by advanced notice only)

Standard:	X (PCBs)	5 Day:		3 Day:	
2 Day:		1 Day:	X (Pb)	Custom TAT:	

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Report: Level II data validation

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants, Inc.	Quote #:	RIN031721
Report To:	Lindsay Parker	Proj. Name:	Hangar 1 - NCTRA WP
Email:	lparker@rinconconsultants.com	Proj. #:	20-10491
Address:	449 15th Street, Suite 303	P.O. #:	
	Oakland, California 94612	Address:	158 Cody Road, Mountain View, CA
Phone:	(651) 890-9556	Global ID:	
Fax:		Sampled By:	T. Sinnott + M. Kim

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	PCBs - EPA Method 8082	Lead - EPA Method 3050/6010B	HOLD	Test Instructions / Comments
46	AFRAME-C6E-MED-L1-HS-3-230601-L-A	6/1/2023	1100	WP	1	--		X		**Confirmation Wipe Samples - Level II Report/Stage 2A Validation**
47	AFRAME-C6E-LAT-L1-HS-3-230601-P-A	6/1/2023	1110	WP	1	--	X			Report PCB concentrations on a µg/100cm2 basis
48	AFRAME-C6E-LAT-L1-HS-3-230601-L-A	6/1/2023	1110	WP	1	--		X		Report lead concentrations on a µg/ft2 basis
49	AFRAME-C6E-LAT-L1-HS-3-230601-L-DUP-A	6/1/2023	1110	WP	1	--		X		Report Aroclor 1268 concentrations in addition to the standard Aroclors
50	AFRAME-C6E-LAT-L1-UP-C6.1-VS-230601-P-I	6/1/2023	1315	WP	1	--	X			Wipe samples collected from Zone 4 Enclosure A/B (High Occupancy)
51	AFRAME-C6E-LAT-L1-UP-C6.1-VS-230601-L-I	6/1/2023	1315	WP	1	--		X		
52	AFRAME-C6E-MED-L1-UP-C6.1-DG-230601-P-SS	6/1/2023	1325	WP	1	--	X			
53	AFRAME-C6E-MED-L1-UP-C6.1-DG-230601-L-SS	6/1/2023	1325	WP	1	--		X		
54	AFRAME-C6E-MED-L1-UP-C6.6-DG-230601-P-SS	6/1/2023	1335	WP	1	--	X			
55	AFRAME-C6E-MED-L1-UP-C6.6-DG-230601-L-SS	6/1/2023	1335	WP	1	--		X		
56	AFRAME-C6E-MED-L1-UP-C6.6-DG-230601-L-DUP-SS	6/1/2023	1335	WP	1	--		X		
57	AFRAME-C7E-LAT-L1-HS-3-230601-P-A	6/1/2023	1350	WP	1	--	X			
58	AFRAME-C7E-LAT-L1-HS-3-230601-L-A	6/1/2023	1350	WP	1	--		X		
59	AFRAME-C7E-LAT-L1-UP-C7.7-VS-230601-P-I	6/1/2023	1400	WP	1	--	X			
60	AFRAME-C7E-LAT-L1-UP-C7.7-VS-230601-L-I	6/1/2023	1400	WP	1	--		X		

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Tyler Sinnott	Rincon / Envi. Scientist	6/1/23 / 1540
[1] Received By:		Audrey Hudson	ENTHALPY	6/1/23 1540
[2] Relinquished By:		"	"	6/1/23 1824
[2] Received By:		JTP	EA	6.1.23 18:24
[3] Relinquished By:		EH	EA	6.1.23 19:21
[3] Received By:		Gmhh	EA	6/2/2023 09:12

ENTHALPY ANALYTICAL

Chain of Custody Record

COC ID:

Page: 5 of 6

Turn Around Time (rush by advanced notice only)

Standard:	X (PCBs)	5 Day:		3 Day:	
2 Day:		1 Day:	X (Pb)	Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Report: Level II data validation

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants, Inc.	Quote #:	RIN031721
Report To:	Lindsay Parker	Proj. Name:	Hangar 1 - NCTRA WP
Email:	lparker@rinconconsultants.com	Proj. #:	20-10491
Address:	~~449 15th Street, Suite 303~~	P.O. #:	
	Oakland, California 94612	Address:	158 Cody Road, Mountain View, CA
Phone:	(651) 890-9556	Global ID:	
Fax:		Sampled By:	T. Sinnott + M. Kim

Test Instructions / Comments

Confirmation Wipe Samples - Level II Report/Stage 2A Validation

Report PCB concentrations on a µg/100cm2 basis

Report lead concentrations on a µg/ft2 basis

Report Aroclor 1268 concentrations in addition to the standard Aroclors

~~Wipe samples collected from Zone 4 Enclosure A/B~~ (High Occupancy)

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	PCBs - EPA Method 8082	Lead - EPA Method 3050/6010B	HOLD
61	AFRAME-C7E-MED-L1-UP-C7.6-DG-230601-P- SS	6/1/2023	1410	WP	1	--	X		
62	AFRAME-C7E-MED-L1-UP-C7.6-DG-230601-L- SS	6/1/2023	1410	WP	1	--		X	
63	AFRAME-C6E-LAT-L1-EXT-1 TO 2-230601-P- WF	6/1/2023	1440	WP	1	--	X		
64	AFRAME-C6E-LAT-L1-EXT-1 TO 2-230601-L- WF	6/1/2023	1440	WP	1	--		X	
65	AFRAME-C6E-MED-L1-INT-1 TO 2-230601-P- FB	6/1/2023	1500	WP	1	--	X		
66	AFRAME-C6E-MED-L1-INT-1 TO 2-230601-L- FB	6/1/2023	1500	WP	1	--		X	
67	AFRAME-C6E-LAT-L1-UP-C6.7-HS-230601-P- LA	6/1/2023	1310	WP	1	--	X		
68	AFRAME-C6E-LAT-L1-UP-C6.7-HS-230601-L- LA	6/1/2023	1310	WP	1	--		X	
69	AFRAME-C7E-LAT-L1-INT-1 TO 2-230601-P- FB	6/1/2023	1330	WP	1	--	X		
70	AFRAME-C7E-LAT-L1-INT-1 TO 2-230601-L- FB	6/1/2023	1330	WP	1	--		X	
71	AFRAME-C7E-LAT-L1-UP-C7E-HS-230601-P- LA	6/1/2023	1340	WP	1	--	X		
72	AFRAME-C7E-LAT-L1-UP-C7E-HS-230601-L- LA	6/1/2023	1340	WP	1	--		X	
73	AFRAME-C6E-MED-L1-EXT-0 TO 1-230601-P- WF	6/1/2023	1455	WP	1	--	X		
74	AFRAME-C6E-MED-L1-EXT-0 TO 1-230601-L- WF	6/1/2023	1455	WP	1	--		X	
75	AFRAME-C6E-MED-L1-DN-C6.7E-DG-230601-P- SS	6/1/2023	1400	WP	1	--	X		

2 x Rivet Type 2 = 0.0200 ft2

2 x Rivet Type 2 = 0.0200 ft2

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:	T Sinnott	Tyler Sinnott	Rincon / Envi. Scientist	6/1/23 / 1540
1 Received By:	Lindsey Hudson	Lindsey Hudson	EARTHCHECK	6/1/23 15:40
2 Relinquished By:	Lindsey Hudson	〃	〃	6/1/23 18:54
2 Received By:			EA	6.1.23 18:24
3 Relinquished By:			EA	6.1.23 19:27
3 Received By:			EA	6.2.2023 09:12

ENTHALPY ANALYTICAL

Chain of Custody Record COC ID: 486742 Page: 6 of 6

Turn Around Time (rush by advanced notice only)

Standard:	X (PCBs)	5 Day:		3 Day:	
2 Day:		1 Day:	X (Pb)	Custom TAT:	

Enthalpy Analytical - Orange
931 W. Barkley Avenue, Orange, CA 92868
Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Report: Level II data validation

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants, Inc.	Quote #:	RIN031721
Report To:	Lindsay Parker	Proj. Name:	Hangar 1 - NCTRA WP
Email:	lparker@rinconconsultants.com	Proj. #:	20-10491
Address:	449 15th Street, Suite 303	P.O. #:	
	Oakland, California 94612	Address:	158 Cody Road, Mountain View, CA
Phone:	(651) 890-9556	Global ID:	
Fax:		Sampled By:	T. Sinnott & M. Kim

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	PCBs - (EPA Method 8082	Lead - EPA Method 3050/6010B	HOLD	Test Instructions / Comments
										Confirmation Wipe Samples - Level II Report/Stage 2A Validation Report PCB concentrations on a µg/100cm2 basis Report lead concentrations on a µg/ft2 basis Report Aroclor 1268 concentrations in addition to the standard Aroclors Wipe samples collected from Zone 4 Enclosure A/B (High Occupancy)
76	AFRAME-C6E-MED-L1-DN-C6 7E-DG-230601-L- SS	6/1/2023	1400	WP	1	--		X		
77	AFRAME-C7E-MED-L1-INT-0 TO 1-230601-P- FB	6/1/2023	1430	WP	1	--	X			
78	AFRAME-C7E-MED-L1-INT-0 TO 1-230601-L- FB	6/1/2023	1430	WP	1	--		X		
79	AFRAME-C7E-LAT-L1-EXT-0 TO 1-230601-P- WP	6/1/2023	1435	WP	1	--	X			
80	AFRAME-C7E-LAT-L1-EXT-0 TO 1-230601-L- WP	6/1/2023	1435	WP	1	--		X		4xRivet Type I = 0.05584 ft²
81	AFRAME-C7E-MED-L1-DN-C7E-DG-230601-P- SS	6/1/2023	1415	WP	1	--	X			
82	AFRAME-C7E-MED-L1-DN-C7E-DG-230601-L- SS	6/1/2023	1415	WP	1	--		X		
83	230601-P-MEDBLANK1	6/1/2023	0734	WP	1	--	X			
84	230601-L-MEDBLANK1	6/1/2023	0734	WP	1	--		X		
85	230601-P-MEDBLANK2	6/1/2023	0740	WP	1	--	X			
86	230601-L-MEDBLANK2	6/1/2023	0740	WP	1	--		X		
87	230601-P-MEDBLANK3	6/1/2023	1320	WP	1	--	X			
88	230601-L-MEDBLANK3	6/1/2023	1320	WP	1	--		X		
89										
90										

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:	TSinnott	Tyler Sinnott	Rincon / Envi. Scientist	6/1/23 / 1540
[1] Received By:	Audrey Hudson	Audrey Hudson	ENTHALPY	6/1/23 15:40
[2] Relinquished By:	Audrey Hudson	"	"	6/1/23 18:24
[2] Received By:			EA	6-1-23 18:24
[3] Relinquished By:			EA	6-1-23 19:21
[3] Received By:				6/2/2023 0912

The below sample checklist was completed after delivery of samples by the laboratory provided courier or Rincon personnel to Enthalpy Analytical in Berkeley, CA, therefore no custody seals were applied to the cooler.

SAMPLE RECEIPT CHECKLIST

Section 1: Login # 486142 Client: Rincon

Date Received: 6/1/23 Project: _____

Section 2: Shipping info (if applicable) _____

Are custody seals present? ☒ No, or ☐ Yes. If yes, where? ☐ on cooler, ☐ on samples, ☐ on package

☐ Date: _____ How many _____ ☐ Signature, ☐ Initials, ☐ None

Were custody seals intact upon arrival? ☐ Yes ☐ No ☐ N/A

Samples received in a cooler? ☒ Yes, how many? 1 ☐ No (**skip Section 3 below**)

If no cooler Sample Temp (°C): _____ using IR Gun # ☐ B, or ☐ C

☒ Samples received on ice directly from the field. Cooling process had begun

If in cooler: Date Opened 6/1/23 By (print) MAG for STH (sign) _____

Section 3: ***Important*: Notify PM if temperature exceeds 6°C or arrive frozen.**

Packing in cooler: (if other, describe) _____

☐ Bubble Wrap, ☐ Foam blocks, ☒ Bags, ☐ None, ☐ Cloth material, ☐ Cardboard, ☐ Styrofoam, ☐ Paper towels

☒ Samples received on ice directly from the field. Cooling process had begun

Type of ice used : ☐ Wet, ☐ Blue/Gel, ☐ None Temperature blank(s) included? ☐ Yes, ☐ No

Temperature measured using ☐ Thermometer ID: _____, or IR Gun # ☐ B ☐ C

Cooler Temp (°C): #1: _____, #2: _____, #3: _____, #4: _____, #5: _____, #6: _____, #7: _____

Section 4:	YES	NO	N/A
Were custody papers dry, filled out properly, and the project identifiable	✓		
Were Method 5035 sampling containers present?		✓	
If YES, what time were they transferred to freezer? _____			
Did all bottles arrive unbroken/unopened?	✓		
Are there any missing / extra samples?			
Are samples in the appropriate containers for indicated tests?			
Are sample labels present, in good condition and complete?			
Does the container count match the COC?			
Do the sample labels agree with custody papers?			
Was sufficient amount of sample sent for tests requested?			
Did you change the hold time in LIMS for unpreserved VOAs?			
Did you change the hold time in LIMS for preserved terracores?			
Are bubbles > 6mm present in VOA samples?			
Was the client contacted concerning this sample delivery?			
If YES, who was called? _____ By _____ Date: _____			

Section 5:	YES	NO	N/A
Are the samples appropriately preserved? (if N/A, skip the rest of section 5)			
Did you check preservatives for all bottles for each sample?			
Did you document your preservative check?			

pH strip lot# _____, pH strip lot# _____, pH strip lot# _____

Preservative added:

☐ H2SO4 lot# _____ added to samples _____ on/at _____

☐ HCL lot# _____ added to samples _____ on/at _____

☐ HNO3 lot# _____ added to samples _____ on/at _____

☐ NaOH lot# _____ added to samples _____ on/at _____

Section 6:

Explanations/Comments: _____

Date Logged in 6/1/23 **By (print)** MAG for JJP **(sign)** _____

Date Labeled 6/2/23 **By (print)** ORANGE SR **(sign)** _____

The below sample checklist was completed after the samples were shipped from the Enthalpy Analytical location in Berkeley, CA to the Enthalpy Analytical location in Orange, CA.

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

486142

Section 1

Client: Rincon Consultants Project: Hangar 1 NTCRA

Date Received: 06/02/23 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 5.5 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: Southwest Airlines

Section 3

Was the cooler packed with: ☑ Ice ☑ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 1.0 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✔		
Are sample IDs present?	✔		
Are sampling dates & times present?	✔		
Is a relinquished signature present?	✔		
Are the tests required clearly indicated on the COC?	✔		
Are custody seals present?	✔		
If custody seals are present, were they intact?	✔		
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			✔
Did all samples arrive intact? If no, indicate in Section 4 below.	✔		
Did all bottle labels agree with COC? (ID, dates and times)	✔		
Were the samples collected in the correct containers for the required tests?	✔		
Are the containers labeled with the correct preservatives?			✔
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✔
Was a sufficient amount of sample submitted for the requested tests?	✔		

Section 5 Explanations/Comments

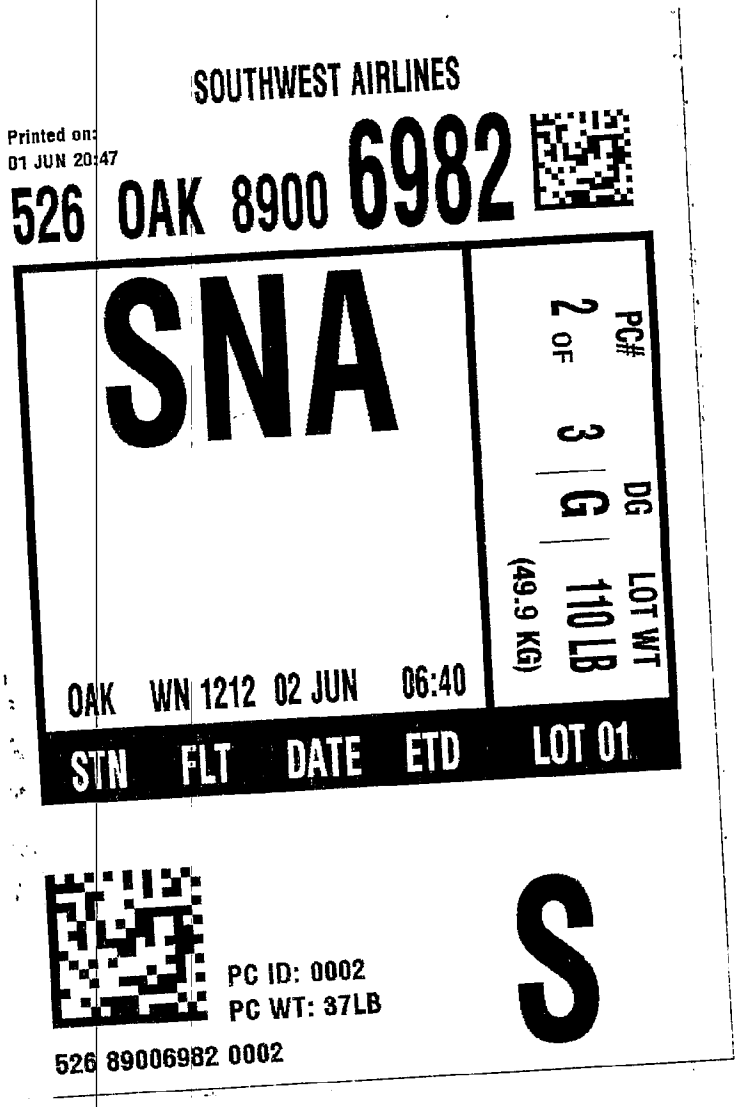
Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: JUN 02 2023


SOUTHWEST AIRLINES
Printed on:
01 JUN 20:47
526 OAK 8900 6982
SNA
PC# 2 OF 3
DG G
LOT WT 110 LB (49.9 KG)
OAK WN 1212 02 JUN 06:40
STN FLT DATE ETD LOT 01
PC ID: 0002
PC WT: 37LB
S
526 89006982 0002

1.9/5.5

Enthalpy Analytical - Orange Analytical Report

Lab #: 486142 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C7E-LAT-L3-UP-C7.6-HS-230601-P-LA **Batch#:** 315333 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486142-001 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/02/23

DiIn Fac: 1.000 **Analyzed:** 06/03/23

486142-001 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486142-001 Surrogate	%REC	Limits
TCMX (PCB)	67	19-121
Decachlorobiphenyl (PCB)	75	19-121

Field ID: AFRAME-C6E-LAT-L3-EXT-0 TO 1-230601-P-WF **Batch#:** 315333 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486142-003 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/02/23

DiIn Fac: 1.000 **Analyzed:** 06/03/23

486142-003 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486142-003 Surrogate	%REC	Limits
TCMX (PCB)	57	19-121
Decachlorobiphenyl (PCB)	64	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 486142 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C6E-MED-L3-DN-C6.2-DG-230601-P-LA **Batch#:** 315333 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486142-005 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/02/23

DiIn Fac: 1.000 **Analyzed:** 06/03/23

486142-005 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486142-005 Surrogate	%REC	Limits
TCMX (PCB)	54	19-121
Decachlorobiphenyl (PCB)	62	19-121

Field ID: AFRAME-C7E-MED-L3-EXT-0 TO 1-230601-P-WF **Batch#:** 315333 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486142-007 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/02/23

DiIn Fac: 1.000 **Analyzed:** 06/03/23

486142-007 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486142-007 Surrogate	%REC	Limits
TCMX (PCB)	68	19-121
Decachlorobiphenyl (PCB)	78	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 486142 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C7E-LAT-L3-DN-C7E-DG-230601-P-LA **Batch#:** 315333 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486142-009 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/02/23

DiIn Fac: 1.000 **Analyzed:** 06/03/23

486142-009 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486142-009 Surrogate	%REC	Limits
TCMX (PCB)	62	19-121
Decachlorobiphenyl (PCB)	71	19-121

Field ID: AFRAME-C7E-MED-L3-DN-C7.5-DG-230601-P-LA **Batch#:** 315333 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486142-011 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/02/23

DiIn Fac: 1.000 **Analyzed:** 06/03/23

486142-011 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486142-011 Surrogate	%REC	Limits
TCMX (PCB)	63	19-121
Decachlorobiphenyl (PCB)	71	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 486142 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C7E-MED-L3-DN-C7.5-DG-230601-P-DUP-LA **Batch#:** 315333 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486142-012 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/02/23

Diln Fac: 1.000 **Analyzed:** 06/03/23

486142-012 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486142-012 Surrogate	%REC	Limits
TCMX (PCB)	62	19-121
Decachlorobiphenyl (PCB)	68	19-121

Field ID: AFRAME-C6E-MED-L2-EXT-0 TO 1-230601-P-WF **Batch#:** 315333 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486142-014 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/02/23

Diln Fac: 1.000 **Analyzed:** 06/03/23

486142-014 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486142-014 Surrogate	%REC	Limits
TCMX (PCB)	61	19-121
Decachlorobiphenyl (PCB)	67	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 486142 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C6E-MED-L2-INT-0.5 TO 1-230601-P-FB **Batch#:** 315333 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486142-016 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/02/23

DiIn Fac: 1.000 **Analyzed:** 06/03/23

486142-016 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486142-016 Surrogate	%REC	Limits
TCMX (PCB)	57	19-121
Decachlorobiphenyl (PCB)	62	19-121

Field ID: AFRAME-C6E-MED-L2-UP-C6.6-DG-230601-P-LA **Batch#:** 315333 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486142-018 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/02/23

DiIn Fac: 1.000 **Analyzed:** 06/03/23

486142-018 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486142-018 Surrogate	%REC	Limits
TCMX (PCB)	54	19-121
Decachlorobiphenyl (PCB)	59	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 486142 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C6E-MED-L2-UP-C6.6-DG-230601-P-DUP-LA **Batch#:** 315333 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486142-019 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/02/23

Diln Fac: 1.000 **Analyzed:** 06/03/23

486142-019 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486142-019 Surrogate	%REC	Limits
TCMX (PCB)	49	19-121
Decachlorobiphenyl (PCB)	59	19-121

Field ID: AFRAME-C7E-MED-L2-HS-1-230601-P-G **Batch#:** 315333 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486142-021 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/02/23

Diln Fac: 1.000 **Analyzed:** 06/04/23

486142-021 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486142-021 Surrogate	%REC	Limits
TCMX (PCB)	47	19-121
Decachlorobiphenyl (PCB)	55	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 486142 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C7E-LAT-L2-INT-0.5 TO 1-230601-P-FB **Batch#:** 315333 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486142-023 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/02/23

DiIn Fac: 1.000 **Analyzed:** 06/04/23

486142-023 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486142-023 Surrogate	%REC	Limits
TCMX (PCB)	45	19-121
Decachlorobiphenyl (PCB)	51	19-121

Field ID: AFRAME-C7E-LAT-L2-EXT-0 TO 1-230601-P-WF **Batch#:** 315333 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486142-025 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/02/23

DiIn Fac: 1.000 **Analyzed:** 06/04/23

486142-025 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486142-025 Surrogate	%REC	Limits
TCMX (PCB)	56	19-121
Decachlorobiphenyl (PCB)	63	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 486142 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C7E-LAT-L2-UP-C7.1-VS-230601-P-I **Batch#:** 315333 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486142-028 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/02/23

Diln Fac: 1.000 **Analyzed:** 06/04/23

486142-028 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486142-028 Surrogate	%REC	Limits
TCMX (PCB)	65	19-121
Decachlorobiphenyl (PCB)	79	19-121

Field ID: AFRAME-C7E-MED-L2-UP-C7.2-DG-230601-P-LA **Batch#:** 315333 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486142-030 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/02/23

Diln Fac: 1.000 **Analyzed:** 06/04/23

486142-030 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486142-030 Surrogate	%REC	Limits
TCMX (PCB)	42	19-121
Decachlorobiphenyl (PCB)	49	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 486142 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C6E-LAT-L2-INT-0 TO 0.5-230601-P-FB **Batch#:** 315333 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486142-032 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/02/23

DiIn Fac: 1.000 **Analyzed:** 06/04/23

486142-032 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486142-032 Surrogate	%REC	Limits
TCMX (PCB)	46	19-121
Decachlorobiphenyl (PCB)	53	19-121

Field ID: AFRAME-C6E-LAT-L2-DN-C6.1-DG-230601-P-LA **Batch#:** 315333 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486142-034 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/02/23

DiIn Fac: 1.000 **Analyzed:** 06/04/23

486142-034 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486142-034 Surrogate	%REC	Limits
TCMX (PCB)	50	19-121
Decachlorobiphenyl (PCB)	55	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 486142 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C7E-MED-L2-INT-0 TO 0.5-230601-P-FB **Batch#:** 315333 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486142-036 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/02/23

DiIn Fac: 1.000 **Analyzed:** 06/04/23

486142-036 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486142-036 Surrogate	%REC	Limits
TCMX (PCB)	51	19-121
Decachlorobiphenyl (PCB)	56	19-121

Field ID: AFRAME-C7E-MED-L2-EXT-0 TO 1-230601-P-WF **Batch#:** 315333 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486142-038 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/02/23

DiIn Fac: 1.000 **Analyzed:** 06/04/23

486142-038 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486142-038 Surrogate	%REC	Limits
TCMX (PCB)	43	19-121
Decachlorobiphenyl (PCB)	48	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 486142 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C7E-MED-L2-DN-C7.5-VS-230601-P-LA **Batch#:** 315385 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486142-040 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/05/23

DiIn Fac: 1.000 **Analyzed:** 06/06/23

486142-040 Analyte	Result	RL	Units
Aroclor-1016	ND	0.42	ug/100 cm2
Aroclor-1221	ND	0.42	ug/100 cm2
Aroclor-1232	ND	0.42	ug/100 cm2
Aroclor-1242	ND	0.42	ug/100 cm2
Aroclor-1248	ND	0.42	ug/100 cm2
Aroclor-1254	ND	0.42	ug/100 cm2
Aroclor-1260	ND	0.42	ug/100 cm2
Aroclor-1262	ND	0.42	ug/100 cm2
Aroclor-1268	ND	0.42	ug/100 cm2

486142-040 Surrogate	%REC	Limits
TCMX (PCB)	59	19-121
Decachlorobiphenyl (PCB)	58	19-121

Field ID: AFRAME-C7E-MED-L2-DN-C7.5-VS-230601-P-DUP-LA **Batch#:** 315385 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486142-041 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/05/23

DiIn Fac: 1.000 **Analyzed:** 06/06/23

486142-041 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486142-041 Surrogate	%REC	Limits
TCMX (PCB)	63	19-121
Decachlorobiphenyl (PCB)	61	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 486142 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C6E-MED-L1-HS-3-230601-P-G **Batch#:** 315385 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486142-043 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/05/23

Diln Fac: 1.000 **Analyzed:** 06/06/23

486142-043 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486142-043 Surrogate	%REC	Limits
TCMX (PCB)	65	19-121
Decachlorobiphenyl (PCB)	62	19-121

Field ID: AFRAME-C6E-MED-L1-HS-3-230601-P-A **Batch#:** 315385 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486142-045 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/05/23

Diln Fac: 1.000 **Analyzed:** 06/06/23

486142-045 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486142-045 Surrogate	%REC	Limits
TCMX (PCB)	65	19-121
Decachlorobiphenyl (PCB)	62	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 486142 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C6E-LAT-L1-HS-3-230601-P-A **Batch#:** 315385 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486142-047 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/05/23

DiIn Fac: 1.000 **Analyzed:** 06/06/23

486142-047 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486142-047 Surrogate	%REC	Limits
TCMX (PCB)	69	19-121
Decachlorobiphenyl (PCB)	65	19-121

Field ID: AFRAME-C6E-LAT-L1-UP-C6.1-VS-230601-P-I **Batch#:** 315385 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486142-050 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/05/23

DiIn Fac: 1.000 **Analyzed:** 06/06/23

486142-050 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486142-050 Surrogate	%REC	Limits
TCMX (PCB)	70	19-121
Decachlorobiphenyl (PCB)	68	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 486142 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C6E-MED-L1-UP-C6.1-DG-230601-P-SS **Batch#:** 315385 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486142-052 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/05/23

DiIn Fac: 1.000 **Analyzed:** 06/06/23

486142-052 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486142-052 Surrogate	%REC	Limits
TCMX (PCB)	70	19-121
Decachlorobiphenyl (PCB)	67	19-121

Field ID: AFRAME-C6E-MED-L1-UP-C6.6-DG-230601-P-SS **Batch#:** 315385 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486142-054 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/05/23

DiIn Fac: 1.000 **Analyzed:** 06/06/23

486142-054 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486142-054 Surrogate	%REC	Limits
TCMX (PCB)	72	19-121
Decachlorobiphenyl (PCB)	68	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 486142 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C7E-LAT-L1-HS-3-230601-P-A **Batch#:** 315385 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486142-057 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/05/23

DiIn Fac: 1.000 **Analyzed:** 06/06/23

486142-057 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486142-057 Surrogate	%REC	Limits
TCMX (PCB)	65	19-121
Decachlorobiphenyl (PCB)	61	19-121

Field ID: AFRAME-C7E-LAT-L1-UP-C7.7-VS-230601-P-I **Batch#:** 315385 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486142-059 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/05/23

DiIn Fac: 1.000 **Analyzed:** 06/06/23

486142-059 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486142-059 Surrogate	%REC	Limits
TCMX (PCB)	69	19-121
Decachlorobiphenyl (PCB)	67	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 486142 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C7E-MED-L1-UP-C7.6-DG-230601-P-SS **Batch#:** 315385 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486142-061 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/05/23

DiIn Fac: 1.000 **Analyzed:** 06/06/23

486142-061 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486142-061 Surrogate	%REC	Limits
TCMX (PCB)	73	19-121
Decachlorobiphenyl (PCB)	73	19-121

Field ID: AFRAME-C6E-LAT-L1-EXT-1 TO 2-230601-P-WF **Batch#:** 315385 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486142-063 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/05/23

DiIn Fac: 1.000 **Analyzed:** 06/06/23

486142-063 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486142-063 Surrogate	%REC	Limits
TCMX (PCB)	71	19-121
Decachlorobiphenyl (PCB)	66	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 486142 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C6E-MED-L1-INT-1 TO 2-230601-P-FB **Batch#:** 315385 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486142-065 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/05/23

DiIn Fac: 1.000 **Analyzed:** 06/06/23

486142-065 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486142-065 Surrogate	%REC	Limits
TCMX (PCB)	68	19-121
Decachlorobiphenyl (PCB)	66	19-121

Field ID: AFRAME-C6E-LAT-L1-UP-C6.7-HS-230601-P-LA **Batch#:** 315385 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486142-067 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/05/23

DiIn Fac: 1.000 **Analyzed:** 06/06/23

486142-067 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486142-067 Surrogate	%REC	Limits
TCMX (PCB)	61	19-121
Decachlorobiphenyl (PCB)	60	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 486142 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C7E-LAT-L1-INT-1 TO 2-230601-P-FB **Batch#:** 315385 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486142-069 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/05/23

DiIn Fac: 1.000 **Analyzed:** 06/06/23

486142-069 Analyte	Result	RL	Units
Aroclor-1016	ND	0.42	ug/100 cm2
Aroclor-1221	ND	0.42	ug/100 cm2
Aroclor-1232	ND	0.42	ug/100 cm2
Aroclor-1242	ND	0.42	ug/100 cm2
Aroclor-1248	ND	0.42	ug/100 cm2
Aroclor-1254	ND	0.42	ug/100 cm2
Aroclor-1260	ND	0.42	ug/100 cm2
Aroclor-1262	ND	0.42	ug/100 cm2
Aroclor-1268	ND	0.42	ug/100 cm2

486142-069 Surrogate	%REC	Limits
TCMX (PCB)	65	19-121
Decachlorobiphenyl (PCB)	62	19-121

Field ID: AFRAME-C7E-LAT-L1-UP-C7E-HS-230601-P-LA **Batch#:** 315385 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486142-071 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/05/23

DiIn Fac: 1.000 **Analyzed:** 06/06/23

486142-071 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486142-071 Surrogate	%REC	Limits
TCMX (PCB)	76	19-121
Decachlorobiphenyl (PCB)	68	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 486142 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C6E-MED-L1-EXT-0 TO 1-230601-P-WF **Batch#:** 315385 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486142-073 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/05/23

DiIn Fac: 1.000 **Analyzed:** 06/06/23

486142-073 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486142-073 Surrogate	%REC	Limits
TCMX (PCB)	67	19-121
Decachlorobiphenyl (PCB)	66	19-121

Field ID: AFRAME-C6E-MED-L1-DN-C6.7E-DG-230601-P-SS **Batch#:** 315385 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486142-075 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/05/23

DiIn Fac: 1.000 **Analyzed:** 06/06/23

486142-075 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486142-075 Surrogate	%REC	Limits
TCMX (PCB)	75	19-121
Decachlorobiphenyl (PCB)	70	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 486142 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C7E-MED-L1-INT-0 TO 1-230601-P-FB **Batch#:** 315385 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486142-077 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/05/23

DiIn Fac: 1.000 **Analyzed:** 06/06/23

486142-077 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486142-077 Surrogate	%REC	Limits
TCMX (PCB)	71	19-121
Decachlorobiphenyl (PCB)	67	19-121

Field ID: AFRAME-C7E-LAT-L1-EXT-0 TO 1-230601-P-WF **Batch#:** 315385 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486142-079 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/05/23

DiIn Fac: 1.000 **Analyzed:** 06/06/23

486142-079 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486142-079 Surrogate	%REC	Limits
TCMX (PCB)	63	19-121
Decachlorobiphenyl (PCB)	59	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 486142 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C7E-MED-L1-DN-C7E-DG-230601-P-SS **Batch#:** 315386 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486142-081 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/05/23

Diln Fac: 1.000 **Analyzed:** 06/05/23

486142-081 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486142-081 Surrogate	%REC	Limits
TCMX (PCB)	71	19-121
Decachlorobiphenyl (PCB)	68	19-121

Field ID: 230601-P-MEDBLANK1 **Batch#:** 315386 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486142-083 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/05/23

Diln Fac: 1.000 **Analyzed:** 06/05/23

486142-083 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486142-083 Surrogate	%REC	Limits
TCMX (PCB)	72	19-121
Decachlorobiphenyl (PCB)	69	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 486142 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: 230601-P-MEDBLANK2 **Batch#:** 315386 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486142-085 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/05/23

Diln Fac: 1.000 **Analyzed:** 06/05/23

486142-085 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486142-085 Surrogate	%REC	Limits
TCMX (PCB)	71	19-121
Decachlorobiphenyl (PCB)	65	19-121

Field ID: 230601-P-MEDBLANK3 **Batch#:** 315386 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 8082

Lab ID: 486142-087 **Received:** 06/01/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 06/05/23

Diln Fac: 1.000 **Analyzed:** 06/06/23

486142-087 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

486142-087 Surrogate	%REC	Limits
TCMX (PCB)	58	19-121
Decachlorobiphenyl (PCB)	54	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 486142 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Type: BLANK **Batch#:** 315333 **Analysis:** EPA 8082
Lab ID: QC1070462 **Prepared:** 06/02/23 **Analyst:** MES
Matrix: Wipe **Analyzed:** 06/03/23
Diln Fac: 1.000 **Prep:** EPA 3546

QC1070462 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

QC1070462 Surrogate	%REC	Limits
TCMX (PCB)	68	19-121
Decachlorobiphenyl (PCB)	83	19-121

Type: BLANK **Batch#:** 315385 **Analysis:** EPA 8082
Lab ID: QC1070654 **Prepared:** 06/05/23 **Analyst:** MES
Matrix: Wipe **Analyzed:** 06/06/23
Diln Fac: 1.000 **Prep:** EPA 3546

QC1070654 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

QC1070654 Surrogate	%REC	Limits
TCMX (PCB)	74	19-121
Decachlorobiphenyl (PCB)	74	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 486142 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Type: BLANK **Batch#:** 315386 **Analysis:** EPA 8082

Lab ID: QC1070657 **Prepared:** 06/05/23 **Analyst:** MES

Matrix: Wipe **Analyzed:** 06/05/23

Dil'n Fac: 1.000 **Prep:** EPA 3546

QC1070657 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

QC1070657 Surrogate	%REC	Limits
TCMX (PCB)	70	19-121
Decachlorobiphenyl (PCB)	74	19-121

Legend

ND: Not Detected

RL: Reporting Limit

Enthalpy Analytical - Orange Analytical Report: Batch QC

Lab #: 486142 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Type: BS **Batch#:** 315333 **Analysis:** EPA 8082

Lab ID: QC1070463 **Prepared:** 06/02/23 **Analyst:** MES

Matrix: Wipe **Analyzed:** 06/03/23

Diln Fac: 1.000 **Prep:** EPA 3546

QC1070463 Analyte	Spiked	Result	%REC	Limits	Units
Aroclor-1016	5.000	3.937	79	60-140	ug/100 cm2
Aroclor-1260	5.000	4.168	83	60-140	ug/100 cm2

QC1070463 Surrogate	%REC	Limits
TCMX (PCB)	64	19-121
Decachlorobiphenyl (PCB)	75	19-121

Type: BSD **Batch#:** 315333 **Analysis:** EPA 8082

Lab ID: QC1070464 **Prepared:** 06/02/23 **Analyst:** MES

Matrix: Wipe **Analyzed:** 06/03/23

Diln Fac: 1.000 **Prep:** EPA 3546

QC1070464 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
Aroclor-1016	5.000	4.203	84	60-140	ug/100 cm2	7	20
Aroclor-1260	5.000	4.525	91	60-140	ug/100 cm2	8	20

QC1070464 Surrogate	%REC	Limits
TCMX (PCB)	68	19-121
Decachlorobiphenyl (PCB)	81	19-121

Legend

RPD: Relative Percent Difference

Enthalpy Analytical - Orange Analytical Report: Batch QC

Lab #: 486142 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Type: BS **Batch#:** 315385 **Analysis:** EPA 8082

Lab ID: QC1070655 **Prepared:** 06/05/23 **Analyst:** MES

Matrix: Wipe **Analyzed:** 06/06/23

Diln Fac: 1.000 **Prep:** EPA 3546

QC1070655 Analyte	Spiked	Result	%REC	Limits	Units
Aroclor-1016	5.000	4.073	81	60-140	ug/100 cm2
Aroclor-1260	5.000	3.970	79	60-140	ug/100 cm2

QC1070655 Surrogate	%REC	Limits
TCMX (PCB)	72	19-121
Decachlorobiphenyl (PCB)	72	19-121

Type: BSD **Batch#:** 315385 **Analysis:** EPA 8082

Lab ID: QC1070656 **Prepared:** 06/05/23 **Analyst:** MES

Matrix: Wipe **Analyzed:** 06/06/23

Diln Fac: 1.000 **Prep:** EPA 3546

QC1070656 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
Aroclor-1016	5.000	4.341	87	60-140	ug/100 cm2	6	20
Aroclor-1260	5.000	4.293	86	60-140	ug/100 cm2	8	20

QC1070656 Surrogate	%REC	Limits
TCMX (PCB)	78	19-121
Decachlorobiphenyl (PCB)	79	19-121

Legend

RPD: Relative Percent Difference

Enthalpy Analytical - Orange Analytical Report: Batch QC

Lab #: 486142 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Type: BS **Batch#:** 315386 **Analysis:** EPA 8082

Lab ID: QC1070658 **Prepared:** 06/05/23 **Analyst:** MES

Matrix: Wipe **Analyzed:** 06/05/23

Diln Fac: 1.000 **Prep:** EPA 3546

QC1070658 Analyte	Spiked	Result	%REC	Limits	Units
Aroclor-1016	5.000	4.008	80	60-140	ug/100 cm2
Aroclor-1260	5.000	3.926	79	60-140	ug/100 cm2

QC1070658 Surrogate	%REC	Limits
TCMX (PCB)	74	19-121
Decachlorobiphenyl (PCB)	77	19-121

Type: BSD **Batch#:** 315386 **Analysis:** EPA 8082

Lab ID: QC1070659 **Prepared:** 06/05/23 **Analyst:** MES

Matrix: Wipe **Analyzed:** 06/05/23

Diln Fac: 1.000 **Prep:** EPA 3546

QC1070659 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
Aroclor-1016	5.000	3.830	77	60-140	ug/100 cm2	5	20
Aroclor-1260	5.000	3.685	74	60-140	ug/100 cm2	6	20

QC1070659 Surrogate	%REC	Limits
TCMX (PCB)	70	19-121
Decachlorobiphenyl (PCB)	72	19-121

Legend

RPD: Relative Percent Difference

ENTHALPY ANALYTICAL

Lead

Lab #: 486142 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C7E-LAT-L3-UP-C7.6-HS-230601-L-LA	**Batch#:** 315308	**Prep:** EPA 3050B
Type: SAMPLE	**Sampled:** 06/01/23	**Analysis:** EPA 6010B
Lab ID: 486142-002	**Received:** 06/01/23	**Analyst:** SBW
Matrix: Wipe	**Prepared:** 06/02/23	
Diln Fac: 1.000	**Analyzed:** 06/02/23	

486142-002 Analyte	Result	RL	Units
Lead	**66**	0.25	ug/ft2

Field ID: AFRAME-C6E-LAT-L3-EXT-0 TO 1-230601-L-WF	**Batch#:** 315308	**Prep:** EPA 3050B
Type: SAMPLE	**Sampled:** 06/01/23	**Analysis:** EPA 6010B
Lab ID: 486142-004	**Received:** 06/01/23	**Analyst:** SBW
Matrix: Wipe	**Prepared:** 06/02/23	
Diln Fac: 1.000	**Analyzed:** 06/02/23	

486142-004 Analyte	Result	RL	Units
Lead	**81**	0.25	ug/ft2

Field ID: AFRAME-C6E-MED-L3-DN-C6.2-DG-230601-L-LA	**Batch#:** 315308	**Prep:** EPA 3050B
Type: SAMPLE	**Sampled:** 06/01/23	**Analysis:** EPA 6010B
Lab ID: 486142-006	**Received:** 06/01/23	**Analyst:** SBW
Matrix: Wipe	**Prepared:** 06/02/23	
Diln Fac: 1.000	**Analyzed:** 06/02/23	

486142-006 Analyte	Result	RL	Units
Lead	**180**	0.25	ug/ft2

Field ID: AFRAME-C7E-MED-L3-EXT-0 TO 1-230601-L-WF	**Batch#:** 315308	**Prep:** EPA 3050B
Type: SAMPLE	**Sampled:** 06/01/23	**Analysis:** EPA 6010B
Lab ID: 486142-008	**Received:** 06/01/23	**Analyst:** SBW
Matrix: Wipe	**Prepared:** 06/02/23	
Diln Fac: 1.000	**Analyzed:** 06/02/23	

486142-008 Analyte	Result	RL	Units
Lead	**110**	0.25	ug/ft2

Field ID: AFRAME-C7E-LAT-L3-DN-C7E-DG-230601-L-LA	**Batch#:** 315308	**Prep:** EPA 3050B
Type: SAMPLE	**Sampled:** 06/01/23	**Analysis:** EPA 6010B
Lab ID: 486142-010	**Received:** 06/01/23	**Analyst:** SBW
Matrix: Wipe	**Prepared:** 06/02/23	
Diln Fac: 1.000	**Analyzed:** 06/02/23	

486142-010 Analyte	Result	RL	Units
Lead	**110**	0.25	ug/ft2

ENTHALPY ANALYTICAL

Lead

Lab #: 486142 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C7E-MED-L3-DN-C7.5-DG-230601-L-LA **Batch#:** 315308 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 6010B
Lab ID: 486142-013 **Received:** 06/01/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 06/02/23
Diln Fac: 1.000 **Analyzed:** 06/02/23

486142-013 Analyte	Result	RL	Units
Lead	**49**	0.25	ug/ft2

Field ID: AFRAME-C6E-MED-L2-EXT-0 TO 1-230601-L-WF **Batch#:** 315308 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 6010B
Lab ID: 486142-015 **Received:** 06/01/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 06/02/23
Diln Fac: 1.000 **Analyzed:** 06/02/23

486142-015 Analyte	Result	RL	Units
Lead	**290**	0.25	ug/ft2

Field ID: AFRAME-C6E-MED-L2-INT-0.5 TO 1-230601-L-FB **Batch#:** 315308 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 6010B
Lab ID: 486142-017 **Received:** 06/01/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 06/02/23
Diln Fac: 1.000 **Analyzed:** 06/02/23

486142-017 Analyte	Result	RL	Units
Lead	**170**	0.25	ug/ft2

Field ID: AFRAME-C6E-MED-L2-UP-C6.6-DG-230601-L-LA **Batch#:** 315312 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 6010B
Lab ID: 486142-020 **Received:** 06/01/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 06/03/23
Diln Fac: 1.000 **Analyzed:** 06/05/23

486142-020 Analyte	Result	RL	Units
Lead	**390**	0.25	ug/ft2

Field ID: AFRAME-C7E-MED-L2-HS-1-230601-L-G **Batch#:** 315312 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 6010B
Lab ID: 486142-022 **Received:** 06/01/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 06/03/23
Diln Fac: 1.000 **Analyzed:** 06/05/23

486142-022 Analyte	Result	RL	Units
Lead	**250**	0.25	ug/ft2

ENTHALPY ANALYTICAL

Lead

Lab #: 486142 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C7E-LAT-L2-INT-0.5 TO 1-230601-L-FB **Batch#:** 315312 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 6010B
Lab ID: 486142-024 **Received:** 06/01/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 06/03/23
Diln Fac: 1.000 **Analyzed:** 06/05/23

486142-024 Analyte	Result	RL	Units
Lead	**180**	0.25	ug/ft2

Field ID: AFRAME-C7E-LAT-L2-EXT-0 TO 1-230601-L-WF **Batch#:** 315312 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 6010B
Lab ID: 486142-026 **Received:** 06/01/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 06/03/23
Diln Fac: 1.000 **Analyzed:** 06/05/23

486142-026 Analyte	Result	RL	Units
Lead	**220**	0.25	ug/ft2

Field ID: AFRAME-C7E-LAT-L2-EXT-0 TO 1-230601-L-DUP-WF **Batch#:** 315312 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 6010B
Lab ID: 486142-027 **Received:** 06/01/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 06/03/23
Diln Fac: 1.000 **Analyzed:** 06/05/23

486142-027 Analyte	Result	RL	Units
Lead	**270**	0.25	ug/ft2

Field ID: AFRAME-C7E-LAT-L2-UP-C7.1-VS-230601-L-I **Batch#:** 315312 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 6010B
Lab ID: 486142-029 **Received:** 06/01/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 06/03/23
Diln Fac: 1.000 **Analyzed:** 06/05/23

486142-029 Analyte	Result	RL	Units
Lead	**12**	0.25	ug/ft2

Field ID: AFRAME-C7E-MED-L2-UP-C7.2-DG-230601-L-LA **Batch#:** 315312 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 6010B
Lab ID: 486142-031 **Received:** 06/01/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 06/03/23
Diln Fac: 1.000 **Analyzed:** 06/05/23

486142-031 Analyte	Result	RL	Units
Lead	**240**	0.25	ug/ft2

ENTHALPY ANALYTICAL

Lead

Lab #: 486142 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C6E-LAT-L2-INT-0 TO 0.5-230601-L-FB **Batch#:** 315312 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 6010B
Lab ID: 486142-033 **Received:** 06/01/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 06/03/23
Dil n Fac: 1.000 **Analyzed:** 06/05/23

486142-033 Analyte	Result	RL	Units
Lead	**420**	0.25	ug/ft2

Field ID: AFRAME-C6E-LAT-L2-DN-C6.1-DG-230601-L-LA **Batch#:** 315312 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 6010B
Lab ID: 486142-035 **Received:** 06/01/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 06/03/23
Dil n Fac: 1.000 **Analyzed:** 06/05/23

486142-035 Analyte	Result	RL	Units
Lead	**140**	0.25	ug/ft2

Field ID: AFRAME-C7E-MED-L2-INT-0 TO 0.5-230601-L-FB **Batch#:** 315312 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 6010B
Lab ID: 486142-037 **Received:** 06/01/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 06/03/23
Dil n Fac: 1.000 **Analyzed:** 06/05/23

486142-037 Analyte	Result	RL	Units
Lead	**310**	0.25	ug/ft2

Field ID: AFRAME-C7E-MED-L2-EXT-0 TO 1-230601-L-WF **Batch#:** 315312 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 6010B
Lab ID: 486142-039 **Received:** 06/01/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 06/03/23
Dil n Fac: 1.000 **Analyzed:** 06/05/23

486142-039 Analyte	Result	RL	Units
Lead	**290**	0.25	ug/ft2

Field ID: AFRAME-C7E-MED-L2-DN-C7.5-VS-230601-L-LA **Batch#:** 315312 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 6010B
Lab ID: 486142-042 **Received:** 06/01/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 06/03/23
Dil n Fac: 1.000 **Analyzed:** 06/05/23

486142-042 Analyte	Result	RL	Units
Lead	**240**	0.25	ug/ft2

ENTHALPY ANALYTICAL

Lead

Lab #: 486142 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C6E-MED-L1-HS-3-230601-L-G **Batch#:** 315312 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 6010B
Lab ID: 486142-044 **Received:** 06/01/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 06/03/23
Diln Fac: 1.000 **Analyzed:** 06/05/23

486142-044 Analyte	Result	RL	Units
Lead	**210**	0.25	ug/ft2

Field ID: AFRAME-C6E-MED-L1-HS-3-230601-L-A **Batch#:** 315312 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 6010B
Lab ID: 486142-046 **Received:** 06/01/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 06/03/23
Diln Fac: 1.000 **Analyzed:** 06/05/23

486142-046 Analyte	Result	RL	Units
Lead	**280**	0.25	ug/ft2

Field ID: AFRAME-C6E-LAT-L1-HS-3-230601-L-A **Batch#:** 315312 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 6010B
Lab ID: 486142-048 **Received:** 06/01/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 06/03/23
Diln Fac: 1.000 **Analyzed:** 06/05/23

486142-048 Analyte	Result	RL	Units
Lead	**330**	0.25	ug/ft2

Field ID: AFRAME-C6E-LAT-L1-HS-3-230601-L-DUP-A **Batch#:** 315312 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 6010B
Lab ID: 486142-049 **Received:** 06/01/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 06/03/23
Diln Fac: 1.000 **Analyzed:** 06/05/23

486142-049 Analyte	Result	RL	Units
Lead	**250**	0.25	ug/ft2

Field ID: AFRAME-C6E-LAT-L1-UP-C6.1-VS-230601-L-I **Batch#:** 315312 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 6010B
Lab ID: 486142-051 **Received:** 06/01/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 06/03/23
Diln Fac: 1.000 **Analyzed:** 06/05/23

486142-051 Analyte	Result	RL	Units
Lead	**300**	0.25	ug/ft2

ENTHALPY ANALYTICAL

Lead

Lab #: 486142 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C6E-MED-L1-UP-C6.1-DG-230601-L-SS **Batch#:** 315312 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 6010B
Lab ID: 486142-053 **Received:** 06/01/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 06/03/23
Diln Fac: 1.000 **Analyzed:** 06/05/23

486142-053 Analyte	Result	RL	Units
Lead	**330**	0.25	ug/ft2

Field ID: AFRAME-C6E-MED-L1-UP-C6.6-DG-230601-L-SS **Batch#:** 315312 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 6010B
Lab ID: 486142-055 **Received:** 06/01/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 06/03/23
Diln Fac: 1.000 **Analyzed:** 06/05/23

486142-055 Analyte	Result	RL	Units
Lead	**260**	0.25	ug/ft2

Field ID: AFRAME-C6E-MED-L1-UP-C6.6-DG-230601-L-DUP-SS **Batch#:** 315312 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 6010B
Lab ID: 486142-056 **Received:** 06/01/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 06/03/23
Diln Fac: 1.000 **Analyzed:** 06/05/23

486142-056 Analyte	Result	RL	Units
Lead	**190**	0.25	ug/ft2

Field ID: AFRAME-C7E-LAT-L1-HS-3-230601-L-A **Batch#:** 315313 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 6010B
Lab ID: 486142-058 **Received:** 06/01/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 06/05/23
Diln Fac: 1.000 **Analyzed:** 06/05/23

486142-058 Analyte	Result	RL	Units
Lead	**290**	0.25	ug/ft2

Field ID: AFRAME-C7E-LAT-L1-UP-C7.7-VS-230601-L-I **Batch#:** 315313 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 6010B
Lab ID: 486142-060 **Received:** 06/01/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 06/05/23
Diln Fac: 1.000 **Analyzed:** 06/05/23

486142-060 Analyte	Result	RL	Units
Lead	**250**	0.25	ug/ft2

ENTHALPY ANALYTICAL

Lead

Lab #: 486142 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C7E-MED-L1-UP-C7.6-DG-230601-L-SS **Batch#:** 315313 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 6010B
Lab ID: 486142-062 **Received:** 06/01/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 06/05/23
Dln Fac: 1.000 **Analyzed:** 06/05/23

486142-062 Analyte	Result	RL	Units
Lead	**10**	0.25	ug/ft2

Field ID: AFRAME-C6E-LAT-L1-EXT-1 TO 2-230601-L-WF **Batch#:** 315313 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 6010B
Lab ID: 486142-064 **Received:** 06/01/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 06/05/23
Dln Fac: 1.000 **Analyzed:** 06/05/23

486142-064 Analyte	Result	RL	Units
Lead	**400**	0.25	ug/ft2

Field ID: AFRAME-C6E-MED-L1-INT-1 TO 2-230601-L-FB **Batch#:** 315313 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 6010B
Lab ID: 486142-066 **Received:** 06/01/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 06/05/23
Dln Fac: 1.000 **Analyzed:** 06/05/23

486142-066 Analyte	Result	RL	Units
Lead	**190**	0.25	ug/ft2

Field ID: AFRAME-C6E-LAT-L1-UP-C6.7-HS-230601-L-LA **Batch#:** 315313 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 6010B
Lab ID: 486142-068 **Received:** 06/01/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 06/05/23
Dln Fac: 1.000 **Analyzed:** 06/05/23

486142-068 Analyte	Result	RL	Units
Lead	**98**	0.25	ug/ft2

Field ID: AFRAME-C7E-LAT-L1-INT-1 TO 2-230601-L-FB **Batch#:** 315313 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 6010B
Lab ID: 486142-070 **Received:** 06/01/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 06/05/23
Dln Fac: 1.000 **Analyzed:** 06/05/23

486142-070 Analyte	Result	RL	Units
Lead	**63**	0.25	ug/ft2

ENTHALPY ANALYTICAL

Lead

Lab #: 486142 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C7E-LAT-L1-UP-C7E-HS-230601-L-LA **Batch#:** 315313 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 6010B
Lab ID: 486142-072 **Received:** 06/01/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 06/05/23
Dil n Fac: 1.000 **Analyzed:** 06/05/23

486142-072 Analyte	Result	RL	Units
Lead	**66**	0.25	ug/ft2

Field ID: AFRAME-C6E-MED-L1-EXT-0 TO 1-230601-L-WF **Batch#:** 315313 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 6010B
Lab ID: 486142-074 **Received:** 06/01/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 06/05/23
Dil n Fac: 1.000 **Analyzed:** 06/05/23

486142-074 Analyte	Result	RL	Units
Lead	**110**	0.25	ug/ft2

Field ID: AFRAME-C6E-MED-L1-DN-C6.7E-DG-230601-L-SS **Batch#:** 315313 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 6010B
Lab ID: 486142-076 **Received:** 06/01/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 06/05/23
Dil n Fac: 1.000 **Analyzed:** 06/05/23

486142-076 Analyte	Result	RL	Units
Lead	**57**	0.25	ug/ft2

Field ID: AFRAME-C7E-MED-L1-INT-0 TO 1-230601-L-FB **Batch#:** 315313 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 6010B
Lab ID: 486142-078 **Received:** 06/01/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 06/05/23
Dil n Fac: 1.000 **Analyzed:** 06/05/23

486142-078 Analyte	Result	RL	Units
Lead	**59**	0.25	ug/ft2

Field ID: AFRAME-C7E-LAT-L1-EXT-0 TO 1-230601-L-WF **Batch#:** 315313 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 6010B
Lab ID: 486142-080 **Received:** 06/01/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 06/05/23
Dil n Fac: 1.000 **Analyzed:** 06/05/23

486142-080 Analyte	Result	RL	Units
Lead	**97**	0.24	ug/ft2

ENTHALPY ANALYTICAL

Lead

Lab #: 486142 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C7E-MED-L1-DN-C7E-DG-230601-L-SS **Batch#:** 315313 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 6010B
Lab ID: 486142-082 **Received:** 06/01/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 06/05/23
Diln Fac: 1.000 **Analyzed:** 06/05/23

486142-082 Analyte	Result	RL	Units
Lead	**56**	0.25	ug/ft2

Field ID: 230601-L-MEDBLANK1 **Batch#:** 315313 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 6010B
Lab ID: 486142-084 **Received:** 06/01/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 06/05/23
Diln Fac: 1.000 **Analyzed:** 06/05/23

486142-084 Analyte	Result	RL	Units
Lead	**0.93**	0.25	ug/ft2

Field ID: 230601-L-MEDBLANK2 **Batch#:** 315313 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 6010B
Lab ID: 486142-086 **Received:** 06/01/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 06/05/23
Diln Fac: 1.000 **Analyzed:** 06/05/23

486142-086 Analyte	Result	RL	Units
Lead	**1.2**	0.25	ug/ft2

Field ID: 230601-L-MEDBLANK3 **Batch#:** 315313 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 06/01/23 **Analysis:** EPA 6010B
Lab ID: 486142-088 **Received:** 06/01/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 06/05/23
Diln Fac: 1.000 **Analyzed:** 06/05/23

486142-088 Analyte	Result	RL	Units
Lead	**3.2**	0.25	ug/ft2

Type: BLANK **Batch#:** 315308 **Analysis:** EPA 6010B
Lab ID: QC1070382 **Prepared:** 06/02/23 **Analyst:** SBW
Matrix: Wipe **Analyzed:** 06/02/23
Diln Fac: 1.000 **Prep:** EPA 3050B

QC1070382 Analyte	Result	RL	Units
Lead	ND	0.25	ug/ft2

ENTHALPY ANALYTICAL

Lead

Lab #: 486142 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Type:	BLANK	**Batch#:**	315312	**Analysis:**	EPA 6010B
Lab ID:	QC1070393	**Prepared:**	06/03/23	**Analyst:**	SBW
Matrix:	Wipe	**Analyzed:**	06/05/23		
Diln Fac:	1.000	**Prep:**	EPA 3050B		

QC1070393 Analyte	Result	RL	Units
Lead	ND	0.25	ug/ft2

Type:	BLANK	**Batch#:**	315313	**Analysis:**	EPA 6010B
Lab ID:	QC1070396	**Prepared:**	06/05/23	**Analyst:**	SBW
Matrix:	Wipe	**Analyzed:**	06/05/23		
Diln Fac:	1.000	**Prep:**	EPA 3050B		

QC1070396 Analyte	Result	RL	Units
Lead	ND	0.25	ug/ft2

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Lead: Batch QC

Lab #: 486142 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Type: BS **Batch#:** 315308 **Analysis:** EPA 6010B
Lab ID: QC1070383 **Prepared:** 06/02/23 **Analyst:** SBW
Matrix: Wipe **Analyzed:** 06/02/23
Dln Fac: 1.000 **Prep:** EPA 3050B

QC1070383 Analyte	Spiked	Result	%REC	Limits	Units
Lead	50.00	50.26	101	80-120	ug/ft2

Type: BS **Batch#:** 315312 **Analysis:** EPA 6010B
Lab ID: QC1070394 **Prepared:** 06/03/23 **Analyst:** SBW
Matrix: Wipe **Analyzed:** 06/05/23
Dln Fac: 1.000 **Prep:** EPA 3050B

QC1070394 Analyte	Spiked	Result	%REC	Limits	Units
Lead	50.00	52.35	105	80-120	ug/ft2

Type: BS **Batch#:** 315313 **Analysis:** EPA 6010B
Lab ID: QC1070397 **Prepared:** 06/05/23 **Analyst:** SBW
Matrix: Wipe **Analyzed:** 06/05/23
Dln Fac: 1.000 **Prep:** EPA 3050B

QC1070397 Analyte	Spiked	Result	%REC	Limits	Units
Lead	50.00	53.12	106	80-120	ug/ft2

Type: BSD **Batch#:** 315308 **Analysis:** EPA 6010B
Lab ID: QC1070384 **Prepared:** 06/02/23 **Analyst:** SBW
Matrix: Wipe **Analyzed:** 06/02/23
Dln Fac: 1.000 **Prep:** EPA 3050B

QC1070384 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
Lead	50.00	49.97	100	80-120	ug/ft2	1	20

Type: BSD **Batch#:** 315312 **Analysis:** EPA 6010B
Lab ID: QC1070395 **Prepared:** 06/03/23 **Analyst:** SBW
Matrix: Wipe **Analyzed:** 06/05/23
Dln Fac: 1.000 **Prep:** EPA 3050B

QC1070395 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
Lead	50.00	53.48	107	80-120	ug/ft2	2	20

Type: BSD **Batch#:** 315313 **Analysis:** EPA 6010B
Lab ID: QC1070398 **Prepared:** 06/05/23 **Analyst:** SBW
Matrix: Wipe **Analyzed:** 06/05/23
Dln Fac: 1.000 **Prep:** EPA 3050B

QC1070398 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
Lead	50.00	51.93	104	80-120	ug/ft2	2	20

ENTHALPY ANALYTICAL

Lead: Batch QC

Lab #: 486142 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Legend

RPD: Relative Percent Difference

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number: 489010
Report Level: IV
Report Date: 08/01/2023

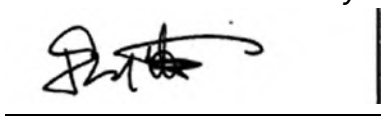
PCBs

Analytical Report *prepared for:*

Austin Moore
Rincon Consultants
449 15th Street
#303
Oakland, CA 94612

Project: 20-10491 - Hangar 1 NTCRA

Authorized for release by:



John Goyette, Service Center Manager
(510) 204-2233 Ext 13112
john.goyette@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105

ENTHALPY ANALYTICAL

Sample Summary

Austin Moore
Rincon Consultants
449 15th Street
#303
Oakland, CA 94612

Lab Job #:	489010
Project No:	20-10491
Location:	Hangar 1 NTCRA
Date Received:	07/24/23

Sample ID	Lab ID	Collected	Matrix
AFRAME-C6W-MED-L3-EXT-1 TO 2-230724-P-WF	489010-001	07/24/23 08:15	Wipe
AFRAME-C6W-LAT-L3-UP-C6.7-DG-230724-P-LA	489010-004	07/24/23 08:40	Wipe
AFRAME-C6W-LAT-L3-UP-C6.7-DG-230724-P-DUP-LA	489010-005	07/24/23 08:40	Wipe
AFRAME-C6W-MED-L3-UP-C6.5-HM-230724-P-CB	489010-007	07/24/23 08:25	Wipe
AFRAME-C7W-LAT-L3-EXT-1 TO 2-230724-P-WF	489010-009	07/24/23 08:50	Wipe
AFRAME-C7W-LAT-L3-UP-C7.1-DG-230724-P-LA	489010-012	07/24/23 09:05	Wipe
AFRAME-C7W-LAT-L3-UP-C7.1-DG-230724-P-DUP-LA	489010-013	07/24/23 09:05	Wipe
AFRAME-C7W-MED-L3-UP-C7.6-HM-230724-P-CB	489010-015	07/24/23 09:15	Wipe
AFRAME-C6W-LAT-L3-UP-C6.4-DG-230724-P-LA	489010-017	07/24/23 09:35	Wipe
AFRAME-C6W-MED-L3-UP-C6W-DG-230724-P-LA	489010-019	07/24/23 09:30	Wipe
AFRAME-C7W-MED-L3-UP-C7W-DG-230724-P-LA	489010-021	07/24/23 09:45	Wipe
AFRAME-C7W-LAT-L3-UP-C7.3-DG-230724-P-LA	489010-023	07/24/23 09:55	Wipe

ENTHALPY ANALYTICAL

Case Narrative

PCBS (EPA 8082)

Rincon Consultants 449 15th Street #303 Oakland, CA 94612 Austin Moore	Lab Job Number: 489010 Project No: 20-10491 Location: Hangar 1 NTCRA Date Received: 07/24/23

This data package contains sample and QC results for twelve wipe samples, requested for the above referenced project on 07/25/23. See attached cooler receipt form for any sample receipt problems or discrepancies.

PCBs (EPA 8082):

No analytical problems were encountered.

Chain of Custody

ENTHALPY ANALYTICAL

Chain of Custody Record

COC ID: 48401O

Page: 1 of 2

Turn Around Time (rush by advanced notice only)

Standard:	X (PCBs)	5 Day:		3 Day:	
2 Day:		1 Day:	X (PB)	custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Report: Level IV

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants, Inc.	Quote #:	RIN031721
Report To:	Lindsay Parker	Proj. Name:	Hangar 1 - NCTRA WP
Email:	lparker@rinconconsultants.com	Proj. #:	20-10491
Address:	449 15th Street, Suite 303	P.O. #:	
	Oakland, California 94612	Address:	158 Cody Road, Mountain View, CA
Phone:	(651) 890-9556	Global ID:	
Fax:		Sampled By:	M.Kim

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	PCBs - EPA Method 3546/8082	Lead by EPA Method 3050M/6010B	HOLD
1	AFRAME-C6W-MED-L3-EXT-1 TO 2-230724-P-WF	7/24/2023	0815	WP	1	--	X		
2	AFRAME-C6W-MED-L3-EXT-1 TO 2-230724-L-WF	7/24/2023	0815	WP	1	--		X	
3	AFRAME-C6W-MED-L3-EXT-1 TO 2-230724-L-DUP-WF	7/24/2023	0815	WP	1	--		X	
4	AFRAME-C6W-LAT-L3-UP-C6.7-DG-230724-P-LA	7/24/2023	0840	WP	1	--	X		
5	AFRAME-C6W-LAT-L3-UP-C6.7-DG-230724-P-DUP-LA	7/24/2023	0840	WP	1	--	X		
6	AFRAME-C6W-LAT-L3-UP-C6.7-DG-230724-L-LA	7/24/2023	0840	WP	1	--		X	
7	AFRAME-C6W-MED-L3-UP-C6.5-HM-230724-P-CB	7/24/2023	0825	WP	1	--	X		
8	AFRAME-C6W-MED-L3-UP-C6.5-HM-230724-L-CB	7/24/2023	0825	WP	1	--		X	
9	AFRAME-C7W-LAT-L3-EXT-1 TO 2-230724-P-WF	7/24/2023	0850	WP	1	--	X		
10	AFRAME-C7W-LAT-L3-EXT-1 TO 2-230724-L-WF	7/24/2023	0850	WP	1	--		X	
11	AFRAME-C7W-LAT-L3-EXT-1 TO 2-230724-L-DUP-WF	7/24/2023	0850	WP	1	--		X	
12	AFRAME-C7W-LAT-L3-UP-C7.1-DG-230724-P-LA	7/24/2023	0905	WP	1	--	X		
13	AFRAME-C7W-LAT-L3-UP-C7.1-DG-230724-P-DUP-LA	7/24/2023	0905	WP	1	--	X		
14	AFRAME-C7W-LAT-L3-UP-C7.1-DG-230724-L-LA	7/24/2023	0905	WP	1	--		X	
15	AFRAME-C7W-MED-L3-UP-C7.6-HM-230724-P-CB	7/24/2023	0915	WP	1	--	X		

Analysis Request

Test Instructions / Comments

Confirmation Wipe Samples - Level IV Report/Stage 3 Validation

Report PCB concentrations on a µg/100cm2 basis

Report lead concentrations on a µg/ft2 basis

Report Aroclor 1268 concentrations in addition to the standard Aroclors

Wipe samples collected from Zone 4 Enclosure C/D (High Occupancy)

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Michaela Kim	Rincon/ENV Scientist	7/24@1723
1 Received By:		Kenneth Yip	EA	7/24 17:27
2 Relinquished By:		Lisa Fong	EA	7/24 18:49
2 Received By:		C. Kim	EA	7/25/23 10:00
3 Relinquished By:				
3 Received By:				

ENTHALPY ANALYTICAL

Chain of Custody Record

COC ID: 489010

Page: 2 of 2

Turn Around Time (rush by advanced notice only)

Standard:	X (PCBs)	5 Day:		3 Day:	
2 Day:		1 Day:	X (PB)	custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Report: Level IV

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants, Inc.	Quote #:	RIN031721
Report To:	Lindsay Parker	Proj. Name:	Hangar 1 - NCTRA WP
Email:	lparker@rinconconsultants.com	Proj. #:	20-10491
Address:	449 15th Street, Suite 303	P.O. #:	
	Oakland, California 94612	Address:	158 Cody Road, Mountain View, CA
Phone:	(651) 890-9556	Global ID:	
Fax:		Sampled By:	M. Kim

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	PCBs - EPA Method 3546/8082	Lead by EPA Method 3050M/6010B	HOLD	Test Instructions / Comments
16	AFRAME-C7W-MED-L3-UP-C7.6-HM-230724-L-CB	7/24/2023	0915	WP	1	--		X		**Confirmation Wipe Samples - Level IV Report/Stage 3 Validation**
17	AFRAME-C6W-LAT-L3-UP-C6.4-DG-230724-P-LA	7/24/2023	0935	WP	1	--	X			Report PCB concentrations on a µg/100cm2 basis
18	AFRAME-C6W-LAT-L3-UP-C6.4-DG-230724-L-LA	7/24/2023	0935	WP	1	--		X		Report lead concentrations on a µg/ft2 basis
19	AFRAME-C6W-MED-L3-UP-C6W-DG-230724-P-LA	7/24/2023	0930	WP	1	--	X			Report Aroclor 1268 concentrations in addition to the standard Aroclors
20	AFRAME-C6W-MED-L3-UP-C6W-DG-230724-L-LA	7/24/2023	0930	WP	1	--		X		Wipe samples collected from Zone 4 Enclosure C/D (High Occupancy)
21	AFRAME-C7W-MED-L3-UP-C7W-DG-230724-P-LA	7/24/2023	0945	WP	1	--	X			
22	AFRAME-C7W-MED-L3-UP-C7W-DG-230724-L-LA	7/24/2023	0945	WP	1	--		X		
23	AFRAME-C7W-LAT-L3-UP-C7.3-DG-230724-P-LA	7/24/2023	0955	WP	1	--	X			
24	AFRAME-C7W-LAT-L3-UP-C7.3-DG-230724-L-LA	7/24/2023	0955	WP	1	--		X		
25										
26										
27										
28										
29										
30										

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Michaela Kim	Rincon	7/24 @1723
[1] Received By:			EA	7/24 17:27
[2] Relinquished By:		C Gray	EA	7/24 18 15:45
[2] Received By:		G Kim	EA	7/24/23 10:00
[3] Relinquished By:				
[3] Received By:				

The below sample checklist was completed after deliver of samples by the laboratory provided courier or Rincon personnel to Enthalpy Analytical in Berkeley, CA, therefore no custody seals were applied to the cooler.

SAMPLE RECEIPT CHECKLIST

ENTHALPY

Section 1: General Info

Date Received: 7-24-3 Login # 489010 Client: RINCON

Section 2: Shipping / Custody

Shipping Info: _____

Are custody seals present? o No o Yes If yes, where? o on cooler, o on samples, o on package

Custody seals intact on arrival? ☐ Yes ☐ No ☐ N/A Date: _____ # of seals _____ ☐ Signature ☐ Initials

Section 3: Condition / Packaging ***Important*: Notify PM if temperature exceeds 6°C or arrive frozen**

Date Opened 7-24-23 By (print) ABM (sign) [signature]

o Samples received on ice directly from the field. Cooling process had begun. (if checked, skip temperatures)

If no cooler: Sample Temp (°C): _____

How many coolers? _____ Temp (°C): #1:_____ #2:_____ #3:_____ #4:_____ #5:_____ #6: _____

Temperature measured using o Thermometer ID:_____, or IR Gun # o B o C

Type of ice used : o Wet, o Blue/Gel, o None Temperature blank(s) included? ☐ Yes, ☐ No

Section 4: Containers / Labels / Samples	YES	NO	N/A
Were custody papers dry, filled out properly, and the project identifiable?	✓		
Were Method 5035 sampling containers present? Transferred to freezer @:		✓	
Did all containers arrive unbroken/unopened?	✓		
Are there any missing / extra samples?		✓	
Are samples in the appropriate containers for indicated tests?	✓		
Are sample labels present, in good condition and complete?	✓		
Does the container count match the COC?	✓		
Do the sample labels agree with custody papers?	✓		
Was sufficient amount of sample sent for tests requested?	✓		
Did you change the hold time in LIMS for unpreserved VOAs?			✓
Did you change the hold time in LIMS for preserved terracores?			✓
Are bubbles > 6mm present in VOA samples?			
Was the client contacted about this delivery? Contacted:_____ By:_____ Date:		✓	

Section 5: Preservatives	YES	NO	N/A
Are the samples appropriately preserved? (if yes, skip the rest of section 5)			
Did any samples / containers require preservation upon receipt?			
Did you document your preservative check in the bench book?			

Preservative added:

o H2SO4 lot#	added to samples	Date/Time
o HCL lot#	added to samples	Date/Time
o HNO3 lot#	added to samples	Date/Time
o CrVI Buffer lot#	added to samples	Date/Time

Section 6: Explanations / Comments

_____

_____

_____

_____

_____

_____

_____

_____

_____

Date Logged 7-24-23 **By (print)** ABM for MAY **(sign)** [signature]

Date Labeled 7-24-23 **By (print)** ABM **(sign)** [signature]

The below sample checklist was completed after the samples were shipped from the Enthalpy Analytical location in Berkeley, CA to the Enthalpy Analytical location in Orange, CA.

ENTHALPY ANALYTICAL

489010

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Rincon Consultants Project: Hangar 1 NTCRA

Date Received: 07/25/23 Sampler's Name Present: [X] Yes [ ] No

Section 2

Sample(s) received in a cooler? [✔] Yes, How many? 1 [ ] No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 3.2 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: Southwest Airlines

Section 3

Was the cooler packed with: [✔] Ice [ ] Ice Packs [X] Bubble Wrap [ ] Styrofoam [ ] Paper [ ] None [ ] Other _____

Cooler Temp (°C): #1: 3.1 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✔		
Are sample IDs present?	✔		
Are sampling dates & times present?	✔		
Is a relinquished signature present?	✔		
Are the tests required clearly indicated on the COC?	✔		
Are custody seals present?	✔		
If custody seals are present, were they intact?	✔		
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			✔
Did all samples arrive intact? If no, indicate in Section ~~4~~ 5 below.	✔		
Did all bottle labels agree with COC? (ID, dates and times)	✔		
Were the samples collected in the correct containers for the required tests?	✔		
Are the containers labeled with the correct preservatives?			✔
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✔
Was a sufficient amount of sample submitted for the requested tests?	✔		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? [ ] Verbal PM Initials: _____ Date/Time _____

[ ] Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: JUL 25 2023

SOUTHWEST AIRLINES

ited on:
JUL 19:37

26 OAK 9101 2040

SNA

PC# 5 OF 6 | BG G | LOT WT 200 LB (90.7 KG)

OAK WN 2872 24 JUL 20:25

STN FLT DATE ETD LOT 01

PC ID: 0005
PC WT: 33LB

S

526 91012040 0005

Enthalpy Analytical
Sample Receiving
931 W. Barkley Ave.
Orange, CA 92868

COOLER

3.2/3.1

AMPER
IDENT
APE

22/M/L

557

Results & QC Summary

Enthalpy Analytical - Orange Analytical Report

Lab #: 489010 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C6W-MED-L3-EXT-1 TO 2-230724-P-WF **Batch#:** 318888 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 8082

Lab ID: 489010-001 **Received:** 07/24/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/25/23

DiIn Fac: 1.000 **Analyzed:** 07/25/23

489010-001 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489010-001 Surrogate	%REC	Limits
TCMX (PCB)	60	19-121
Decachlorobiphenyl (PCB)	61	19-121

Field ID: AFRAME-C6W-LAT-L3-UP-C6.7-DG-230724-P-LA **Batch#:** 318888 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 8082

Lab ID: 489010-004 **Received:** 07/24/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/25/23

DiIn Fac: 1.000 **Analyzed:** 07/25/23

489010-004 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489010-004 Surrogate	%REC	Limits
TCMX (PCB)	65	19-121
Decachlorobiphenyl (PCB)	61	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 489010 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C6W-LAT-L3-UP-C6.7-DG-230724-P-DUP-LA **Batch#:** 318888 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 8082

Lab ID: 489010-005 **Received:** 07/24/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/25/23

Diln Fac: 1.000 **Analyzed:** 07/25/23

489010-005 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489010-005 Surrogate	%REC	Limits
TCMX (PCB)	61	19-121
Decachlorobiphenyl (PCB)	56	19-121

Field ID: AFRAME-C6W-MED-L3-UP-C6.5-HM-230724-P-CB **Batch#:** 318888 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 8082

Lab ID: 489010-007 **Received:** 07/24/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/25/23

Diln Fac: 1.000 **Analyzed:** 07/25/23

489010-007 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489010-007 Surrogate	%REC	Limits
TCMX (PCB)	68	19-121
Decachlorobiphenyl (PCB)	63	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 489010 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C7W-LAT-L3-EXT-1 TO 2-230724-P-WF **Batch#:** 318888 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 8082

Lab ID: 489010-009 **Received:** 07/24/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/25/23

DiIn Fac: 1.000 **Analyzed:** 07/25/23

489010-009 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489010-009 Surrogate	%REC	Limits
TCMX (PCB)	65	19-121
Decachlorobiphenyl (PCB)	58	19-121

Field ID: AFRAME-C7W-LAT-L3-UP-C7.1-DG-230724-P-LA **Batch#:** 318888 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 8082

Lab ID: 489010-012 **Received:** 07/24/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/25/23

DiIn Fac: 1.000 **Analyzed:** 07/25/23

489010-012 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489010-012 Surrogate	%REC	Limits
TCMX (PCB)	65	19-121
Decachlorobiphenyl (PCB)	56	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 489010 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C7W-LAT-L3-UP-C7.1-DG-230724-P-DUP-LA **Batch#:** 318888 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 8082

Lab ID: 489010-013 **Received:** 07/24/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/25/23

Diln Fac: 1.000 **Analyzed:** 07/25/23

489010-013 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489010-013 Surrogate	%REC	Limits
TCMX (PCB)	73	19-121
Decachlorobiphenyl (PCB)	67	19-121

Field ID: AFRAME-C7W-MED-L3-UP-C7.6-HM-230724-P-CB **Batch#:** 318888 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 8082

Lab ID: 489010-015 **Received:** 07/24/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/25/23

Diln Fac: 1.000 **Analyzed:** 07/25/23

489010-015 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489010-015 Surrogate	%REC	Limits
TCMX (PCB)	65	19-121
Decachlorobiphenyl (PCB)	59	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 489010 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C6W-LAT-L3-UP-C6.4-DG-230724-P-LA **Batch#:** 318888 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 8082

Lab ID: 489010-017 **Received:** 07/24/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/25/23

DiIn Fac: 1.000 **Analyzed:** 07/25/23

489010-017 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489010-017 Surrogate	%REC	Limits
TCMX (PCB)	73	19-121
Decachlorobiphenyl (PCB)	65	19-121

Field ID: AFRAME-C6W-MED-L3-UP-C6W-DG-230724-P-LA **Batch#:** 318888 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 8082

Lab ID: 489010-019 **Received:** 07/24/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/25/23

DiIn Fac: 1.000 **Analyzed:** 07/25/23

489010-019 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489010-019 Surrogate	%REC	Limits
TCMX (PCB)	61	19-121
Decachlorobiphenyl (PCB)	56	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 489010 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C7W-MED-L3-UP-C7W-DG-230724-P-LA **Batch#:** 318888 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 8082

Lab ID: 489010-021 **Received:** 07/24/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/25/23

DiIn Fac: 1.000 **Analyzed:** 07/25/23

489010-021 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489010-021 Surrogate	%REC	Limits
TCMX (PCB)	55	19-121
Decachlorobiphenyl (PCB)	49	19-121

Field ID: AFRAME-C7W-LAT-L3-UP-C7.3-DG-230724-P-LA **Batch#:** 318888 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 8082

Lab ID: 489010-023 **Received:** 07/24/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/25/23

DiIn Fac: 1.000 **Analyzed:** 07/25/23

489010-023 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489010-023 Surrogate	%REC	Limits
TCMX (PCB)	63	19-121
Decachlorobiphenyl (PCB)	54	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 489010 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Type: BLANK **Batch#:** 318888 **Analysis:** EPA 8082

Lab ID: QC1082105 **Prepared:** 07/25/23 **Analyst:** MES

Matrix: Wipe **Analyzed:** 07/25/23

Diln Fac: 1.000 **Prep:** EPA 3546

QC1082105 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

QC1082105 Surrogate	%REC	Limits
TCMX (PCB)	65	19-121
Decachlorobiphenyl (PCB)	68	19-121

Legend

ND: Not Detected

RL: Reporting Limit

Enthalpy Analytical - Orange Analytical Report: Batch QC

Lab #: 489010 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Type: BS **Batch#:** 318888 **Analysis:** EPA 8082

Lab ID: QC1082106 **Prepared:** 07/25/23 **Analyst:** MES

Matrix: Wipe **Analyzed:** 07/25/23

Diln Fac: 1.000 **Prep:** EPA 3546

QC1082106 Analyte	Spiked	Result	%REC	Limits	Units
Aroclor-1016	5.000	3.651	73	60-140	ug/100 cm2
Aroclor-1260	5.000	3.885	78	60-140	ug/100 cm2

QC1082106 Surrogate	%REC	Limits
TCMX (PCB)	67	19-121
Decachlorobiphenyl (PCB)	68	19-121

Type: BSD **Batch#:** 318888 **Analysis:** EPA 8082

Lab ID: QC1082107 **Prepared:** 07/25/23 **Analyst:** MES

Matrix: Wipe **Analyzed:** 07/25/23

Diln Fac: 1.000 **Prep:** EPA 3546

QC1082107 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
Aroclor-1016	5.000	3.679	74	60-140	ug/100 cm2	1	20
Aroclor-1260	5.000	3.723	74	60-140	ug/100 cm2	4	20

QC1082107 Surrogate	%REC	Limits
TCMX (PCB)	66	19-121
Decachlorobiphenyl (PCB)	65	19-121

Legend

RPD: Relative Percent Difference

ENTHALPY INITIAL CALIBRATION FOR 489010 PCBS Wipe: EPA 8082

Instrument:	SVOA-GC06	Name:	PCB_052223_1
Calibration #:	453205686001	Date:	22-MAY-2023 20:06
Units:	ug/L	X Axis:	R

Level	File	Seqnum	Sample ID	Analyzed	Standards
L1	gc06_052223020	453205686020		22-MAY-2023 20:06	S18179
L2	gc06_052223021	453205686021		22-MAY-2023 20:24	S18180
L3	gc06_052223022	453205686022		22-MAY-2023 20:43	S18181
L4	gc06_052223023	453205686023		22-MAY-2023 21:01	S18182
L5	gc06_052223024	453205686024		22-MAY-2023 21:19	S18183
L6	gc06_052223025	453205686025		22-MAY-2023 21:38	S18184
L7	gc06_052223026	453205686026		22-MAY-2023 21:56	S18185
L8	gc06_052223027	453205686027		22-MAY-2023 22:14	S18186
L9	gc06_052223028	453205686028		22-MAY-2023 22:33	S18187
L10	gc06_052223029	453205686029		22-MAY-2023 22:51	S18188

ENTHALPY INITIAL CALIBRATION FOR 489010 PCBS Wipe: EPA 8082

Instrument:	SVOA-GC06	Name:	PCB_052223_1
Calibration #:	453205686001	Date:	22-MAY-2023 20:06
Units:	ug/L	X Axis:	R

Analyte	Ch	Type	a0	a1	a2	Avg RF	%RSD	n	Min r^2	Max %RSD	Flags
Aroclor-1016 Peak # 1	A	AVRG		44.8280		0.0223	13	9	.99	20	
Aroclor-1016 Peak # 2	A	AVRG		22.0807		0.0453	14	9	.99	20	
Aroclor-1016 Peak # 3	A	AVRG		17.2755		0.0579	15	9	.99	20	
Aroclor-1016 Peak # 4	A	AVRG		28.6617		0.0349	13	9	.99	20	
Aroclor-1016 Peak # 5	A	AVRG		37.4758		0.0267	15	8	.99	20	
Aroclor-1260 Peak # 1	A	AVRG		15.1197		0.0661	14	9	.99	20	
Aroclor-1260 Peak # 2	A	AVRG		9.90415		0.1010	14	9	.99	20	
Aroclor-1260 Peak # 3	A	AVRG		9.26897		0.1079	20	10	.99	20	
Aroclor-1260 Peak # 4	A	AVRG		17.0130		0.0588	14	10	.99	20	
Aroclor-1260 Peak # 5	A	AVRG		10.7597		0.0929	13	10	.99	20	
Decachlorobiphenyl (PCB)	A	AVRG		0.74929		1.3346	16	9	.99	20	
TCMX (PCB)	A	AVRG		0.93830		1.0658	13	9	.99	20	
Aroclor-1016 Peak # 1	B	AVRG		48.0029		0.0208	16	10	.99	20	
Aroclor-1016 Peak # 2	B	AVRG		21.3693		0.0468	20	10	.99	20	
Aroclor-1016 Peak # 3	B	AVRG		17.7590		0.0563	14	9	.99	20	
Aroclor-1016 Peak # 4	B	AVRG		24.6742		0.0405	16	10	.99	20	
Aroclor-1016 Peak # 5	B	AVRG		46.2568		0.0216	9	8	.99	20	
Aroclor-1260 Peak # 1	B	AVRG		17.7291		0.0564	17	10	.99	20	
Aroclor-1260 Peak # 2	B	AVRG		15.7244		0.0636	15	9	.99	20	
Aroclor-1260 Peak # 3	B	AVRG		12.2876		0.0814	17	9	.99	20	
Aroclor-1260 Peak # 4	B	AVRG		21.0371		0.0475	17	10	.99	20	
Aroclor-1260 Peak # 5	B	AVRG		14.5138		0.0689	12	9	.99	20	
Decachlorobiphenyl (PCB)	B	AVRG		0.94680		1.0562	17	9	.99	20	
TCMX (PCB)	B	AVRG		0.94258		1.0609	15	10	.99	20	

Instrument amount = a0 + (response × a1) + (response² × a2)
AVRG: Average response factor

ENTHALPY INITIAL CALIBRATION FOR 489010 PCBS Wipe: EPA 8082

Instrument:	SVOA-GC06	Name:	PCB_052223_1
Calibration #:	453205686001	Date:	22-MAY-2023 20:06
Units:	ug/L	X Axis:	R

Analyte	Ch	L1 RF	L2 RF	L3 RF	L4 RF	L5 RF	L6 RF	L7 RF	L8 RF	L9 RF	L10 RF
Aroclor-1016 Peak # 1	A		0.0276	0.0245	0.0234	0.0239	0.0218	0.0206	0.0212	0.0184	0.0193
Aroclor-1016 Peak # 2	A		0.0566	0.0518	0.0480	0.0481	0.0439	0.0411	0.0427	0.0366	0.0387
Aroclor-1016 Peak # 3	A		0.0762	0.0633	0.0599	0.0612	0.0560	0.0519	0.0548	0.0476	0.0502
Aroclor-1016 Peak # 4	A		0.0443	0.0367	0.0358	0.0370	0.0341	0.0322	0.0341	0.0290	0.0309
Aroclor-1016 Peak # 5	A			0.0344	0.0292	0.0286	0.0264	0.0247	0.0261	0.0216	0.0226
Aroclor-1260 Peak # 1	A		0.0851	0.0711	0.0682	0.0709	0.0625	0.0605	0.0668	0.0525	0.0577
Aroclor-1260 Peak # 2	A		0.1294	0.1093	0.1026	0.1091	0.0961	0.0930	0.1010	0.0808	0.0875
Aroclor-1260 Peak # 3	A	0.1581	0.1289	0.1077	0.1032	0.1094	0.0971	0.0948	0.1043	0.0834	0.0921
Aroclor-1260 Peak # 4	A	0.0772	0.0641	0.0593	0.0559	0.0620	0.0553	0.0543	0.0597	0.0476	0.0524
Aroclor-1260 Peak # 5	A	0.1231	0.0945	0.0875	0.0849	0.1002	0.0893	0.0878	0.0975	0.0775	0.0870
Decachlorobiphenyl (PCB)	A		1.7632	1.3406	1.2120	1.5128	1.4154	1.3028	1.3203	1.0100	1.1344
TCMX (PCB)	A		1.3115	1.0954	1.0188	1.2898	0.9794	0.9774	1.0276	0.9022	0.9898
Aroclor-1016 Peak # 1	B	0.0287	0.0231	0.0220	0.0204	0.0214	0.0200	0.0189	0.0193	0.0169	0.0175
Aroclor-1016 Peak # 2	B	0.0611	0.0630	0.0503	0.0468	0.0471	0.0433	0.0407	0.0419	0.0361	0.0376
Aroclor-1016 Peak # 3	B		0.0724	0.0632	0.0574	0.0590	0.0541	0.0509	0.0542	0.0462	0.0495
Aroclor-1016 Peak # 4	B	0.0559	0.0462	0.0417	0.0392	0.0416	0.0384	0.0365	0.0384	0.0328	0.0345
Aroclor-1016 Peak # 5	B			0.0241	0.0220	0.0240	0.0220	0.0210	0.0220	0.0185	0.0193
Aroclor-1260 Peak # 1	B	0.0735	0.0722	0.0592	0.0548	0.0579	0.0517	0.0503	0.0540	0.0436	0.0468
Aroclor-1260 Peak # 2	B		0.0821	0.0695	0.0652	0.0682	0.0603	0.0584	0.0633	0.0506	0.0547
Aroclor-1260 Peak # 3	B	0.1108	0.0964	0.0809	0.0765	0.0815	0.0731	0.0718	0.0782	0.0632	
Aroclor-1260 Peak # 4	B	0.0660	0.0527	0.0493	0.0467	0.0491	0.0448	0.0412	0.0471	0.0378	0.0406
Aroclor-1260 Peak # 5	B		0.0860	0.0731	0.0692	0.0734	0.0655	0.0644	0.0708	0.0560	0.0616
Decachlorobiphenyl (PCB)	B		1.3936	1.1048	0.9715	1.1986	1.1264	1.0333	1.0299	0.7901	0.8576
TCMX (PCB)	B	1.3332	1.2621	1.0653	1.0656	1.2201	0.9321	0.9733	0.9760	0.8587	0.9229

ENTHALPY INITIAL CALIBRATION FOR 489010 PCBS Wipe: EPA 8082

Instrument:	SVOA-GC06	Name:	PCB_052223_1
Calibration #:	453205686001	Date:	22-MAY-2023 20:06
Units:	ug/L	X Axis:	R

Spiked Amounts / Drifts	Ch	L1	%D	L2	%D	L3	%D	L4	%D	L5	%D	L6	%D	L7	%D	L8	%D
Aroclor-1016 Peak # 1	A			20.000	24	50.000	10	100.00	5	250.00	7	500.00	-2	749.91	-8	1000.0	-5
Aroclor-1016 Peak # 2	A			20.000	25	50.000	14	100.00	6	250.00	6	500.00	-3	749.91	-9	1000.0	-6
Aroclor-1016 Peak # 3	A			20.000	32	50.000	9	100.00	3	250.00	6	500.00	-3	749.91	-10	1000.0	-5
Aroclor-1016 Peak # 4	A			20.000	27	50.000	5	100.00	2	250.00	6	500.00	-2	749.91	-8	1000.0	-2
Aroclor-1016 Peak # 5	A					50.000	29	100.00	9	250.00	7	500.00	-1	749.91	-7	1000.0	-2
Aroclor-1260 Peak # 1	A			20.000	29	50.000	8	100.00	3	250.00	7	500.00	-6	749.91	-9	1000.0	1
Aroclor-1260 Peak # 2	A			20.000	28	50.000	8	100.00	2	250.00	8	500.00	-5	749.91	-8	1000.0	0
Aroclor-1260 Peak # 3	A	10.000	47	20.000	19	50.000	0	100.00	-4	250.00	1	500.00	-10	749.91	-12	1000.0	-3
Aroclor-1260 Peak # 4	A	10.000	31	20.000	9	50.000	1	100.00	-5	250.00	6	500.00	-6	749.91	-8	1000.0	1
Aroclor-1260 Peak # 5	A	10.000	32	20.000	2	50.000	-6	100.00	-9	250.00	8	500.00	-4	749.91	-6	1000.0	5
Decachlorobiphenyl (PCB)	A			1.6000	32	4.0000	0	8.0000	-9	20.000	13	40.000	6	59.993	-2	80.000	-1
TCMX (PCB)	A			1.6000	23	4.0000	3	8.0000	-4	20.000	**21**	40.000	-8	59.993	-8	80.000	-4
Aroclor-1016 Peak # 1	B	10.000	38	20.000	11	50.000	6	100.00	-2	250.00	3	500.00	-4	749.91	-9	1000.0	-7
Aroclor-1016 Peak # 2	B	10.000	31	20.000	**35**	50.000	8	100.00	0	250.00	1	500.00	-7	749.91	-13	1000.0	-10
Aroclor-1016 Peak # 3	B			20.000	29	50.000	12	100.00	2	250.00	5	500.00	-4	749.91	-10	1000.0	-4
Aroclor-1016 Peak # 4	B	10.000	38	20.000	14	50.000	3	100.00	-3	250.00	3	500.00	-5	749.91	-10	1000.0	-5
Aroclor-1016 Peak # 5	B					50.000	11	100.00	2	250.00	11	500.00	2	749.91	-3	1000.0	2
Aroclor-1260 Peak # 1	B	10.000	30	20.000	**28**	50.000	5	100.00	-3	250.00	3	500.00	-8	749.91	-11	1000.0	-4
Aroclor-1260 Peak # 2	B			20.000	29	50.000	9	100.00	3	250.00	7	500.00	-5	749.91	-8	1000.0	0
Aroclor-1260 Peak # 3	B	10.000	36	20.000	18	50.000	-1	100.00	-6	250.00	0	500.00	-10	749.91	-12	1000.0	-4
Aroclor-1260 Peak # 4	B	10.000	39	20.000	11	50.000	4	100.00	-2	250.00	3	500.00	-6	749.91	-13	1000.0	-1
Aroclor-1260 Peak # 5	B			20.000	25	50.000	6	100.00	0	250.00	6	500.00	-5	749.91	-7	1000.0	3
Decachlorobiphenyl (PCB)	B			1.6000	32	4.0000	5	8.0000	-8	20.000	13	40.000	7	59.993	-2	80.000	-2
TCMX (PCB)	B	0.8000	26	1.6000	19	4.0000	0	8.0000	0	20.000	15	40.000	-12	59.993	-8	80.000	-8

ENTHALPY INITIAL CALIBRATION FOR 489010 PCBS Wipe: EPA 8082

Instrument:	SVOA-GC06	Name:	PCB_052223_1
Calibration #:	453205686001	Date:	22-MAY-2023 20:06
Units:	ug/L	X Axis:	R

Spiked Amounts / Drifts	Ch	L9	%D	L10	%D
Aroclor-1016 Peak # 1	A	1500.0	-17	2000.0	-13
Aroclor-1016 Peak # 2	A	1500.0	-19	2000.0	-15
Aroclor-1016 Peak # 3	A	1500.0	-18	2000.0	-13
Aroclor-1016 Peak # 4	A	1500.0	-17	2000.0	-11
Aroclor-1016 Peak # 5	A	1500.0	-19	2000.0	-15
Aroclor-1260 Peak # 1	A	1500.0	**-21**	2000.0	-13
Aroclor-1260 Peak # 2	A	1500.0	-20	2000.0	-13
Aroclor-1260 Peak # 3	A	1500.0	**-23**	2000.0	-15
Aroclor-1260 Peak # 4	A	1500.0	-19	2000.0	-11
Aroclor-1260 Peak # 5	A	1500.0	-17	2000.0	-6
Decachlorobiphenyl (PCB)	A	120.00	**-24**	160.00	-15
TCMX (PCB)	A	120.00	-15	160.00	-7
Aroclor-1016 Peak # 1	B	1500.0	-19	2000.0	-16
Aroclor-1016 Peak # 2	B	1500.0	**-23**	2000.0	-20
Aroclor-1016 Peak # 3	B	1500.0	-18	2000.0	-12
Aroclor-1016 Peak # 4	B	1500.0	-19	2000.0	-15
Aroclor-1016 Peak # 5	B	1500.0	-15	2000.0	-11
Aroclor-1260 Peak # 1	B	1500.0	**-23**	2000.0	-17
Aroclor-1260 Peak # 2	B	1500.0	-20	2000.0	-14
Aroclor-1260 Peak # 3	B	1500.0	**-22**		
Aroclor-1260 Peak # 4	B	1500.0	-20	2000.0	-15
Aroclor-1260 Peak # 5	B	1500.0	-19	2000.0	-11
Decachlorobiphenyl (PCB)	B	120.00	**-25**	160.00	-19
TCMX (PCB)	B	120.00	-19	160.00	-13

TRN 05/23/23 : Manually integrated for coeluting peak, negative/tailing peak for one/both channels on multiple levels

ENTHALPY INITIAL CALIBRATION FOR 489010 PCBS Wipe: EPA 8082

Instrument:	SVOA-GC06	Name:	PCB_052223_1
Calibration #:	453205686001	Date:	22-MAY-2023 20:06
Units:	ug/L	X Axis:	R

Analyst: TRN 05/23/23

Reviewer: LW 05/23/23

ENTHALPY 2ND SOURCE CALIBRATION SUMMARY FOR 489010 PCBS Wipe

EPA 8082

Inst:	SVOA-GC06	Name:	PCB_052223_1
Calnum:	453205686001	Cal Date:	22-MAY-2023

- ICV 453205686031 (gc06_052223031 22-MAY-2023) stds: S18189

Analyte	Ch	Spiked	Quant	Units	%D	Max	Flags
Aroclor-1016	A	500.0	428.3	ug/L	-14	15	
Aroclor-1260	A	500.0	486.3	ug/L	-3	15	
Aroclor-1016	B	500.0	432.4	ug/L	-14	15	
Aroclor-1260	B	500.0	476.3	ug/L	-5	15	

-

Analyst: TRN 05/23/23 **Reviewer:** LW 05/23/23

ENTHALPY CONTINUING CALIBRATION FOR 489010 PCBS Wipe

EPA 8082

Inst:	SVOA-GC06			IDF:	1.0
Seqnum:	453297295006	File:	gc06_072523006	Time:	25-JUL-2023 12:30
Cal:	453205686001	Caldate:	22-MAY-2023		

Standards: S18732

Analyte	Ch	Avg RF/CF	RF/CF	Spiked	Quant	Units	%D	Max %D	Min RF	Flags
Aroclor-1016	A			500.0	445.9	ug/L	-11	15	0.0000	
Aroclor-1260	A			500.0	396.6	ug/L	**-21**	15	0.0000	**c-** ***
Decachlorobiphenyl (PCB)	A	1.3346	1.3405	40.00	40.18	ug/L	0	15	0.0000	
TCMX (PCB)	A	1.0658	0.8931	40.00	33.52	ug/L	**-16**	15	0.0000	c-
Aroclor-1016	B			500.0	427.1	ug/L	-15	15	0.0000	
Aroclor-1260	B			500.0	437.3	ug/L	-13	15	0.0000	
Decachlorobiphenyl (PCB)	B	1.0562	1.0302	40.00	39.01	ug/L	-2	15	0.0000	
TCMX (PCB)	B	1.0609	0.8503	40.00	32.06	ug/L	**-20**	15	0.0000	c-

ISTD (ICAL gc06_052223022)	Ch	ICAL Abund	Abund	%Drift
1-bromo-2-nitrobenzene (PCB)	B	7279227	8843280	21.49
1-bromo-2-nitrobenzene (PCB)	A	2781470	3794782	36.43

07/25/23 : 500 PPB PCB CCV

-=low bias c=CCV

Analyst: MES 07/26/23 **Reviewer:** MTS 07/27/23

Enthalpy Internal Standard Summary for Sequence 453297295

Date:	07/25/23	Reference:	gc06_052223022
Sequence:	SVOA-GC06 gc06_072523	Analyzed:	05/22/23 20:43

#	Type	Sample ID	1BR2NITROBZPCB B	1BR2NITROBZPCB A
		ICAL STD	7279227	2781470
		LOWER LIMIT	3639614	1390735
		UPPER LIMIT	14558454	5562940
004	CCV		9121572	3429969
006	CCV		8843280	3794782

Enthalpy Internal Standard Summary for Sequence 453297295

Date:	07/25/23	Reference:	gc06_072523006
Sequence:	SVOA-GC06 gc06_072523	Analyzed:	07/25/23 12:30

#	Type	Sample ID	1BR2NITROBZPCB B	1BR2NITROBZPCB A
		CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV STD	8843280	3794782
		LOWER LIMIT	4421640	1897391
		UPPER LIMIT	17686560	7589564
015	BLANK	QC1082105	9076257	3697011
016	BS	QC1082106	9007378	3682034
017	BSD	QC1082107	8339964	3472546
018	SAMPLE	489010-001	8642144	3808069
019	SAMPLE	489010-004	8766854	3307940
020	SAMPLE	489010-005	9101912	3313199
021	SAMPLE	489010-007	8031790	3485478
022	SAMPLE	489010-009	9171197	3274647
023	SAMPLE	489010-012	9571285	3444239
024	SAMPLE	489010-013	8648069	3752852
025	SAMPLE	489010-015	9549065	4043975
026	SAMPLE	489010-017	8883637	3070004
027	SAMPLE	489010-019	8906986	3724620
028	SAMPLE	489010-021	9642437	3463683
029	SAMPLE	489010-023	9183162	3255964

Enthalpy Internal Standard Summary for Sequence 453297295

Date:	07/25/23	Reference:	gc06_072523006
Sequence:	SVOA-GC06 gc06_072523	Analyzed:	07/25/23 12:30

#	Type	Sample ID	1BR2NITROBZPCB B RT	1BR2NITROBZPCB A RT
		CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV STD	4.29	4.09
		LOWER LIMIT	4.09	3.89
		UPPER LIMIT	4.49	4.29
015	BLANK	QC1082105	4.29	4.08
016	BS	QC1082106	4.29	4.08
017	BSD	QC1082107	4.30	4.08
018	SAMPLE	489010-001	4.29	4.07
019	SAMPLE	489010-004	4.29	4.08
020	SAMPLE	489010-005	4.29	4.08
021	SAMPLE	489010-007	4.29	4.07
022	SAMPLE	489010-009	4.29	4.07
023	SAMPLE	489010-012	4.29	4.07
024	SAMPLE	489010-013	4.29	4.07
025	SAMPLE	489010-015	4.29	4.07
026	SAMPLE	489010-017	4.29	4.07
027	SAMPLE	489010-019	4.29	4.07
028	SAMPLE	489010-021	4.29	4.07
029	SAMPLE	489010-023	4.29	4.07

Enthalpy Sequence Summary for Sequence 453205686

Instrument: SVOA-GC06 Begun: 05/22/23 20:06
Method: EPA 8082

#	File	Type	Sample ID	Matrix	Batch	Analyzed	IDF	Stds Used
020	gc06_052223020	ICAL				05/22/23 20:06	1.0	1
021	gc06_052223021	ICAL				05/22/23 20:24	1.0	2
022	gc06_052223022	ICAL				05/22/23 20:43	1.0	3
023	gc06_052223023	ICAL				05/22/23 21:01	1.0	4
024	gc06_052223024	ICAL				05/22/23 21:19	1.0	5
025	gc06_052223025	ICAL				05/22/23 21:38	1.0	6
026	gc06_052223026	ICAL				05/22/23 21:56	1.0	7
027	gc06_052223027	ICAL				05/22/23 22:14	1.0	8
028	gc06_052223028	ICAL				05/22/23 22:33	1.0	9
029	gc06_052223029	ICAL				05/22/23 22:51	1.0	10
031	gc06_052223031	ICV				05/22/23 23:27	1.0	11

TRN 05/23/23 : I verified that the vials loaded on the instrument matched the sequence data entry, for runs 20 through 31.

Standards Used:
1=S18179 2=S18180 3=S18181 4=S18182 5=S18183 6=S18184 7=S18185 8=S18186 9=S18187 10=S18188 11=S18189

Enthalpy Sequence Summary for Sequence 453297295

Instrument: SVOA-GC06 Begun: 07/25/23 10:55
Method: EPA 8081A, EPA 8082

#	File	Type	Sample ID	Matrix	Batch	Analyzed	IDF	Stds Used
002	gc06_072523002	PEM				07/25/23 10:55	1.0	1
003	gc06_072523003	CCV				07/25/23 11:13	1.0	2
004	gc06_072523004	CCV				07/25/23 11:31	1.0	3
006	gc06_072523006	CCV				07/25/23 12:30	1.0	3
015	gc06_072523015	BLANK	QC1082105	Wipe	318888	07/25/23 18:25	1.0	4
016	gc06_072523016	BS	QC1082106	Wipe	318888	07/25/23 18:43	1.0	4
017	gc06_072523017	BSD	QC1082107	Wipe	318888	07/25/23 19:02	1.0	4
018	gc06_072523018	SAMPLE	489010-001	Wipe	318888	07/25/23 19:20	1.0	4
019	gc06_072523019	SAMPLE	489010-004	Wipe	318888	07/25/23 19:38	1.0	4
020	gc06_072523020	SAMPLE	489010-005	Wipe	318888	07/25/23 19:56	1.0	4
021	gc06_072523021	SAMPLE	489010-007	Wipe	318888	07/25/23 20:14	1.0	4
022	gc06_072523022	SAMPLE	489010-009	Wipe	318888	07/25/23 20:32	1.0	4
023	gc06_072523023	SAMPLE	489010-012	Wipe	318888	07/25/23 20:51	1.0	4
024	gc06_072523024	SAMPLE	489010-013	Wipe	318888	07/25/23 21:09	1.0	4
025	gc06_072523025	SAMPLE	489010-015	Wipe	318888	07/25/23 21:27	1.0	4
026	gc06_072523026	SAMPLE	489010-017	Wipe	318888	07/25/23 21:45	1.0	4
027	gc06_072523027	SAMPLE	489010-019	Wipe	318888	07/25/23 22:03	1.0	4
028	gc06_072523028	SAMPLE	489010-021	Wipe	318888	07/25/23 22:21	1.0	4
029	gc06_072523029	SAMPLE	489010-023	Wipe	318888	07/25/23 22:40	1.0	4

MES 07/26/23 : I verified that the vials loaded on the instrument matched the sequence data entry, for runs 2 through 29.

Standards Used:
1=S18206 2=S18510 3=S18732 4=S18370

SAMPLE PREPARATION SUMMARY

Batch #:	318888	Method:	3546	Analysis:	8080
Started By:	KTJ	Prep Date:	25-JUL-2023 15:10	Finished By:	SNV

Sample	Matrix	Initial	Final	Prep DF	pH	Spike S18679	Spike S18683	Analysis
489010-001	Wipe	1 dm2	10 mL	10.0		.5 mL		PCB-MICROWAVE
489010-004	Wipe	1 dm2	10 mL	10.0		.5 mL		PCB-MICROWAVE
489010-005	Wipe	1 dm2	10 mL	10.0		.5 mL		PCB-MICROWAVE
489010-007	Wipe	1 dm2	10 mL	10.0		.5 mL		PCB-MICROWAVE
489010-009	Wipe	1 dm2	10 mL	10.0		.5 mL		PCB-MICROWAVE
489010-012	Wipe	1 dm2	10 mL	10.0		.5 mL		PCB-MICROWAVE
489010-013	Wipe	1 dm2	10 mL	10.0		.5 mL		PCB-MICROWAVE
489010-015	Wipe	1 dm2	10 mL	10.0		.5 mL		PCB-MICROWAVE
489010-017	Wipe	1 dm2	10 mL	10.0		.5 mL		PCB-MICROWAVE
489010-019	Wipe	1 dm2	10 mL	10.0		.5 mL		PCB-MICROWAVE
489010-021	Wipe	1 dm2	10 mL	10.0		.5 mL		PCB-MICROWAVE
489010-023	Wipe	1 dm2	10 mL	10.0		.5 mL		PCB-MICROWAVE
489058-001	Wipe	1 dm2	10 mL	10.0		.5 mL		PCB-MICROWAVE
489058-003	Wipe	1 dm2	10 mL	10.0		.5 mL		PCB-MICROWAVE
489058-005	Wipe	1 dm2	10 mL	10.0		.5 mL		PCB-MICROWAVE
489058-007	Wipe	1 dm2	10 mL	10.0		.5 mL		PCB-MICROWAVE
489058-009	Wipe	1 dm2	10 mL	10.0		.5 mL		PCB-MICROWAVE
489058-011	Wipe	1 dm2	10 mL	10.0		.5 mL		PCB-MICROWAVE
489058-013	Wipe	1 dm2	10 mL	10.0		.5 mL		PCB-MICROWAVE
489058-016	Wipe	1 dm2	10 mL	10.0		.5 mL		PCB-MICROWAVE
QC1082105 BLANK	Wipe	1 dm2	10 mL	10.0		.5 mL		8080
QC1082106 BS	Wipe	1 dm2	10 mL	10.0		.5 mL	.5 mL	8080
QC1082107 BSD	Wipe	1 dm2	10 mL	10.0		.5 mL	.5 mL	8080

Analyst: MES 07/26/23

Reviewer: MTS 07/27/23

KTJ 07/25/23

8081/8082/608.3 Prep Log

Prep Method: ~~07/25/23~~ 3546 Matrix: wipe Date/Time: 07/25/23 15:10 Initials: KTJ/~~SNB~~ SNV 7/25

Hotblock ID: ____ Therm Loc: ____ Therm ID/CF: ____/____

Hotblock Temp (Obs/Corr), °C: ____/____

Balance ID: NA Microdipenser ID: Syringe

Extraction Start Time*: 15:21 Extraction end time*: 16:06

608.3 QC Batch#: ____

8081 QC Batch #: ____

8082 QC Batch #: 318888

* For hot block, microwave, shaker table

Sample ID	Cont. ID	Sample Initial Amount Circle one: mL g ~~cf~~ 1 in.²	pH is 5-9?	Extraction Equipment ID (Sox, Sonic., Shaker)	Turbo Vap ID	Extract, Final Volume (mL)	Date/Time (If diff from above)	Comment
Blank		1 in²	NA	MiCO2-07	TV07	10.0		
LCS				-10				
LCSD				-11				
489010-001	A			-12				
-004	A			-13				
-005	A			-14				
-007	A			-15	TV05			
-009	A			-16				
-012	A			-17				
-013	A			-18				
-015	A			-19				
-017	A			-20				
-019	A			-21	TV06			
-021	A			-22	TV09			
-023	A			-23				
489058-001	A			-24				
-003	A			-01				
-005	A			-02				
-007	A			-03				
-009	A			-04	TV08			
-011	A			-08				
-013	A			-06				
-016	A	↓	↓	-07	↓	↓		

Methylene Chloride Lot: NA

Exchange Solvent (Hexane) ID: S18646

Acetone-Hexane Mix ID: NA

Sodium Sulfate Lot: 215528

Baked Sand Lot: NA

Surrogate ID: S18679 Volume: 500 µL

Pest LCS Spike ID: NA Volume: ____ µL

PCB LCS Spike ID: S18683 Volume: 500 µL

Pest MS/MSD Spike ID: NA Volume: ____ µL

PCB MS/MSD Spike ID: NA Volume: ____ µL

REPORTING SUMMARY FOR 489010 PCBS Wipe

Sample ID	Analyte	Inst ID	Ch	Date & Time
489010-001	Aroclor-1016	SVOA-GC06	B	07/25/23 19:20
489010-001	Aroclor-1221	SVOA-GC06	B	07/25/23 19:20
489010-001	Aroclor-1232	SVOA-GC06	B	07/25/23 19:20
489010-001	Aroclor-1242	SVOA-GC06	B	07/25/23 19:20
489010-001	Aroclor-1248	SVOA-GC06	B	07/25/23 19:20
489010-001	Aroclor-1254	SVOA-GC06	B	07/25/23 19:20
489010-001	Aroclor-1260	SVOA-GC06	B	07/25/23 19:20
489010-001	Aroclor-1262	SVOA-GC06	B	07/25/23 19:20
489010-001	Aroclor-1268	SVOA-GC06	B	07/25/23 19:20
489010-001	TCMX (PCB)	SVOA-GC06	B	07/25/23 19:20
489010-001	Decachlorobiphenyl (PCB)	SVOA-GC06	B	07/25/23 19:20
489010-004	Aroclor-1016	SVOA-GC06	B	07/25/23 19:38
489010-004	Aroclor-1221	SVOA-GC06	B	07/25/23 19:38
489010-004	Aroclor-1232	SVOA-GC06	B	07/25/23 19:38
489010-004	Aroclor-1242	SVOA-GC06	B	07/25/23 19:38
489010-004	Aroclor-1248	SVOA-GC06	B	07/25/23 19:38
489010-004	Aroclor-1254	SVOA-GC06	B	07/25/23 19:38
489010-004	Aroclor-1260	SVOA-GC06	B	07/25/23 19:38
489010-004	Aroclor-1262	SVOA-GC06	B	07/25/23 19:38
489010-004	Aroclor-1268	SVOA-GC06	B	07/25/23 19:38
489010-004	TCMX (PCB)	SVOA-GC06	B	07/25/23 19:38
489010-004	Decachlorobiphenyl (PCB)	SVOA-GC06	B	07/25/23 19:38
489010-005	Aroclor-1016	SVOA-GC06	B	07/25/23 19:56
489010-005	Aroclor-1221	SVOA-GC06	B	07/25/23 19:56
489010-005	Aroclor-1232	SVOA-GC06	B	07/25/23 19:56
489010-005	Aroclor-1242	SVOA-GC06	B	07/25/23 19:56
489010-005	Aroclor-1248	SVOA-GC06	B	07/25/23 19:56
489010-005	Aroclor-1254	SVOA-GC06	B	07/25/23 19:56
489010-005	Aroclor-1260	SVOA-GC06	B	07/25/23 19:56

REPORTING SUMMARY FOR 489010 PCBS Wipe

Sample ID	Analyte	Inst ID	Ch	Date & Time
489010-005	Aroclor-1262	SVOA-GC06	B	07/25/23 19:56
489010-005	Aroclor-1268	SVOA-GC06	B	07/25/23 19:56
489010-005	TCMX (PCB)	SVOA-GC06	B	07/25/23 19:56
489010-005	Decachlorobiphenyl (PCB)	SVOA-GC06	B	07/25/23 19:56
489010-007	Aroclor-1016	SVOA-GC06	B	07/25/23 20:14
489010-007	Aroclor-1221	SVOA-GC06	B	07/25/23 20:14
489010-007	Aroclor-1232	SVOA-GC06	B	07/25/23 20:14
489010-007	Aroclor-1242	SVOA-GC06	B	07/25/23 20:14
489010-007	Aroclor-1248	SVOA-GC06	B	07/25/23 20:14
489010-007	Aroclor-1254	SVOA-GC06	B	07/25/23 20:14
489010-007	Aroclor-1260	SVOA-GC06	B	07/25/23 20:14
489010-007	Aroclor-1262	SVOA-GC06	B	07/25/23 20:14
489010-007	Aroclor-1268	SVOA-GC06	B	07/25/23 20:14
489010-007	TCMX (PCB)	SVOA-GC06	B	07/25/23 20:14
489010-007	Decachlorobiphenyl (PCB)	SVOA-GC06	B	07/25/23 20:14
489010-009	Aroclor-1016	SVOA-GC06	B	07/25/23 20:32
489010-009	Aroclor-1221	SVOA-GC06	B	07/25/23 20:32
489010-009	Aroclor-1232	SVOA-GC06	B	07/25/23 20:32
489010-009	Aroclor-1242	SVOA-GC06	B	07/25/23 20:32
489010-009	Aroclor-1248	SVOA-GC06	B	07/25/23 20:32
489010-009	Aroclor-1254	SVOA-GC06	B	07/25/23 20:32
489010-009	Aroclor-1260	SVOA-GC06	B	07/25/23 20:32
489010-009	Aroclor-1262	SVOA-GC06	B	07/25/23 20:32
489010-009	Aroclor-1268	SVOA-GC06	B	07/25/23 20:32
489010-009	TCMX (PCB)	SVOA-GC06	B	07/25/23 20:32
489010-009	Decachlorobiphenyl (PCB)	SVOA-GC06	B	07/25/23 20:32
489010-012	Aroclor-1016	SVOA-GC06	B	07/25/23 20:51
489010-012	Aroclor-1221	SVOA-GC06	B	07/25/23 20:51

REPORTING SUMMARY FOR 489010 PCBS Wipe

Sample ID	Analyte	Inst ID	Ch	Date & Time
489010-012	Aroclor-1232	SVOA-GC06	B	07/25/23 20:51
489010-012	Aroclor-1242	SVOA-GC06	B	07/25/23 20:51
489010-012	Aroclor-1248	SVOA-GC06	B	07/25/23 20:51
489010-012	Aroclor-1254	SVOA-GC06	B	07/25/23 20:51
489010-012	Aroclor-1260	SVOA-GC06	B	07/25/23 20:51
489010-012	Aroclor-1262	SVOA-GC06	B	07/25/23 20:51
489010-012	Aroclor-1268	SVOA-GC06	B	07/25/23 20:51
489010-012	TCMX (PCB)	SVOA-GC06	B	07/25/23 20:51
489010-012	Decachlorobiphenyl (PCB)	SVOA-GC06	B	07/25/23 20:51
489010-013	Aroclor-1016	SVOA-GC06	B	07/25/23 21:09
489010-013	Aroclor-1221	SVOA-GC06	B	07/25/23 21:09
489010-013	Aroclor-1232	SVOA-GC06	B	07/25/23 21:09
489010-013	Aroclor-1242	SVOA-GC06	B	07/25/23 21:09
489010-013	Aroclor-1248	SVOA-GC06	B	07/25/23 21:09
489010-013	Aroclor-1254	SVOA-GC06	B	07/25/23 21:09
489010-013	Aroclor-1260	SVOA-GC06	B	07/25/23 21:09
489010-013	Aroclor-1262	SVOA-GC06	B	07/25/23 21:09
489010-013	Aroclor-1268	SVOA-GC06	B	07/25/23 21:09
489010-013	TCMX (PCB)	SVOA-GC06	B	07/25/23 21:09
489010-013	Decachlorobiphenyl (PCB)	SVOA-GC06	B	07/25/23 21:09
489010-015	Aroclor-1016	SVOA-GC06	B	07/25/23 21:27
489010-015	Aroclor-1221	SVOA-GC06	B	07/25/23 21:27
489010-015	Aroclor-1232	SVOA-GC06	B	07/25/23 21:27
489010-015	Aroclor-1242	SVOA-GC06	B	07/25/23 21:27
489010-015	Aroclor-1248	SVOA-GC06	B	07/25/23 21:27
489010-015	Aroclor-1254	SVOA-GC06	B	07/25/23 21:27
489010-015	Aroclor-1260	SVOA-GC06	B	07/25/23 21:27
489010-015	Aroclor-1262	SVOA-GC06	B	07/25/23 21:27
489010-015	Aroclor-1268	SVOA-GC06	B	07/25/23 21:27

REPORTING SUMMARY FOR 489010 PCBS Wipe

Sample ID	Analyte	Inst ID	Ch	Date & Time
489010-015	TCMX (PCB)	SVOA-GC06	B	07/25/23 21:27
489010-015	Decachlorobiphenyl (PCB)	SVOA-GC06	B	07/25/23 21:27
489010-017	Aroclor-1016	SVOA-GC06	B	07/25/23 21:45
489010-017	Aroclor-1221	SVOA-GC06	B	07/25/23 21:45
489010-017	Aroclor-1232	SVOA-GC06	B	07/25/23 21:45
489010-017	Aroclor-1242	SVOA-GC06	B	07/25/23 21:45
489010-017	Aroclor-1248	SVOA-GC06	B	07/25/23 21:45
489010-017	Aroclor-1254	SVOA-GC06	B	07/25/23 21:45
489010-017	Aroclor-1260	SVOA-GC06	B	07/25/23 21:45
489010-017	Aroclor-1262	SVOA-GC06	B	07/25/23 21:45
489010-017	Aroclor-1268	SVOA-GC06	B	07/25/23 21:45
489010-017	TCMX (PCB)	SVOA-GC06	B	07/25/23 21:45
489010-017	Decachlorobiphenyl (PCB)	SVOA-GC06	B	07/25/23 21:45
489010-019	Aroclor-1016	SVOA-GC06	B	07/25/23 22:03
489010-019	Aroclor-1221	SVOA-GC06	B	07/25/23 22:03
489010-019	Aroclor-1232	SVOA-GC06	B	07/25/23 22:03
489010-019	Aroclor-1242	SVOA-GC06	B	07/25/23 22:03
489010-019	Aroclor-1248	SVOA-GC06	B	07/25/23 22:03
489010-019	Aroclor-1254	SVOA-GC06	B	07/25/23 22:03
489010-019	Aroclor-1260	SVOA-GC06	B	07/25/23 22:03
489010-019	Aroclor-1262	SVOA-GC06	B	07/25/23 22:03
489010-019	Aroclor-1268	SVOA-GC06	B	07/25/23 22:03
489010-019	TCMX (PCB)	SVOA-GC06	B	07/25/23 22:03
489010-019	Decachlorobiphenyl (PCB)	SVOA-GC06	B	07/25/23 22:03
489010-021	Aroclor-1016	SVOA-GC06	B	07/25/23 22:21
489010-021	Aroclor-1221	SVOA-GC06	B	07/25/23 22:21
489010-021	Aroclor-1232	SVOA-GC06	B	07/25/23 22:21
489010-021	Aroclor-1242	SVOA-GC06	B	07/25/23 22:21

REPORTING SUMMARY FOR 489010 PCBS Wipe

Sample ID	Analyte	Inst ID	Ch	Date & Time
489010-021	Aroclor-1248	SVOA-GC06	B	07/25/23 22:21
489010-021	Aroclor-1254	SVOA-GC06	B	07/25/23 22:21
489010-021	Aroclor-1260	SVOA-GC06	B	07/25/23 22:21
489010-021	Aroclor-1262	SVOA-GC06	B	07/25/23 22:21
489010-021	Aroclor-1268	SVOA-GC06	B	07/25/23 22:21
489010-021	TCMX (PCB)	SVOA-GC06	B	07/25/23 22:21
489010-021	Decachlorobiphenyl (PCB)	SVOA-GC06	B	07/25/23 22:21
489010-023	Aroclor-1016	SVOA-GC06	B	07/25/23 22:40
489010-023	Aroclor-1221	SVOA-GC06	B	07/25/23 22:40
489010-023	Aroclor-1232	SVOA-GC06	B	07/25/23 22:40
489010-023	Aroclor-1242	SVOA-GC06	B	07/25/23 22:40
489010-023	Aroclor-1248	SVOA-GC06	B	07/25/23 22:40
489010-023	Aroclor-1254	SVOA-GC06	B	07/25/23 22:40
489010-023	Aroclor-1260	SVOA-GC06	B	07/25/23 22:40
489010-023	Aroclor-1262	SVOA-GC06	B	07/25/23 22:40
489010-023	Aroclor-1268	SVOA-GC06	B	07/25/23 22:40
489010-023	TCMX (PCB)	SVOA-GC06	B	07/25/23 22:40
489010-023	Decachlorobiphenyl (PCB)	SVOA-GC06	B	07/25/23 22:40
QC1082105	Aroclor-1016	SVOA-GC06	B	07/25/23 18:25
QC1082105	Aroclor-1221	SVOA-GC06	B	07/25/23 18:25
QC1082105	Aroclor-1232	SVOA-GC06	B	07/25/23 18:25
QC1082105	Aroclor-1242	SVOA-GC06	B	07/25/23 18:25
QC1082105	Aroclor-1248	SVOA-GC06	B	07/25/23 18:25
QC1082105	Aroclor-1254	SVOA-GC06	B	07/25/23 18:25
QC1082105	Aroclor-1260	SVOA-GC06	B	07/25/23 18:25
QC1082105	Aroclor-1262	SVOA-GC06	B	07/25/23 18:25
QC1082105	Aroclor-1268	SVOA-GC06	B	07/25/23 18:25
QC1082105	TCMX (PCB)	SVOA-GC06	B	07/25/23 18:25
QC1082105	Decachlorobiphenyl (PCB)	SVOA-GC06	B	07/25/23 18:25

REPORTING SUMMARY FOR 489010 PCBS Wipe

Sample ID	Analyte	Inst ID	Ch	Date & Time
QC1082106	Aroclor-1016	SVOA-GC06	B	07/25/23 18:43
QC1082106	Aroclor-1260	SVOA-GC06	B	07/25/23 18:43
QC1082106	TCMX (PCB)	SVOA-GC06	B	07/25/23 18:43
QC1082106	Decachlorobiphenyl (PCB)	SVOA-GC06	B	07/25/23 18:43
QC1082107	Aroclor-1016	SVOA-GC06	B	07/25/23 19:02
QC1082107	Aroclor-1260	SVOA-GC06	B	07/25/23 19:02
QC1082107	TCMX (PCB)	SVOA-GC06	B	07/25/23 19:02
QC1082107	Decachlorobiphenyl (PCB)	SVOA-GC06	B	07/25/23 19:02

Sample Raw Data

ENTHALPY SAMPLE USER REPORT FOR EPA 8082

Inst:	SVOA-GC06	Lab ID:	489010-001	Client ID:	AFRAME-C6W-MED-L3-EXT-1 TO 2-230724-P-WF
Seqnum:	453297295018	Matrix:	Wipe	Acct:	RINCON-BERK (JG)
File:	gc06_072523018	Batch:	318888	Time:	25-JUL-2023 19:20
Cal:	453205686001	Caldate:	22-MAY-2023		
IDF:	1.0	Raw Units:	ug/L	Units:	ug/dm2

- 1.00 dm2 ⇨ 10.0 ml = 10.0 ml/dm2 PDF

Analyte	Ch	Raw	Result	Conf	RPD	RL	Blank	Flags
Aroclor-1016	B	83.59	~~0.84~~ ~~FP~~	0.84	1%	0.50		x u
Aroclor-1016 Peak # 1	B	71.79	0.72	0.23	102%			
Aroclor-1016 Peak # 2	B	140.7	1.41	0.67	71%			
Aroclor-1016 Peak # 3	B	184.2	1.84	0.65	96%			
Aroclor-1016 Peak # 4	B	5.842	0.06	2.21	190%			
Aroclor-1016 Peak # 5	B	15.40	0.15	0.45	97%			
Aroclor-1221	B		ND			0.50		u
Aroclor-1232	B		ND			0.50		u
Aroclor-1242	B		ND			0.50		u
Aroclor-1248	B		ND			0.50		u
Aroclor-1254	B		ND			0.50		u
Aroclor-1260	B	29.65	ND	0.66	76%	0.50		u
Aroclor-1260 Peak # 1	B	47.03	0.47	1.64	111%			
Aroclor-1260 Peak # 2	B	28.92	0.29	0.10	100%			
Aroclor-1260 Peak # 3	B	16.61	0.17	0.33	66%			
Aroclor-1260 Peak # 4	B	52.57	0.53	1.01	63%			
Aroclor-1260 Peak # 5	B	3.118	0.03	0.24	154%			
Aroclor-1262	B		ND			0.50		u
Aroclor-1268	B		ND			0.50		u

Surrogate	Ch	Raw	Spiked	Result	%Rec	Limits	Flags
TCMX (PCB)	B	30.10	0.5000	0.3010	60	19-121	c- u
Decachlorobiphenyl (PCB)	B	30.71	0.5000	0.3071	61	19-121	u

NO INTERNAL STANDARD REFERENCE RUN FOUND FOR CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV(internal standard: 1BR2NITROBZ1268, 1BR2NITROBZ1262, 1BR2NITROBZ1232, 1BR2NITROBZ1248, 1BR2NITROBZ1242, 1BR2NITROBZ1221, 1BR2NITROBZ1254)

ISTD (CCV gc06_072523006)	Ch	CCV Abund	SAMPLE Abund	%Drift
1-bromo-2-nitrobenzene (PCB)	B	8843280	8642144	-2.27
1-bromo-2-nitrobenzene (PCB)	A	3794782	3808069	0.35

NO INTERNAL STANDARD REFERENCE RUN FOUND FOR CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV(internal standard: 1BR2NITROBZ1268, 1BR2NITROBZ1262, 1BR2NITROBZ1232, 1BR2NITROBZ1248, 1BR2NITROBZ1242, 1BR2NITROBZ1221, 1BR2NITROBZ1254)

ISTD (CCV gc06_072523006)	Ch	CCV RT	SAMPLE RT	Drift
1-bromo-2-nitrobenzene (PCB)	B	4.29	4.29	0.00
1-bromo-2-nitrobenzene (PCB)	A	4.09	4.07	-0.02

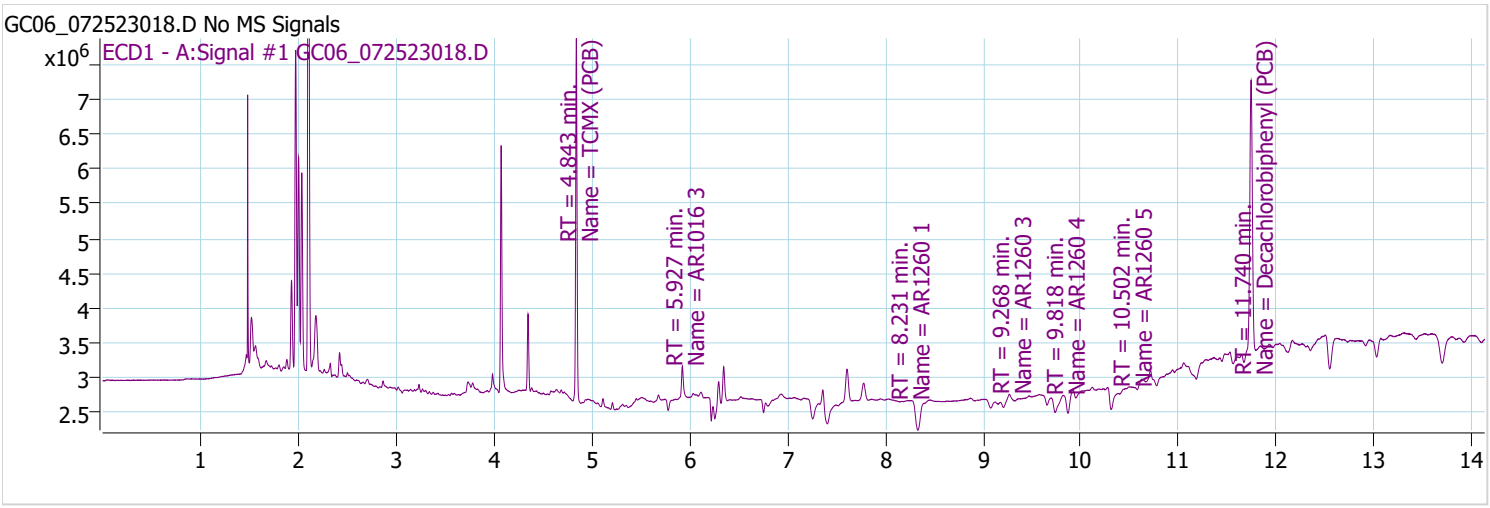
07/26/23 : WIPE/1DM^2.10ML

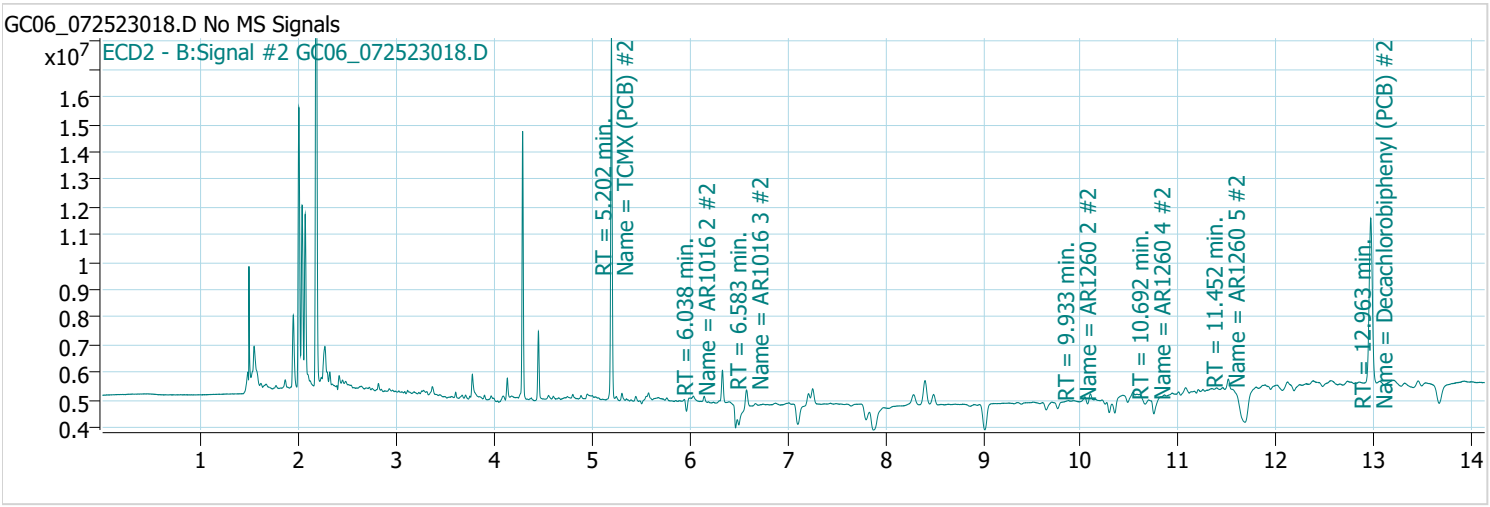
-=low bias c=CCV u=use x=false positive

Analyst: MES 07/26/23 **Reviewer:** MTS 07/27/23

Quantitation Results Report (Not Reviewed)

Data File	GC06_072523018.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	7/25/2023 7:20:13 PM
Sample Name	489010-001, 318888, 1	Instrument	SVOA-GC06
Vial	4	Multiplier	1.00
DA Method File	PCB_608_052323_GC06_36.m	Comment	WIPE/1DM^2.10ML
Tune File	ATUNE.U	Tune Date	
Batch Name	072523PCB.batch.bin	Last Calib Update	5/23/2023 1:46:10 PM
Ref Library			



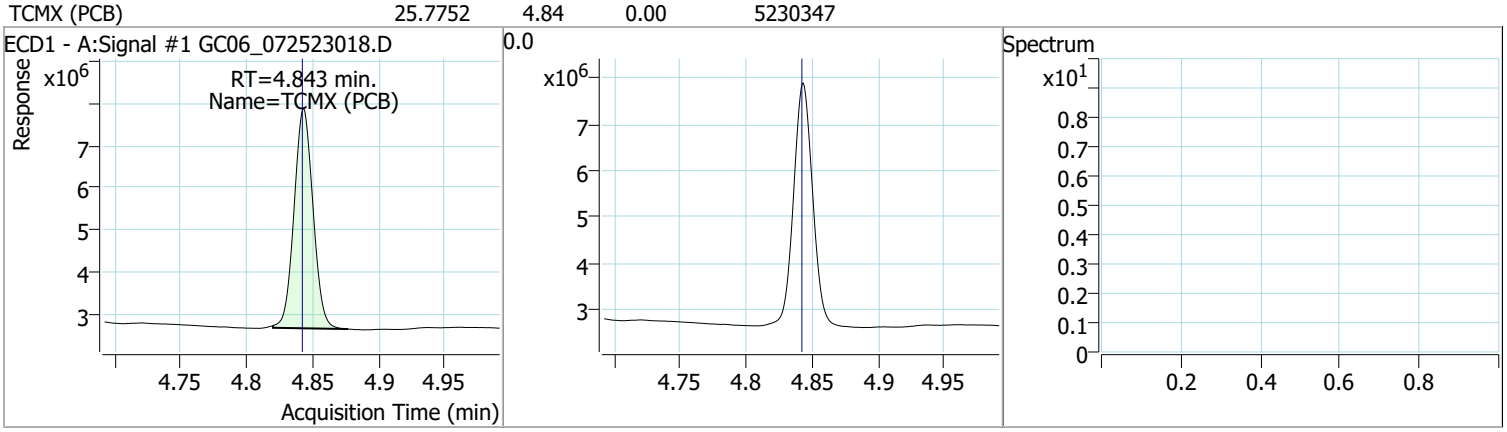


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1-bromo-2-nitrobenzene (PCB)	4.074	0.0	3808068.676	20.0000	ng/ml		-0.002
M 1-bromo-2-nitrobenzene (PCB) #2	4.294	0.0	8642143.824	20.0000	ng/ml		-0.001
System Monitoring Compounds							
S TCMX (PCB)	4.843	0.0	5230346.901	25.7752	ng/ml		-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 128.88%			
S TCMX (PCB) #2	5.202	0.0	13798382.177	30.0995	ng/ml		-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 150.50%		*	
S Decachlorobiphenyl (PCB)	11.740	0.0	7653383.710	30.1185	ng/ml		-0.005
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 150.59%		*	
S Decachlorobiphenyl (PCB) #2	12.963	0.0	14016807.014	30.7129	ng/ml		-0.003
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 153.56%		*	
Target Compounds							QValue

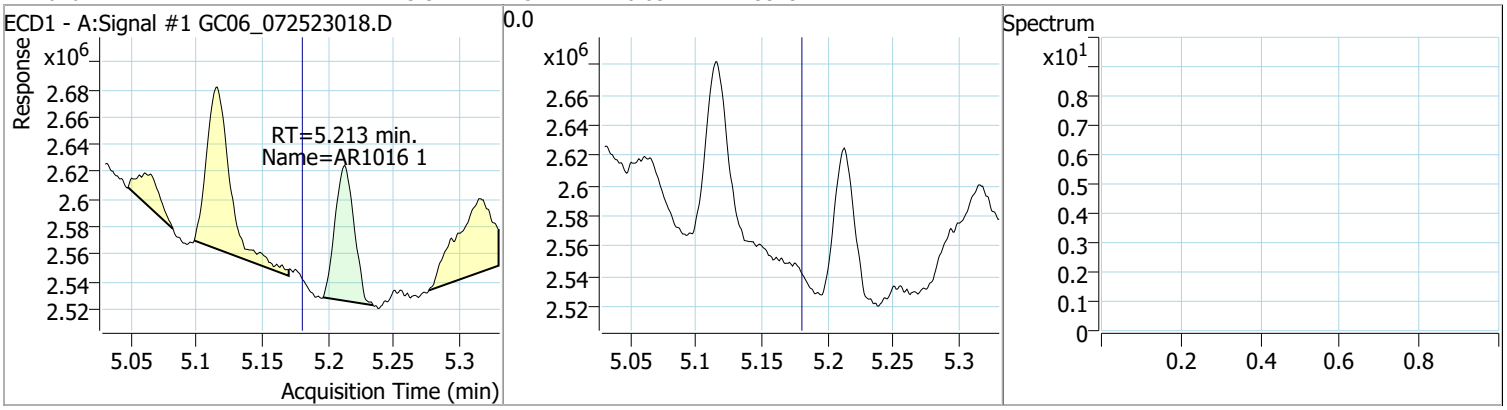
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T AR1016 1	5.213	0.0	99291.600	23.3772	ng/ml	100
T AR1016 2	5.512	0.0	580176.271	67.2826	ng/ml	100
T AR1016 1 #2	5.683	0.0	646219.200	71.7895	ng/ml	100
T AR1016 3	5.927	0.0	711164.693	64.5254	ng/ml	100
T AR1016 2 #2	6.038	0.0	2845006.303	140.6979	ng/ml	100
T AR1016 4	6.117	0.0	1470014.720	221.2864	ng/ml	100
T AR1016 5	6.240	0.0	226816.138	44.6434	ng/ml	100
T AR1016 3 #2	6.583	0.0	4481997.942	184.2065	ng/ml	100
T AR1016 4 #2	6.748	0.0	102311.953	5.8423	ng/ml	100
T AR1016 5 #2	6.879	0.0	143850.148	15.3993	ng/ml	100
T AR1260 1	8.231	0.0	2065628.528	164.0309	ng/ml	100
T AR1260 2	8.874	0.0	186511.077	9.7018	ng/ml	100
T AR1260 3	9.268	0.0	680186.052	33.1123	ng/ml	100
T AR1260 1 #2	9.702	0.0	1146296.890	47.0324	ng/ml	100
T AR1260 4	9.818	0.0	1128969.012	100.8773	ng/ml	100
T AR1260 2 #2	9.933	0.0	794702.674	28.9197	ng/ml	100
T AR1260 3 #2	10.317	0.0	583931.952	16.6052	ng/ml	100
T AR1260 5	10.502	0.0	424687.374	23.9993	ng/ml	100
T AR1260 4 #2	10.692	0.0	1079729.580	52.5670	ng/ml	100
T AR1260 5 #2	11.452	0.0	92840.049	3.1184	ng/ml	100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

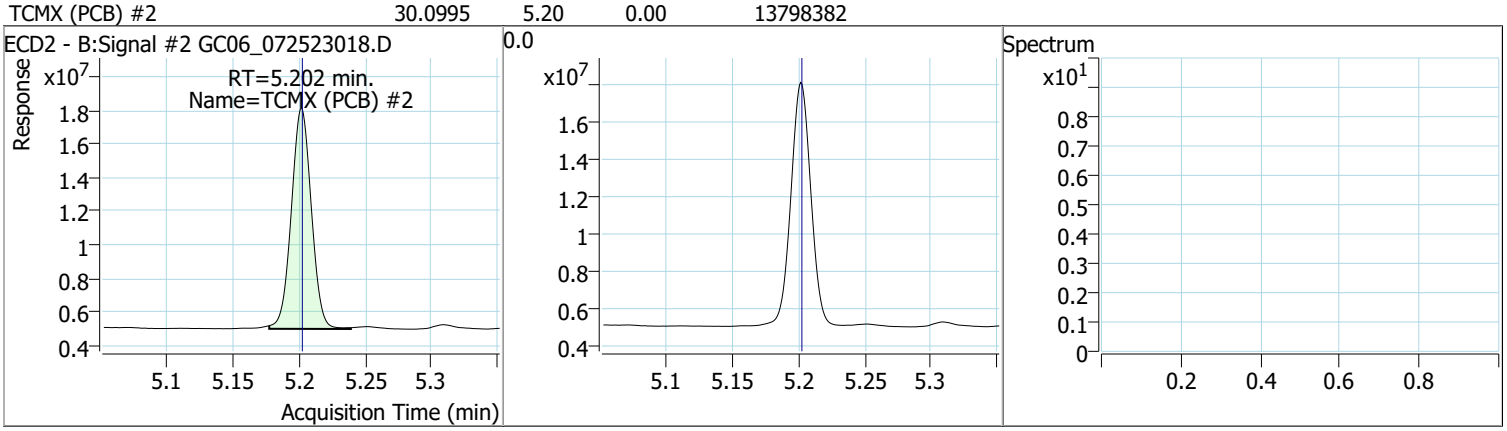
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	25.7752	4.84	0.00	5230347				



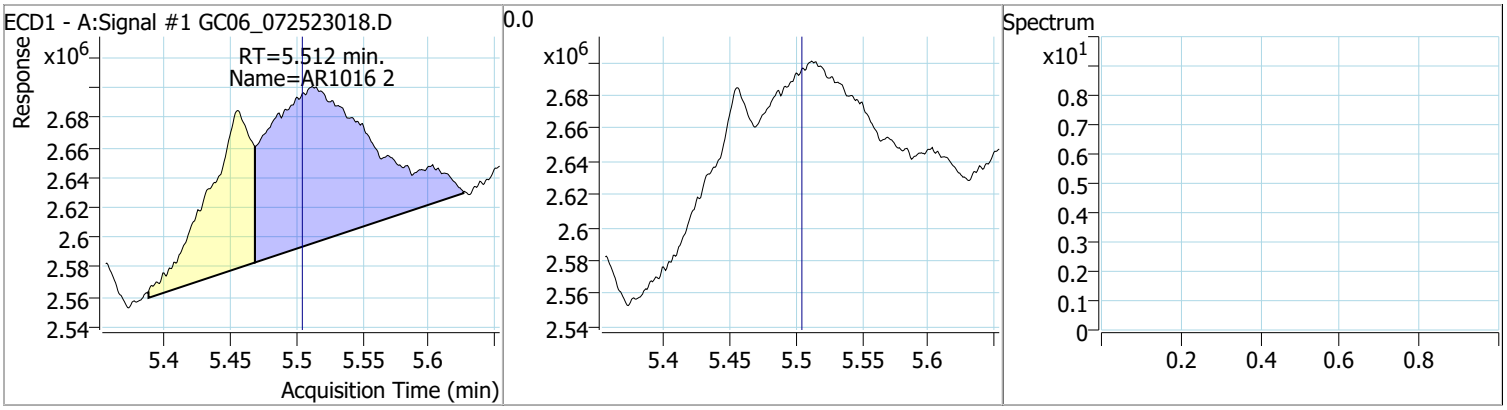
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	23.3772	5.21	0.03	99292				



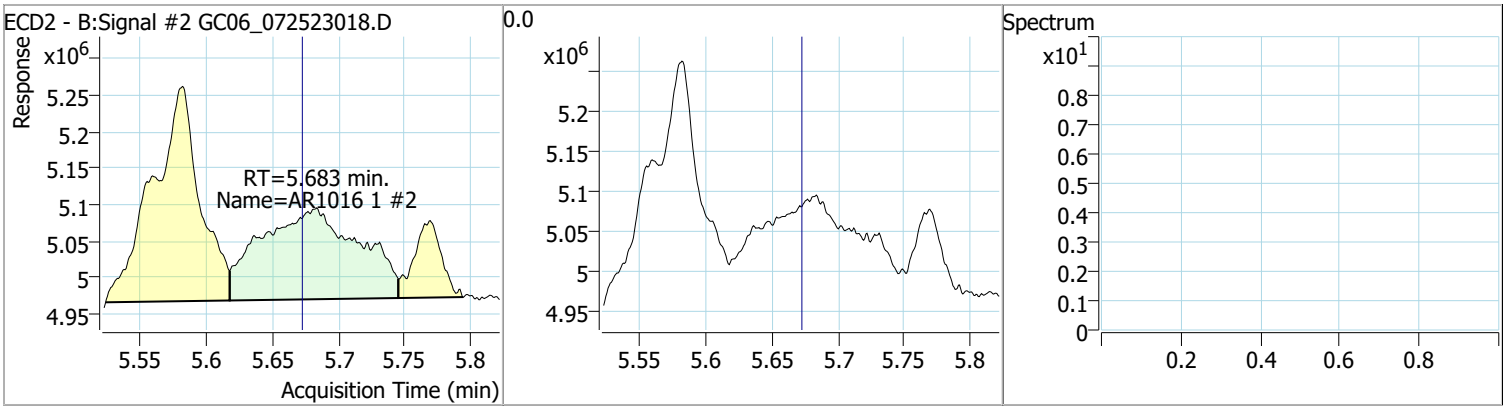
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB) #2	30.0995	5.20	0.00	13798382				



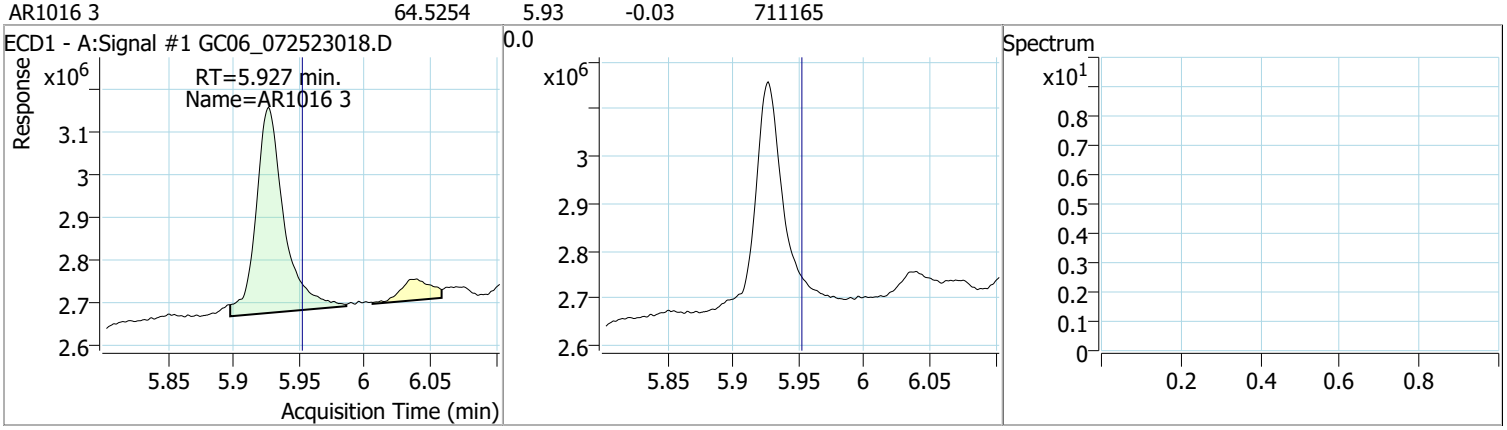
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	67.2826	5.51	0.01	580176				



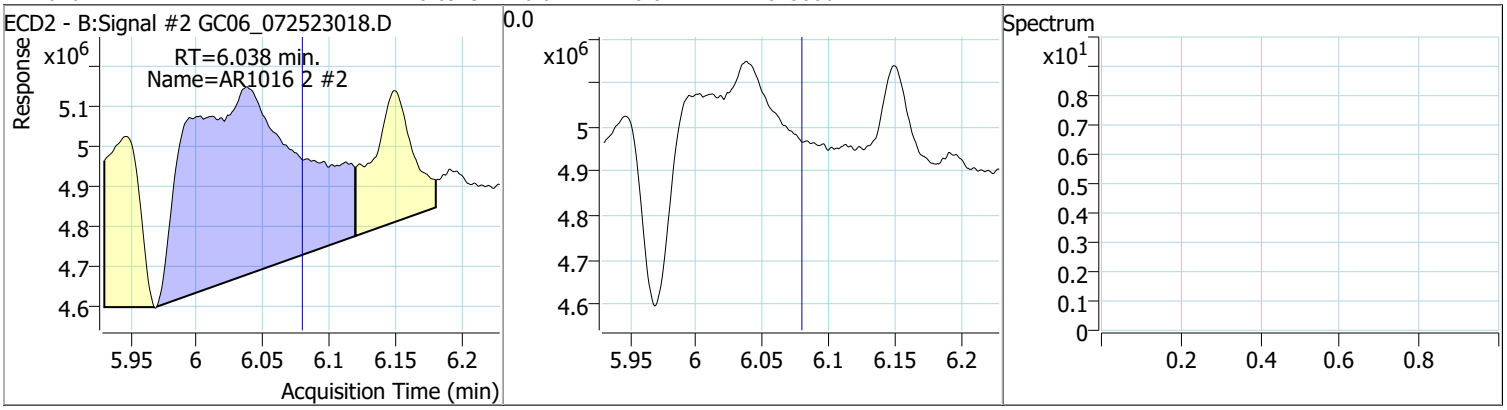
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1 #2	71.7895	5.68	0.01	646219				



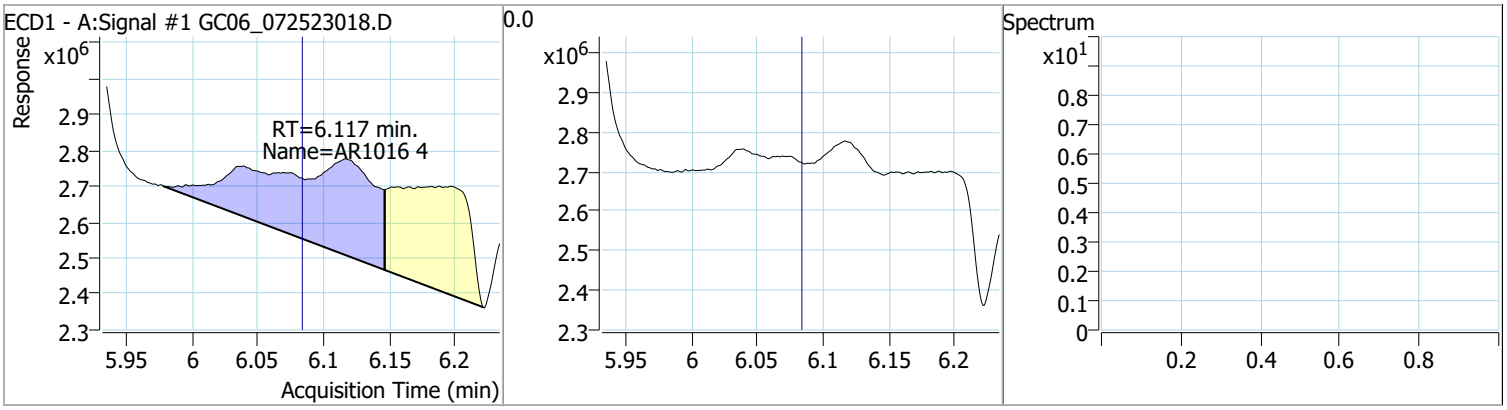
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	64.5254	5.93	-0.03	711165				



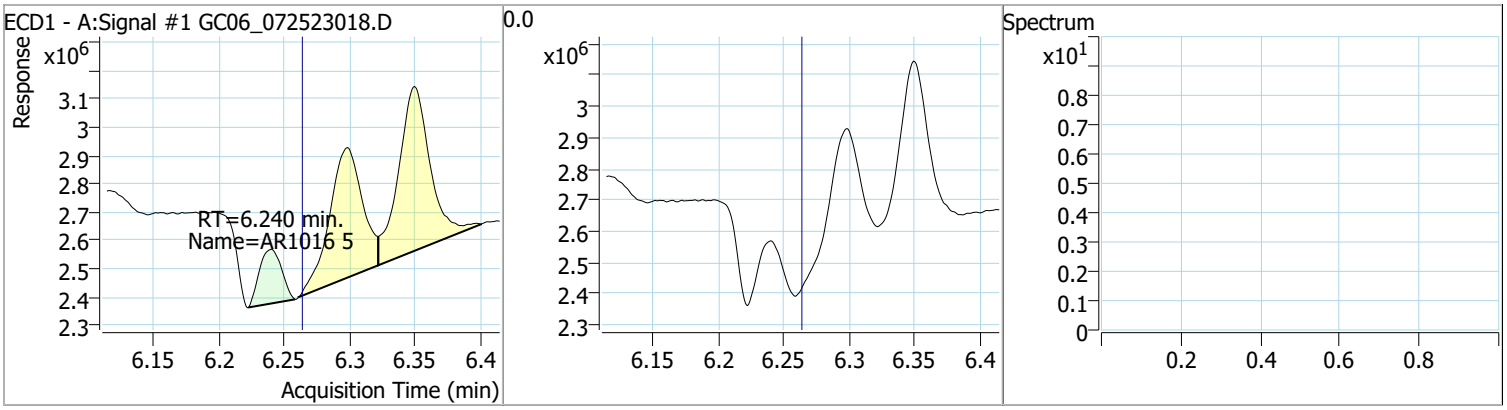
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	140.6979	6.04	-0.04	2845006				



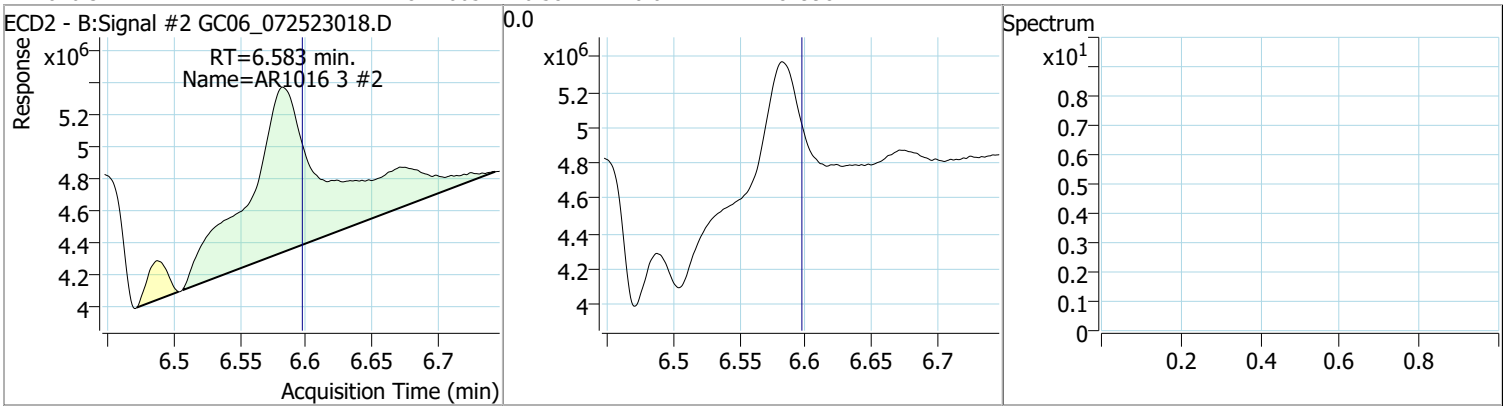
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4	221.2864	6.12	0.03	1470015				



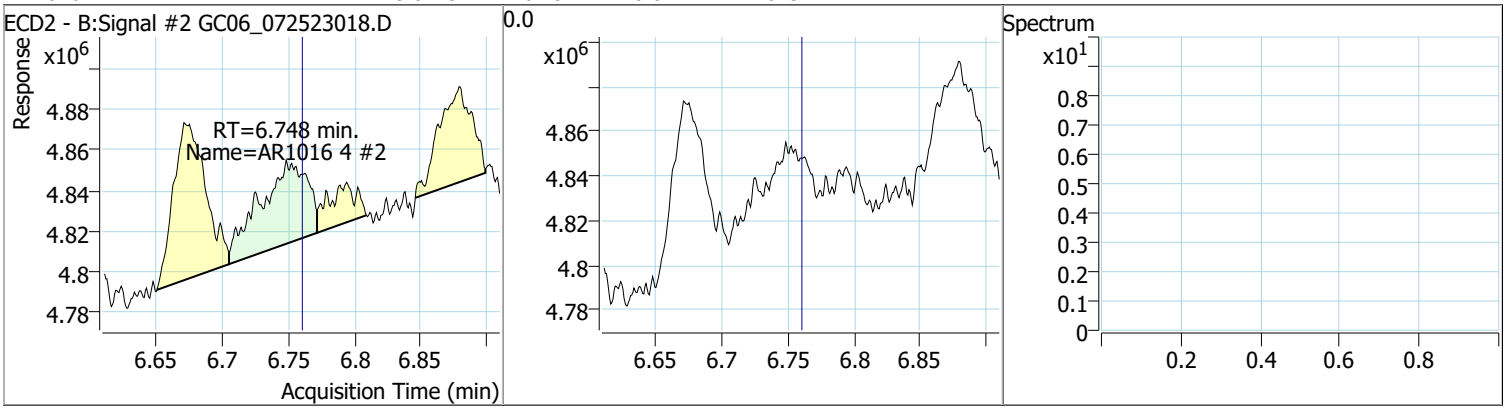
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	44.6434	6.24	-0.03	226816				



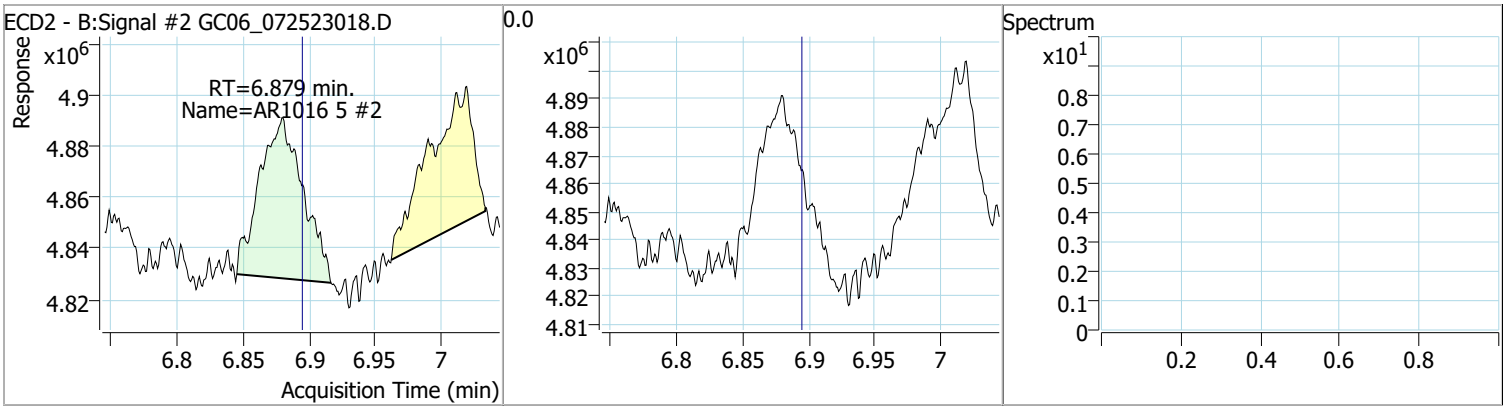
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	184.2065	6.58	-0.01	4481998				



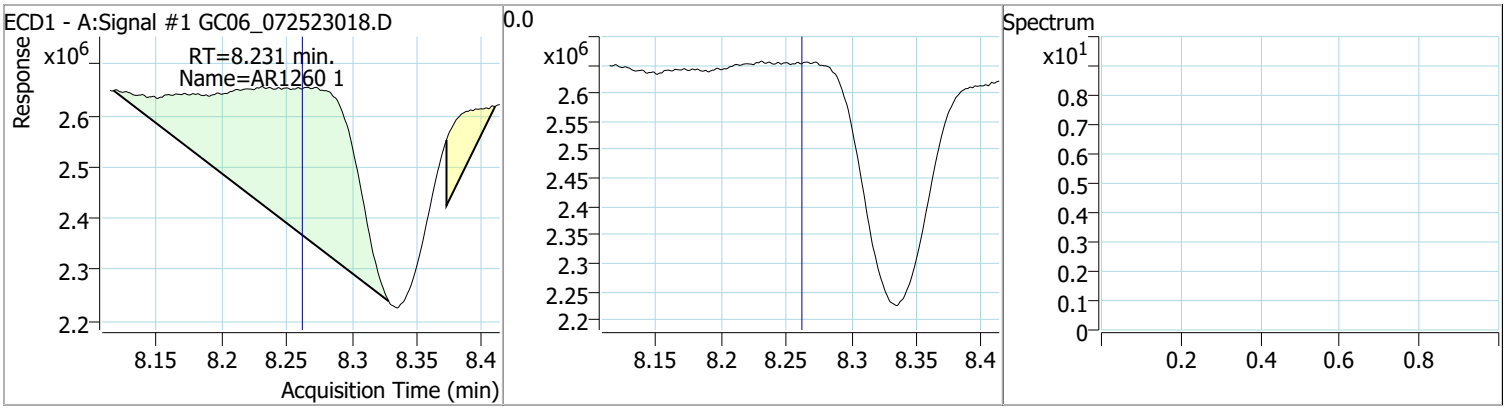
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4 #2	5.8423	6.75	-0.01	102312				



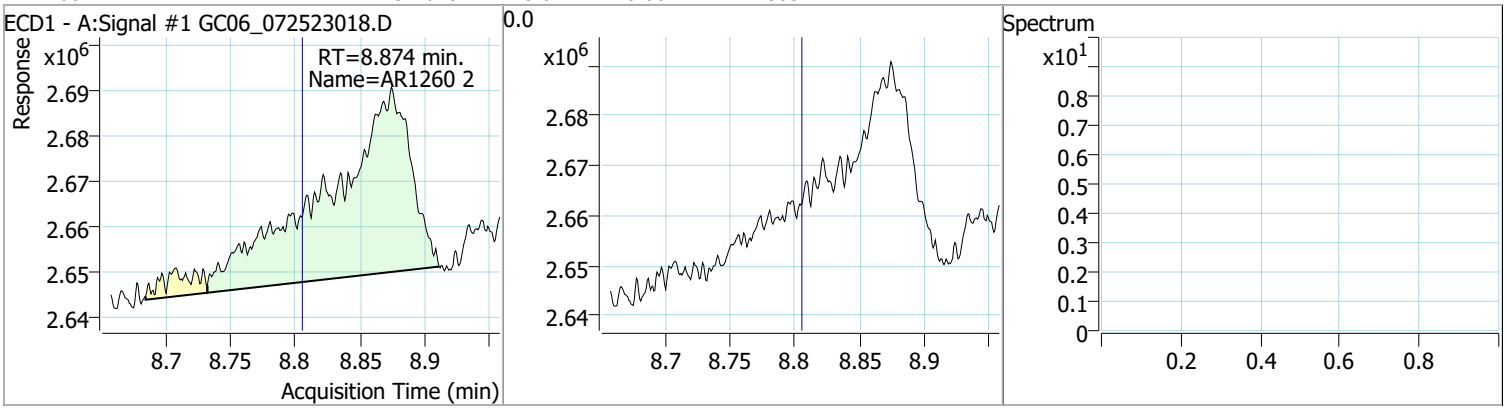
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	15.3993	6.88	-0.02	143850				



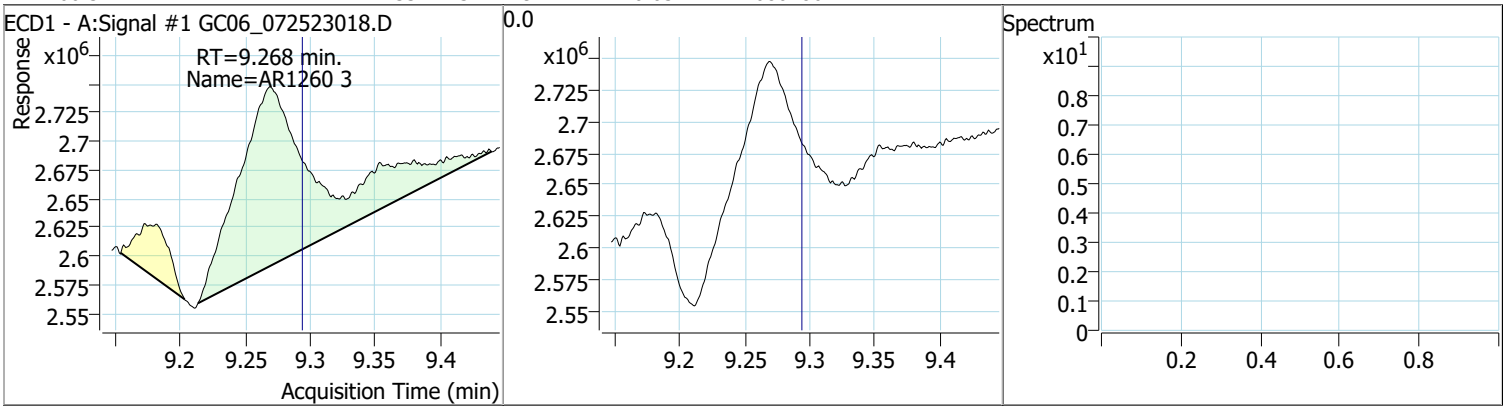
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	164.0309	8.23	-0.03	2065629				



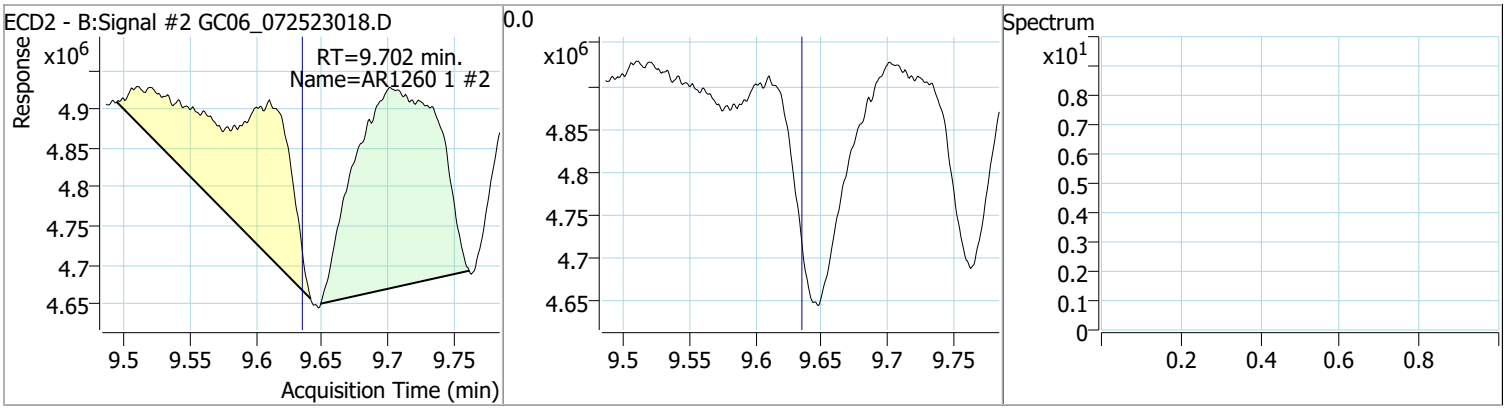
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	9.7018	8.87	0.06	186511				



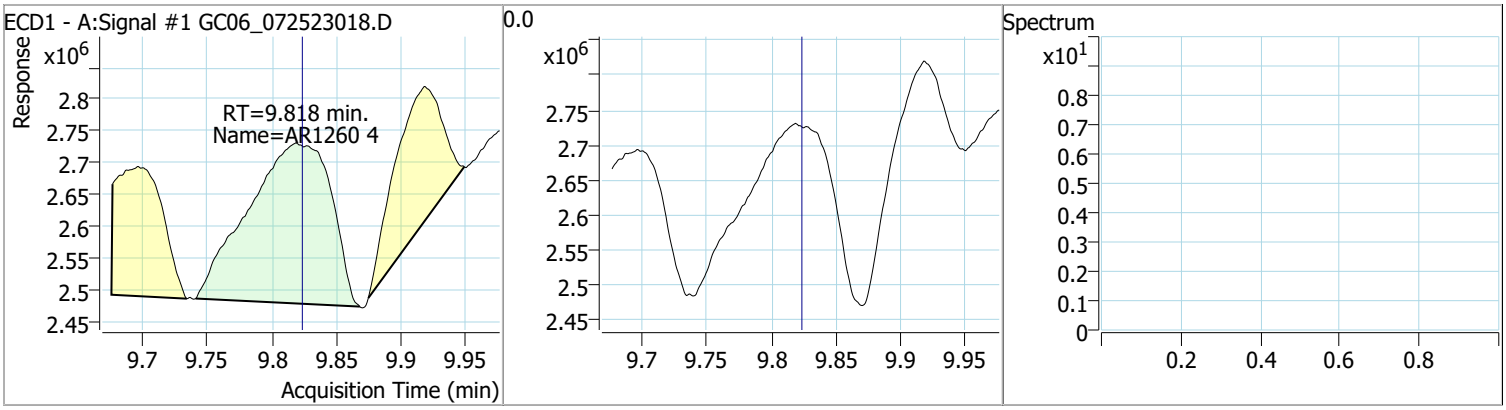
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3	33.1123	9.27	-0.03	680186				



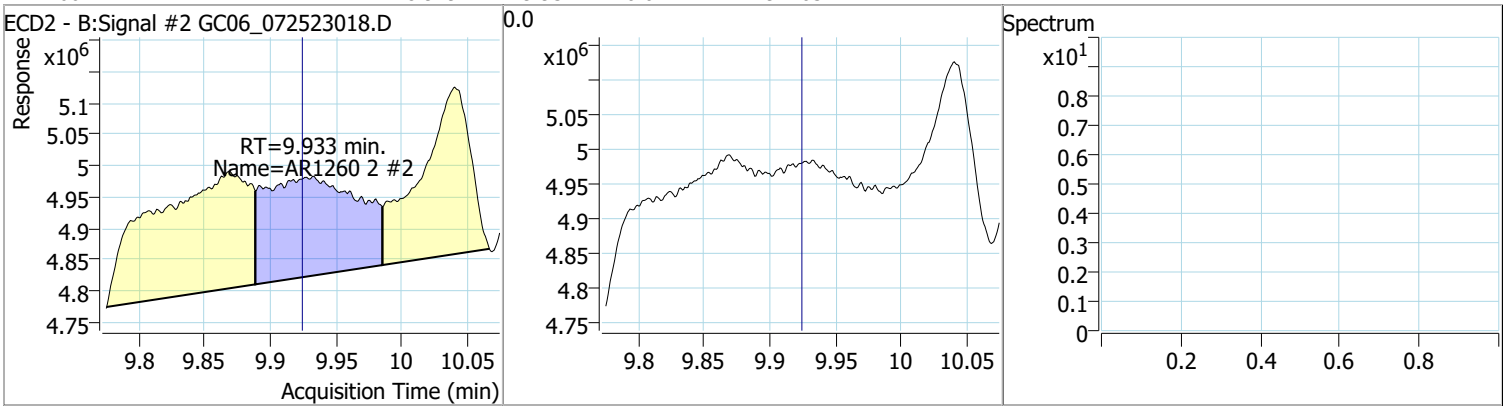
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1 #2	47.0324	9.70	0.07	1146297				



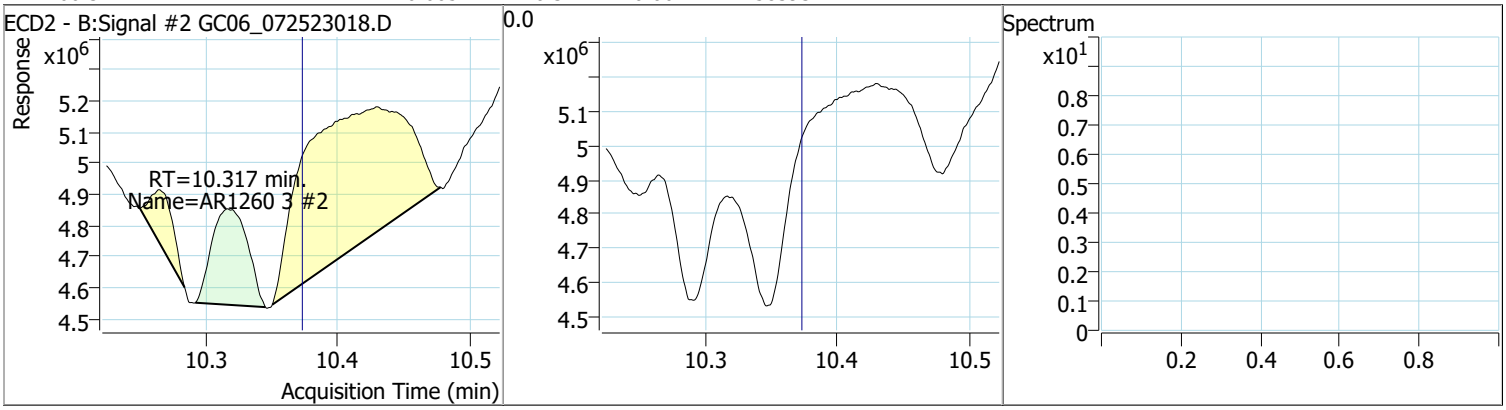
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4	100.8773	9.82	-0.01	1128969				



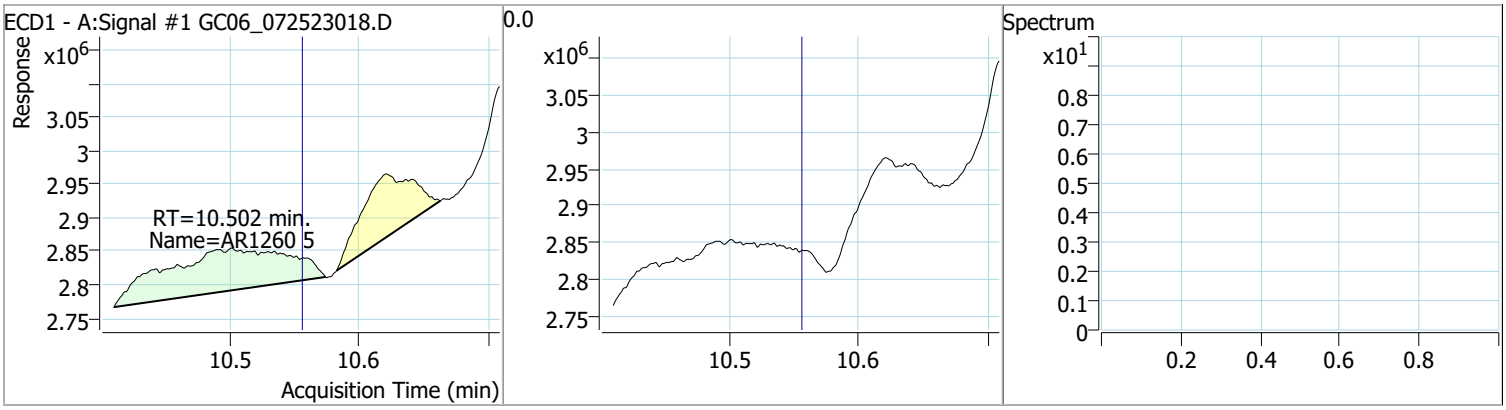
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	28.9197	9.93	0.01	794703				



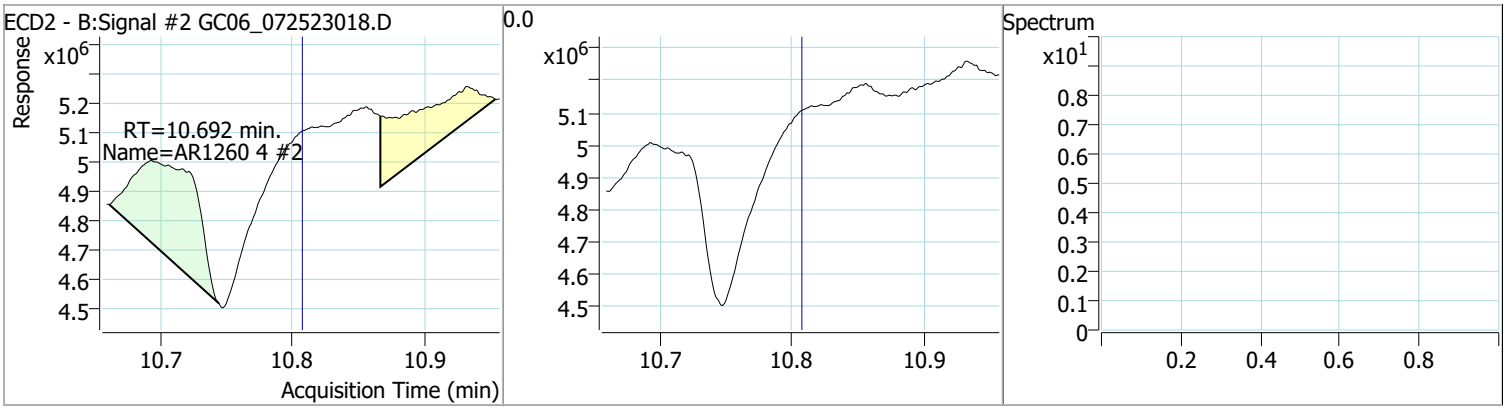
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3 #2	16.6052	10.32	-0.06	583932				



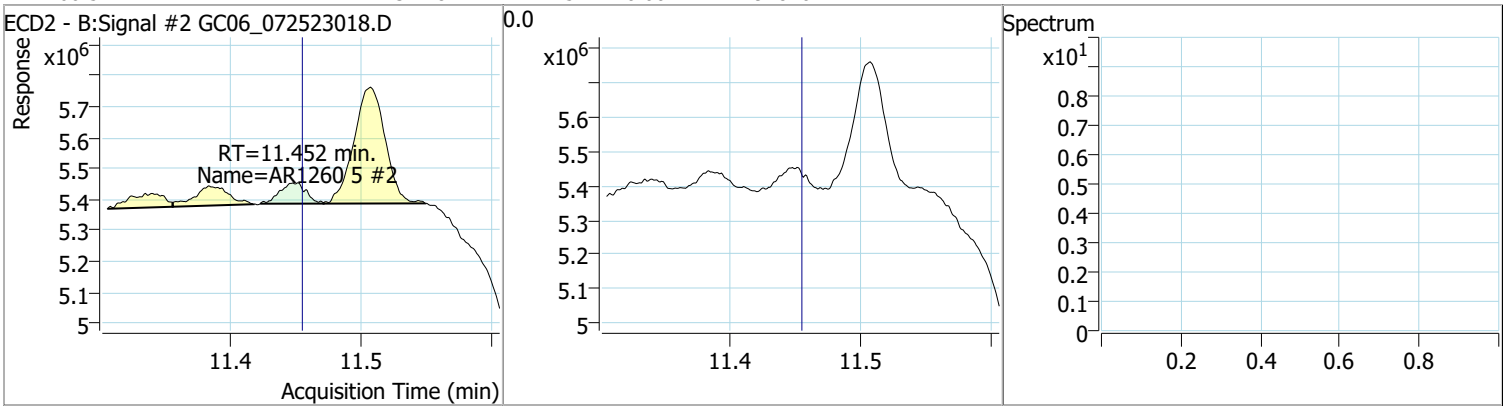
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	23.9993	10.50	-0.06	424687				



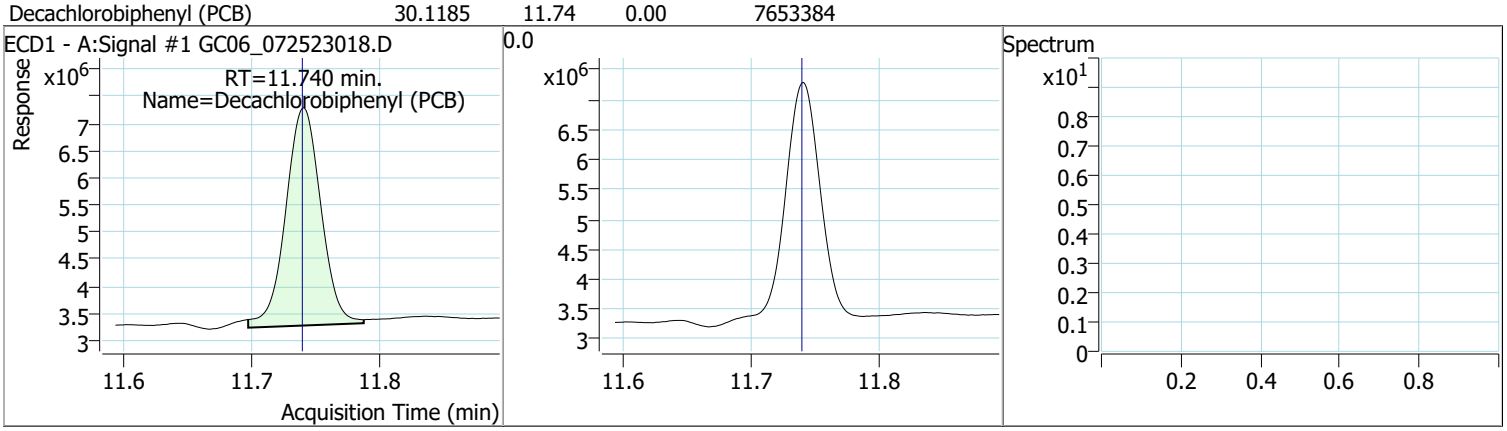
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	52.5670	10.69	-0.12	1079730				



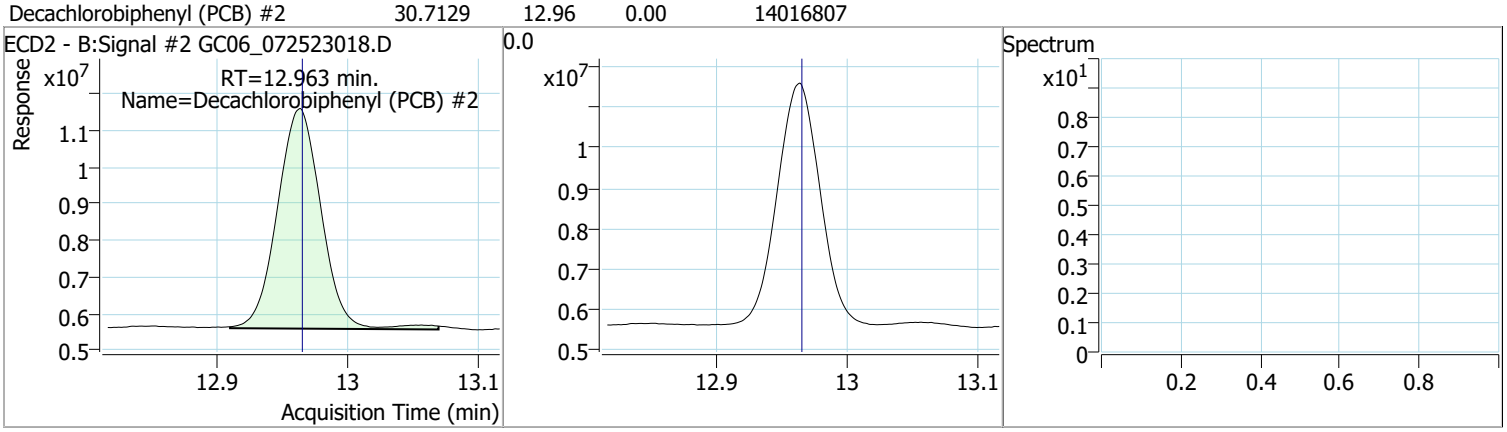
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	3.1184	11.45	0.00	92840				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	30.1185	11.74	0.00	7653384				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	30.7129	12.96	0.00	14016807				



ENTHALPY SAMPLE USER REPORT FOR EPA 8082

Inst:	SVOA-GC06	Lab ID:	489010-004	Client ID:	AFRAME-C6W-LAT-L3-UP-C6.7-DG-230724-P-LA
Seqnum:	453297295019	Matrix:	Wipe	Acct:	RINCON-BERK (JG)
File:	gc06_072523019	Batch:	318888	Time:	25-JUL-2023 19:38
Cal:	453205686001	Caldate:	22-MAY-2023		
IDF:	1.0	Raw Units:	ug/L	Units:	ug/dm2

- 1.00 dm2 ⇨ 10.0 ml = 10.0 ml/dm2 PDF

Analyte	Ch	Raw	Result	Conf	RPD	RL	Blank	Flags
Aroclor-1016	B	62.08	~~0.62~~ ~~FP~~	1.2	66%	0.50		x u
Aroclor-1016 Peak # 1	B	79.48	0.79	0.06	174%			
Aroclor-1016 Peak # 2	B	121.5	1.21	0.97	23%			
Aroclor-1016 Peak # 3	B	99.72	1.00	0.80	22%			
Aroclor-1016 Peak # 4	B	3.867	0.04	4.01	196%			
Aroclor-1016 Peak # 5	B	5.888	0.06	0.36	144%			
Aroclor-1221	B		ND			0.50		u
Aroclor-1232	B		ND			0.50		u
Aroclor-1242	B		ND			0.50		u
Aroclor-1248	B		ND			0.50		u
Aroclor-1254	B		ND			0.50		u
Aroclor-1260	B	29.36	ND	0.61	70%	0.50		u
Aroclor-1260 Peak # 1	B	21.56	0.22	1.71	155%			
Aroclor-1260 Peak # 2	B	80.44	0.80	0.03	186%			
Aroclor-1260 Peak # 3	B	12.67	0.13	0.04	112%			
Aroclor-1260 Peak # 4	B	25.02	0.25	1.04	122%			
Aroclor-1260 Peak # 5	B	7.134	0.07	0.23	104%			
Aroclor-1262	B		ND			0.50		u
Aroclor-1268	B		ND			0.50		u

Surrogate	Ch	Raw	Spiked	Result	%Rec	Limits	Flags
TCMX (PCB)	B	32.39	0.5000	0.3239	65	19-121	c- u
Decachlorobiphenyl (PCB)	B	30.50	0.5000	0.3050	61	19-121	u

NO INTERNAL STANDARD REFERENCE RUN FOUND FOR
CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV(internal standard: 1BR2NITROBZ1268, 1BR2NITROBZ1262, 1BR2NITROBZ1232, 1BR2NITROBZ1248, 1BR2NITROBZ1242, 1BR2NITROBZ1221, 1BR2NITROBZ1254)

ISTD (CCV gc06_072523006)	Ch	CCV Abund	SAMPLE Abund	%Drift
1-bromo-2-nitrobenzene (PCB)	B	8843280	8766854	-0.86
1-bromo-2-nitrobenzene (PCB)	A	3794782	3307940	-12.83

NO INTERNAL STANDARD REFERENCE RUN FOUND FOR
CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV(internal standard: 1BR2NITROBZ1268, 1BR2NITROBZ1262, 1BR2NITROBZ1232, 1BR2NITROBZ1248, 1BR2NITROBZ1242, 1BR2NITROBZ1221, 1BR2NITROBZ1254)

ISTD (CCV gc06_072523006)	Ch	CCV RT	SAMPLE RT	Drift
1-bromo-2-nitrobenzene (PCB)	B	4.29	4.29	0.00
1-bromo-2-nitrobenzene (PCB)	A	4.09	4.08	-0.01

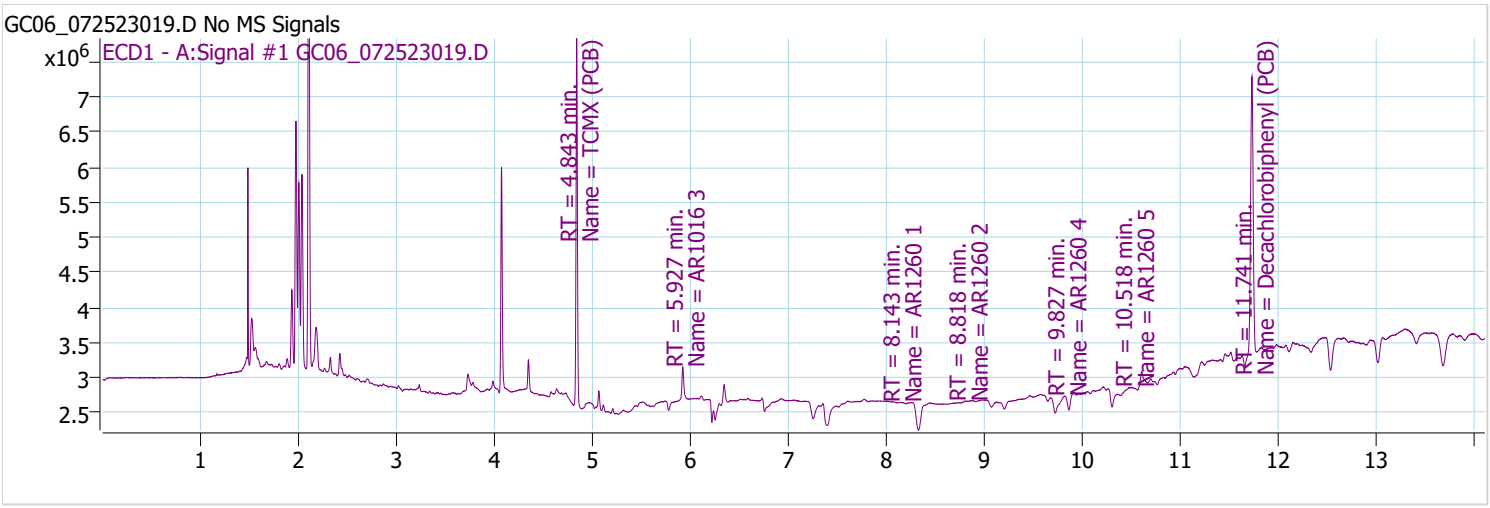
07/26/23 : WIPE/1DM^2.10ML

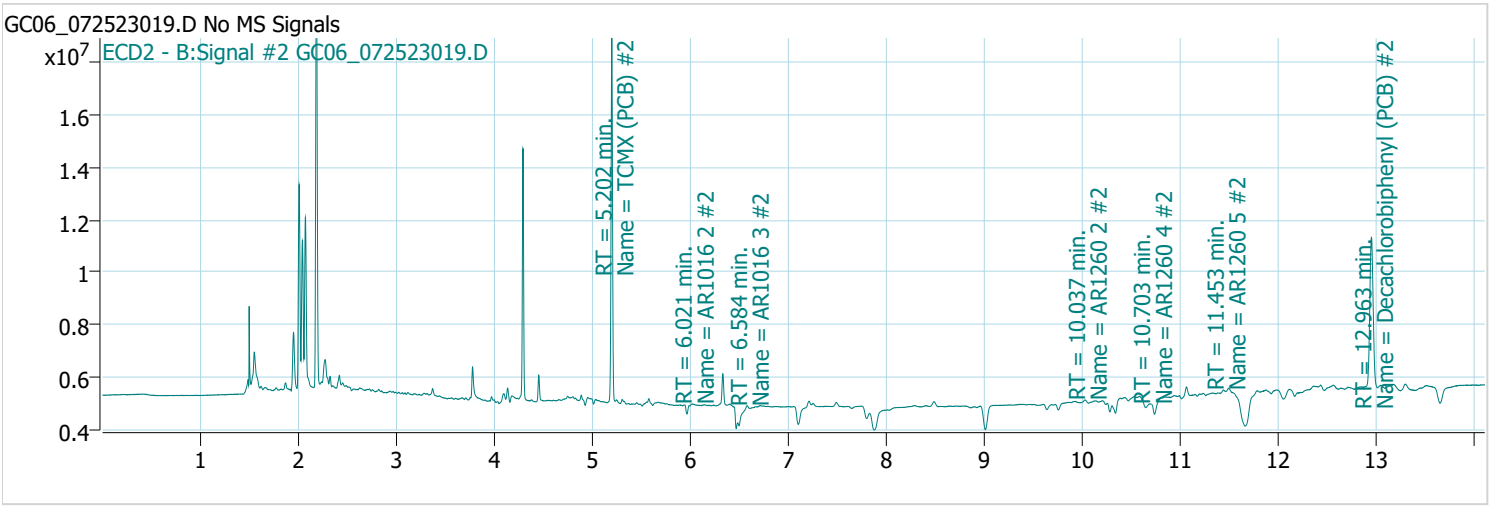
-=low bias c=CCV u=use x=false positive

Analyst: MES 07/26/23 **Reviewer:** MTS 07/27/23

Quantitation Results Report (Not Reviewed)

Data File	GC06_072523019.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	7/25/2023 7:38:26 PM
Sample Name	489010-004, 318888, 1	Instrument	SVOA-GC06
Vial	5	Multiplier	1.00
DA Method File	PCB_608_052323_GC06_36.m	Comment	WIPE/1DM^2.10ML
Tune File	ATUNE.U	Tune Date	
Batch Name	072523PCB.batch.bin	Last Calib Update	5/23/2023 1:46:10 PM
Ref Library			



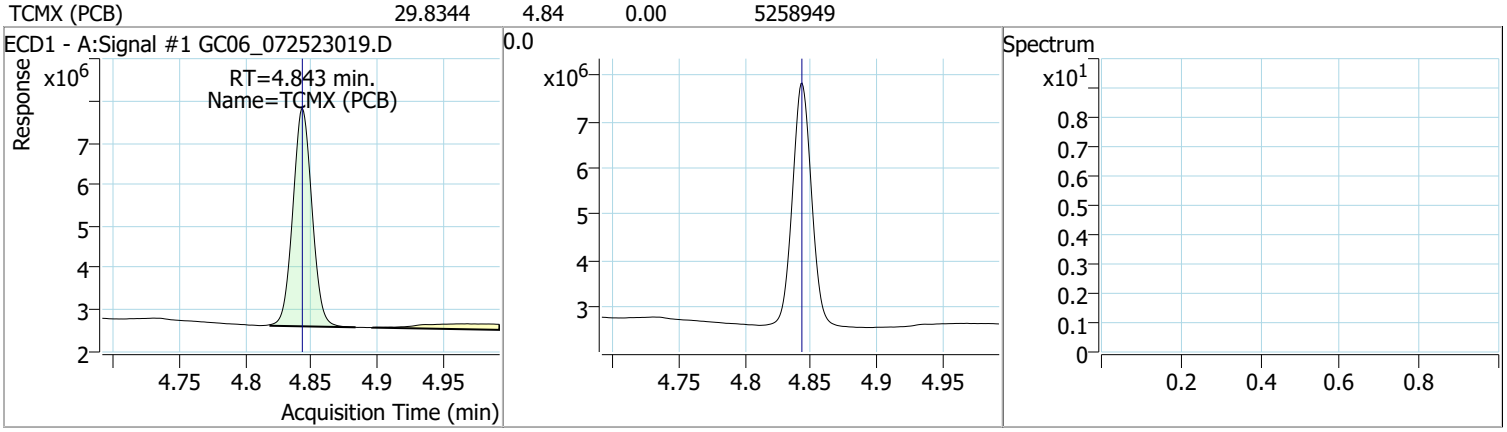


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1-bromo-2-nitrobenzene (PCB)	4.075	0.0	3307939.771	20.0000	ng/ml		-0.002
M 1-bromo-2-nitrobenzene (PCB) #2	4.294	0.0	8766853.883	20.0000	ng/ml		-0.001
System Monitoring Compounds							
S TCMX (PCB)	4.843	0.0	5258948.932	29.8344	ng/ml		-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 149.17%			
S TCMX (PCB) #2	5.202	0.0	15063022.174	32.3908	ng/ml		-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 161.95%		*	
S Decachlorobiphenyl (PCB)	11.741	0.0	7717873.490	34.9643	ng/ml		-0.004
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 174.82%		*	
S Decachlorobiphenyl (PCB) #2	12.963	0.0	14118500.850	30.4956	ng/ml		-0.004
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 152.48%		*	
Target Compounds							QValue

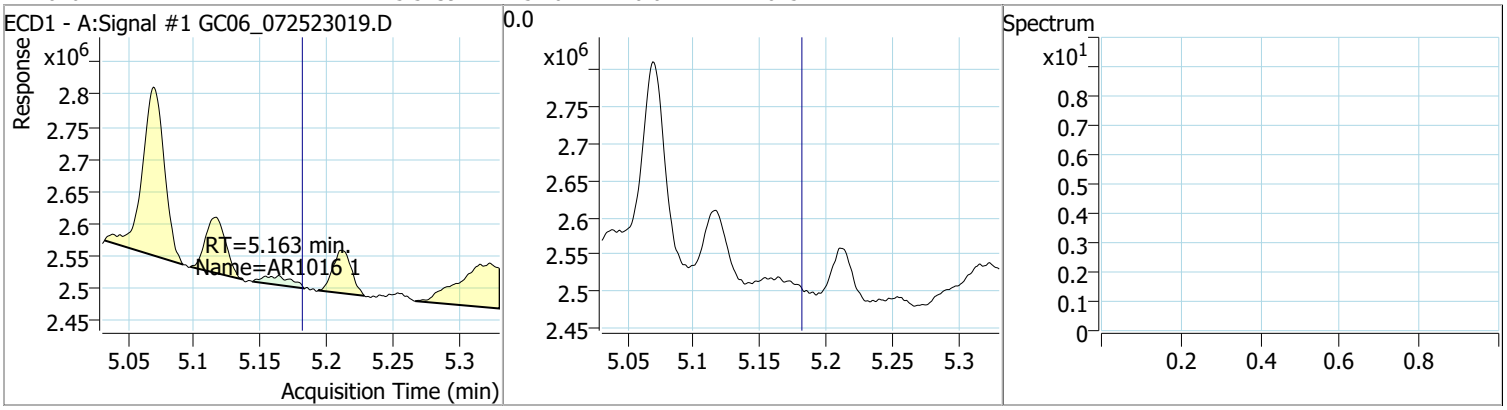
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T AR1016 1	5.163	0.0	20454.476	5.5439	ng/ml	100
T AR1016 2	5.513	0.0	723244.830	96.5552	ng/ml	100
T AR1016 1 #2	5.677	0.0	725762.509	79.4792	ng/ml	100
T AR1016 3	5.927	0.0	767291.410	80.1435	ng/ml	100
T AR1016 2 #2	6.021	0.0	2491497.394	121.4626	ng/ml	100
T AR1016 4	6.116	0.0	2313828.811	400.9696	ng/ml	100
T AR1016 5	6.240	0.0	158404.225	35.8919	ng/ml	100
T AR1016 3 #2	6.584	0.0	2461328.344	99.7196	ng/ml	100
T AR1016 4 #2	6.792	0.0	68693.052	3.8668	ng/ml	100
T AR1016 5 #2	6.869	0.0	55800.789	5.8886	ng/ml	100
T AR1260 1	8.143	0.0	1874812.731	171.3873	ng/ml	100
T AR1260 2	8.818	0.0	48011.908	2.8750	ng/ml	100
T AR1260 3	9.163	0.0	63745.799	3.5724	ng/ml	100
T AR1260 1 #2	9.613	0.0	532952.086	21.5559	ng/ml	100
T AR1260 4	9.827	0.0	1007045.628	103.5876	ng/ml	100
T AR1260 2 #2	10.037	0.0	2242387.693	80.4411	ng/ml	100
T AR1260 3 #2	10.312	0.0	451923.302	12.6685	ng/ml	100
T AR1260 5	10.518	0.0	347409.860	22.6006	ng/ml	100
T AR1260 4 #2	10.703	0.0	521413.346	25.0241	ng/ml	100
T AR1260 5 #2	11.453	0.0	215449.542	7.1338	ng/ml	100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

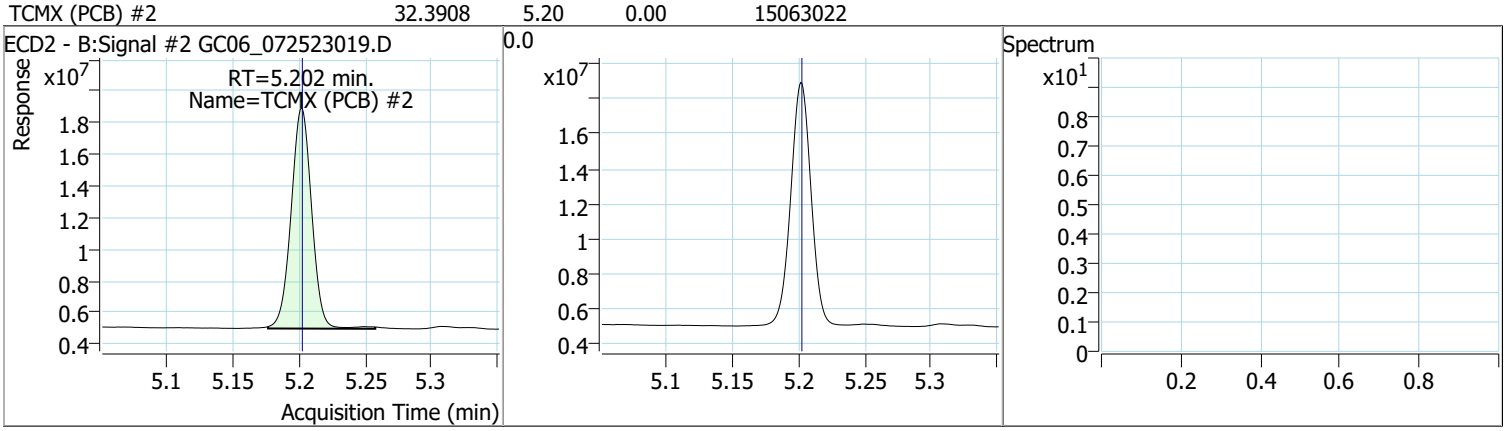
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	29.8344	4.84	0.00	5258949				



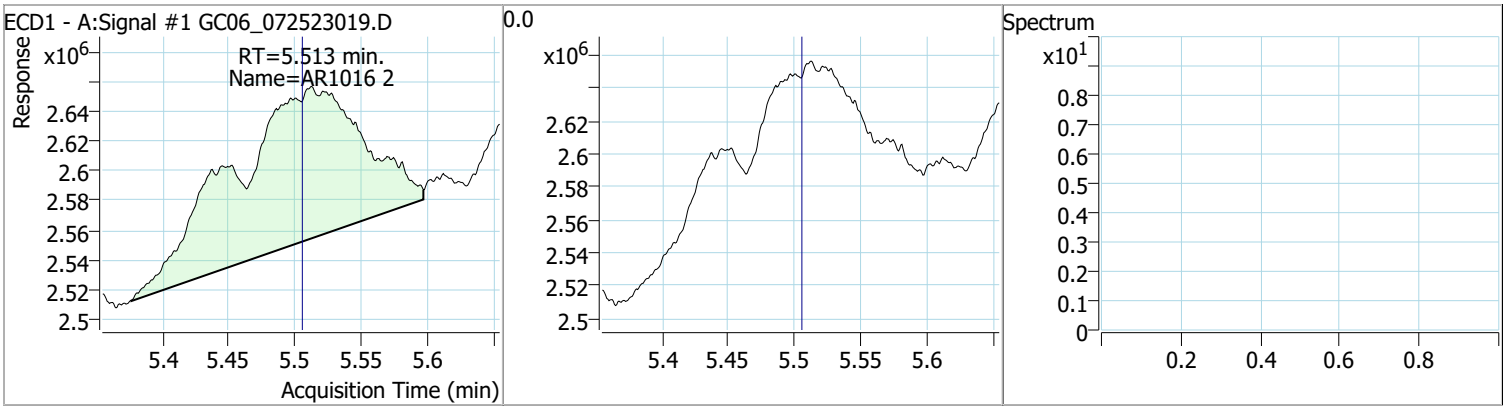
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	5.5439	5.16	-0.02	20454				



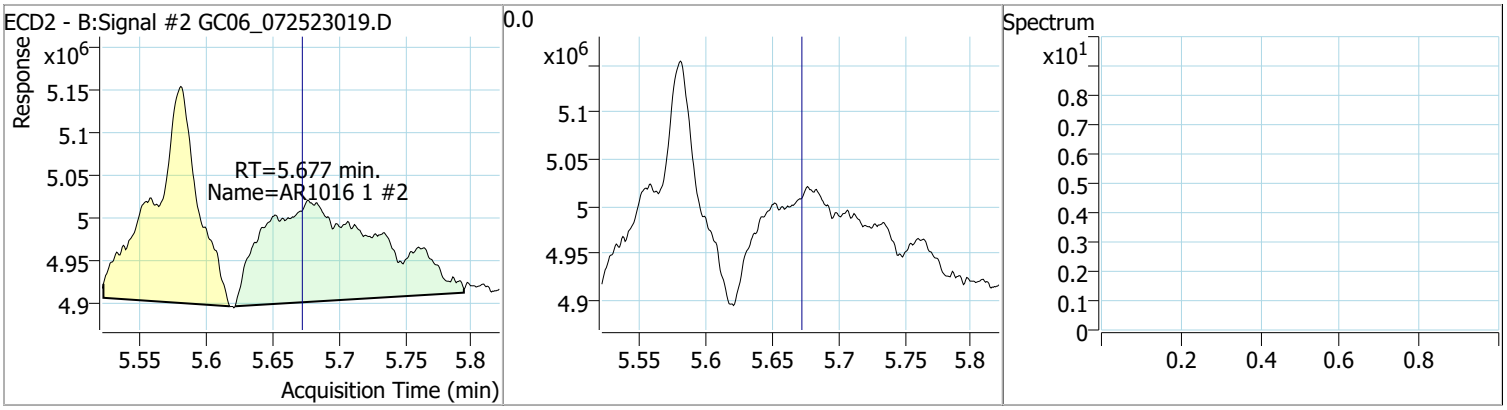
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB) #2	32.3908	5.20	0.00	15063022				



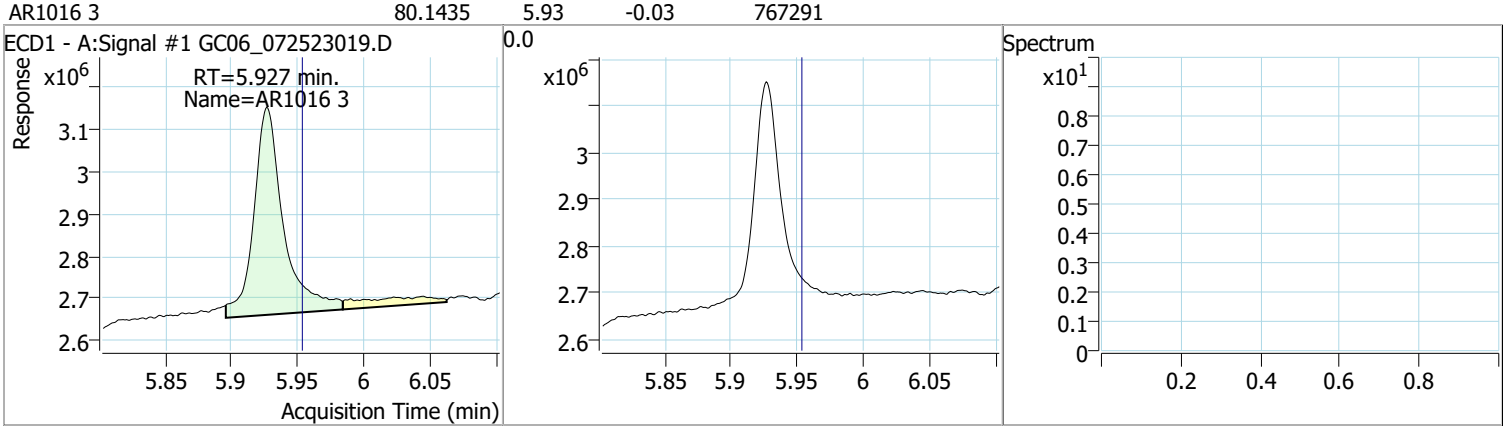
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	96.5552	5.51	0.01	723245				



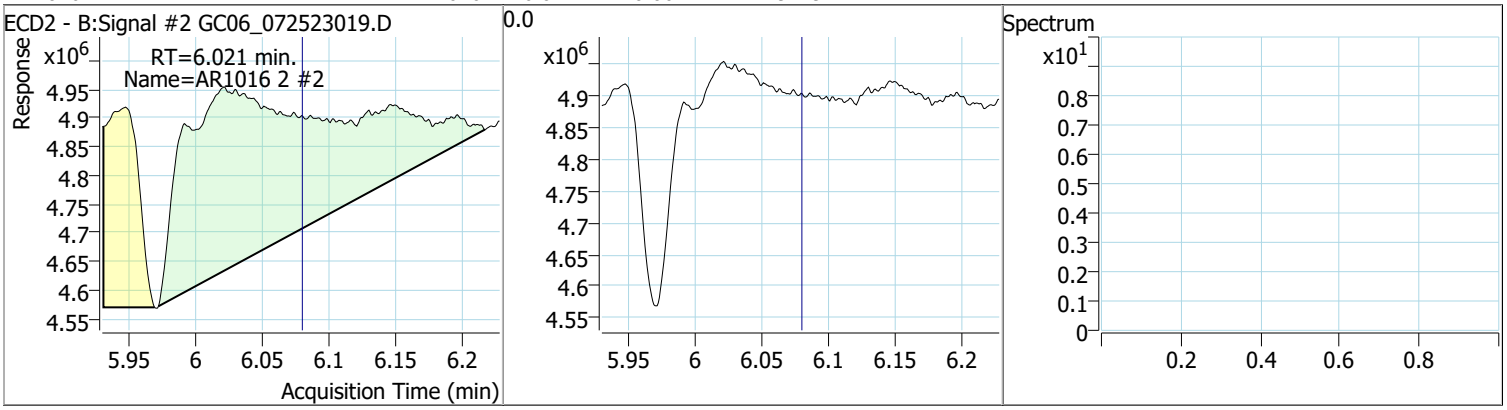
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1 #2	79.4792	5.68	0.00	725763				



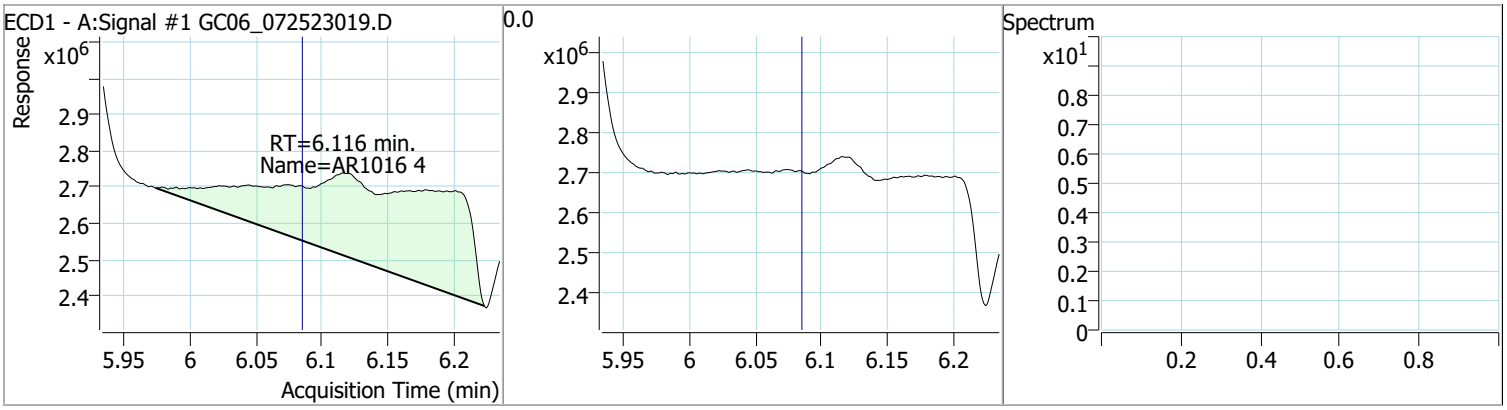
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	80.1435	5.93	-0.03	767291				



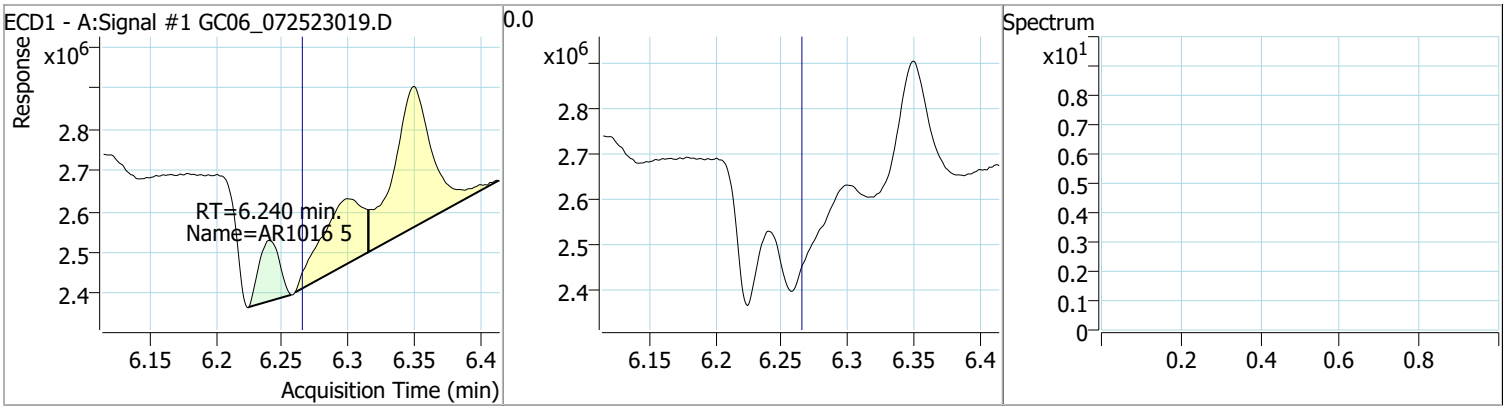
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	121.4626	6.02	-0.06	2491497				



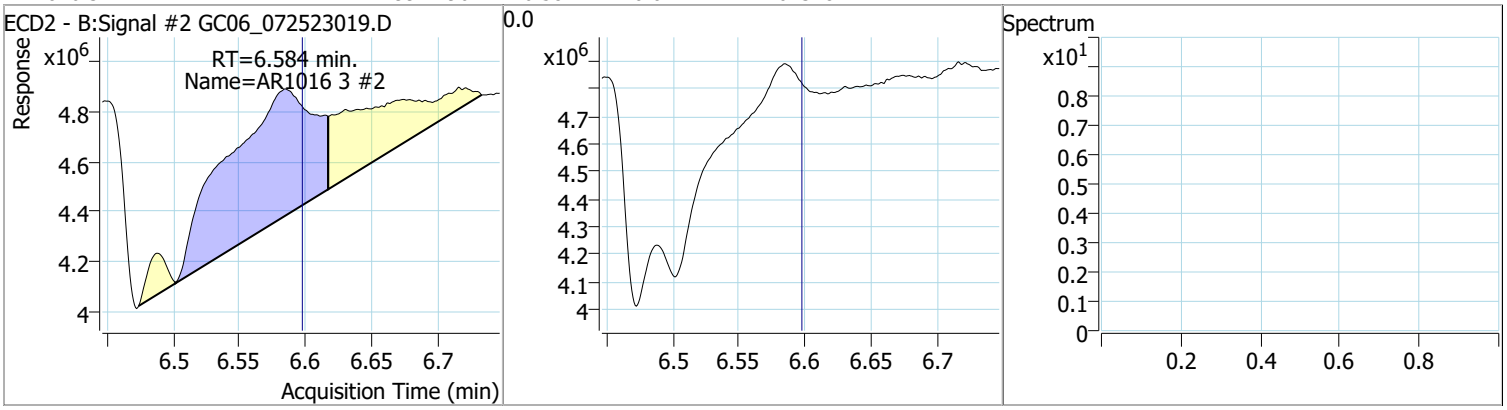
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4	400.9696	6.12	0.03	2313829				



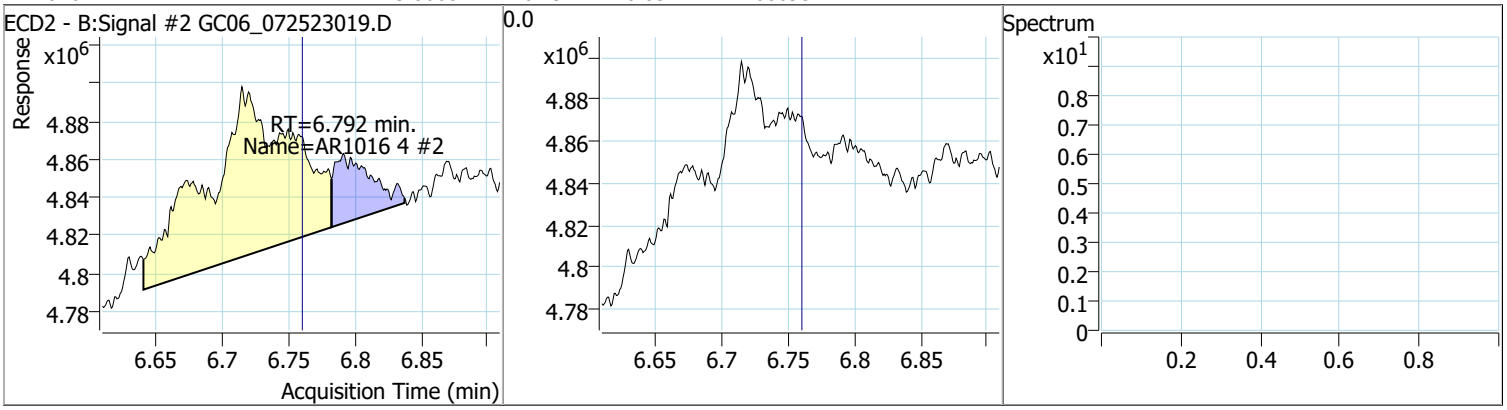
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	35.8919	6.24	-0.03	158404				



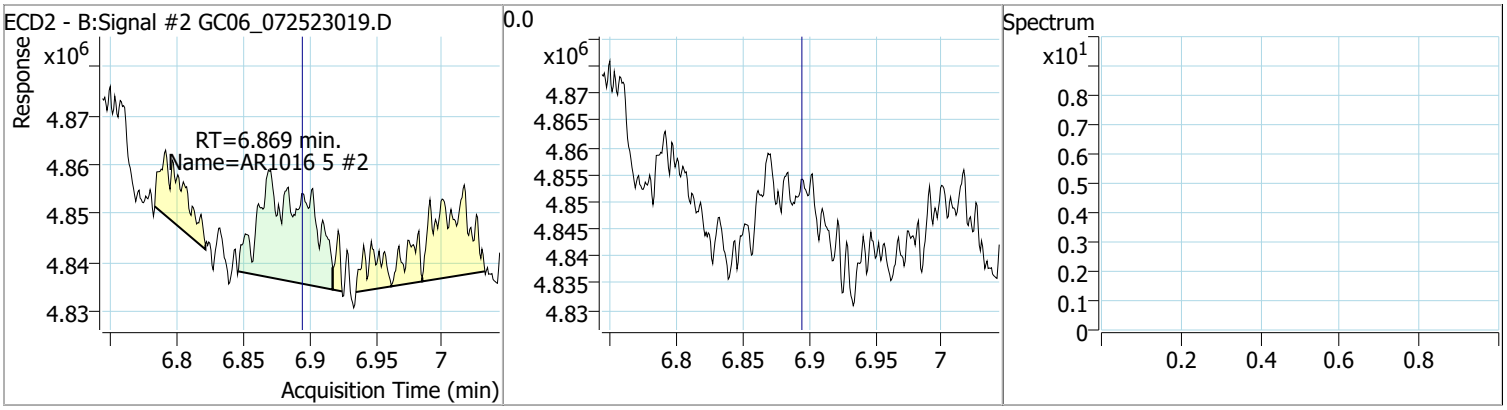
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	99.7196	6.58	-0.01	2461328				



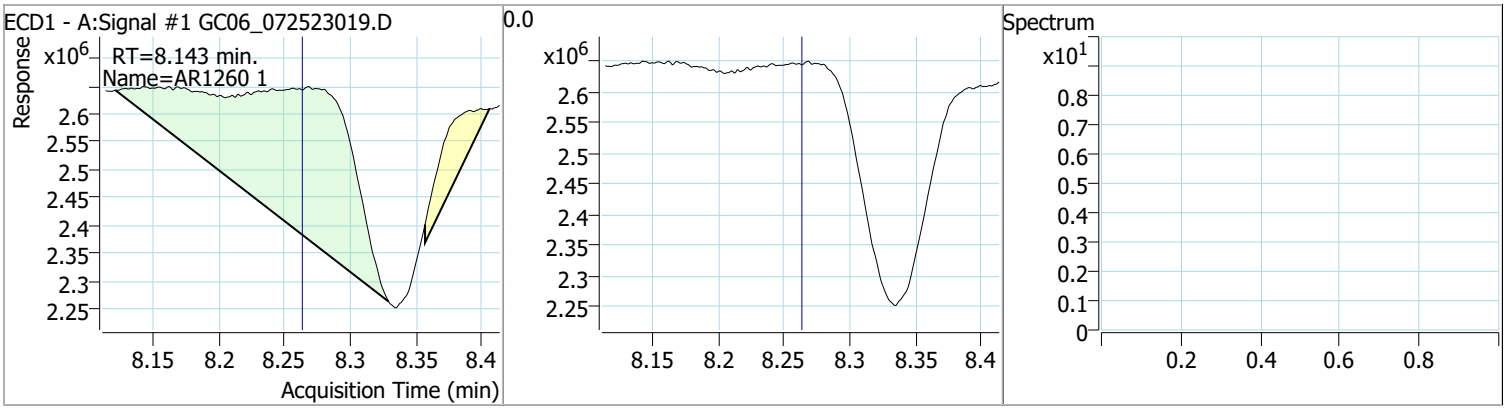
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4 #2	3.8668	6.79	0.03	68693				



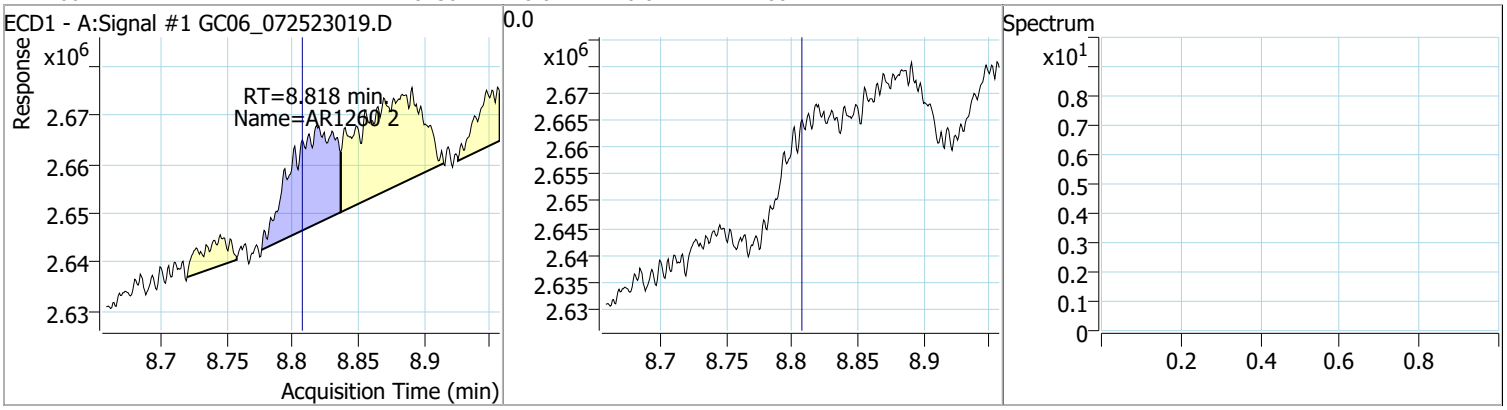
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	5.8886	6.87	-0.03	55801				



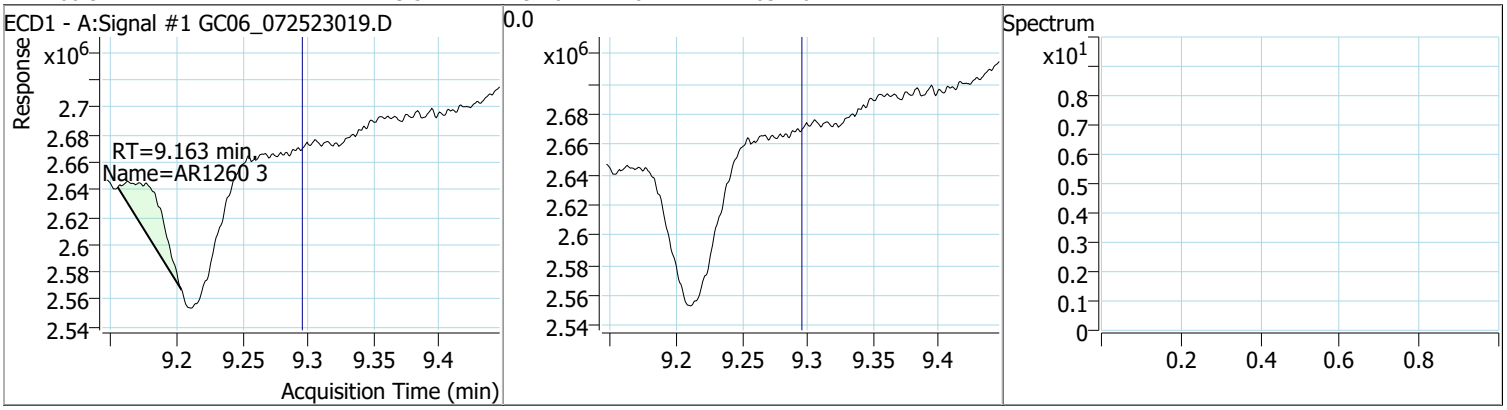
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	171.3873	8.14	-0.12	1874813				



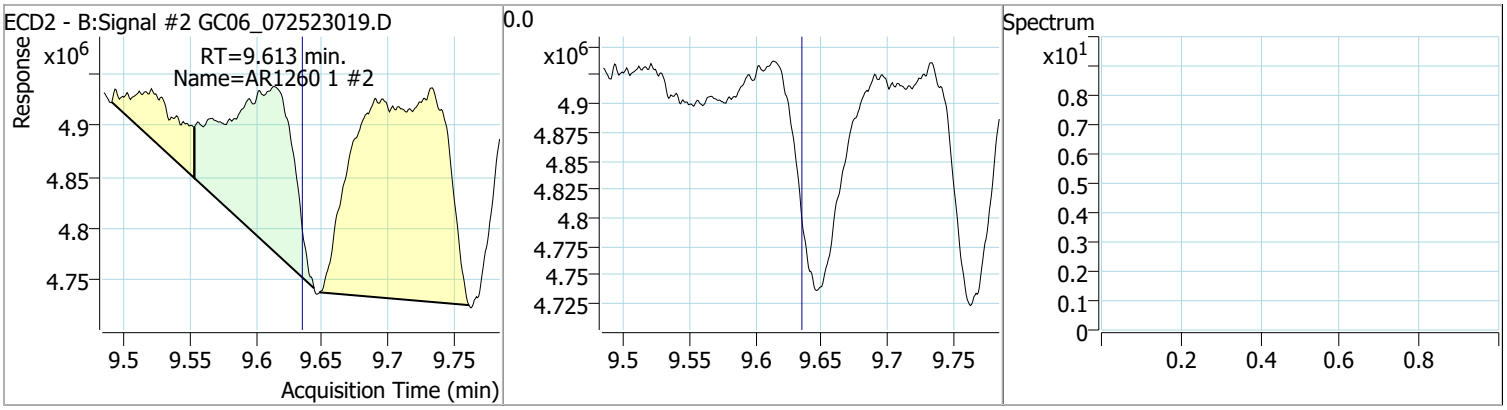
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	2.8750	8.82	0.01	48012				



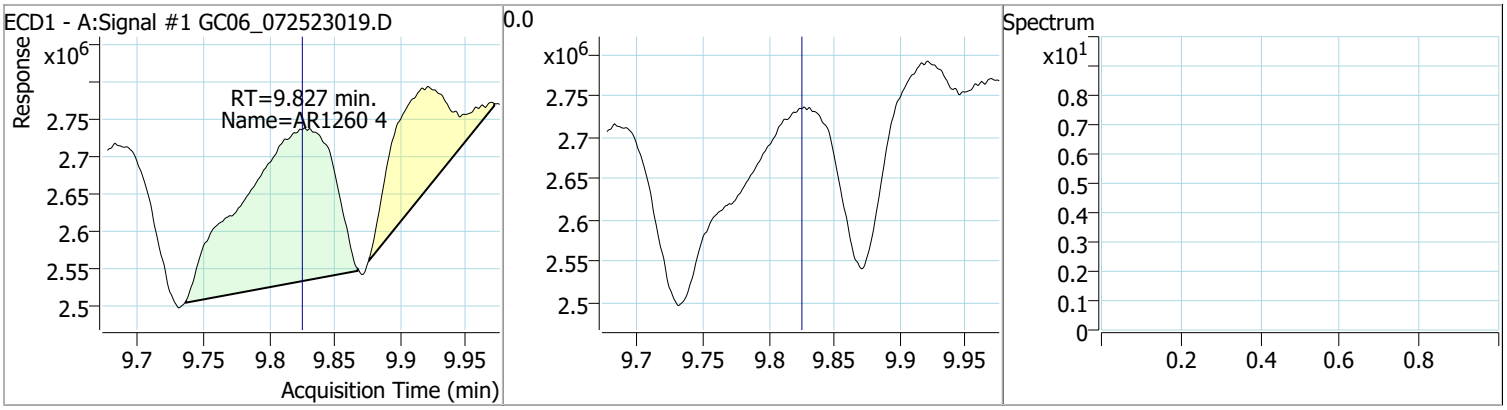
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3	3.5724	9.16	-0.14	63746				



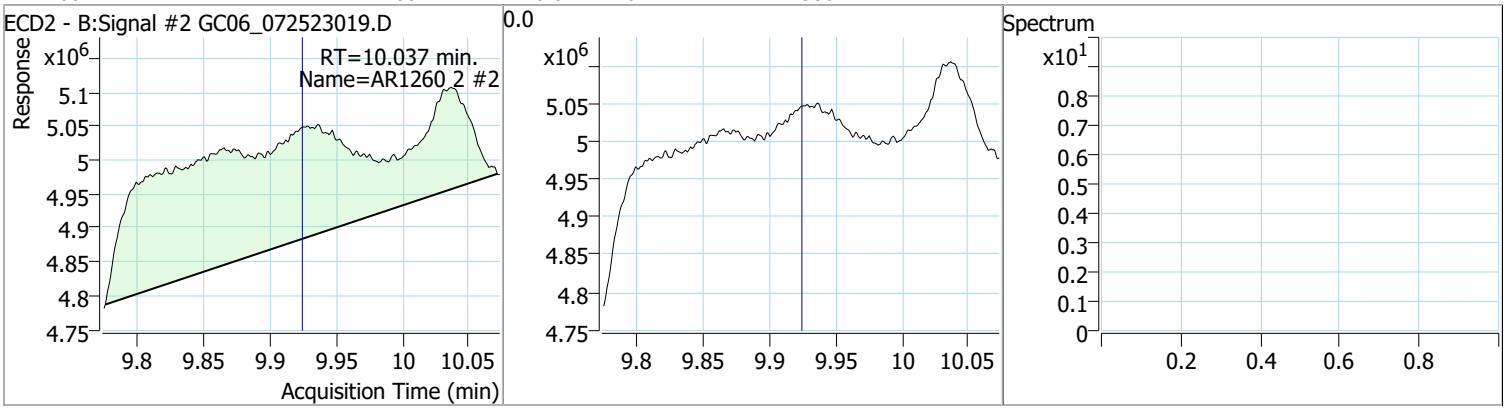
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1 #2	21.5559	9.61	-0.02	532952				



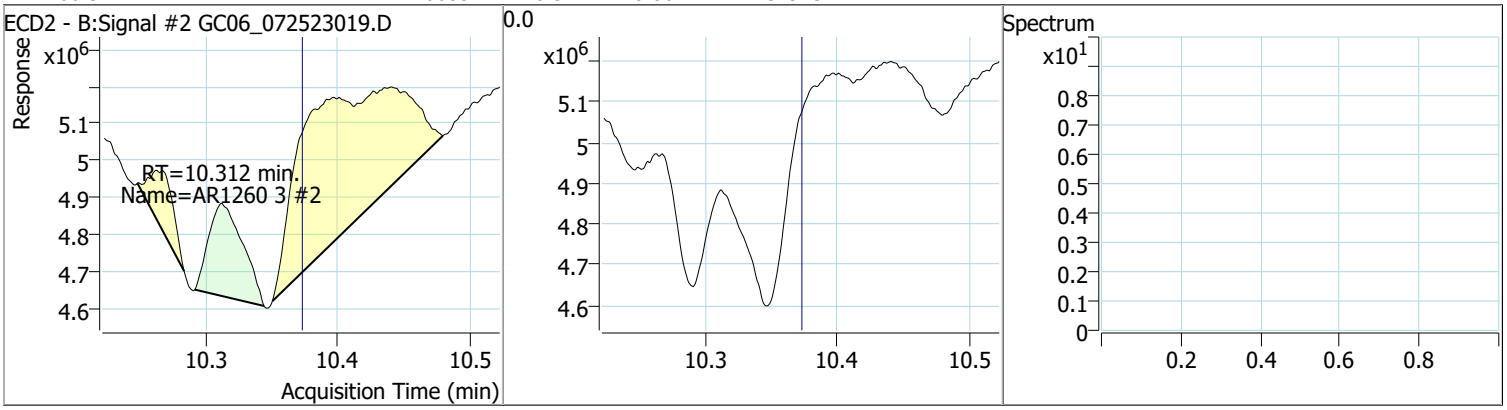
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4	103.5876	9.83	0.00	1007046				



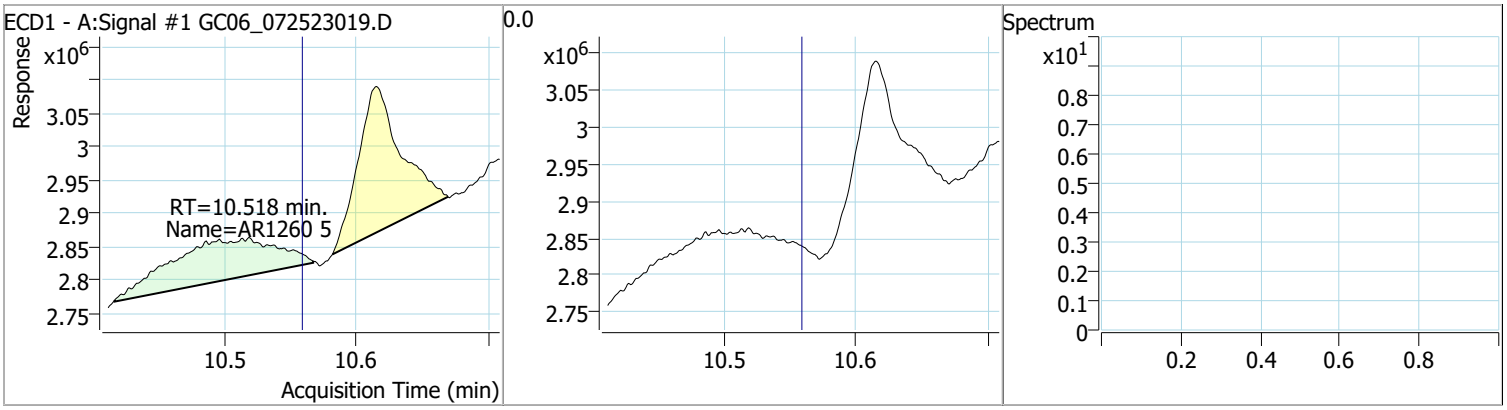
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	80.4411	10.04	0.11	2242388				



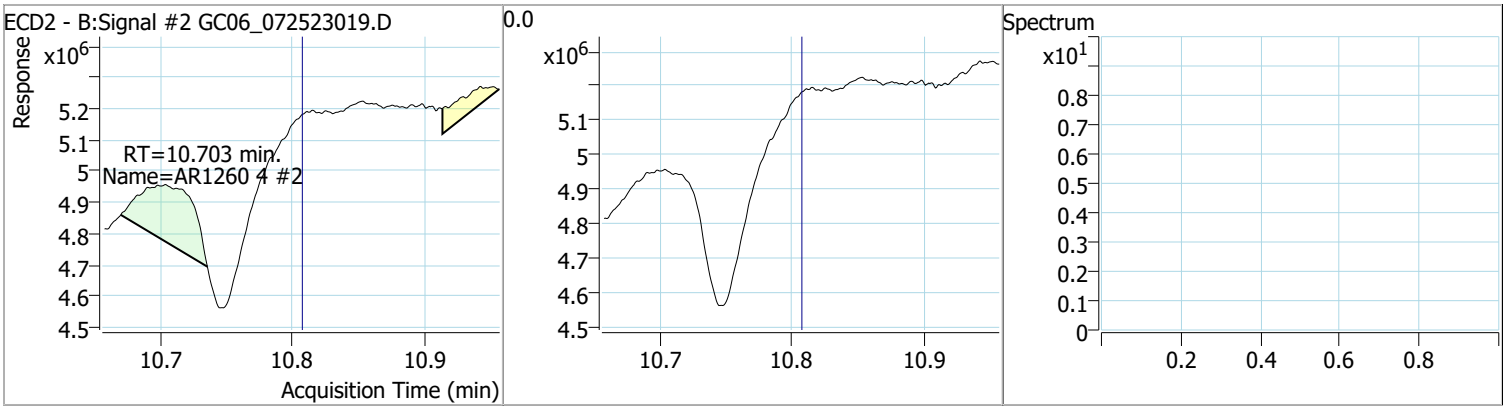
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3 #2	12.6685	10.31	-0.06	451923				



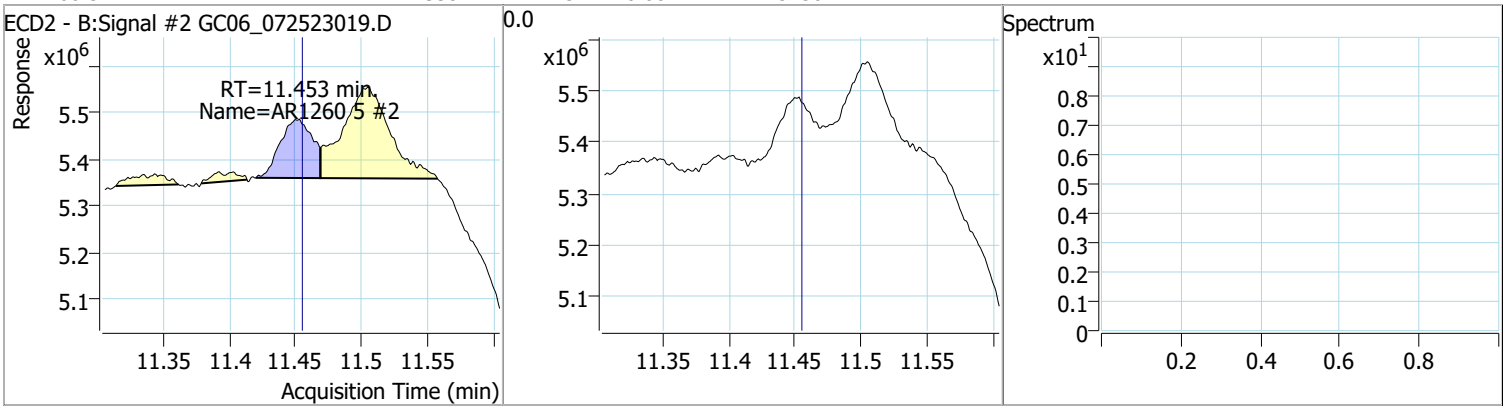
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	22.6006	10.52	-0.04	347410				



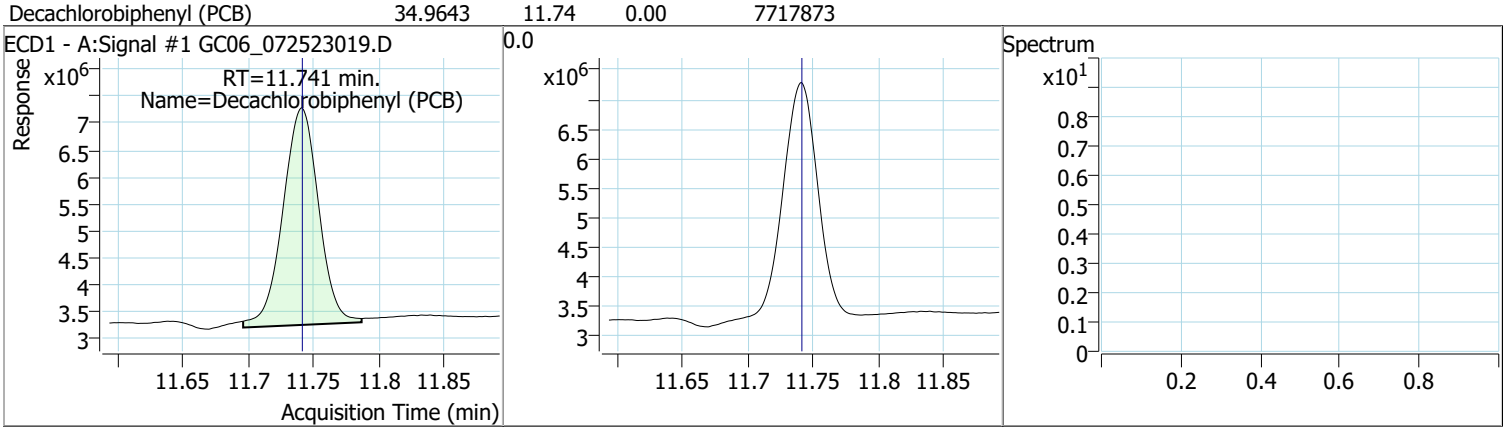
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	25.0241	10.70	-0.10	521413				



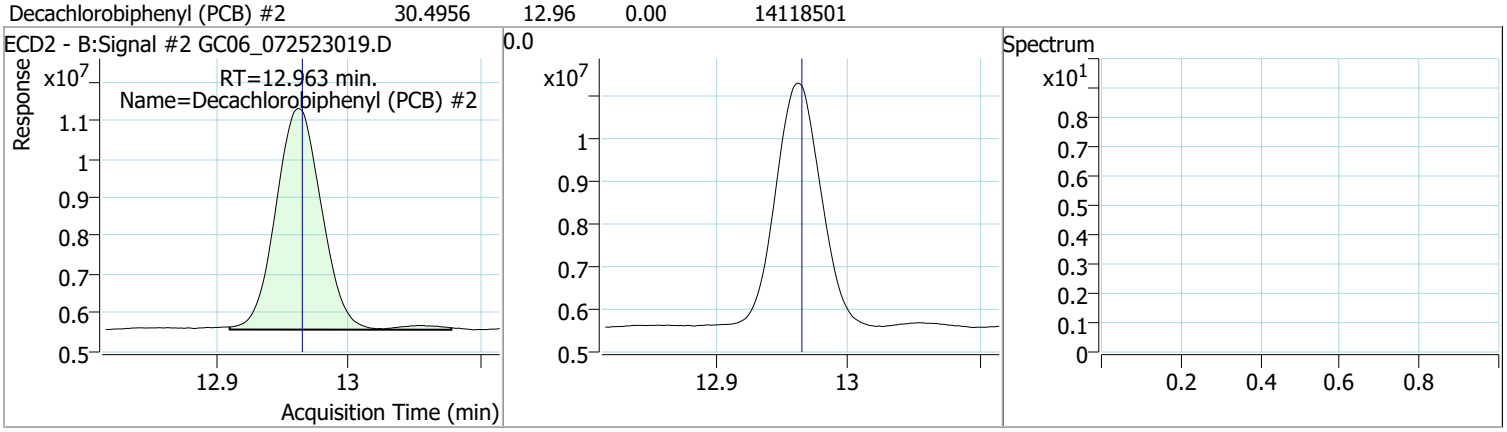
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	7.1338	11.45	0.00	215450				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	34.9643	11.74	0.00	7717873				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	30.4956	12.96	0.00	14118501				



ENTHALPY SAMPLE USER REPORT FOR EPA 8082

Inst:	SVOA-GC06	Lab ID:	489010-005	Client ID:	AFRAME-C6W-LAT-L3-UP-C6.7-DG-230724-P-DUP-LA
Seqnum:	453297295020	Matrix:	Wipe	Acct:	RINCON-BERK (JG)
File:	gc06_072523020	Batch:	318888	Time:	25-JUL-2023 19:56
Cal:	453205686001	Caldate:	22-MAY-2023		
IDF:	1.0	Raw Units:	ug/L	Units:	ug/dm2

- 1.00 dm2 ⇨ 10.0 ml = 10.0 ml/dm2 PDF

Analyte	Ch	Raw	Result	Conf	RPD	RL	Blank	Flags
Aroclor-1016	B	42.03	ND	1.3	99%	0.50		u
Aroclor-1016 Peak # 1	B	63.27	0.63	0.20	105%			
Aroclor-1016 Peak # 2	B	115.8	1.16	1.02	12%			
Aroclor-1016 Peak # 3	B	5.607	0.06	0.62	167%			
Aroclor-1016 Peak # 4	B	22.35	0.22	4.09	179%			
Aroclor-1016 Peak # 5	B	3.068	0.03	0.33	166%			
Aroclor-1221	B		ND			0.50		u
Aroclor-1232	B		ND			0.50		u
Aroclor-1242	B		ND			0.50		u
Aroclor-1248	B		ND			0.50		u
Aroclor-1254	B		ND			0.50		u
Aroclor-1260	B	36.66	ND	0.58	45%	0.50		u
Aroclor-1260 Peak # 1	B	26.49	0.26	1.60	143%			
Aroclor-1260 Peak # 2	B	49.55	0.50	0.05	167%			
Aroclor-1260 Peak # 3	B	46.53	0.47	0.02	180%			
Aroclor-1260 Peak # 4	B	57.18	0.57	1.01	56%			
Aroclor-1260 Peak # 5	B	3.545	0.04	0.21	142%			
Aroclor-1262	B		ND			0.50		u
Aroclor-1268	B		ND			0.50		u

Surrogate	Ch	Raw	Spiked	Result	%Rec	Limits	Flags
TCMX (PCB)	B	30.35	0.5000	0.3035	61	19-121	c- u
Decachlorobiphenyl (PCB)	B	27.97	0.5000	0.2797	56	19-121	u

NO INTERNAL STANDARD REFERENCE RUN FOUND FOR CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV(internal standard: 1BR2NITROBZ1268, 1BR2NITROBZ1262, 1BR2NITROBZ1232, 1BR2NITROBZ1248, 1BR2NITROBZ1242, 1BR2NITROBZ1221, 1BR2NITROBZ1254)

ISTD (CCV gc06_072523006)	Ch	CCV Abund	SAMPLE Abund	%Drift
1-bromo-2-nitrobenzene (PCB)	B	8843280	9101912	2.92
1-bromo-2-nitrobenzene (PCB)	A	3794782	3313199	-12.69

NO INTERNAL STANDARD REFERENCE RUN FOUND FOR CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV(internal standard: 1BR2NITROBZ1268, 1BR2NITROBZ1262, 1BR2NITROBZ1232, 1BR2NITROBZ1248, 1BR2NITROBZ1242, 1BR2NITROBZ1221, 1BR2NITROBZ1254)

ISTD (CCV gc06_072523006)	Ch	CCV RT	SAMPLE RT	Drift
1-bromo-2-nitrobenzene (PCB)	B	4.29	4.29	0.00
1-bromo-2-nitrobenzene (PCB)	A	4.09	4.08	-0.01

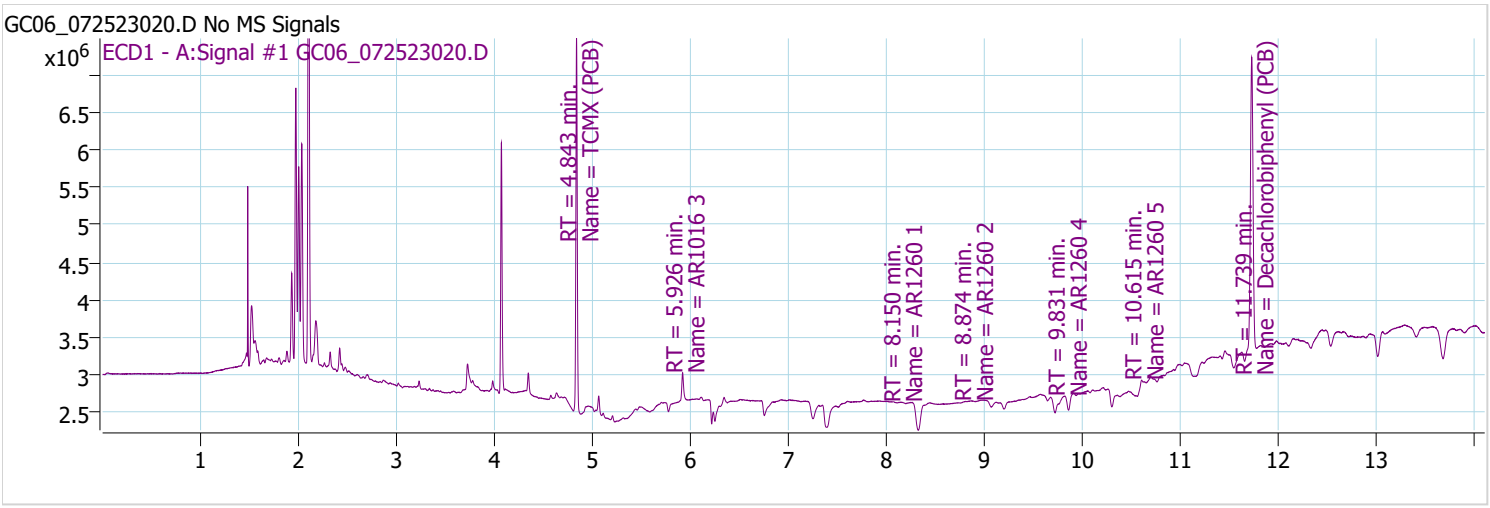
07/26/23 : WIPE/1DM^2.10ML

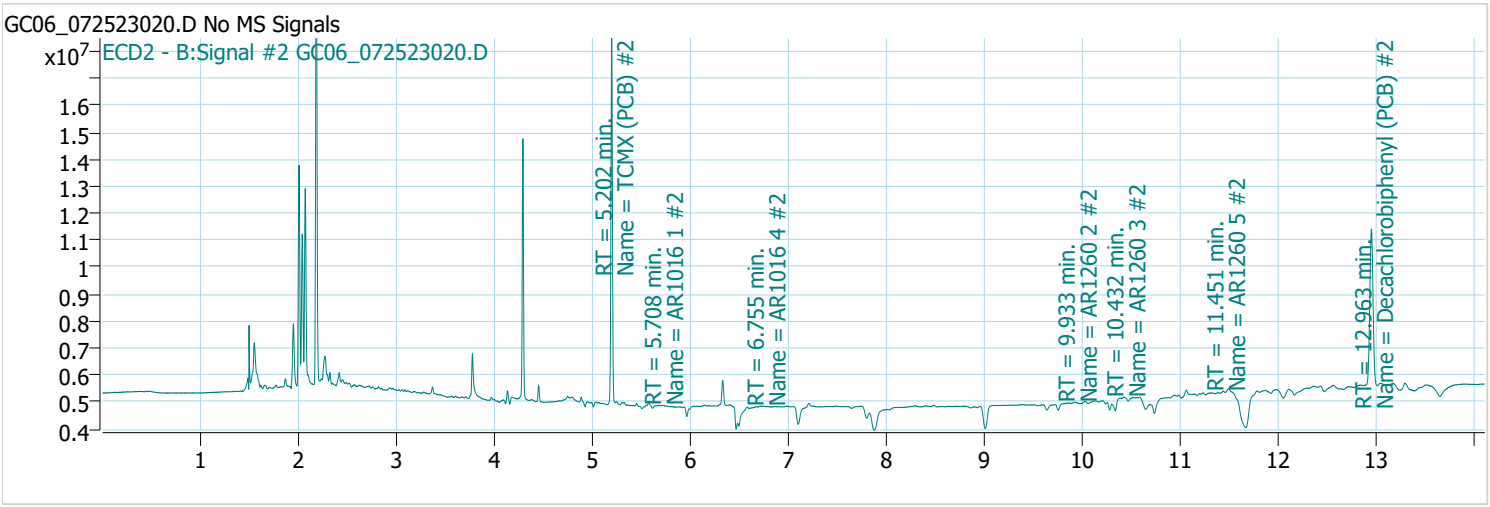
-=low bias c=CCV u=use

Analyst: MES 07/26/23 **Reviewer:** MTS 07/27/23

Quantitation Results Report (Not Reviewed)

Data File	GC06_072523020.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	7/25/2023 7:56:36 PM
Sample Name	489010-005, 318888, 1	Instrument	SVOA-GC06
Vial	6	Multiplier	1.00
DA Method File	PCB_608_052323_GC06_36.m	Comment	WIPE/1DM^2.10ML
Tune File	ATUNE.U	Tune Date	
Batch Name	072523PCB.batch.bin	Last Calib Update	5/23/2023 1:46:10 PM
Ref Library			



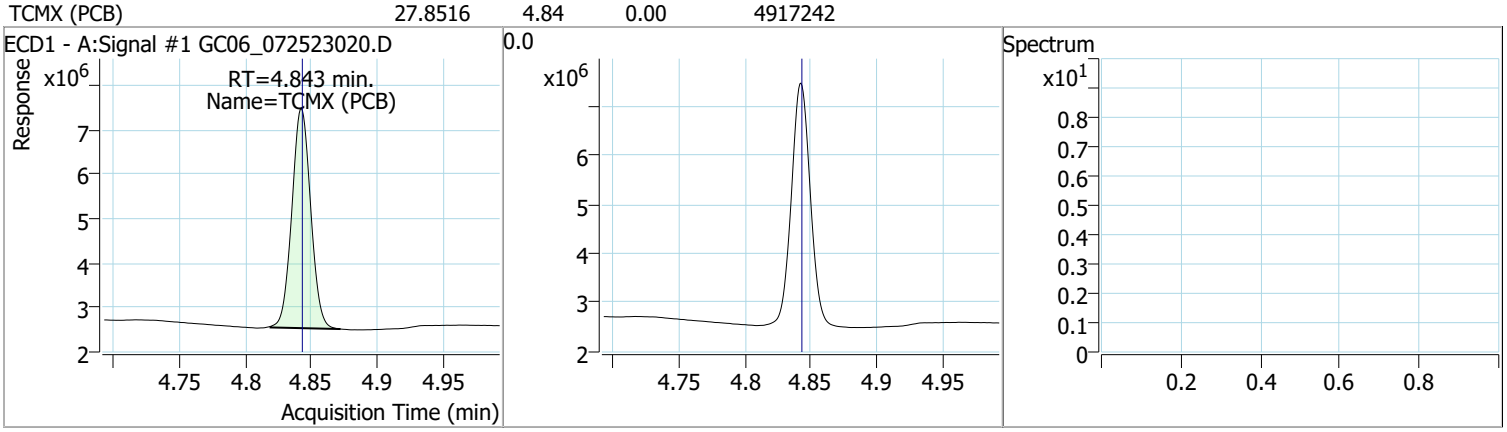


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1-bromo-2-nitrobenzene (PCB)	4.075	0.0	3313199.044	20.0000	ng/ml		-0.002
M 1-bromo-2-nitrobenzene (PCB) #2	4.294	0.0	9101912.159	20.0000	ng/ml		-0.001
System Monitoring Compounds							
S TCMX (PCB)	4.843	0.0	4917241.961	27.8516	ng/ml		-0.002
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 139.26%			
S TCMX (PCB) #2	5.202	0.0	14652304.013	30.3477	ng/ml		-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 151.74%		*	
S Decachlorobiphenyl (PCB)	11.739	0.0	7852981.388	35.5199	ng/ml		-0.006
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 177.60%		*	
S Decachlorobiphenyl (PCB) #2	12.963	0.0	13443492.654	27.9687	ng/ml		-0.004
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 139.84%			
Target Compounds							QValue

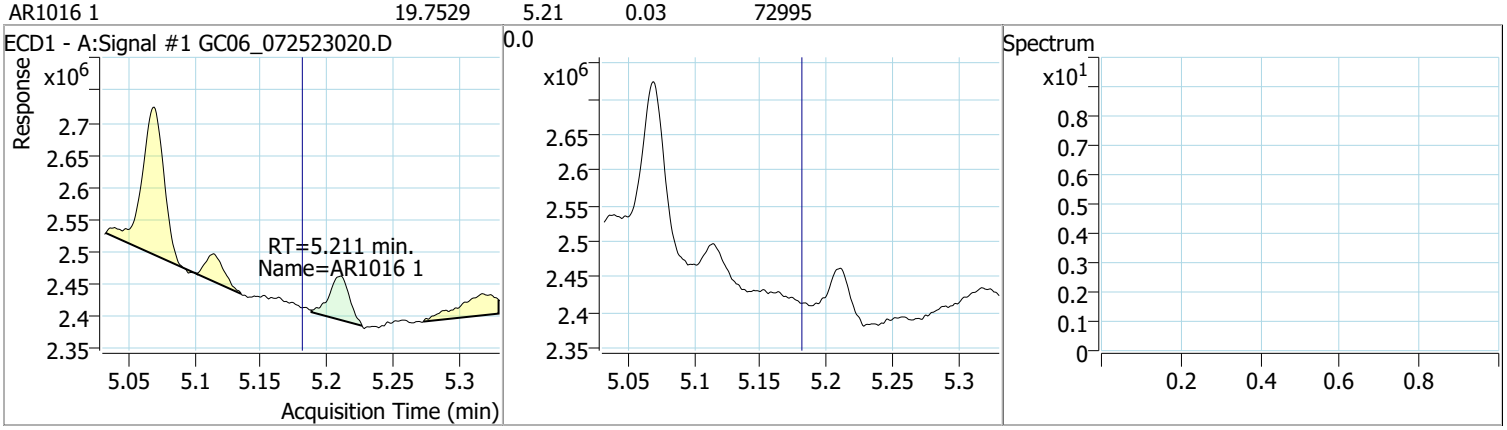
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T AR1016 1	5.211	0.0	72994.975	19.7529	ng/ml	100
T AR1016 2	5.490	0.0	767453.207	102.2945	ng/ml	100
T AR1016 1 #2	5.708	0.0	599827.740	63.2698	ng/ml	100
T AR1016 3	5.926	0.0	593147.732	61.8558	ng/ml	100
T AR1016 2 #2	6.153	0.0	2467208.928	115.8508	ng/ml	100
T AR1016 4	6.115	0.0	2361077.802	408.5080	ng/ml	100
T AR1016 5	6.240	0.0	146605.143	33.1657	ng/ml	100
T AR1016 3 #2	6.488	0.0	143685.093	5.6070	ng/ml	100
T AR1016 4 #2	6.755	0.0	412235.428	22.3506	ng/ml	100
T AR1016 5 #2	6.898	0.0	30187.445	3.0684	ng/ml	100
T AR1260 1	8.150	0.0	1750697.134	159.7871	ng/ml	100
T AR1260 2	8.874	0.0	75632.757	4.5218	ng/ml	100
T AR1260 3	9.173	0.0	44244.127	2.4756	ng/ml	100
T AR1260 1 #2	9.610	0.0	679951.430	26.4891	ng/ml	100
T AR1260 4	9.831	0.0	984665.525	101.1248	ng/ml	100
T AR1260 2 #2	9.933	0.0	1434114.442	49.5521	ng/ml	100
T AR1260 3 #2	10.432	0.0	1723217.180	46.5276	ng/ml	100
T AR1260 5	10.615	0.0	319745.140	20.7678	ng/ml	100
T AR1260 4 #2	10.699	0.0	1237006.042	57.1820	ng/ml	100
T AR1260 5 #2	11.451	0.0	111157.586	3.5451	ng/ml	100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

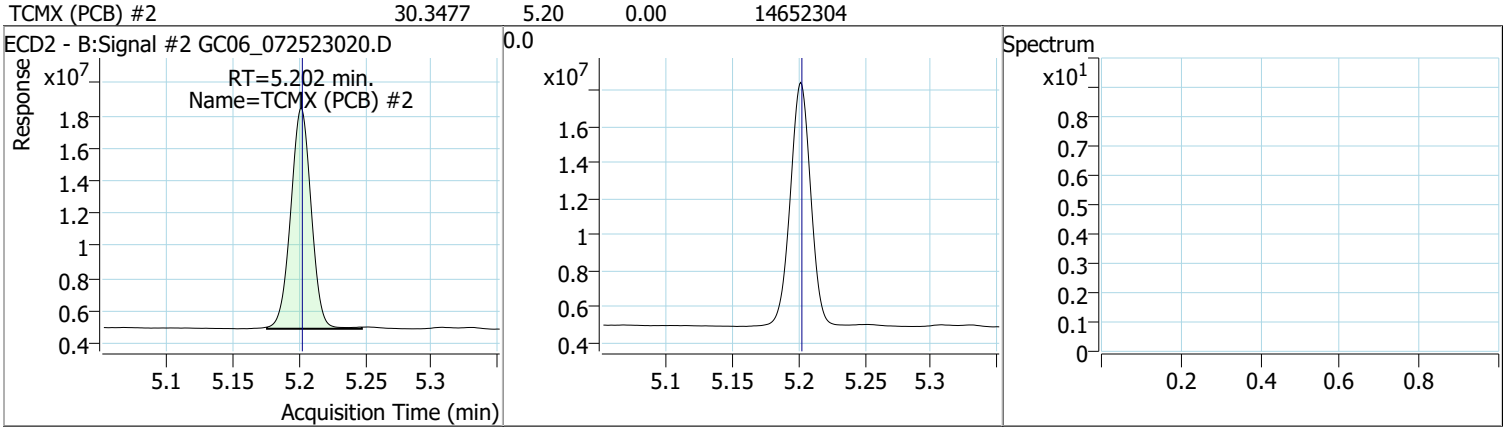
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	27.8516	4.84	0.00	4917242				



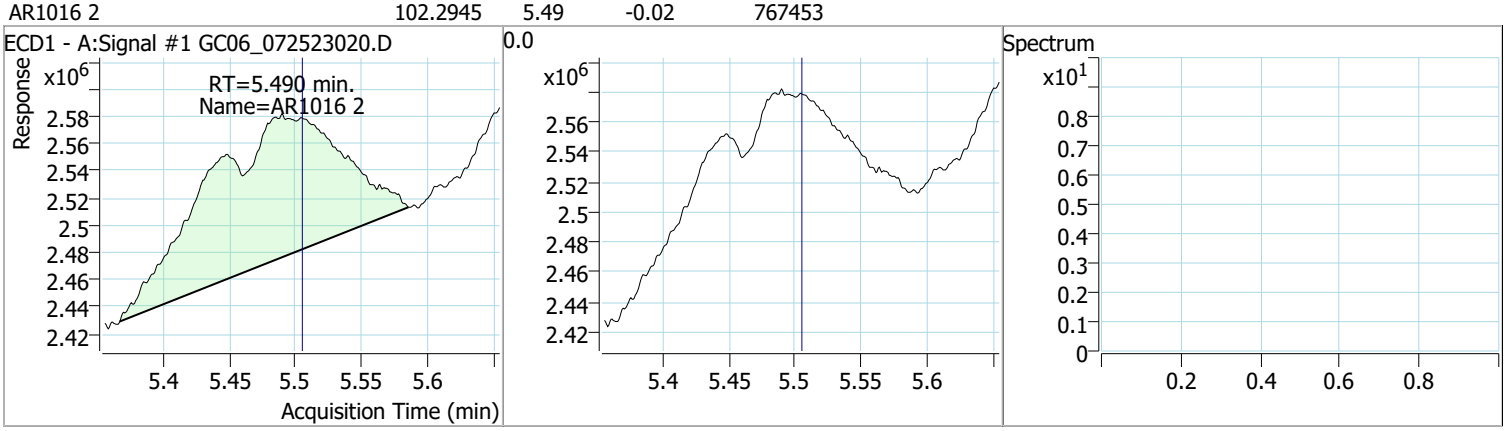
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	19.7529	5.21	0.03	72995				



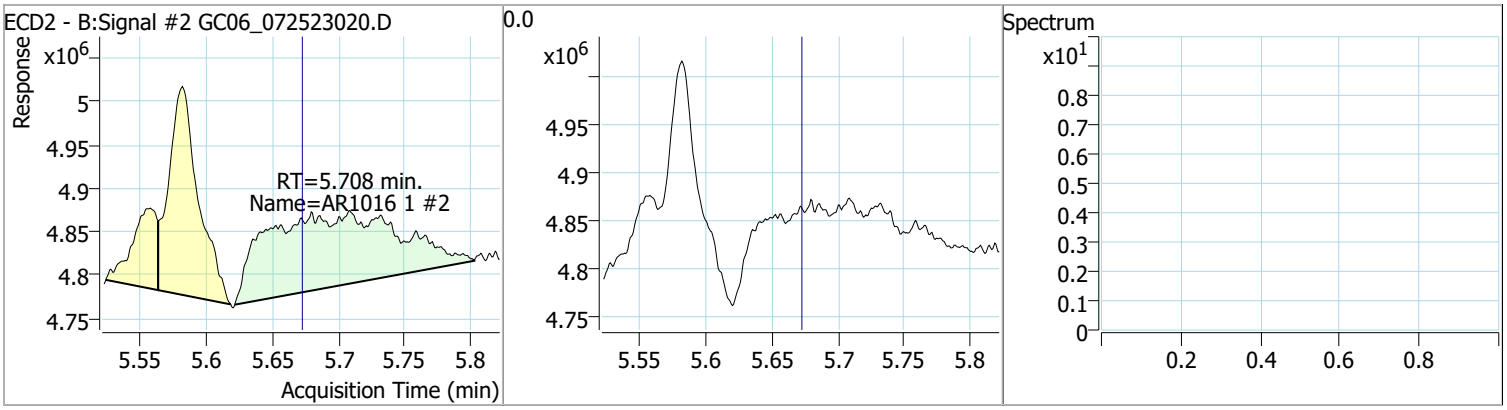
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB) #2	30.3477	5.20	0.00	14652304				



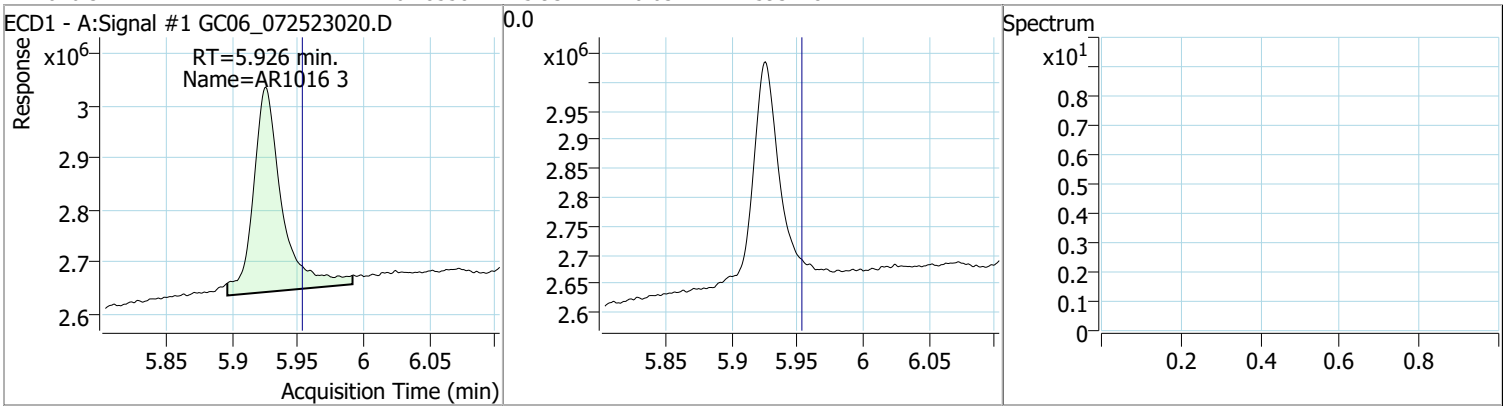
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	102.2945	5.49	-0.02	767453				



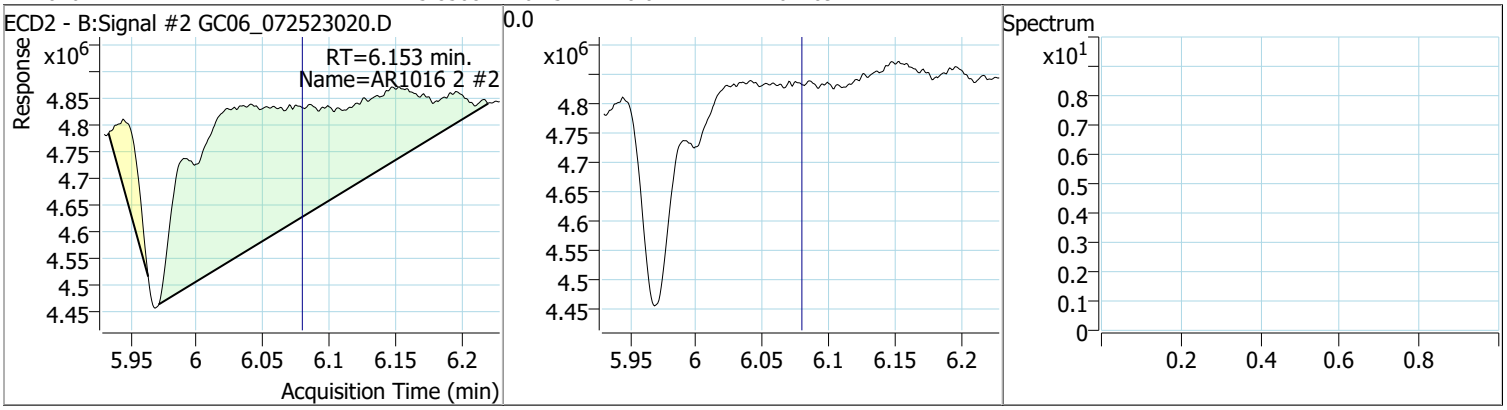
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1 #2	63.2698	5.71	0.04	599828				



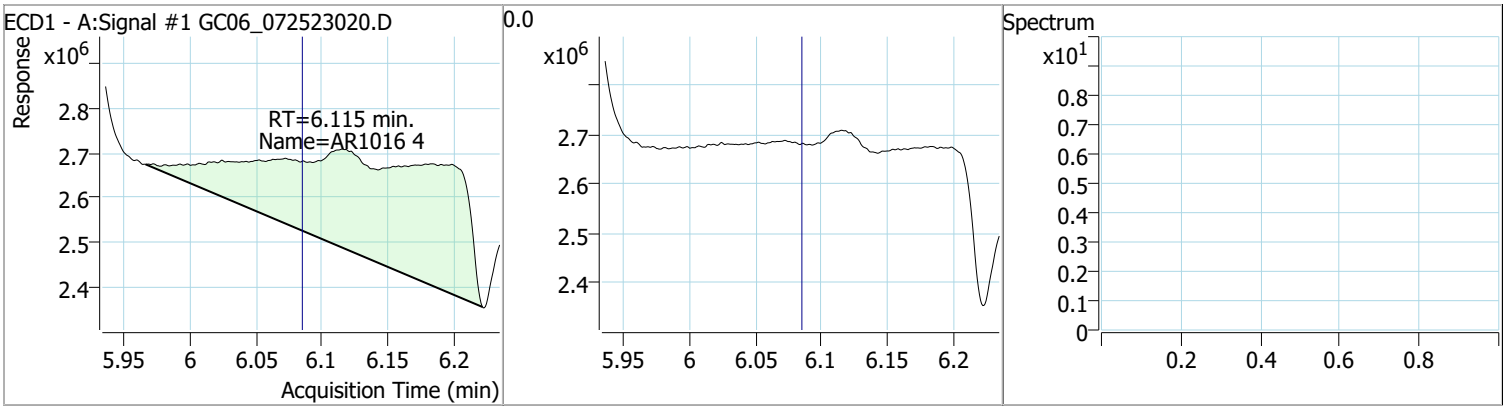
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	61.8558	5.93	-0.03	593148				



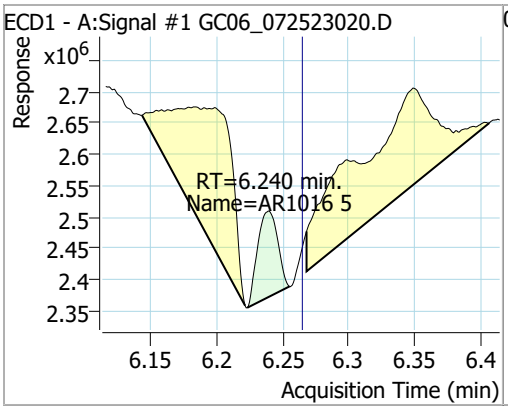
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	115.8508	6.15	0.07	2467209				

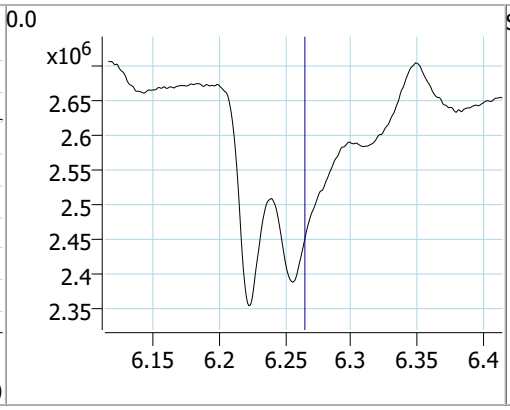


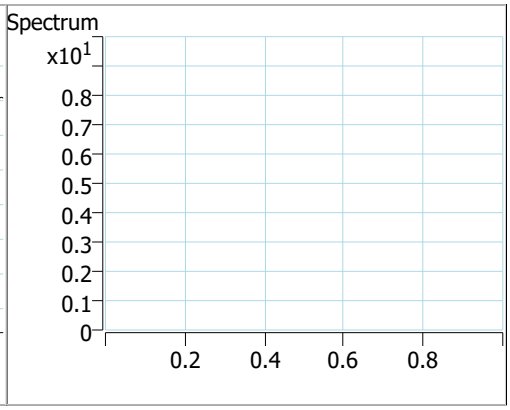
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4	408.5080	6.12	0.03	2361078				



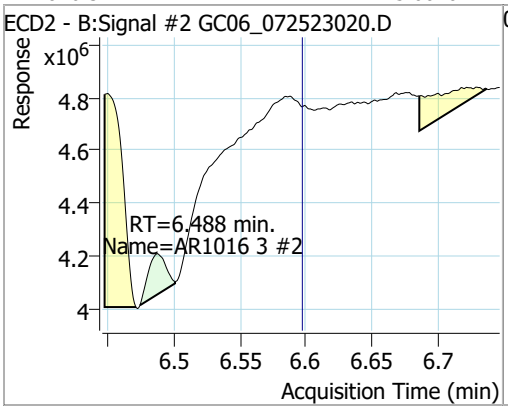
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	33.1657	6.24	-0.03	146605				

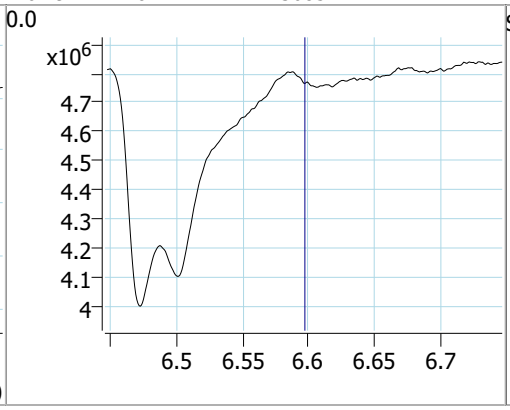


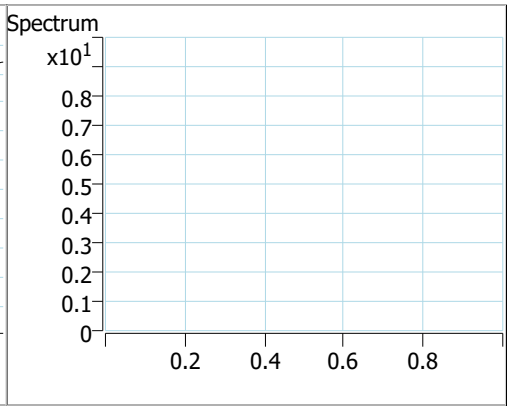




Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	5.6070	6.49	-0.11	143685				

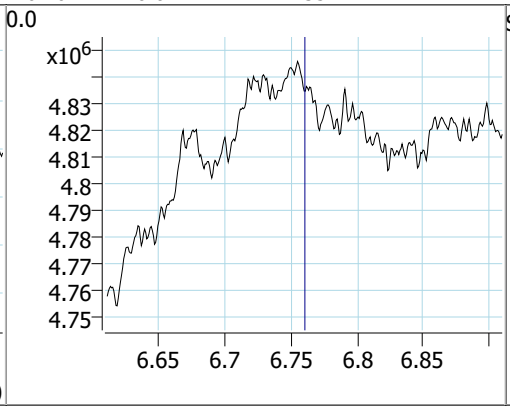


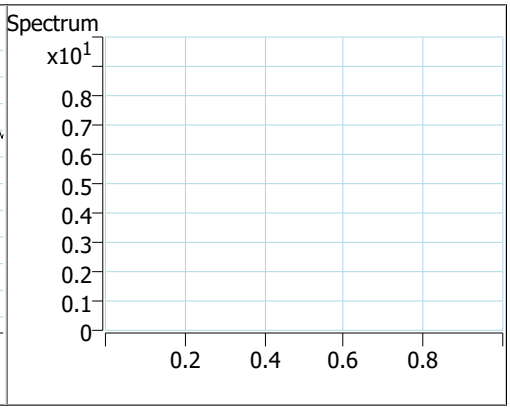




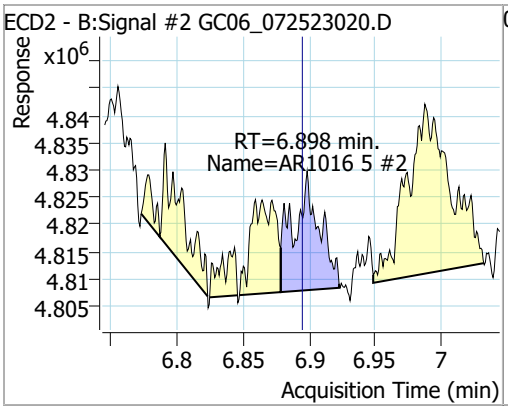
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4 #2	22.3506	6.76	-0.01	412235				

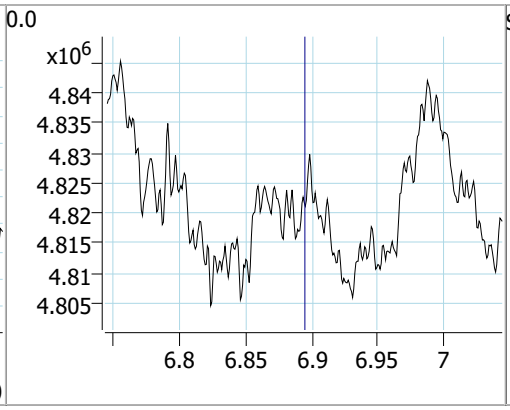


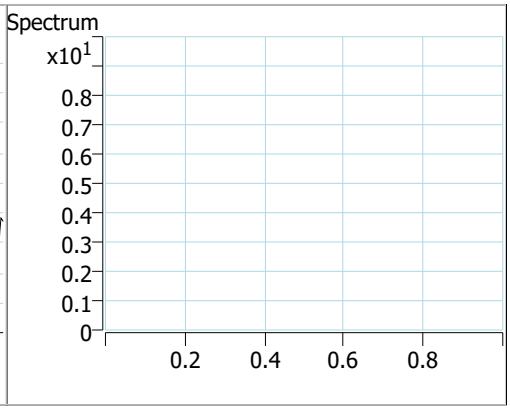




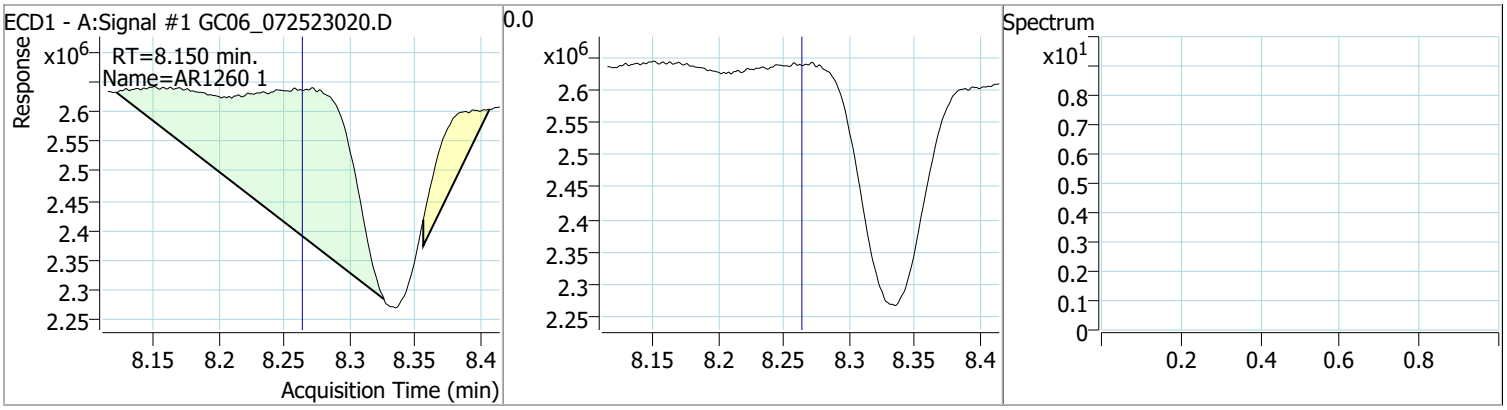
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	3.0684	6.90	0.00	30187				



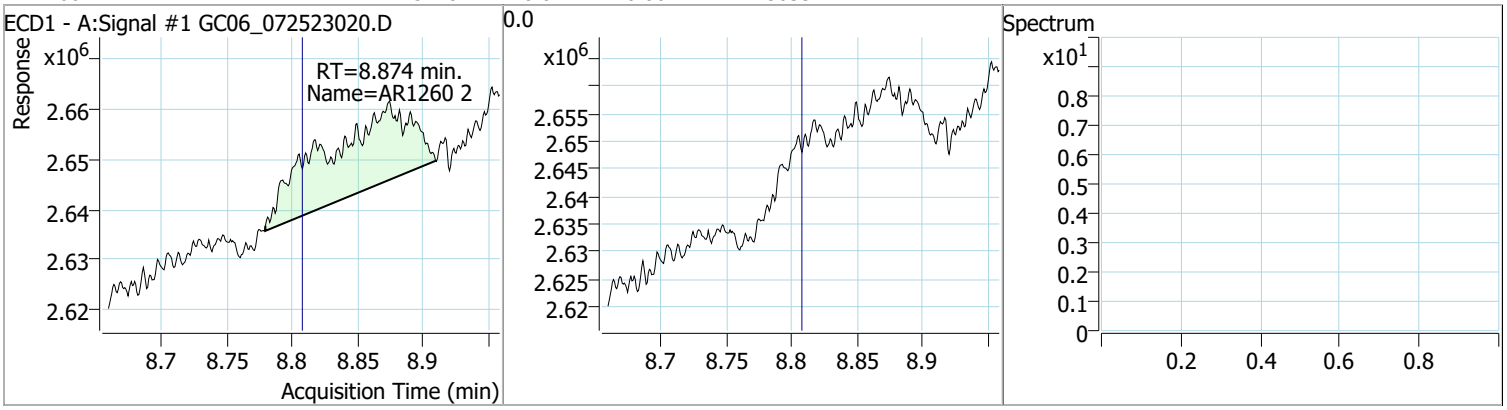




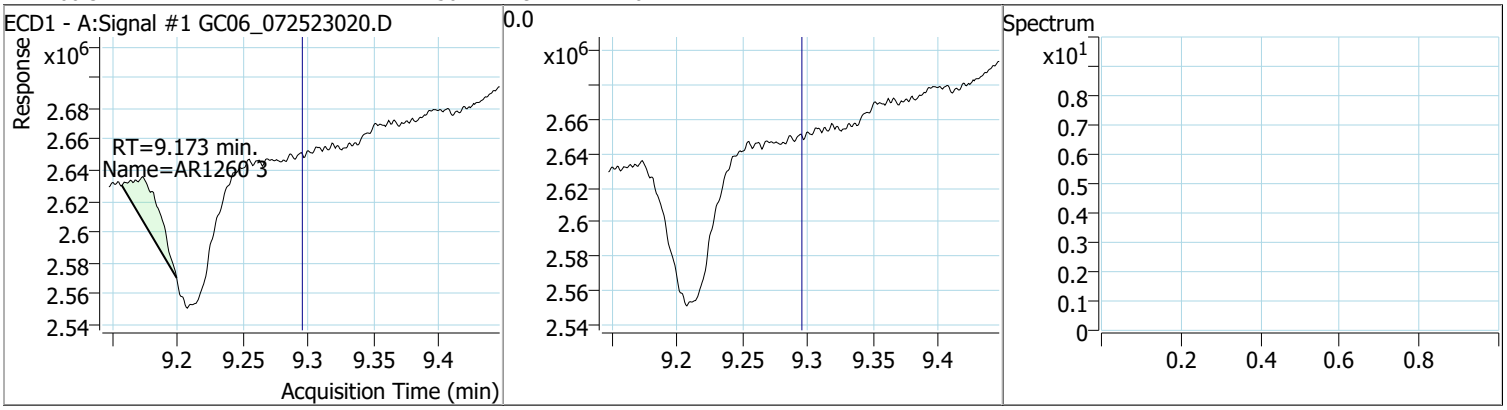
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	159.7871	8.15	-0.12	1750697				



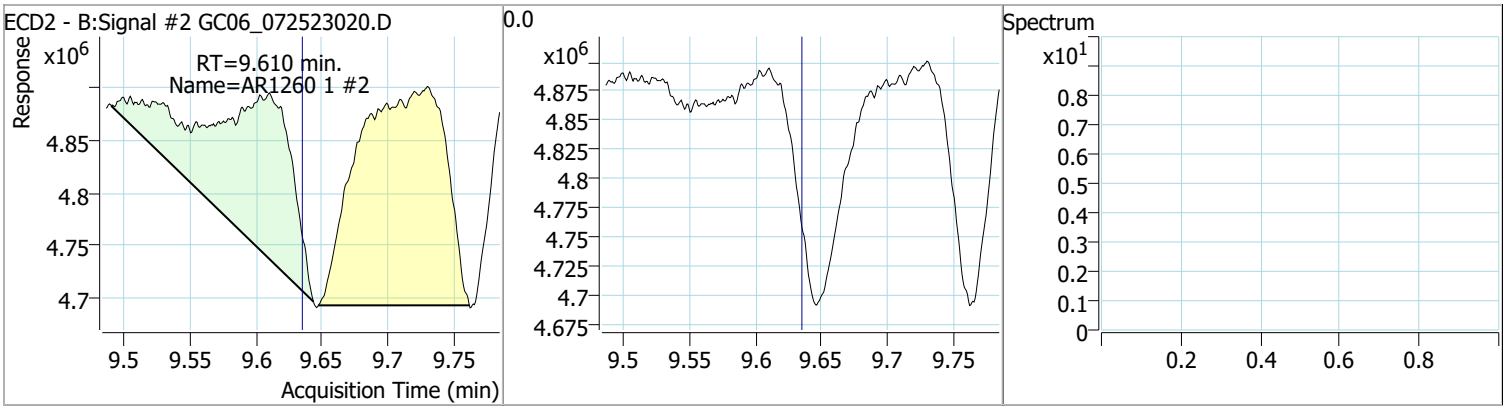
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	4.5218	8.87	0.06	75633				



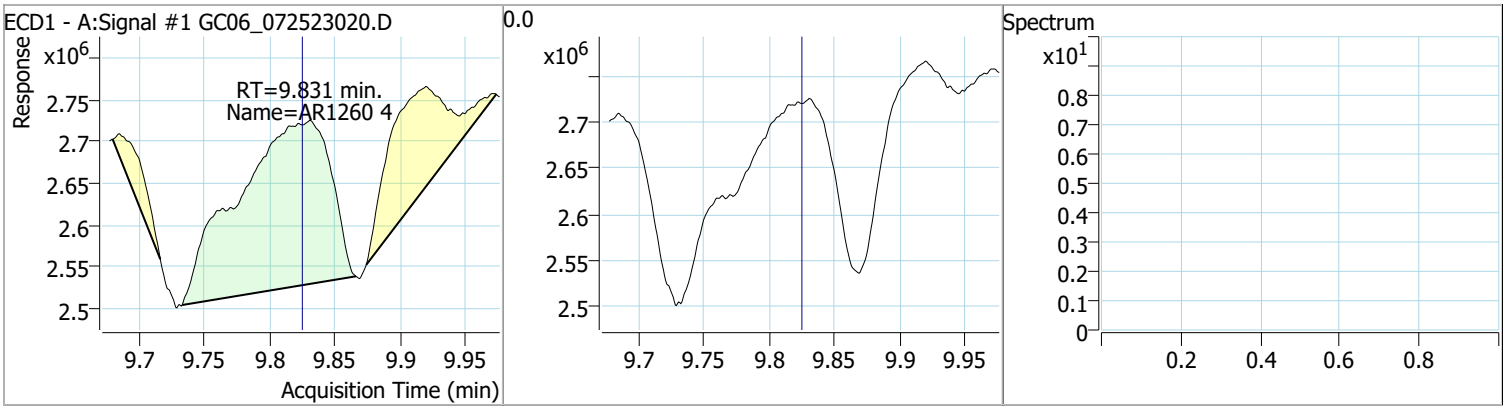
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3	2.4756	9.17	-0.12	44244				



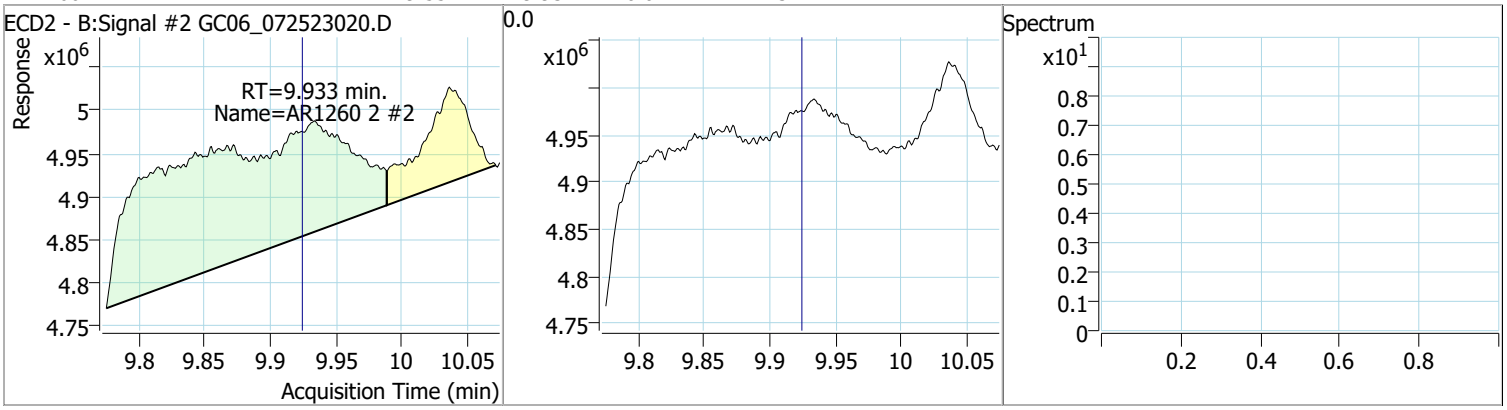
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1 #2	26.4891	9.61	-0.03	679951				



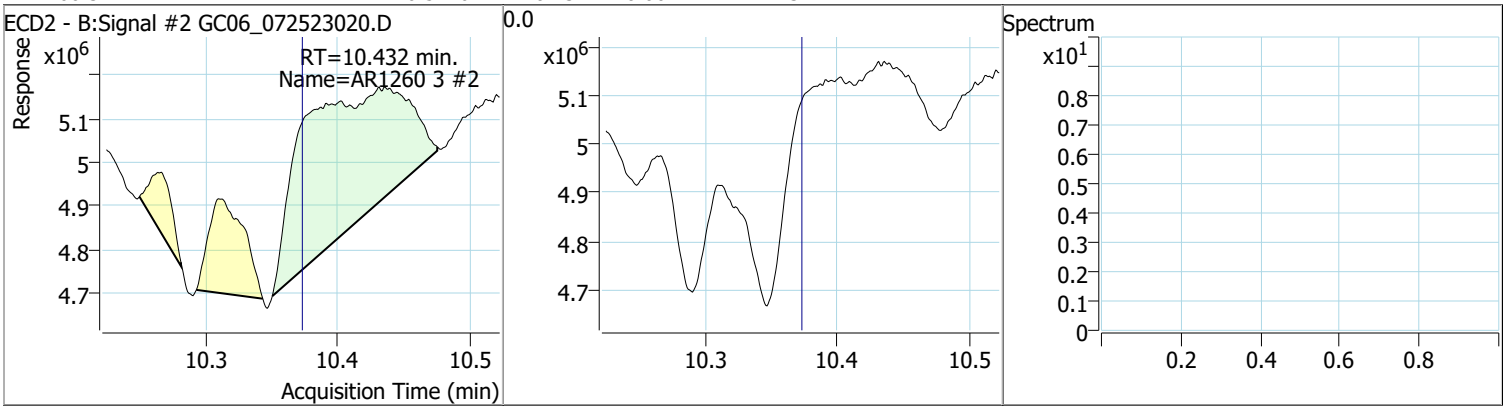
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4	101.1248	9.83	0.00	984666				



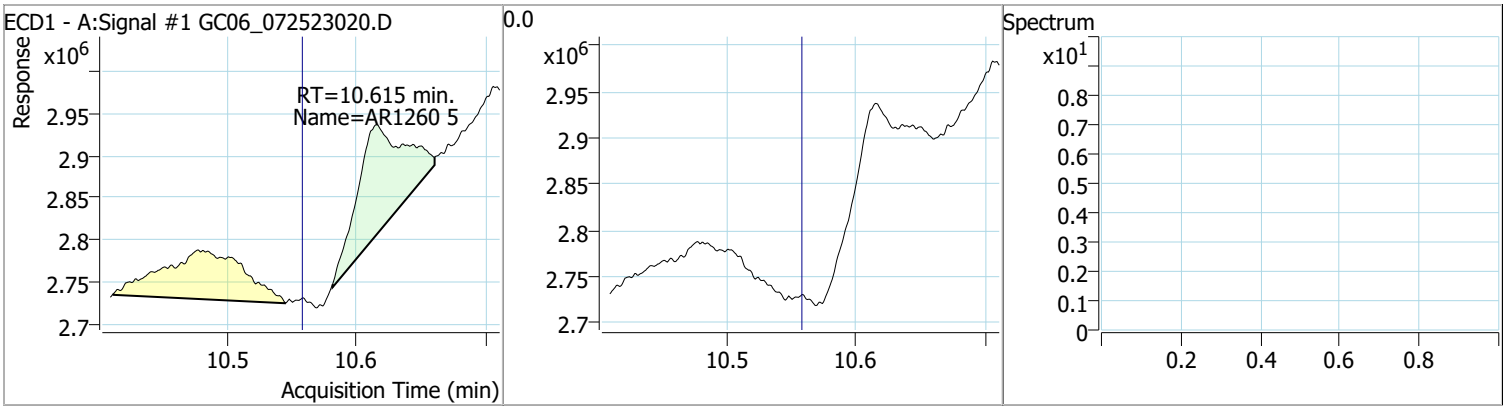
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	49.5521	9.93	0.01	1434114				



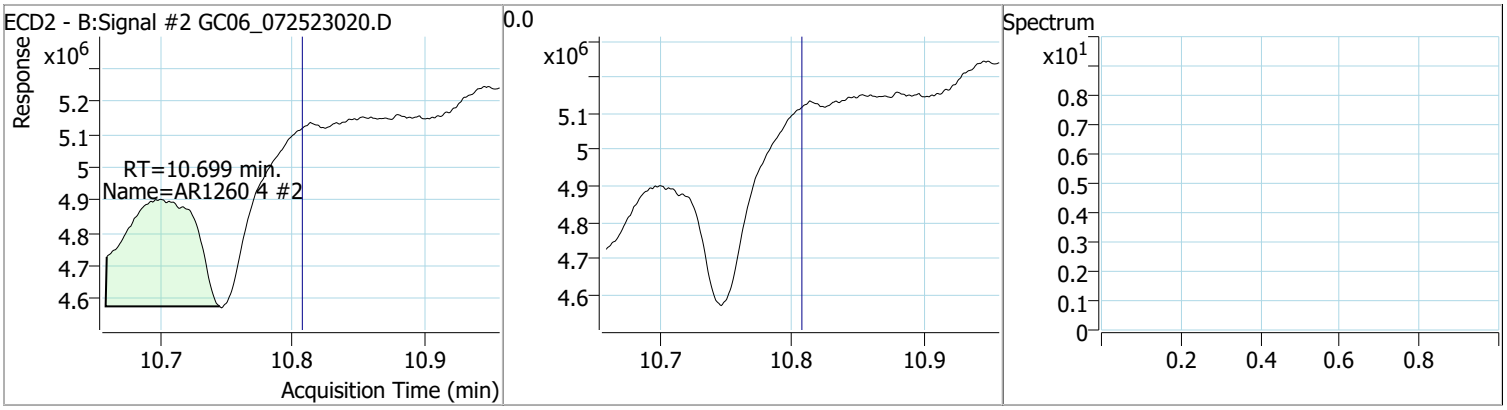
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3 #2	46.5276	10.43	0.06	1723217				



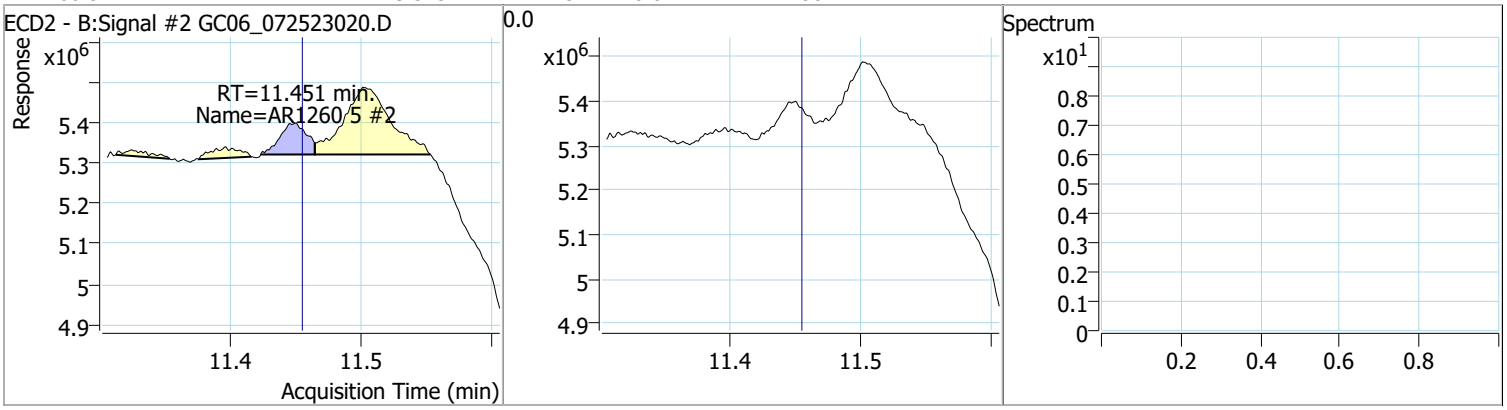
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	20.7678	10.62	0.05	319745				



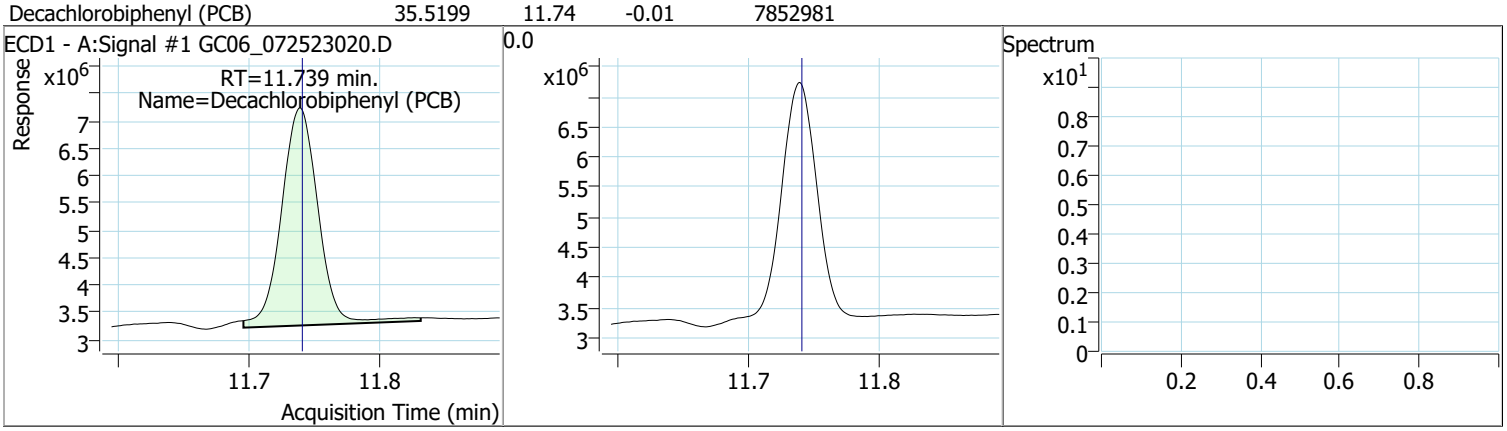
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	57.1820	10.70	-0.11	1237006				



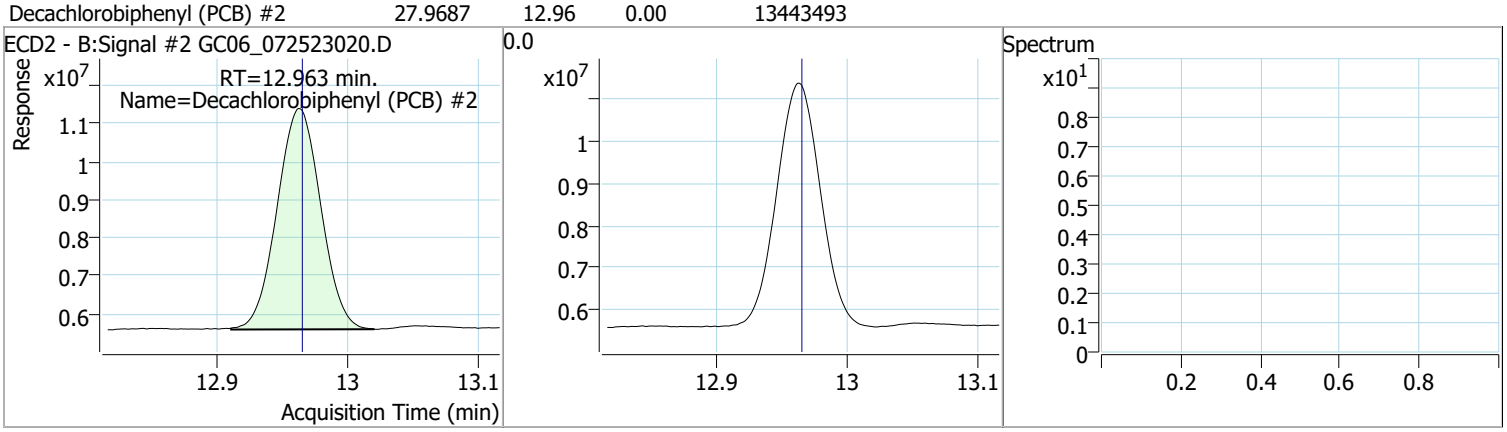
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	3.5451	11.45	-0.01	111158				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	35.5199	11.74	-0.01	7852981				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	27.9687	12.96	0.00	13443493				



ENTHALPY SAMPLE USER REPORT FOR EPA 8082

Inst:	SVOA-GC06	Lab ID:	489010-007	Client ID:	AFRAME-C6W-MED-L3-UP-C6.5-HM-230724-P-CB
Seqnum:	453297295021	Matrix:	Wipe	Acct:	RINCON-BERK (JG)
File:	gc06_072523021	Batch:	318888	Time:	25-JUL-2023 20:14
Cal:	453205686001	Caldate:	22-MAY-2023		
IDF:	1.0	Raw Units:	ug/L	Units:	ug/dm2

- 1.00 dm2 ⇨ 10.0 ml = 10.0 ml/dm2 PDF

Analyte	Ch	Raw	Result	Conf	RPD	RL	Blank	Flags
Aroclor-1016	B	75.51	~~0.76~~ ~~FP~~	1.4	60%	0.50		x u
Aroclor-1016 Peak # 1	B	51.39	0.51	0.32	47%			
Aroclor-1016 Peak # 2	B	158.6	1.59	0.97	49%			
Aroclor-1016 Peak # 3	B	147.6	1.48	0.87	52%			
Aroclor-1016 Peak # 4	B	3.142	0.03	4.30	197%			
Aroclor-1016 Peak # 5	B	16.82	0.17	0.55	107%			
Aroclor-1221	B		ND			0.50		u
Aroclor-1232	B		ND			0.50		u
Aroclor-1242	B		ND			0.50		u
Aroclor-1248	B		ND			0.50		u
Aroclor-1254	B		ND			0.50		u
Aroclor-1260	B	64.64	~~0.65~~ ~~FP~~	0.67	4%	0.50		x u
Aroclor-1260 Peak # 1	B	54.49	0.54	1.83	108%			
Aroclor-1260 Peak # 2	B	99.40	0.99	0.08	171%			
Aroclor-1260 Peak # 3	B	18.14	0.18	0.33	57%			
Aroclor-1260 Peak # 4	B	148.3	1.48	1.11	29%			
Aroclor-1260 Peak # 5	B	2.863	0.03	0.01	91%			
Aroclor-1262	B		ND			0.50		u
Aroclor-1268	B		ND			0.50		u

Surrogate	Ch	Raw	Spiked	Result	%Rec	Limits	Flags
TCMX (PCB)	B	33.80	0.5000	0.3380	68	19-121	c- u
Decachlorobiphenyl (PCB)	B	31.62	0.5000	0.3162	63	19-121	u

NO INTERNAL STANDARD REFERENCE RUN FOUND FOR CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV(internal standard: 1BR2NITROBZ1268, 1BR2NITROBZ1262, 1BR2NITROBZ1232, 1BR2NITROBZ1248, 1BR2NITROBZ1242, 1BR2NITROBZ1221, 1BR2NITROBZ1254)

ISTD (CCV gc06_072523006)	Ch	CCV Abund	SAMPLE Abund	%Drift
1-bromo-2-nitrobenzene (PCB)	B	8843280	8031790	-9.18
1-bromo-2-nitrobenzene (PCB)	A	3794782	3485478	-8.15

NO INTERNAL STANDARD REFERENCE RUN FOUND FOR CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV(internal standard: 1BR2NITROBZ1268, 1BR2NITROBZ1262, 1BR2NITROBZ1232, 1BR2NITROBZ1248, 1BR2NITROBZ1242, 1BR2NITROBZ1221, 1BR2NITROBZ1254)

ISTD (CCV gc06_072523006)	Ch	CCV RT	SAMPLE RT	Drift
1-bromo-2-nitrobenzene (PCB)	B	4.29	4.29	0.00
1-bromo-2-nitrobenzene (PCB)	A	4.09	4.07	-0.02

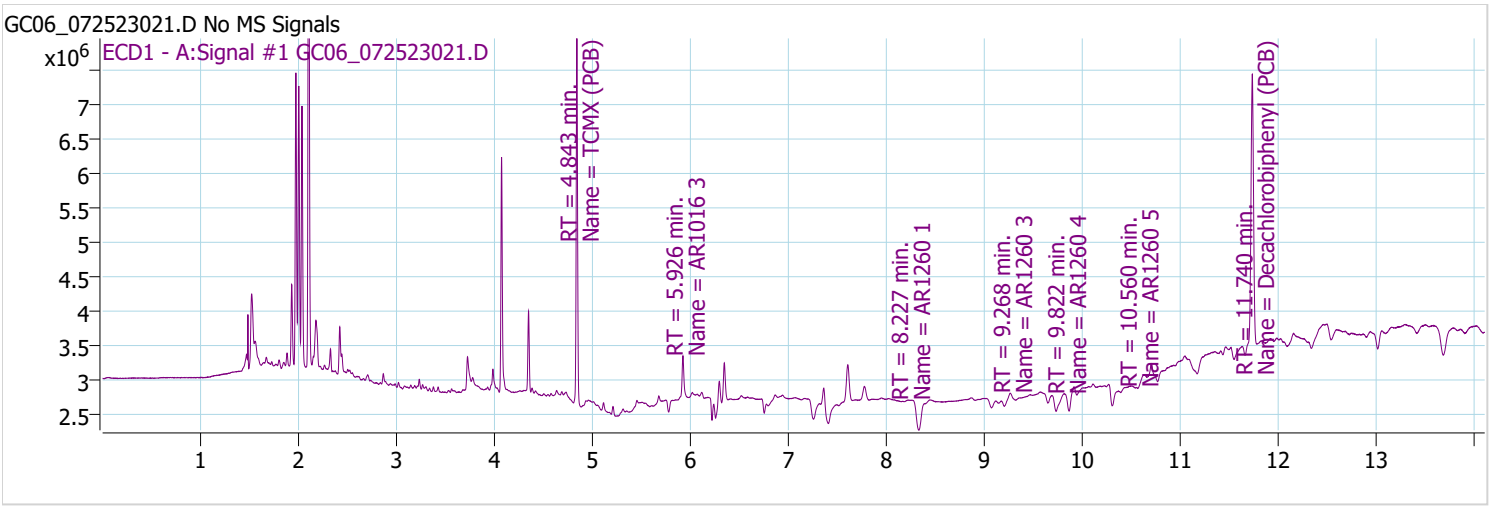
07/26/23 : WIPE/1DM^2.10ML

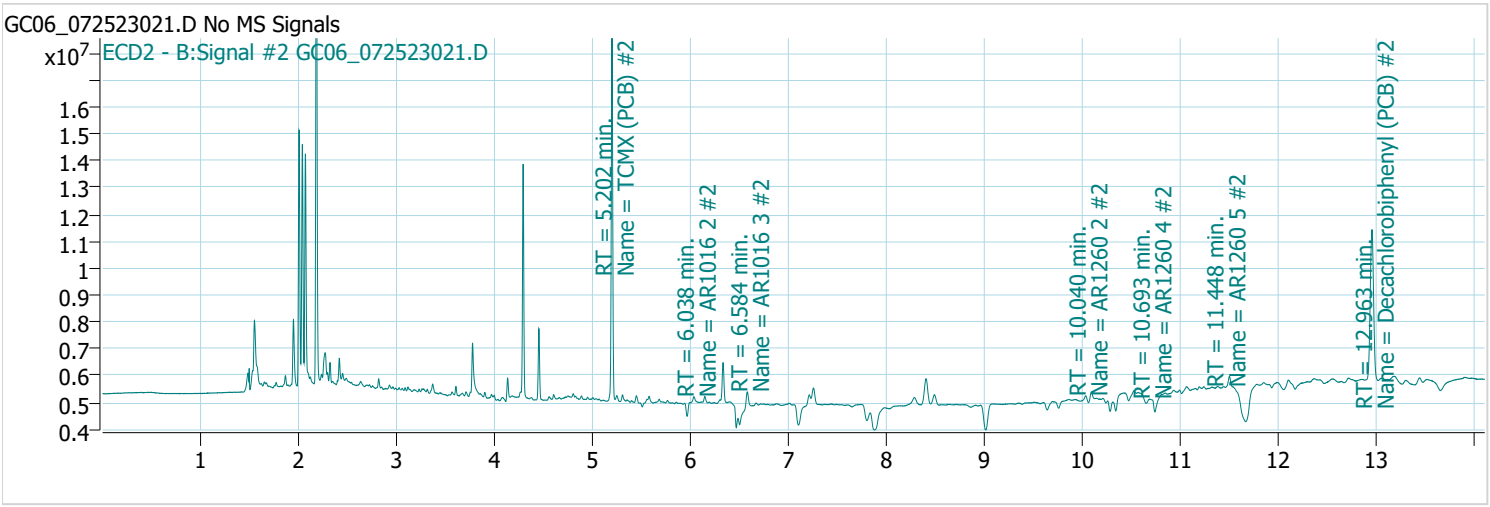
-=low bias c=CCV u=use x=false positive

Analyst: MES 07/26/23 **Reviewer:** MTS 07/27/23

Quantitation Results Report (Not Reviewed)

Data File	GC06_072523021.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	7/25/2023 8:14:46 PM
Sample Name	489010-007, 318888, 1	Instrument	SVOA-GC06
Vial	7	Multiplier	1.00
DA Method File	PCB_608_052323_GC06_36.m	Comment	WIPE/1DM^2.10ML
Tune File	ATUNE.U	Tune Date	
Batch Name	072523PCB.batch.bin	Last Calib Update	5/23/2023 1:46:10 PM
Ref Library			



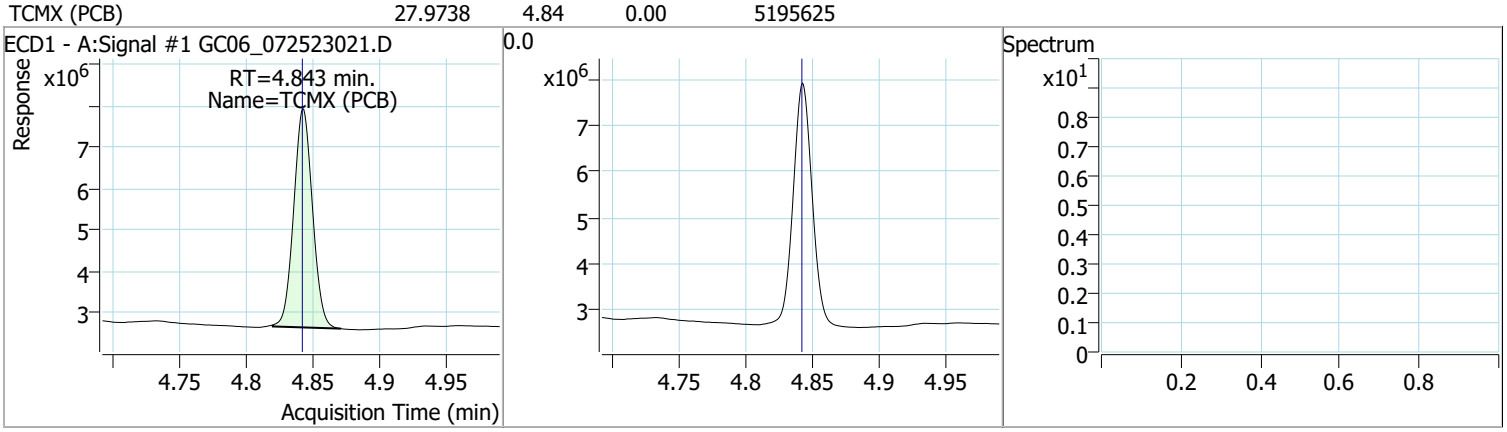


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1-bromo-2-nitrobenzene (PCB)	4.074	0.0	3485477.691	20.0000	ng/ml		-0.002
M 1-bromo-2-nitrobenzene (PCB) #2	4.294	0.0	8031790.245	20.0000	ng/ml		-0.001
System Monitoring Compounds							
S TCMX (PCB)	4.843	0.0	5195625.038	27.9738	ng/ml		-0.002
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 139.87%			
S TCMX (PCB) #2	5.202	0.0	14402577.949	33.8050	ng/ml		-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 169.02%		*	
S Decachlorobiphenyl (PCB)	11.740	0.0	7634613.472	32.8254	ng/ml		-0.005
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 164.13%		*	
S Decachlorobiphenyl (PCB) #2	12.963	0.0	13412141.303	31.6212	ng/ml		-0.003
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 158.11%		*	
Target Compounds							QValue

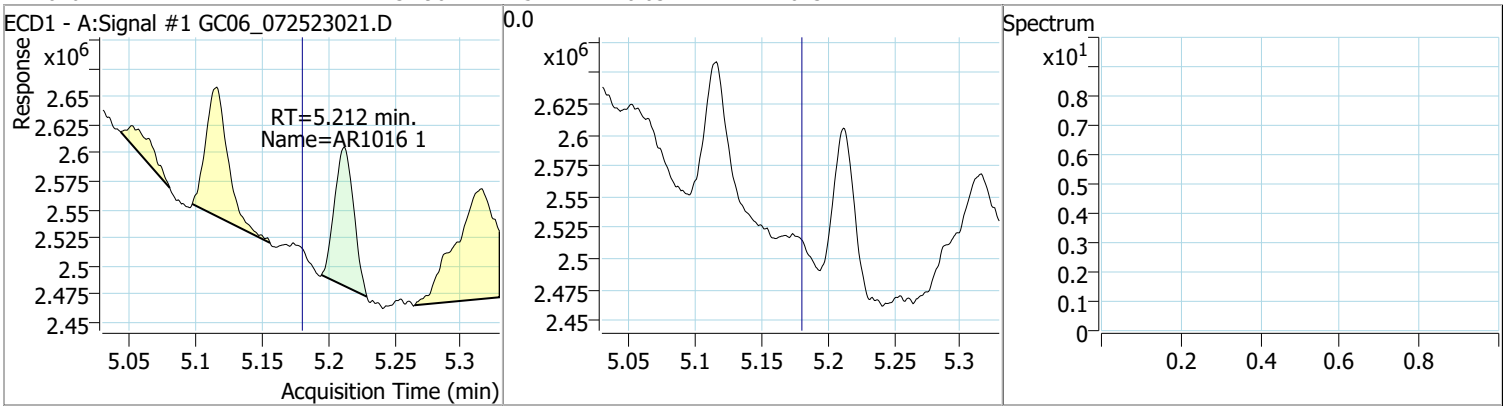
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T AR1016 1	5.212	0.0	124022.848	31.9024	ng/ml	100
T AR1016 2	5.457	0.0	762835.446	96.6532	ng/ml	100
T AR1016 1 #2	5.683	0.0	429908.636	51.3885	ng/ml	100
T AR1016 3	5.926	0.0	876774.555	86.9142	ng/ml	100
T AR1016 2 #2	6.038	0.0	2981436.892	158.6497	ng/ml	100
T AR1016 4	6.022	0.0	2613737.922	429.8704	ng/ml	100
T AR1016 5	6.242	0.0	257079.123	55.2831	ng/ml	100
T AR1016 3 #2	6.584	0.0	3336727.880	147.5582	ng/ml	100
T AR1016 4 #2	6.794	0.0	51144.308	3.1424	ng/ml	100
T AR1016 5 #2	6.885	0.0	146062.319	16.8243	ng/ml	100
T AR1260 1	8.227	0.0	2105374.369	182.6608	ng/ml	100
T AR1260 2	8.867	0.0	135866.534	7.7215	ng/ml	100
T AR1260 3	9.268	0.0	612102.413	32.5558	ng/ml	100
T AR1260 1 #2	9.708	0.0	1234332.908	54.4931	ng/ml	100
T AR1260 4	9.822	0.0	1138696.150	111.1634	ng/ml	100
T AR1260 2 #2	10.040	0.0	2538656.534	99.4037	ng/ml	100
T AR1260 3 #2	10.315	0.0	592722.783	18.1361	ng/ml	100
T AR1260 5	10.560	0.0	17430.773	1.0762	ng/ml	100
T AR1260 4 #2	10.693	0.0	2831067.828	148.3057	ng/ml	100
T AR1260 5 #2	11.448	0.0	79206.633	2.8626	ng/ml	100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

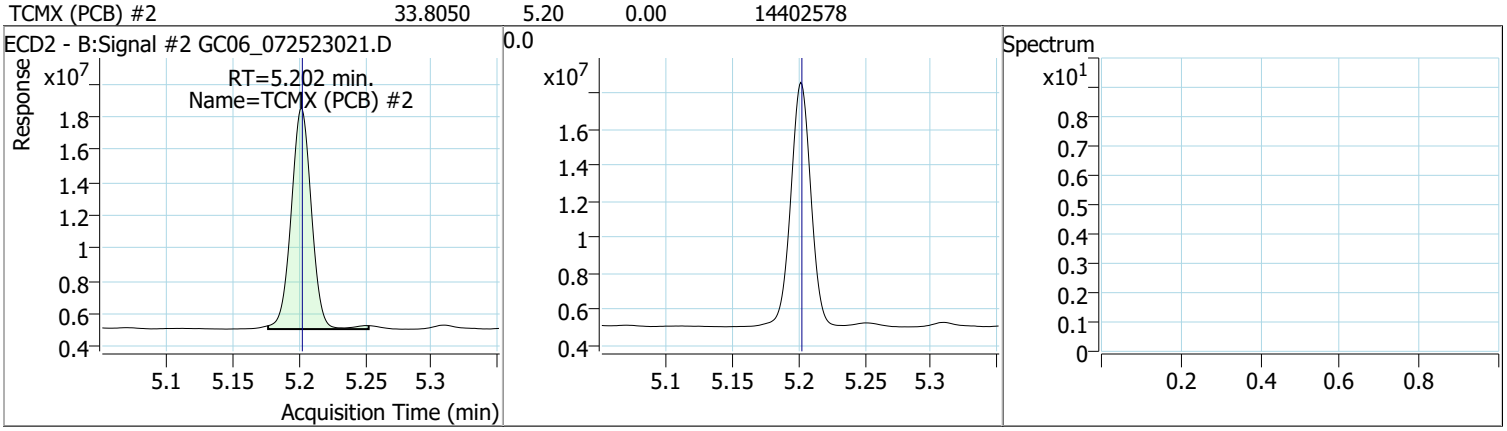
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	27.9738	4.84	0.00	5195625				



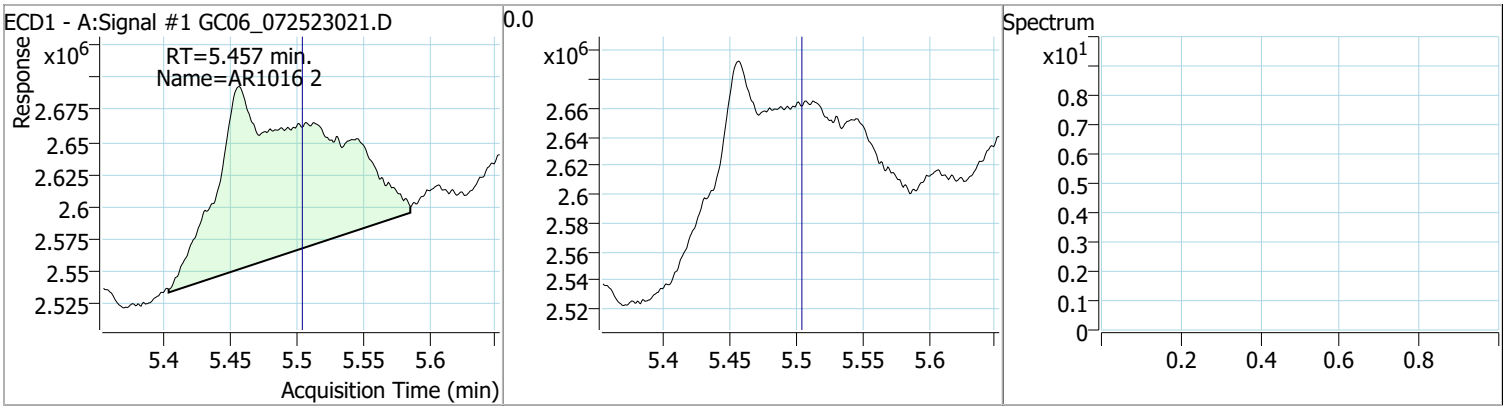
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	31.9024	5.21	0.03	124023				



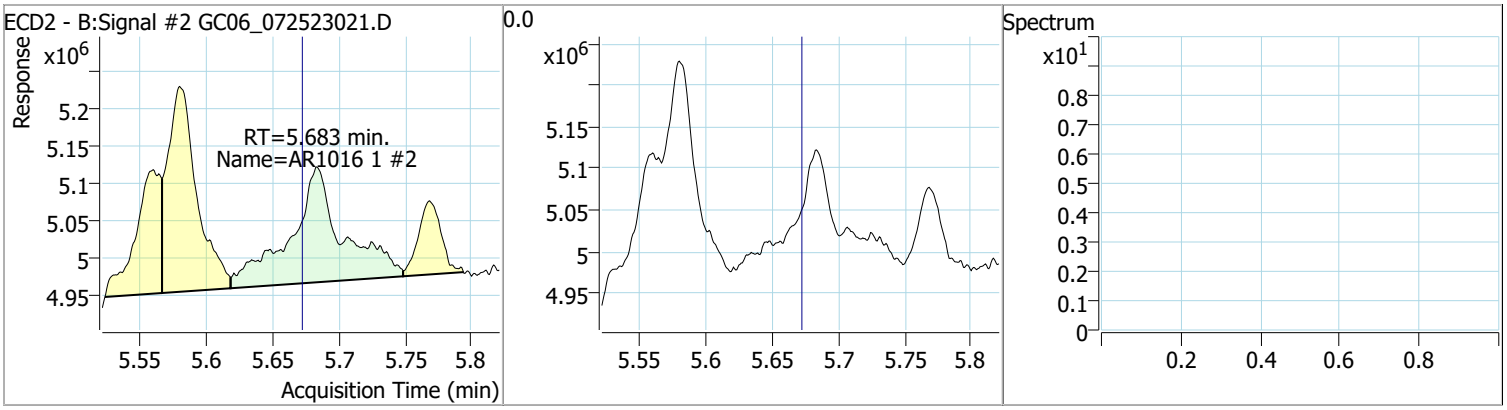
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB) #2	33.8050	5.20	0.00	14402578				



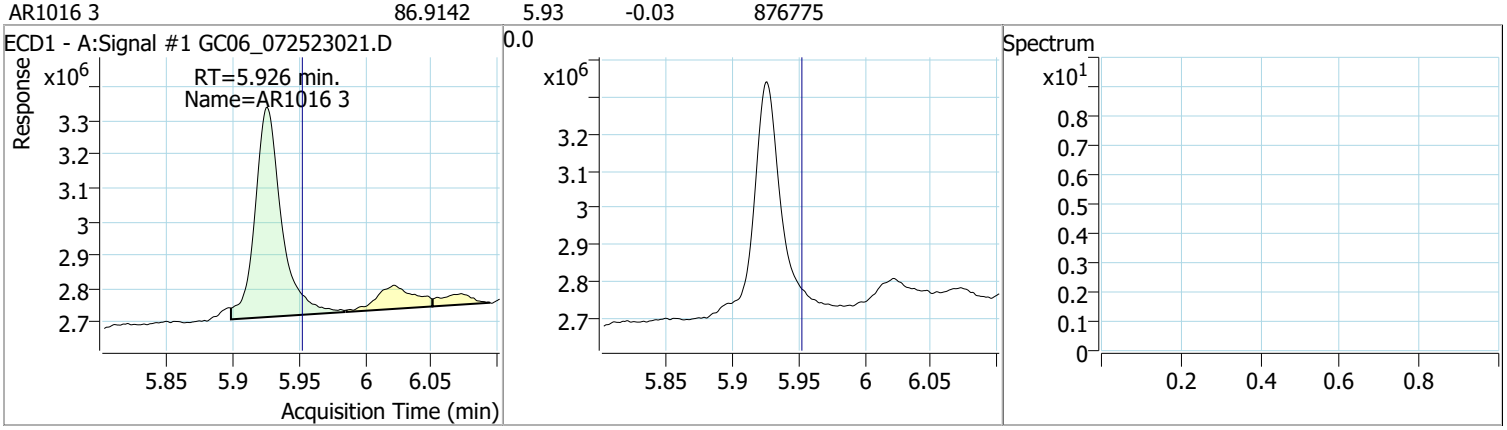
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	96.6532	5.46	-0.05	762835				



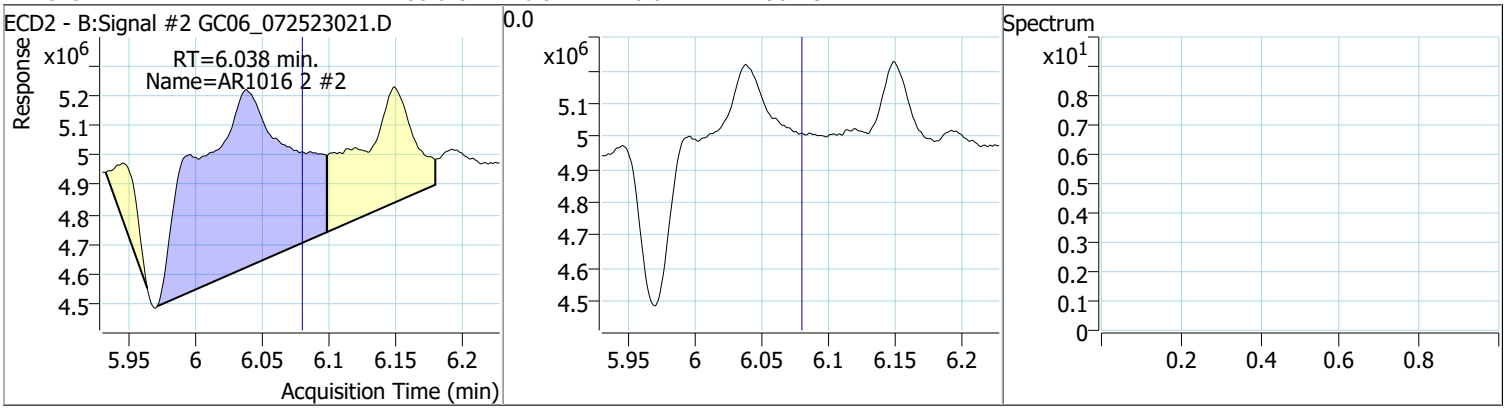
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1 #2	51.3885	5.68	0.01	429909				



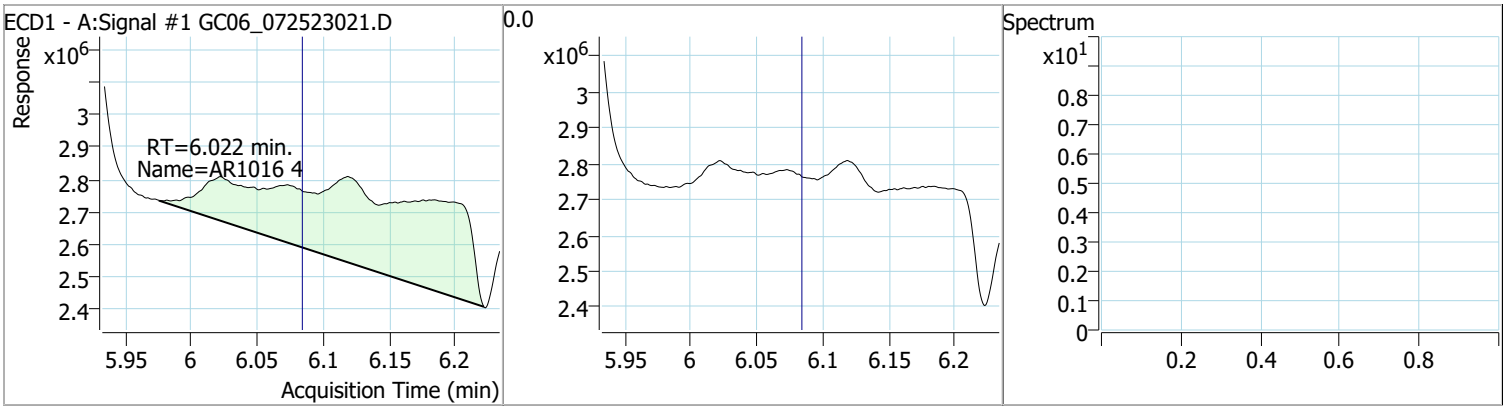
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	86.9142	5.93	-0.03	876775				



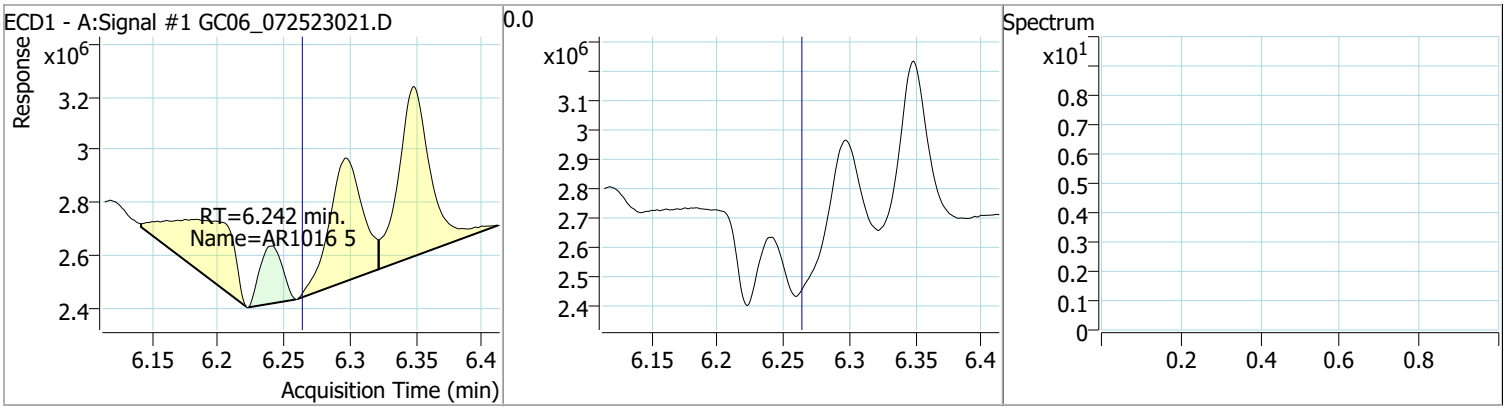
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	158.6497	6.04	-0.04	2981437				



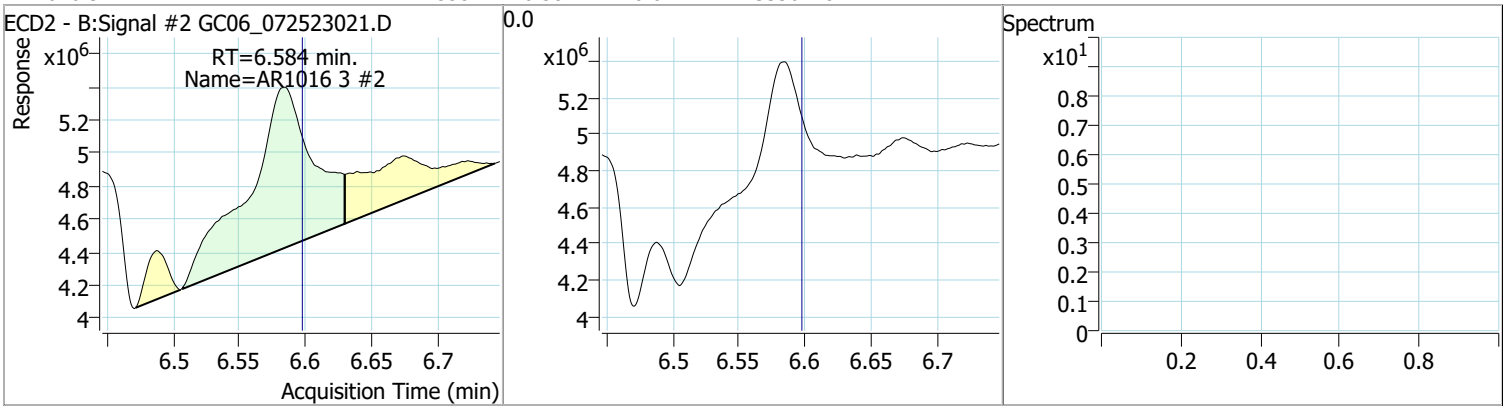
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4	429.8704	6.02	-0.06	2613738				



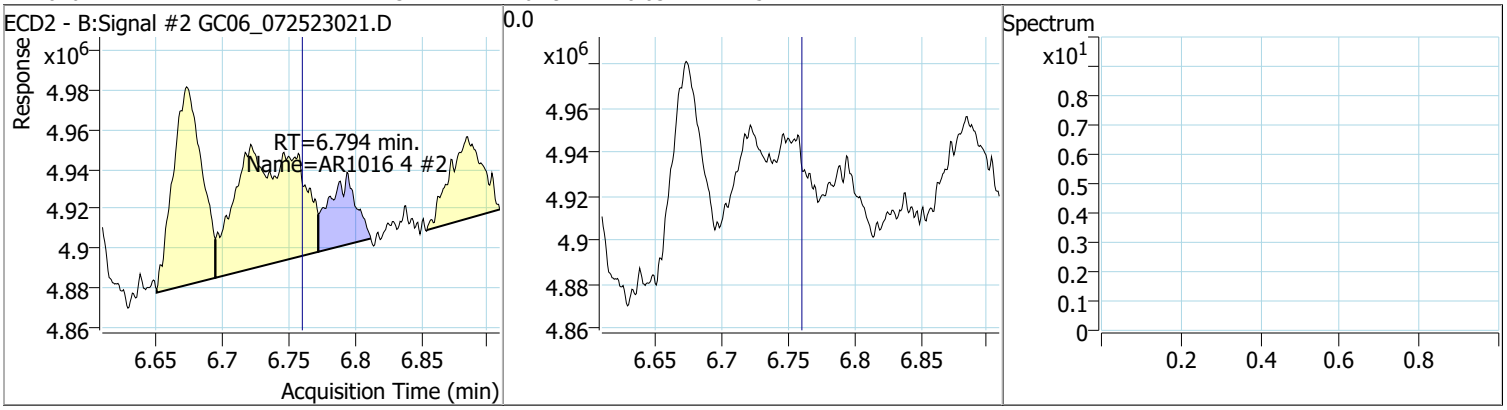
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	55.2831	6.24	-0.02	257079				



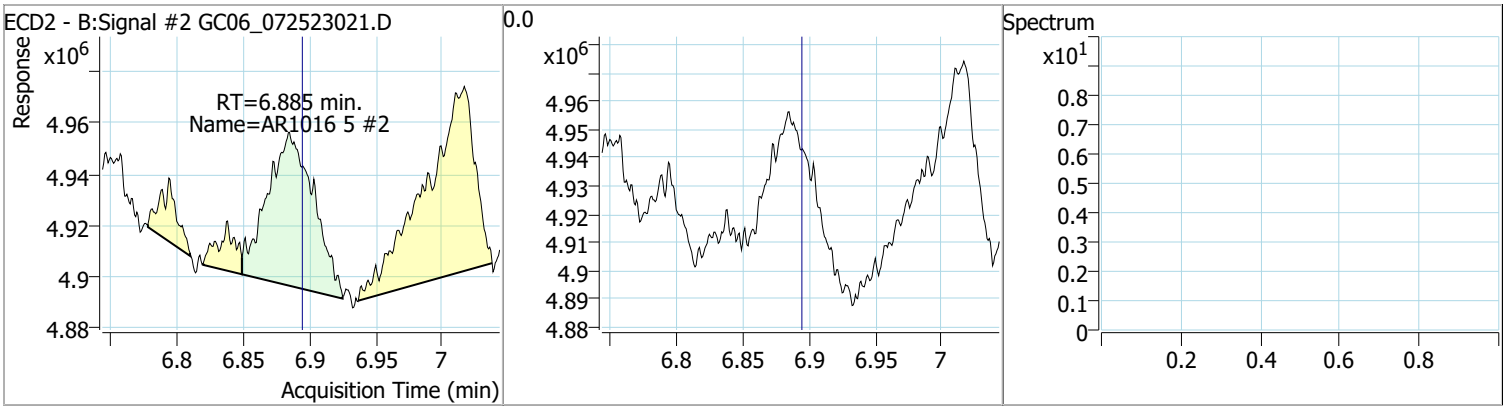
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	147.5582	6.58	-0.01	3336728				



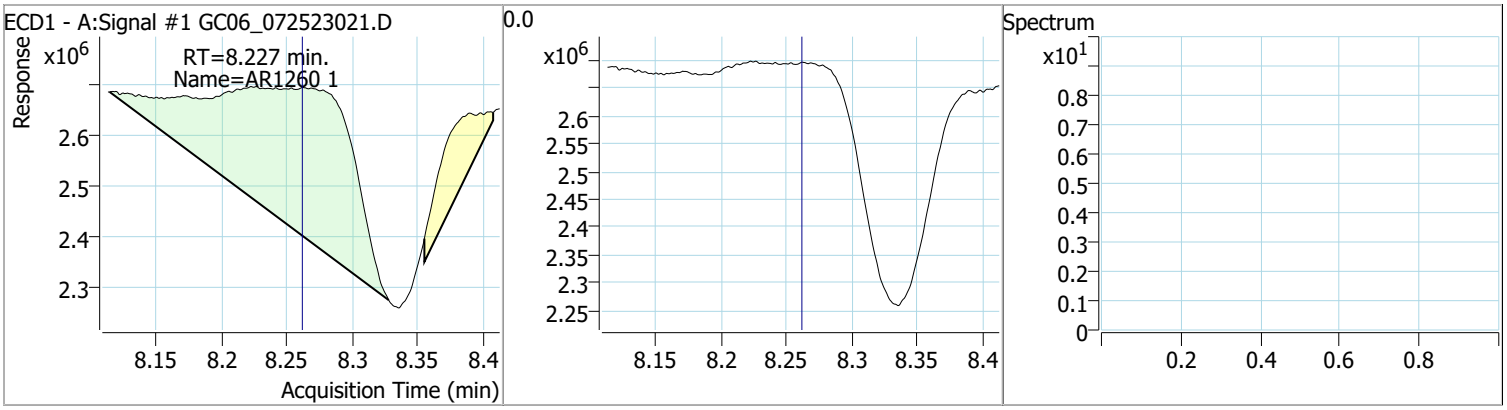
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4 #2	3.1424	6.79	0.03	51144				



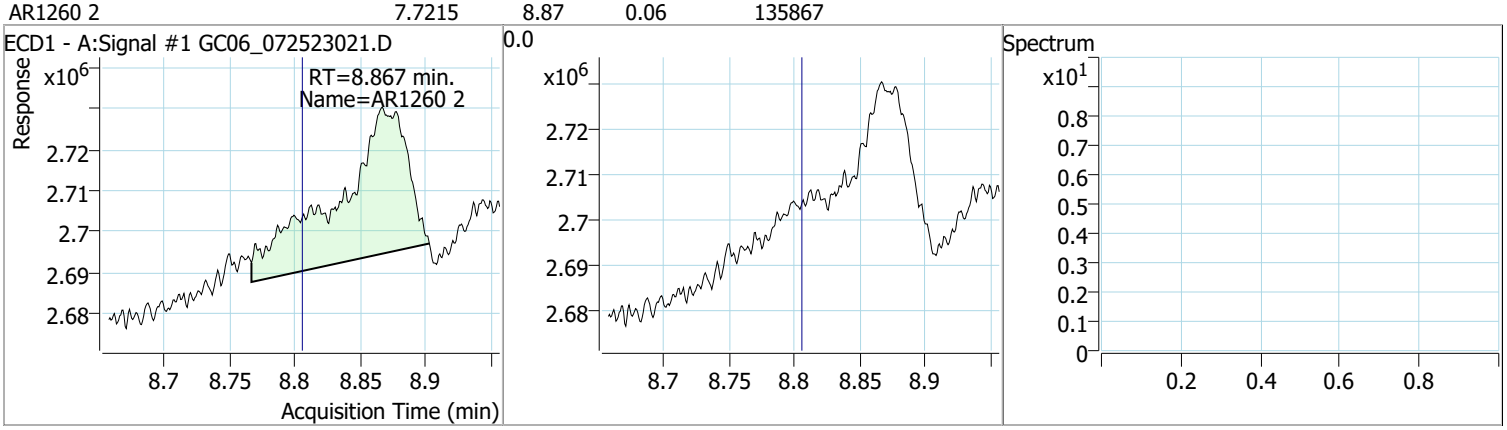
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	16.8243	6.89	-0.01	146062				



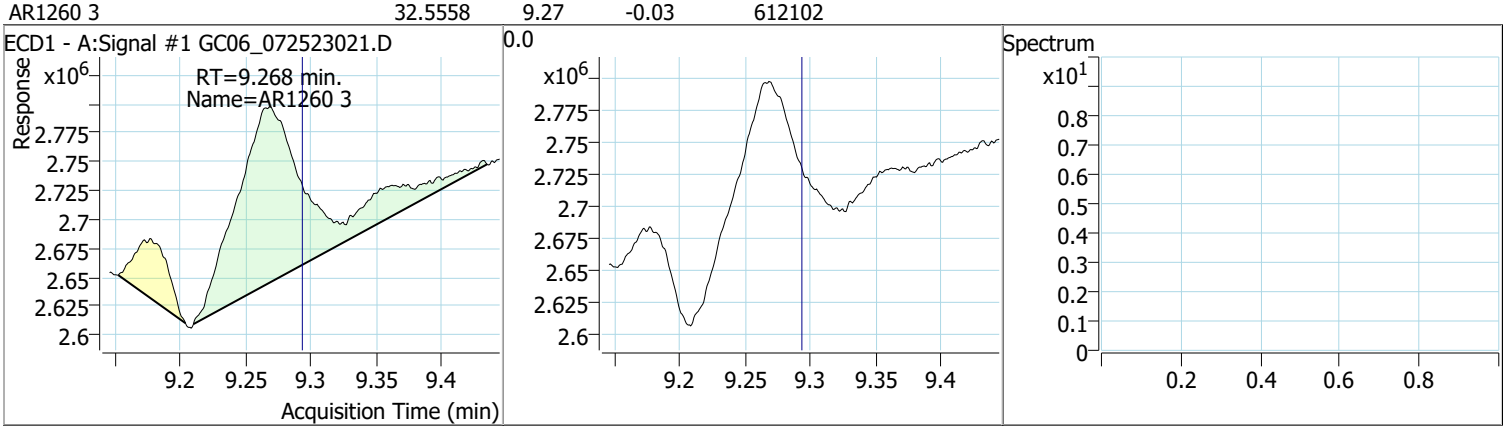
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	182.6608	8.23	-0.04	2105374				



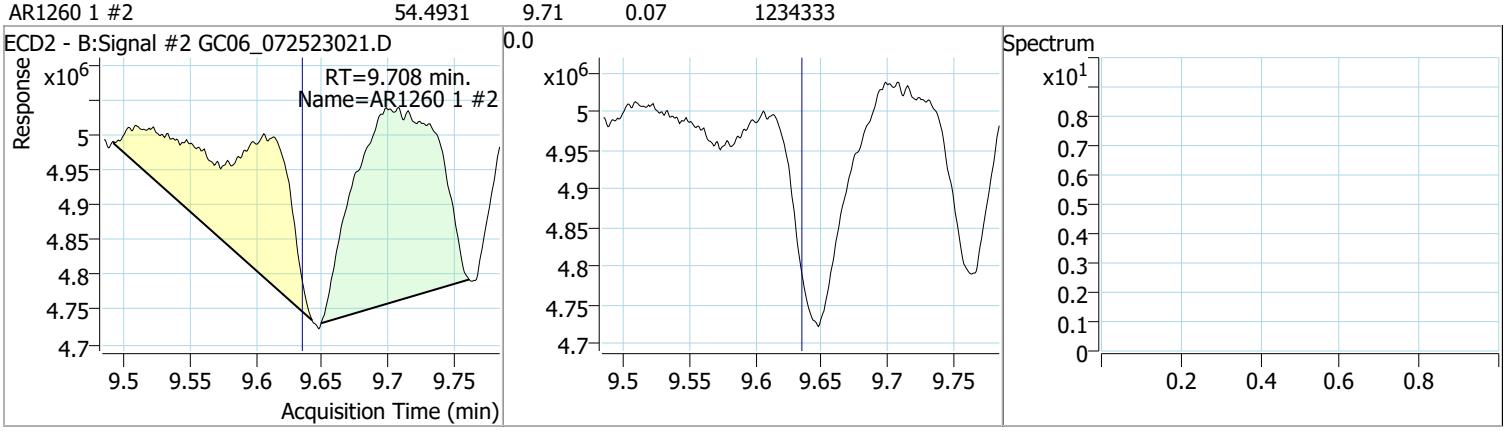
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	7.7215	8.87	0.06	135867				



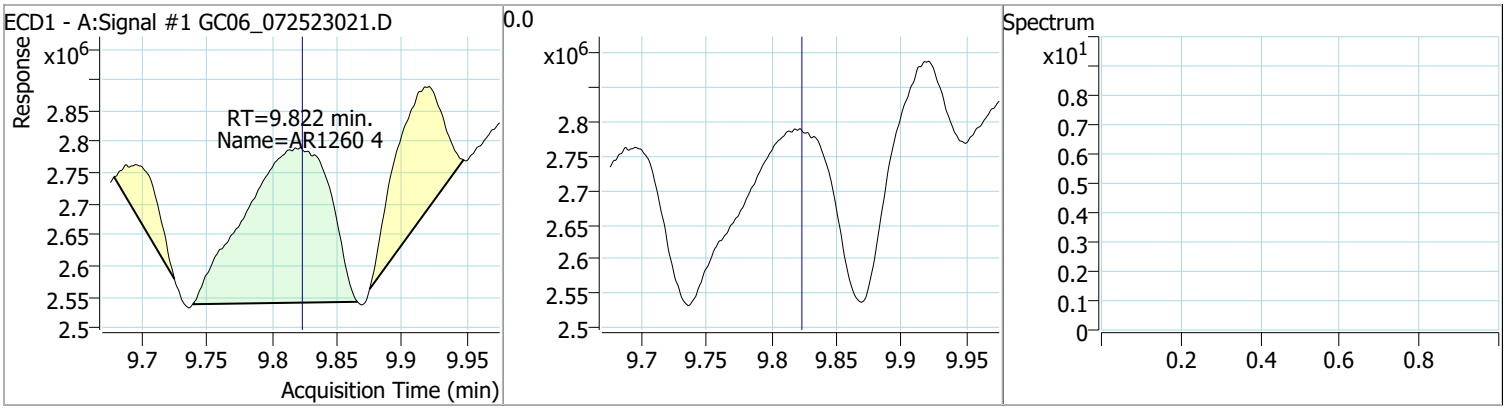
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3	32.5558	9.27	-0.03	612102				



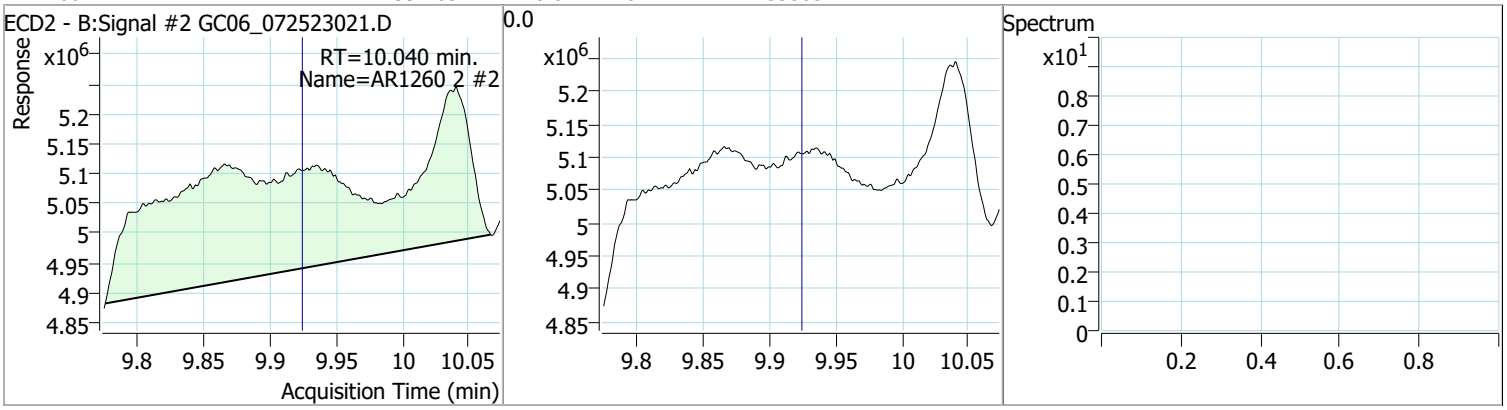
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1 #2	54.4931	9.71	0.07	1234333				



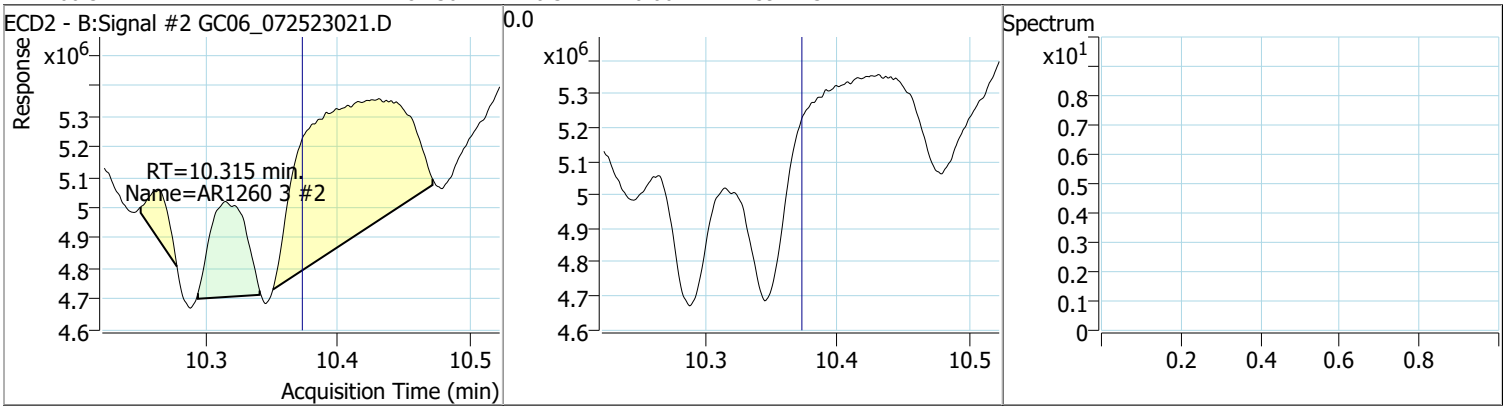
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4	111.1634	9.82	-0.01	1138696				



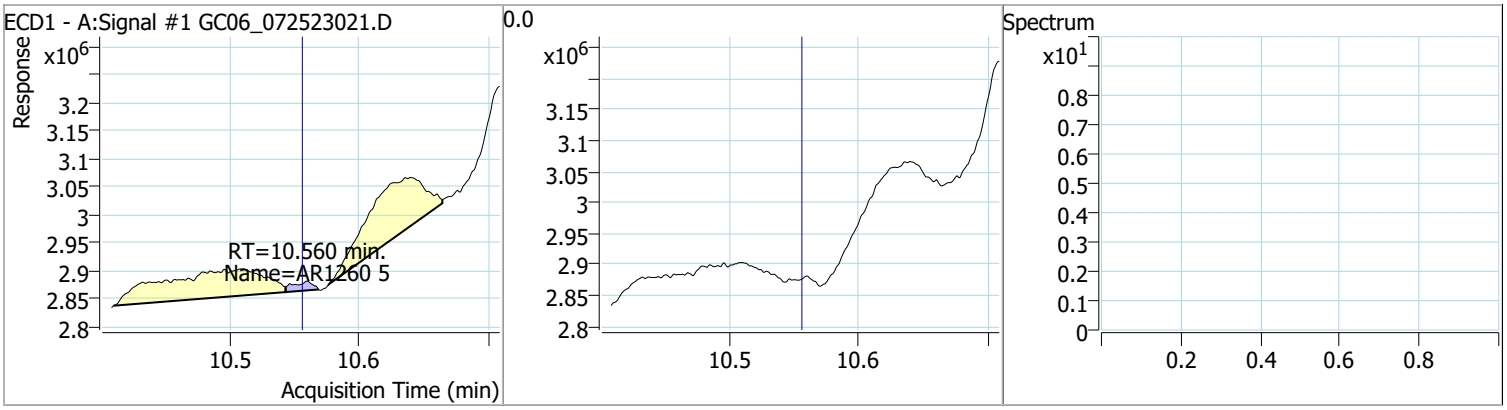
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	99.4037	10.04	0.12	2538657				



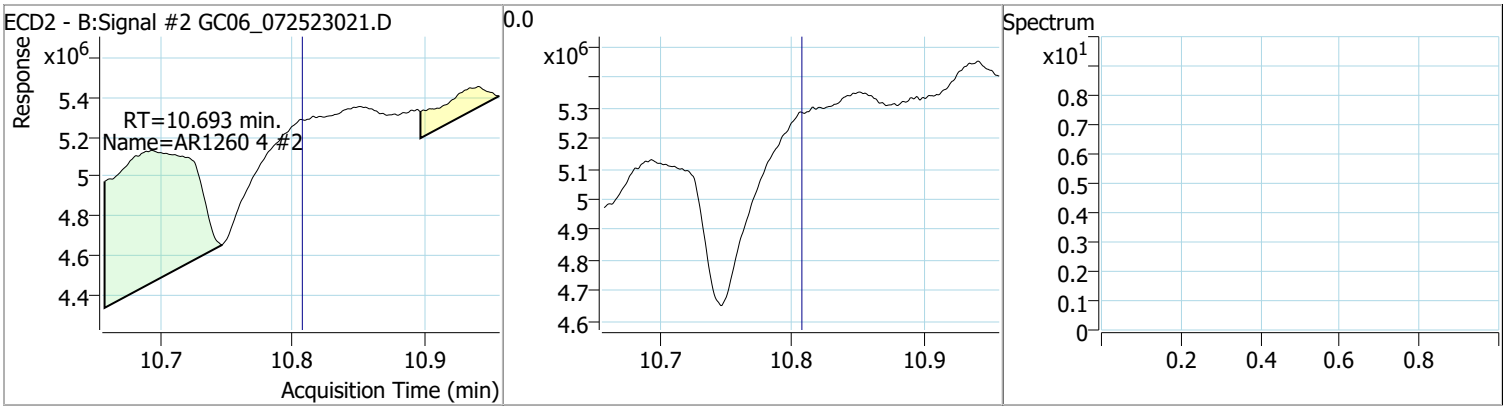
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3 #2	18.1361	10.32	-0.06	592723				



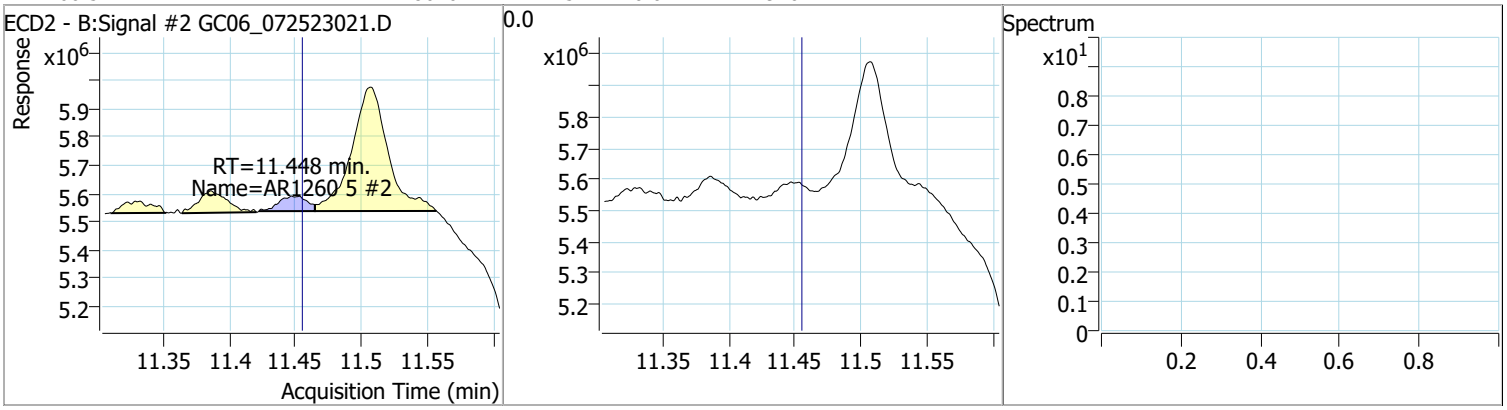
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	1.0762	10.56	0.00	17431				



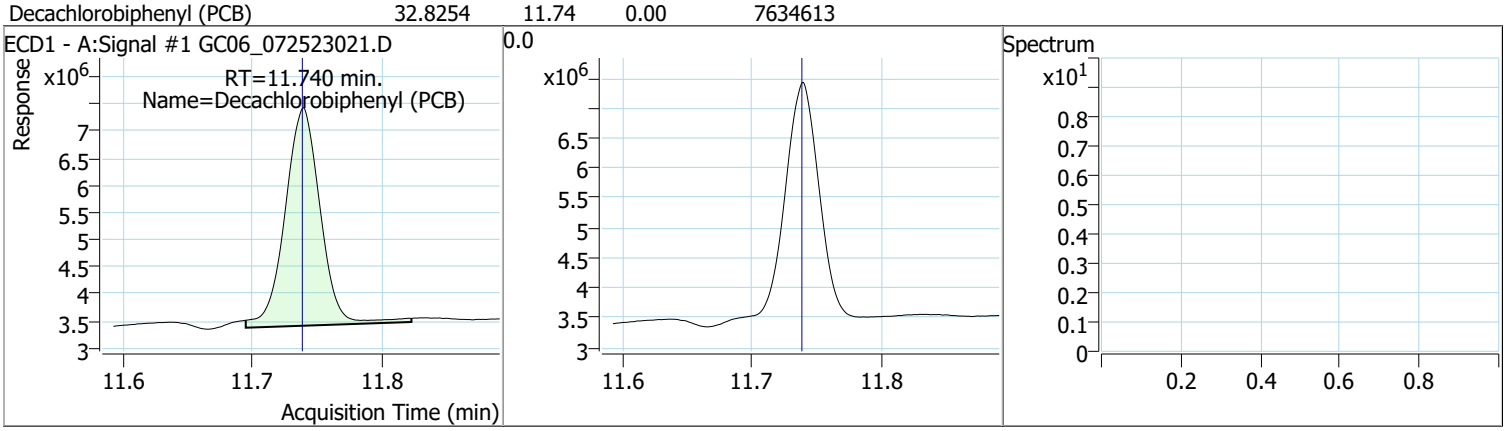
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	148.3057	10.69	-0.11	2831068				



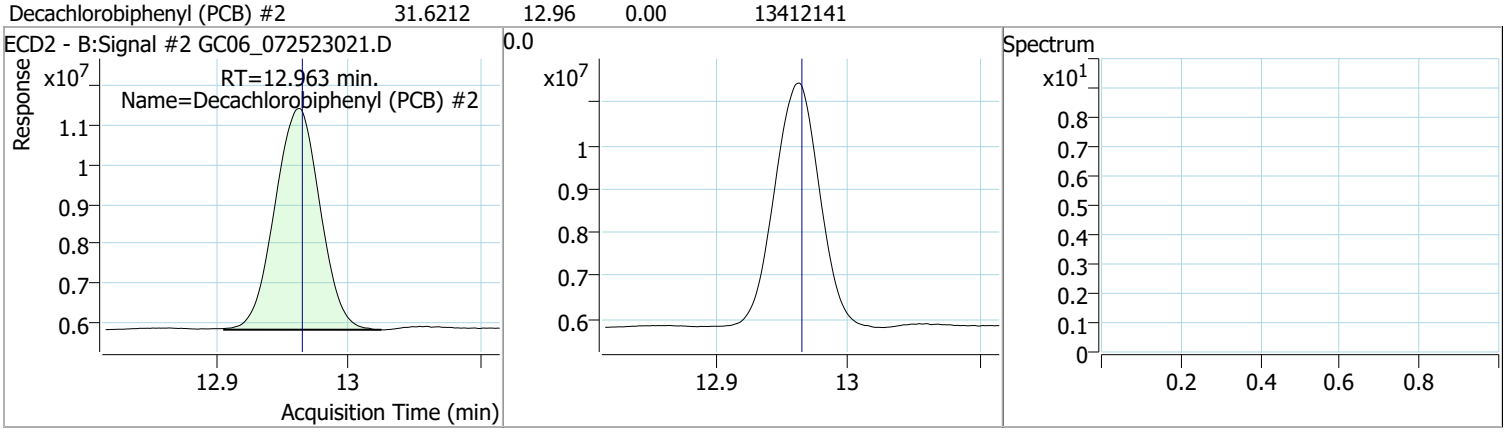
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	2.8626	11.45	-0.01	79207				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	32.8254	11.74	0.00	7634613				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	31.6212	12.96	0.00	13412141				



ENTHALPY SAMPLE USER REPORT FOR EPA 8082

Inst:	SVOA-GC06	Lab ID:	489010-009	Client ID:	AFRAME-C7W-LAT-L3-EXT-1 TO 2-230724-P-WF
Seqnum:	453297295022	Matrix:	Wipe	Acct:	RINCON-BERK (JG)
File:	gc06_072523022	Batch:	318888	Time:	25-JUL-2023 20:32
Cal:	453205686001	Caldate:	22-MAY-2023		
IDF:	1.0	Raw Units:	ug/L	Units:	ug/dm2

- 1.00 dm2 ⇨ 10.0 ml = 10.0 ml/dm2 PDF

Analyte	Ch	Raw	Result	Conf	RPD	RL	Blank	Flags
Aroclor-1016	B	70.60	~~0.71~~ ~~FP~~	0.91	25%	0.50		x u
Aroclor-1016 Peak # 1	B	71.26	0.71	0.20	111%			
Aroclor-1016 Peak # 2	B	131.5	1.32	0.94	33%			
Aroclor-1016 Peak # 3	B	143.3	1.43	0.91	44%			
Aroclor-1016 Peak # 4	B	3.073	0.03	2.08	194%			
Aroclor-1016 Peak # 5	B	3.825	0.04	0.41	166%			
Aroclor-1221	B		ND			0.50		u
Aroclor-1232	B		ND			0.50		u
Aroclor-1242	B		ND			0.50		u
Aroclor-1248	B		ND			0.50		u
Aroclor-1254	B		ND			0.50		u
Aroclor-1260	B	48.33	ND	0.61	23%	0.50		u
Aroclor-1260 Peak # 1	B	17.68	0.18	1.78	164%			
Aroclor-1260 Peak # 2	B	54.39	0.54	0.01	195%			
Aroclor-1260 Peak # 3	B	57.01	0.57	0.03	178%			
Aroclor-1260 Peak # 4	B	40.46	0.40	1.06	89%			
Aroclor-1260 Peak # 5	B	72.10	0.72	0.16	126%			
Aroclor-1262	B		ND			0.50		u
Aroclor-1268	B		ND			0.50		u

Surrogate	Ch	Raw	Spiked	Result	%Rec	Limits	Flags
TCMX (PCB)	B	32.54	0.5000	0.3254	65	19-121	c- u
Decachlorobiphenyl (PCB)	B	29.16	0.5000	0.2916	58	19-121	u

NO INTERNAL STANDARD REFERENCE RUN FOUND FOR CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV(internal standard: 1BR2NITROBZ1268, 1BR2NITROBZ1262, 1BR2NITROBZ1232, 1BR2NITROBZ1248, 1BR2NITROBZ1242, 1BR2NITROBZ1221, 1BR2NITROBZ1254)

ISTD (CCV gc06_072523006)	Ch	CCV Abund	SAMPLE Abund	%Drift
1-bromo-2-nitrobenzene (PCB)	B	8843280	9171197	3.71
1-bromo-2-nitrobenzene (PCB)	A	3794782	3274647	-13.71

NO INTERNAL STANDARD REFERENCE RUN FOUND FOR CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV(internal standard: 1BR2NITROBZ1268, 1BR2NITROBZ1262, 1BR2NITROBZ1232, 1BR2NITROBZ1248, 1BR2NITROBZ1242, 1BR2NITROBZ1221, 1BR2NITROBZ1254)

ISTD (CCV gc06_072523006)	Ch	CCV RT	SAMPLE RT	Drift
1-bromo-2-nitrobenzene (PCB)	B	4.29	4.29	0.00
1-bromo-2-nitrobenzene (PCB)	A	4.09	4.07	-0.02

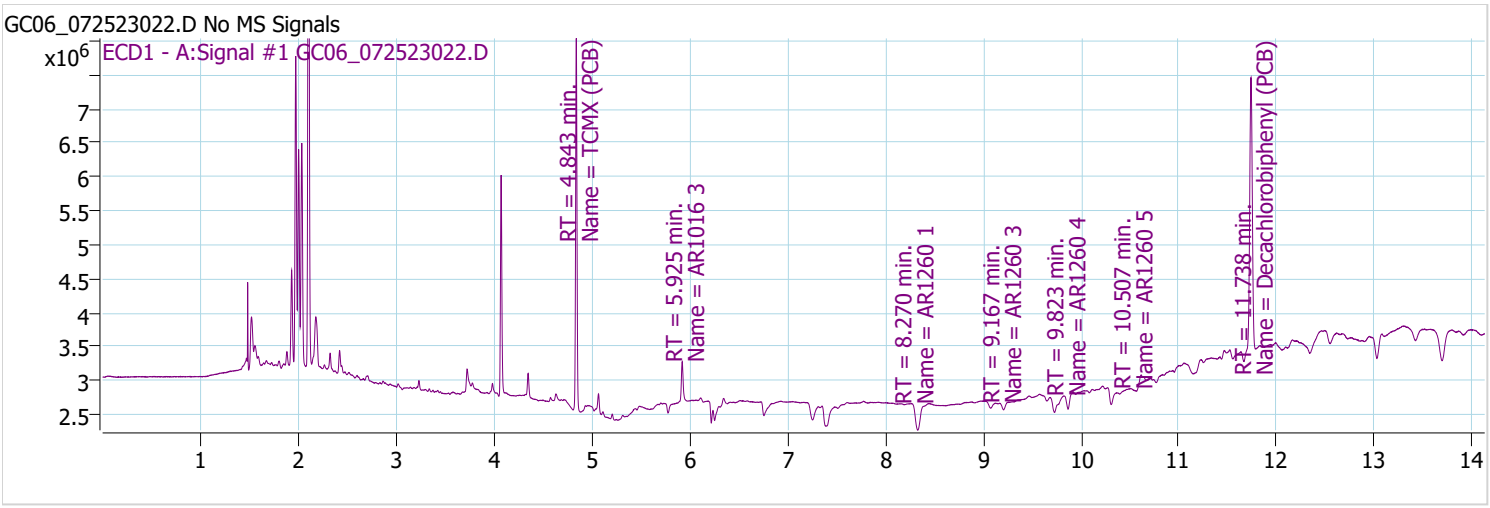
07/26/23 : WIPE/1DM^2.10ML

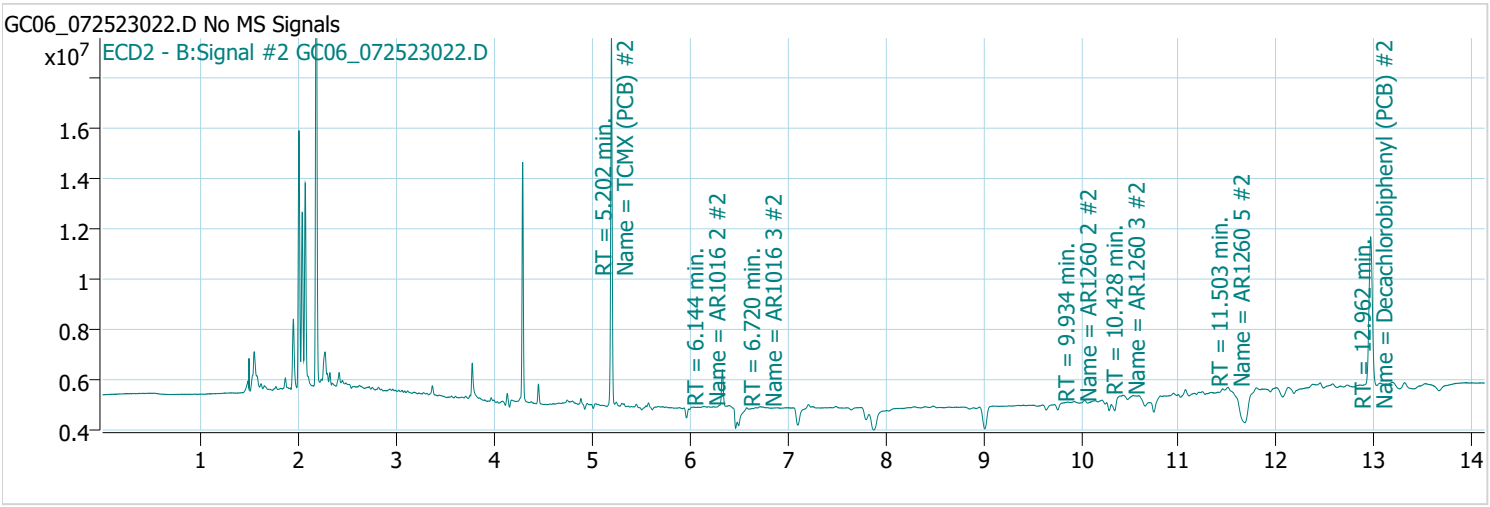
-=low bias c=CCV u=use x=false positive

Analyst: MES 07/26/23 **Reviewer:** MTS 07/27/23

Quantitation Results Report (Not Reviewed)

Data File	GC06_072523022.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	7/25/2023 8:32:53 PM
Sample Name	489010-009, 318888, 1	Instrument	SVOA-GC06
Vial	8	Multiplier	1.00
DA Method File	PCB_608_052323_GC06_36.m	Comment	WIPE/1DM^2.10ML
Tune File	ATUNE.U	Tune Date	
Batch Name	072523PCB.batch.bin	Last Calib Update	5/23/2023 1:46:10 PM
Ref Library			



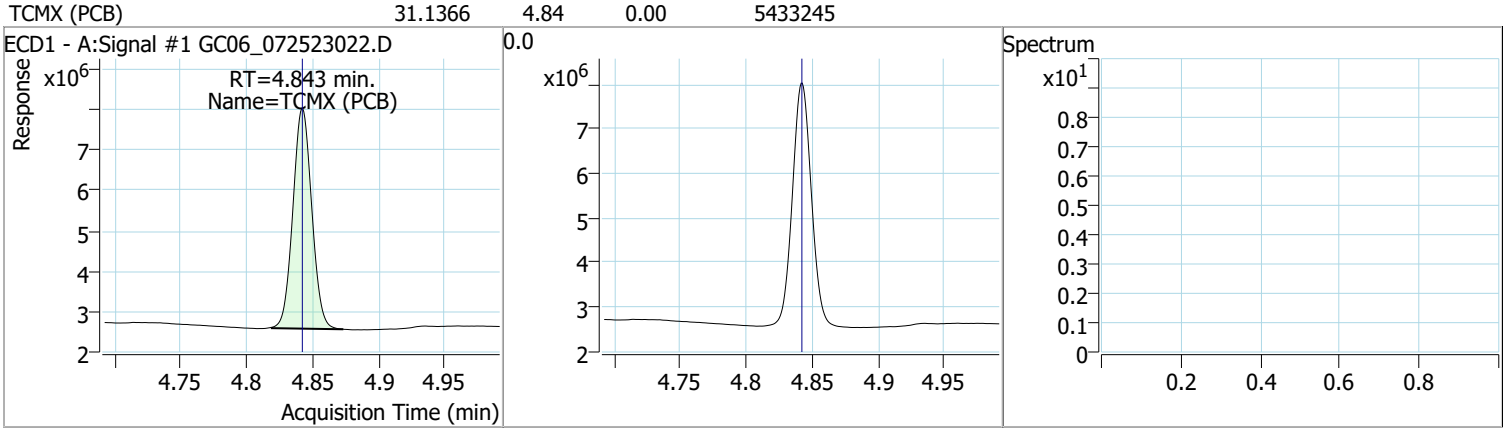


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1-bromo-2-nitrobenzene (PCB)	4.074	0.0	3274647.140	20.0000	ng/ml		-0.002
M 1-bromo-2-nitrobenzene (PCB) #2	4.294	0.0	9171196.909	20.0000	ng/ml		-0.001
System Monitoring Compounds							
S TCMX (PCB)	4.843	0.0	5433245.276	31.1366	ng/ml		-0.002
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 155.68%		*	
S TCMX (PCB) #2	5.202	0.0	15831523.138	32.5424	ng/ml		-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 162.71%		*	
S Decachlorobiphenyl (PCB)	11.738	0.0	8084590.426	36.9980	ng/ml		-0.007
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 184.99%		*	
S Decachlorobiphenyl (PCB) #2	12.962	0.0	14122388.810	29.1592	ng/ml		-0.005
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 145.80%			
Target Compounds							QValue

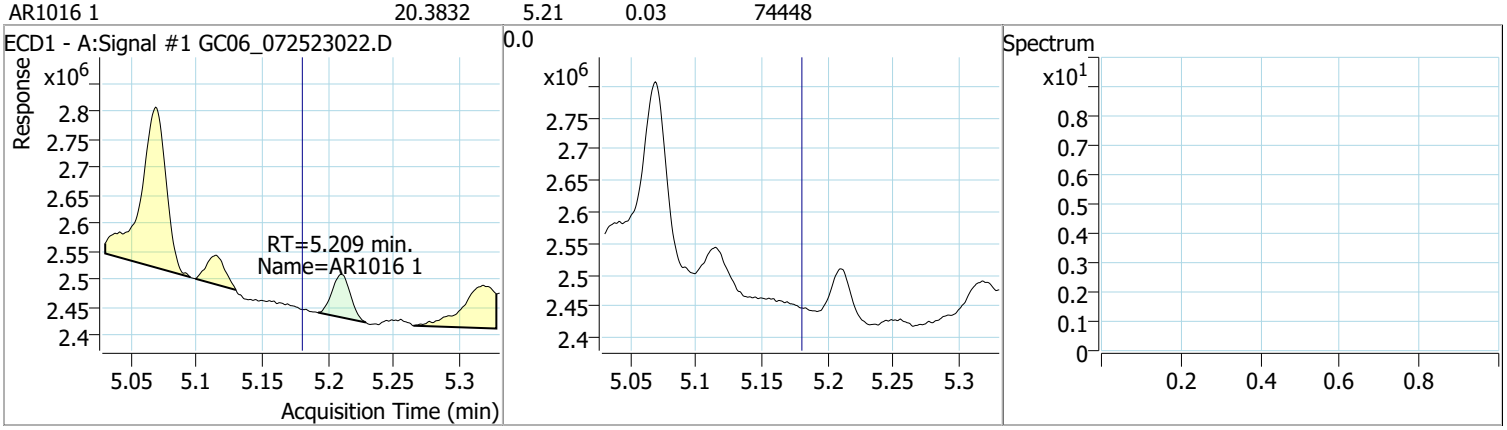
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T AR1016 1	5.209	0.0	74447.756	20.3832	ng/ml	100
T AR1016 2	5.487	0.0	696219.042	93.8921	ng/ml	100
T AR1016 1 #2	5.681	0.0	680690.754	71.2568	ng/ml	100
T AR1016 3	5.925	0.0	865665.228	91.3378	ng/ml	100
T AR1016 2 #2	6.144	0.0	2822358.962	131.5261	ng/ml	100
T AR1016 4	6.111	0.0	1190674.287	208.4329	ng/ml	100
T AR1016 5	6.239	0.0	180357.597	41.2817	ng/ml	100
T AR1016 3 #2	6.720	0.0	3700319.791	143.3072	ng/ml	100
T AR1016 4 #2	6.792	0.0	57116.584	3.0734	ng/ml	100
T AR1016 5 #2	6.901	0.0	37917.944	3.8250	ng/ml	100
T AR1260 1	8.270	0.0	1932306.501	178.4390	ng/ml	100
T AR1260 2	8.746	0.0	11803.327	0.7140	ng/ml	100
T AR1260 3	9.167	0.0	59174.817	3.3500	ng/ml	100
T AR1260 1 #2	9.604	0.0	457200.097	17.6767	ng/ml	100
T AR1260 4	9.823	0.0	1020116.615	105.9990	ng/ml	100
T AR1260 2 #2	9.934	0.0	1586213.919	54.3935	ng/ml	100
T AR1260 3 #2	10.428	0.0	2127704.741	57.0150	ng/ml	100
T AR1260 5	10.507	0.0	249265.794	16.3807	ng/ml	100
T AR1260 4 #2	10.695	0.0	882030.729	40.4648	ng/ml	100
T AR1260 5 #2	11.503	0.0	2278067.069	72.1035	ng/ml	100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

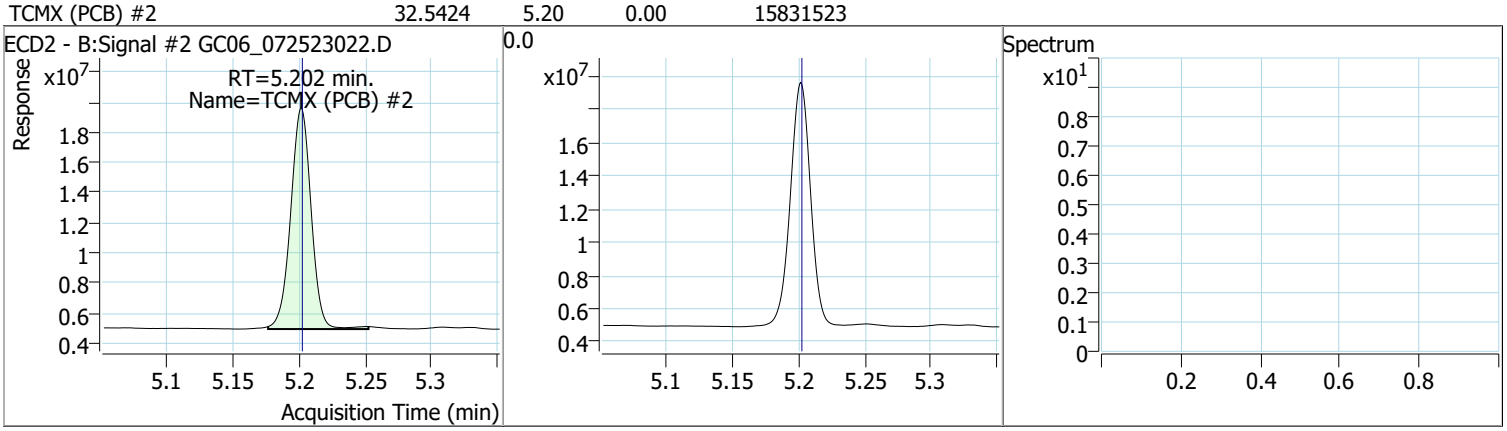
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	31.1366	4.84	0.00	5433245				



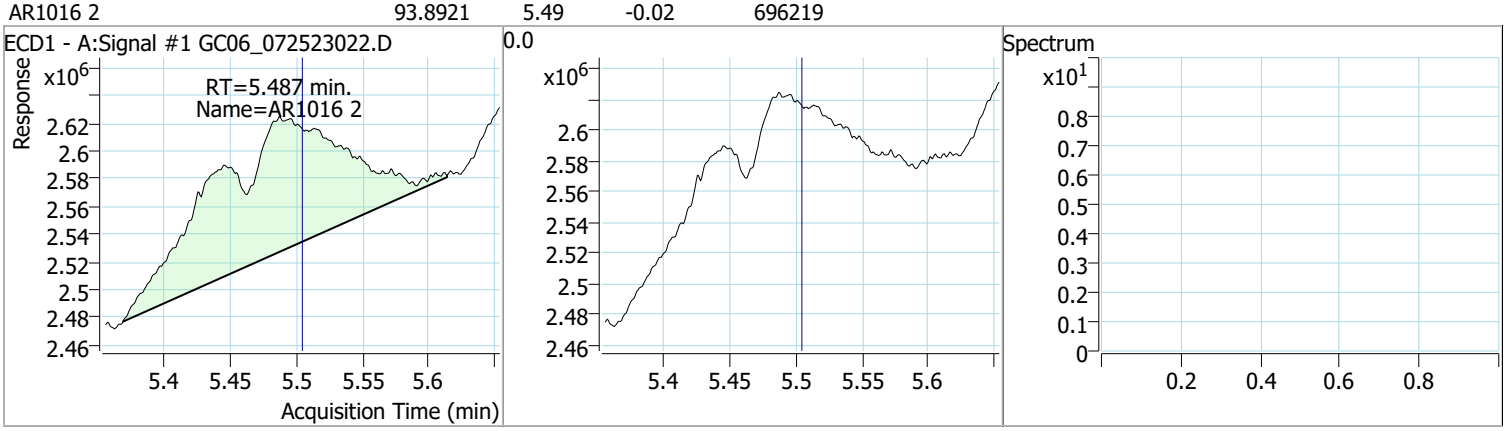
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	20.3832	5.21	0.03	74448				



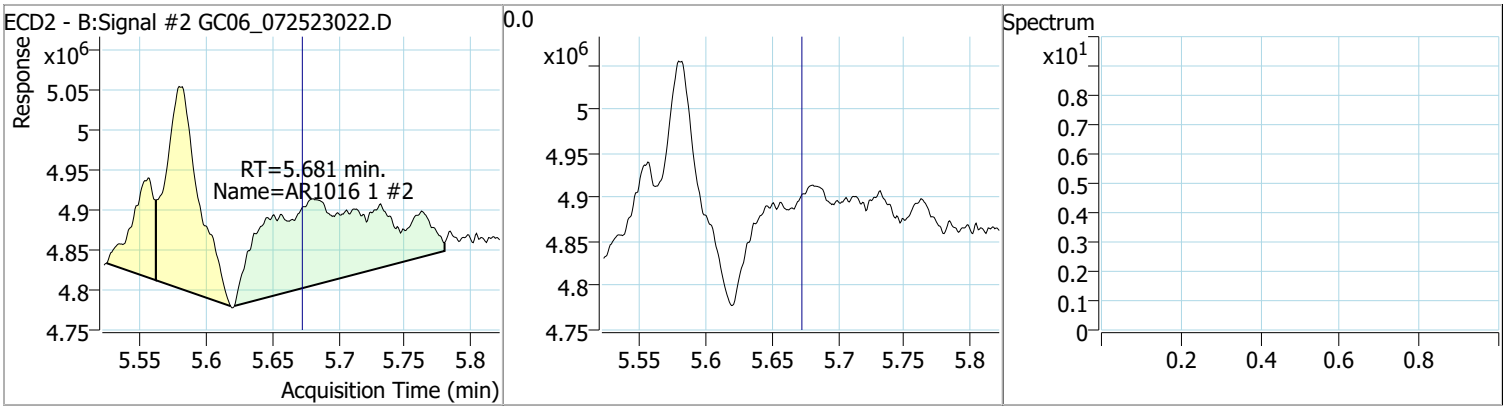
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB) #2	32.5424	5.20	0.00	15831523				



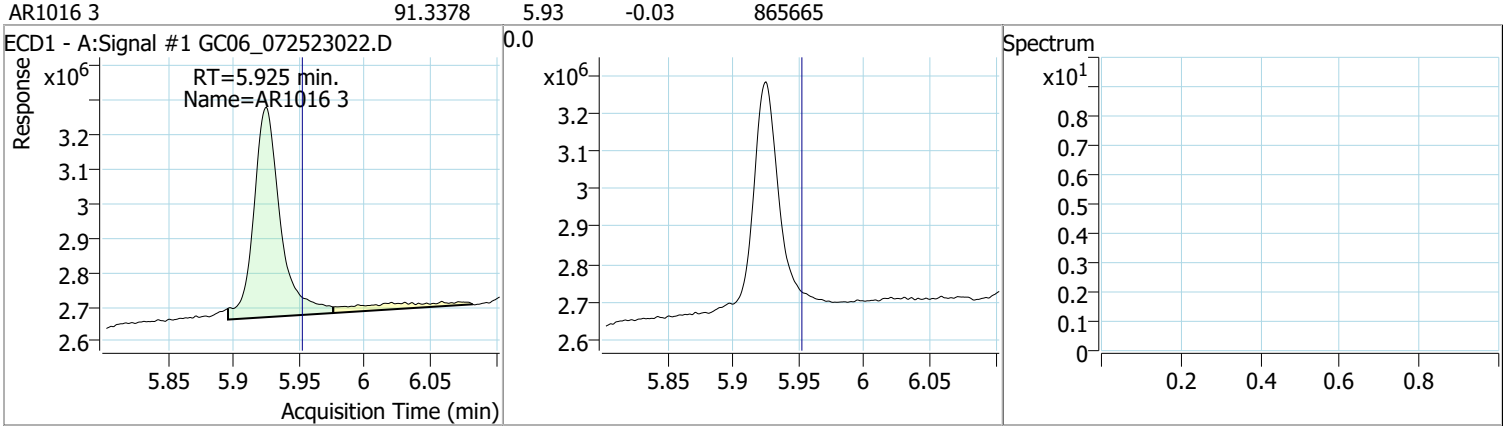
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	93.8921	5.49	-0.02	696219				



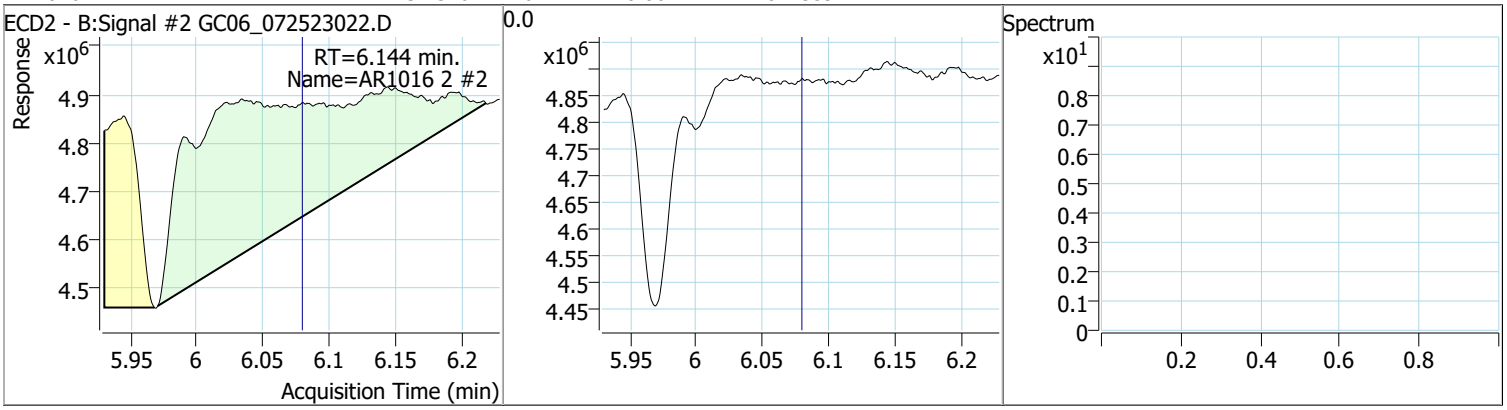
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1 #2	71.2568	5.68	0.01	680691				



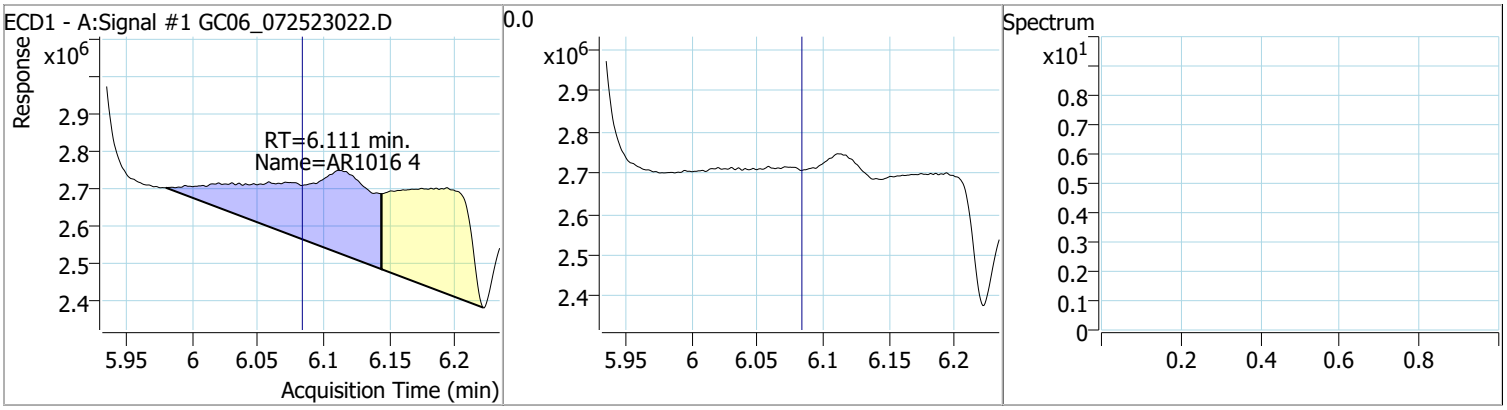
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	91.3378	5.93	-0.03	865665				



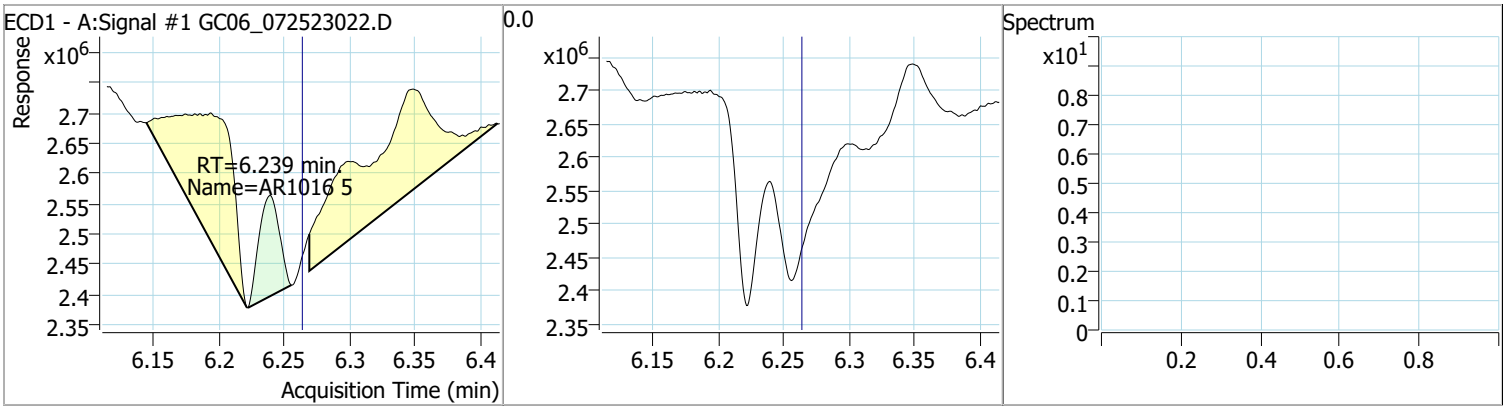
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	131.5261	6.14	0.06	2822359				



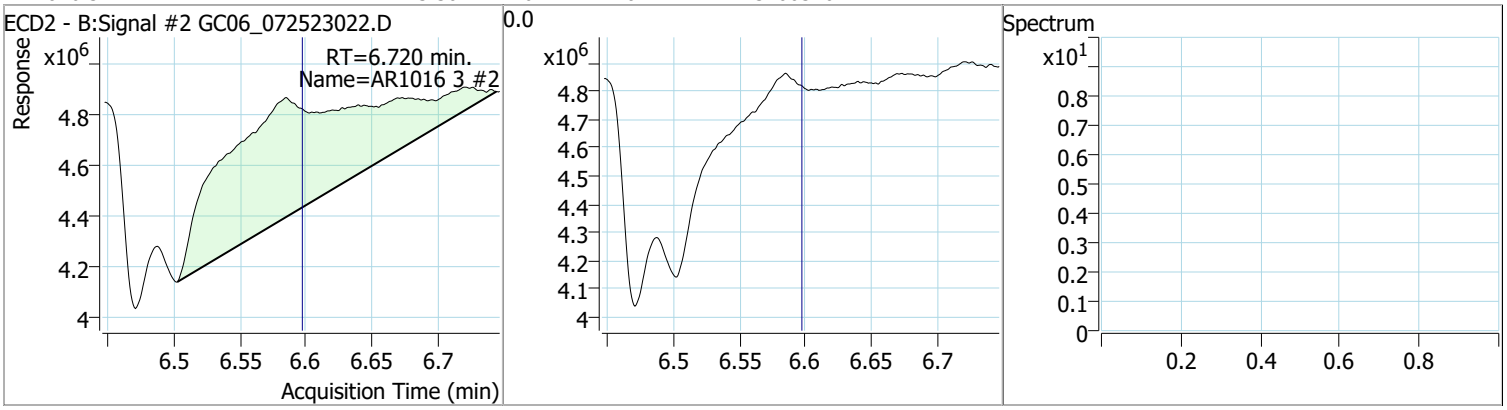
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4	208.4329	6.11	0.02	1190674				



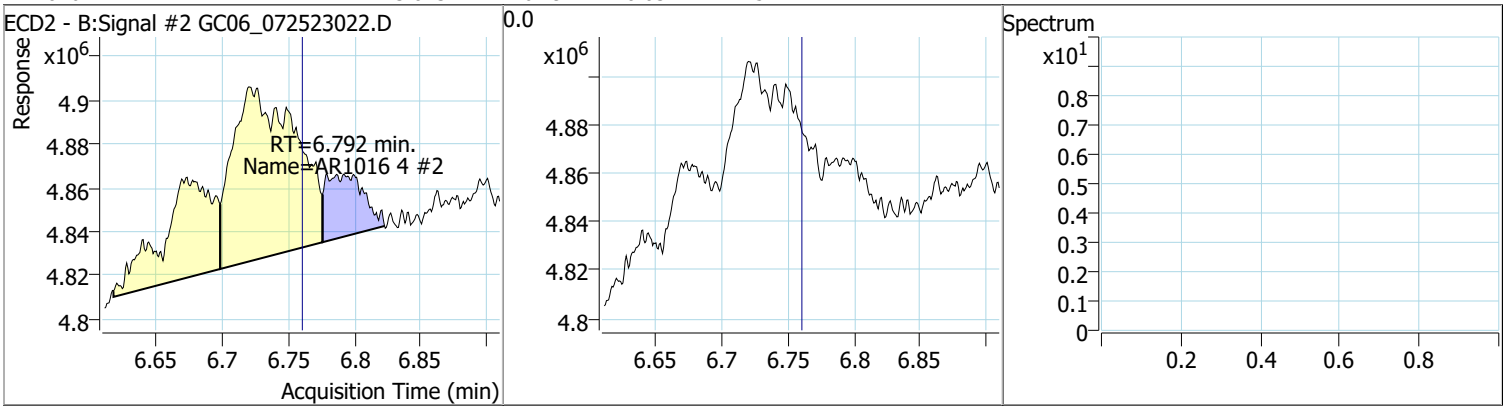
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	41.2817	6.24	-0.03	180358				



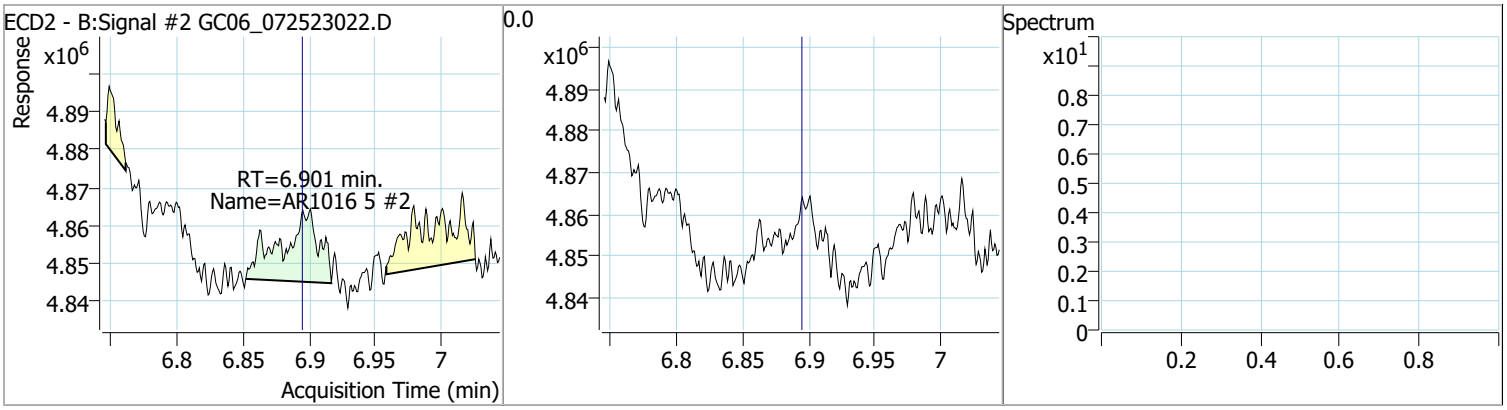
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	143.3072	6.72	0.12	3700320				



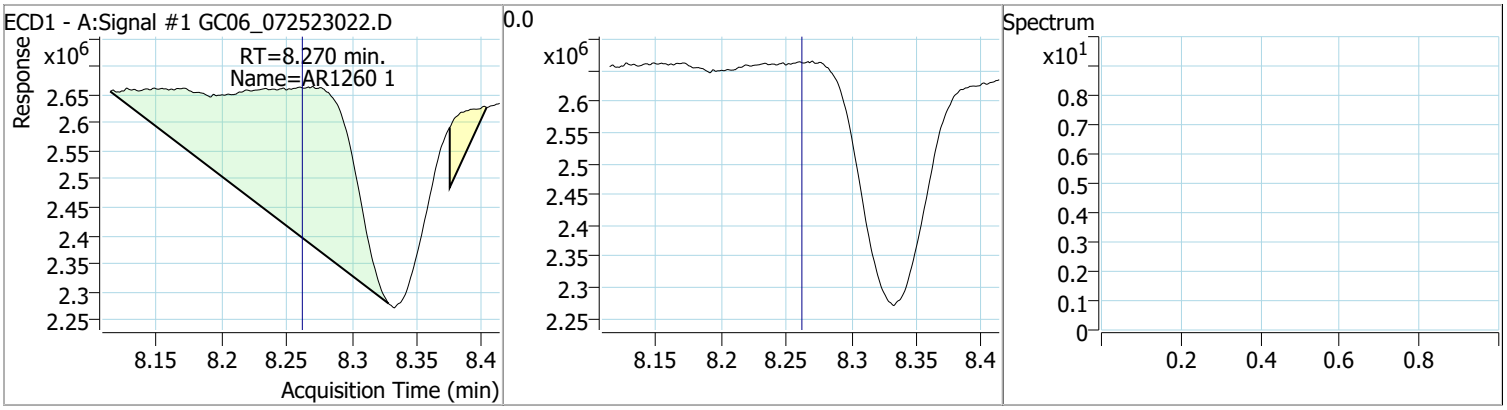
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4 #2	3.0734	6.79	0.03	57117				



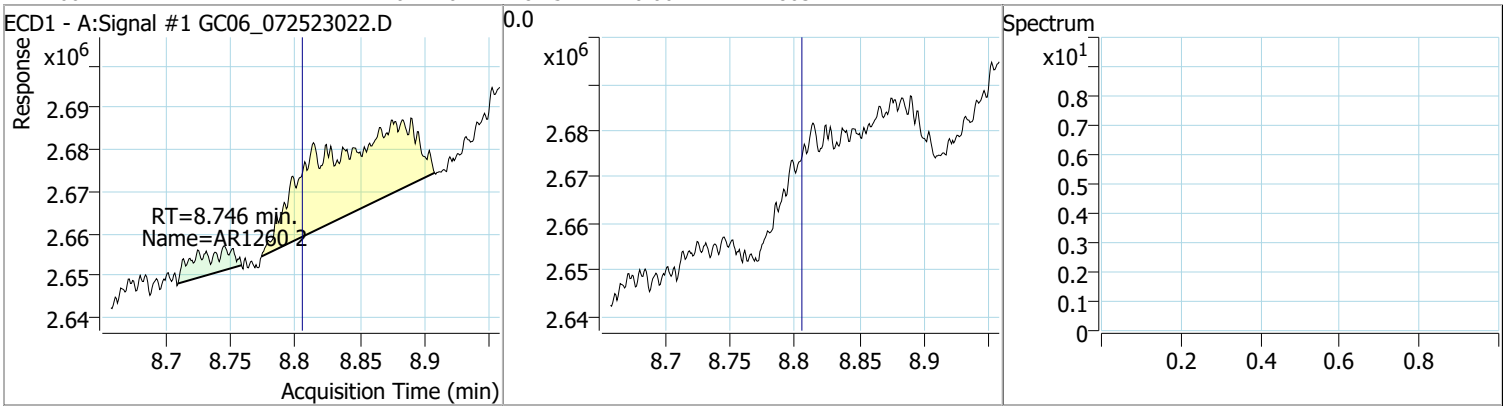
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	3.8250	6.90	0.01	37918				



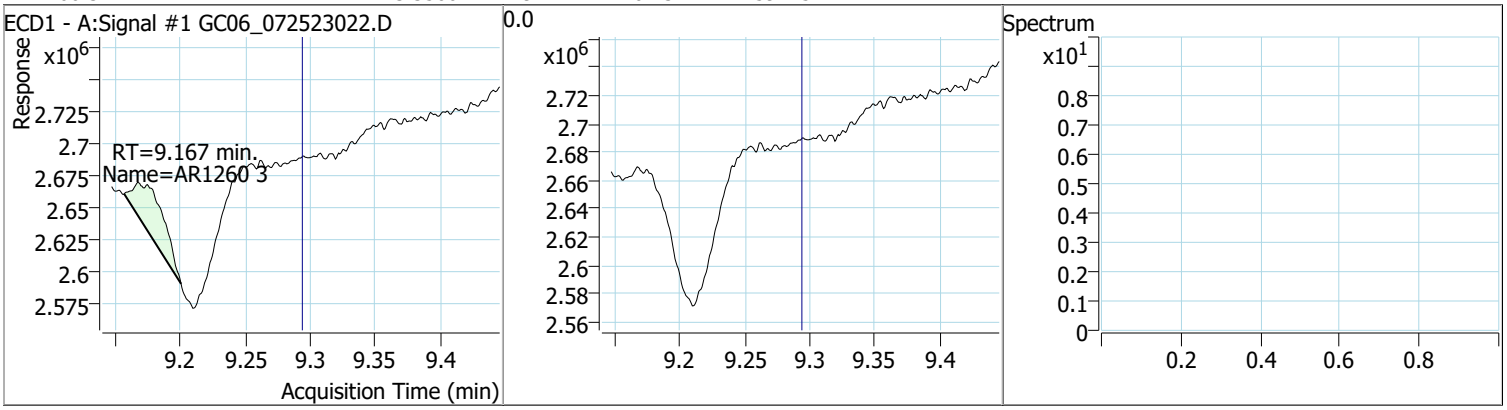
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	178.4390	8.27	0.00	1932307				



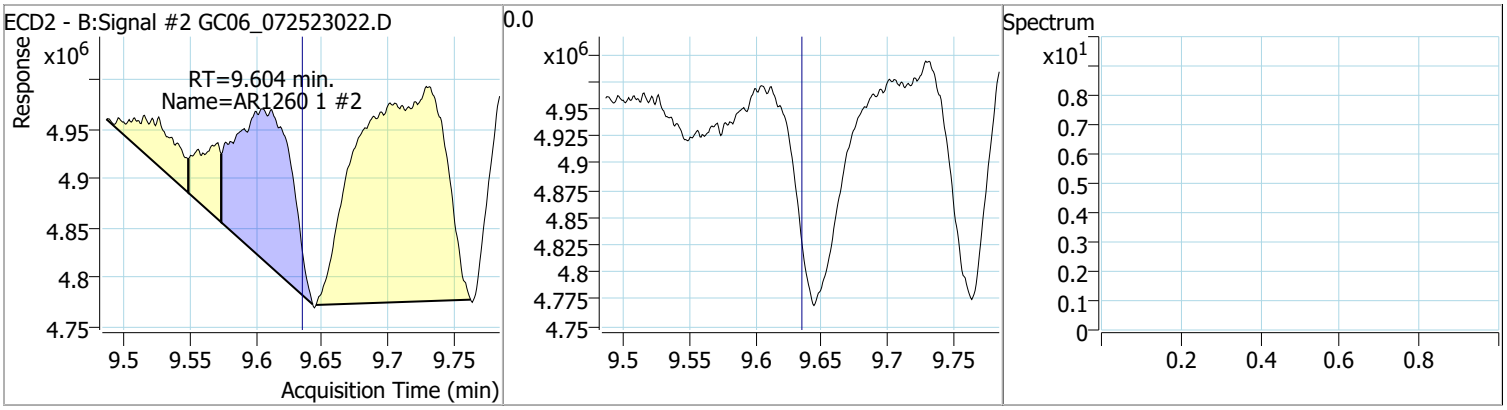
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	0.7140	8.75	-0.06	11803				



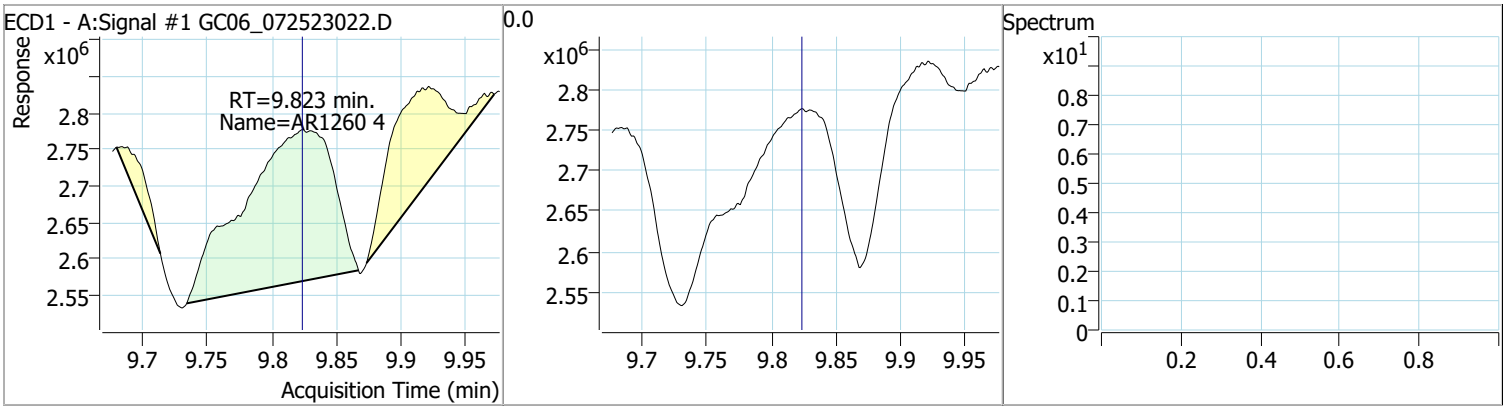
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3	3.3500	9.17	-0.13	59175				



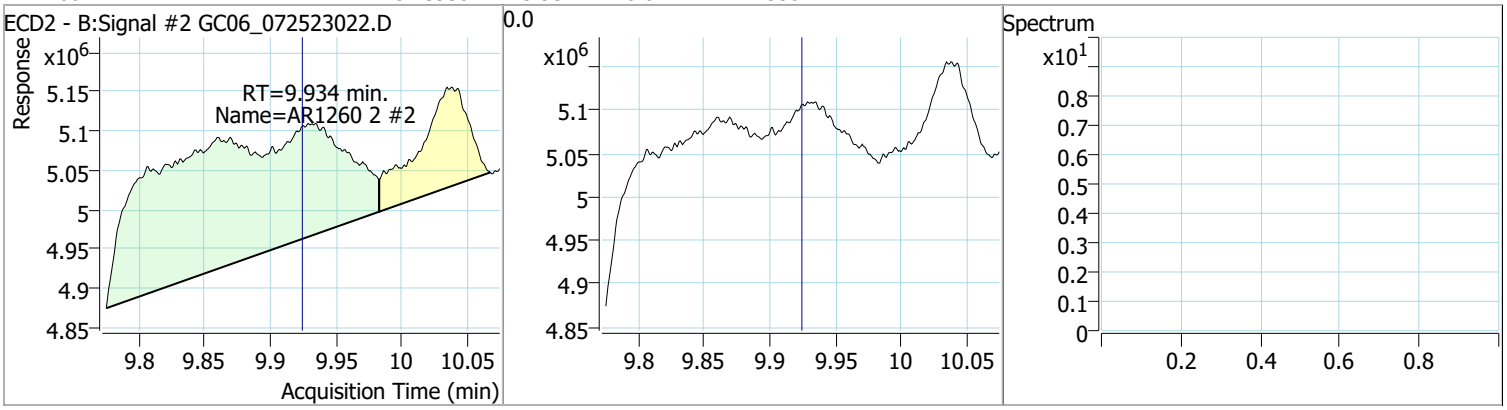
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1 #2	17.6767	9.60	-0.03	457200				



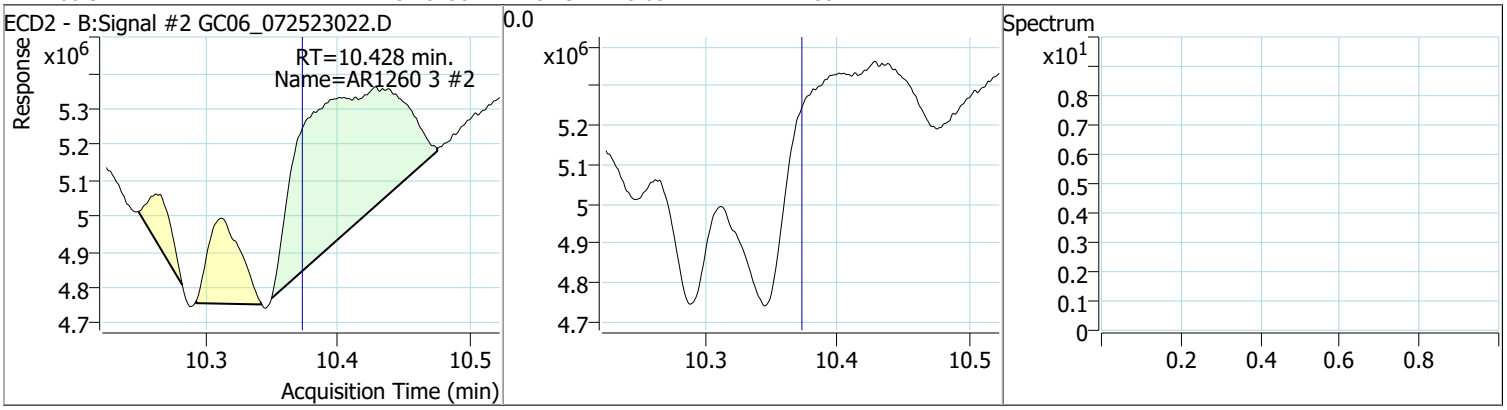
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4	105.9990	9.82	0.00	1020117				



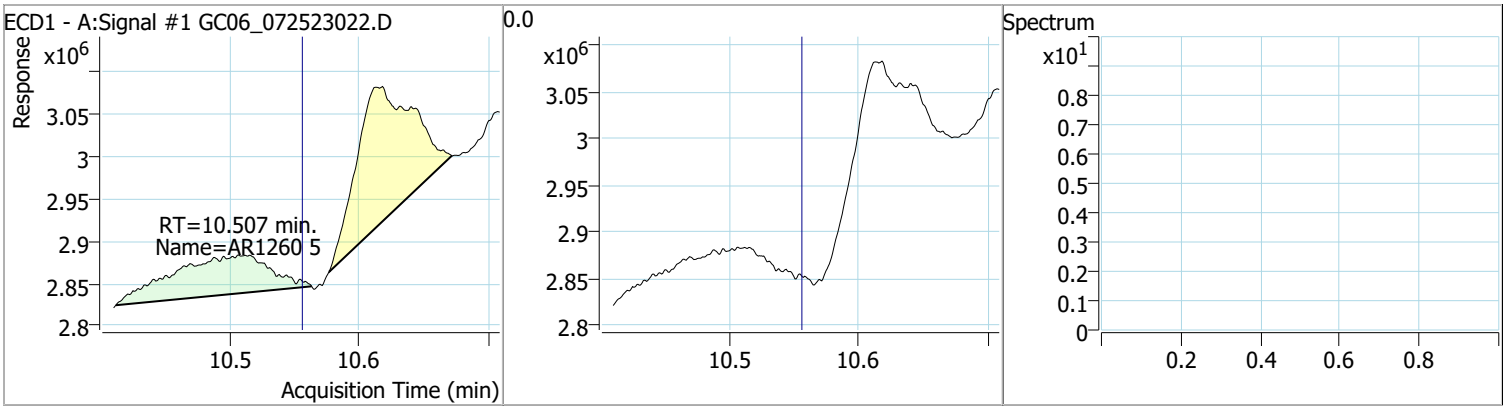
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	54.3935	9.93	0.01	1586214				



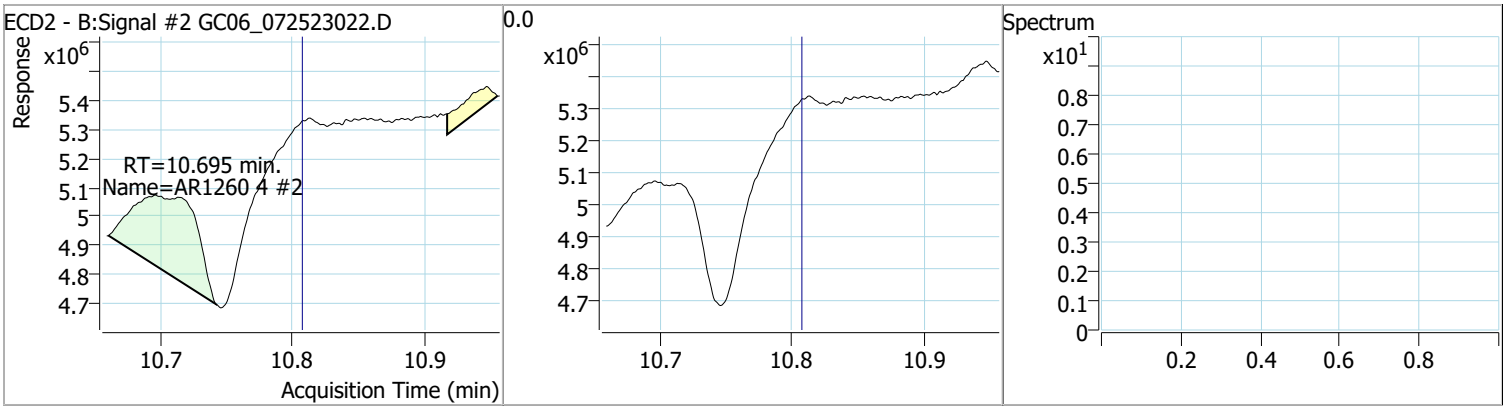
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3 #2	57.0150	10.43	0.05	2127705				



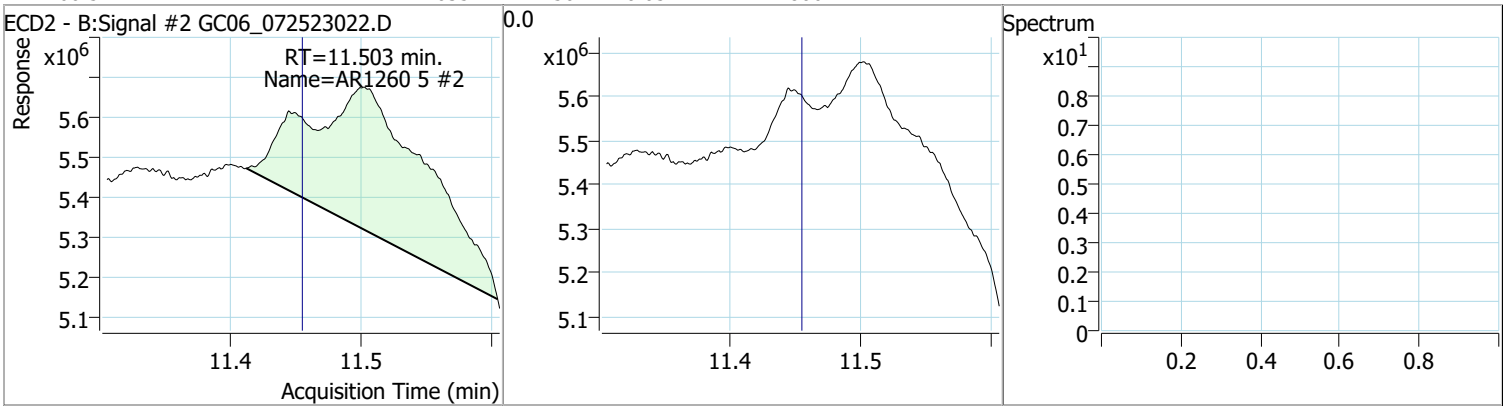
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	16.3807	10.51	-0.05	249266				



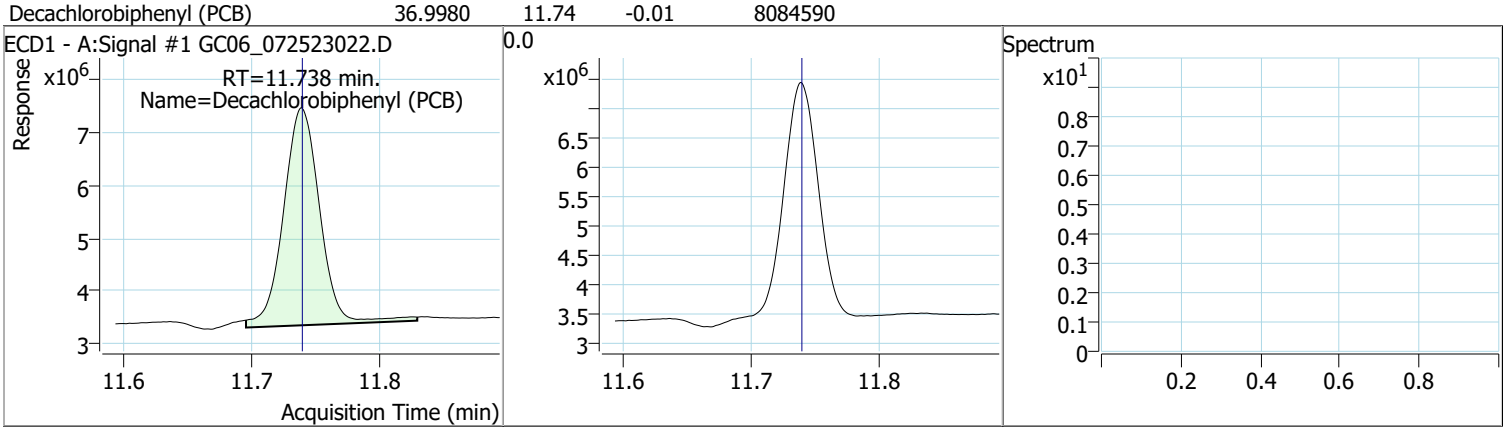
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	40.4648	10.70	-0.11	882031				



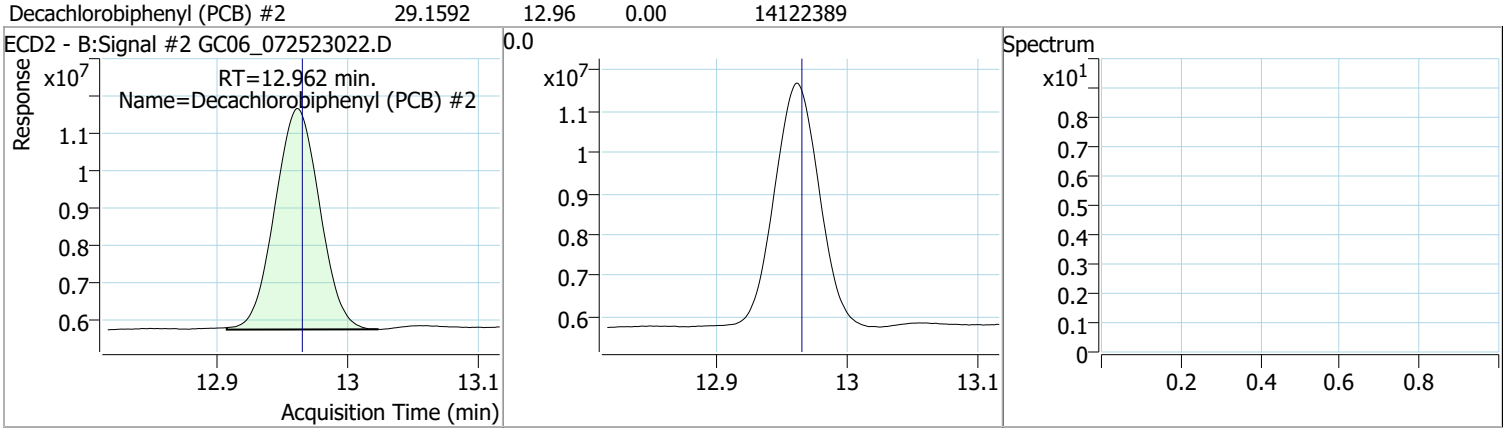
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	72.1035	11.50	0.05	2278067				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	36.9980	11.74	-0.01	8084590				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	29.1592	12.96	0.00	14122389				



ENTHALPY SAMPLE USER REPORT FOR EPA 8082

Inst:	SVOA-GC06	Lab ID:	489010-012	Client ID:	AFRAME-C7W-LAT-L3-UP-C7.1-DG-230724-P-LA
Seqnum:	453297295023	Matrix:	Wipe	Acct:	RINCON-BERK (JG)
File:	gc06_072523023	Batch:	318888	Time:	25-JUL-2023 20:51
Cal:	453205686001	Caldate:	22-MAY-2023		
IDF:	1.0	Raw Units:	ug/L	Units:	ug/dm2

- 1.00 dm2 ⇨ 10.0 ml = 10.0 ml/dm2 PDF

Analyte	Ch	Raw	Result	Conf	RPD	RL	Blank	Flags
Aroclor-1016	B	42.11	ND	0.88	71%	0.50		u
Aroclor-1016 Peak # 1	B	59.36	0.59	0.08	150%			
Aroclor-1016 Peak # 2	B	125.0	1.25	1.01	21%			
Aroclor-1016 Peak # 3	B	7.743	0.08	0.86	167%			
Aroclor-1016 Peak # 4	B	14.86	0.15	2.03	173%			
Aroclor-1016 Peak # 5	B	3.534	0.04	0.41	168%			
Aroclor-1221	B		ND			0.50		u
Aroclor-1232	B		ND			0.50		u
Aroclor-1242	B		ND			0.50		u
Aroclor-1248	B		ND			0.50		u
Aroclor-1254	B		ND			0.50		u
Aroclor-1260	B	39.16	ND	0.62	46%	0.50		u
Aroclor-1260 Peak # 1	B	20.73	0.21	1.76	158%			
Aroclor-1260 Peak # 2	B	61.19	0.61	0.03	184%			
Aroclor-1260 Peak # 3	B	61.26	0.61	0.03	178%			
Aroclor-1260 Peak # 4	B	42.87	0.43	1.19	94%			
Aroclor-1260 Peak # 5	B	9.742	0.10	0.11	12%			
Aroclor-1262	B		ND			0.50		u
Aroclor-1268	B		ND			0.50		u

Surrogate	Ch	Raw	Spiked	Result	%Rec	Limits	Flags
TCMX (PCB)	B	32.43	0.5000	0.3243	65	19-121	c- u
Decachlorobiphenyl (PCB)	B	27.95	0.5000	0.2795	56	19-121	u

NO INTERNAL STANDARD REFERENCE RUN FOUND FOR CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV(internal standard: 1BR2NITROBZ1268, 1BR2NITROBZ1262, 1BR2NITROBZ1232, 1BR2NITROBZ1248, 1BR2NITROBZ1242, 1BR2NITROBZ1221, 1BR2NITROBZ1254)

ISTD (CCV gc06_072523006)	Ch	CCV Abund	SAMPLE Abund	%Drift
1-bromo-2-nitrobenzene (PCB)	B	8843280	9571285	8.23
1-bromo-2-nitrobenzene (PCB)	A	3794782	3444239	-9.24

NO INTERNAL STANDARD REFERENCE RUN FOUND FOR CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV(internal standard: 1BR2NITROBZ1268, 1BR2NITROBZ1262, 1BR2NITROBZ1232, 1BR2NITROBZ1248, 1BR2NITROBZ1242, 1BR2NITROBZ1221, 1BR2NITROBZ1254)

ISTD (CCV gc06_072523006)	Ch	CCV RT	SAMPLE RT	Drift
1-bromo-2-nitrobenzene (PCB)	B	4.29	4.29	0.00
1-bromo-2-nitrobenzene (PCB)	A	4.09	4.07	-0.02

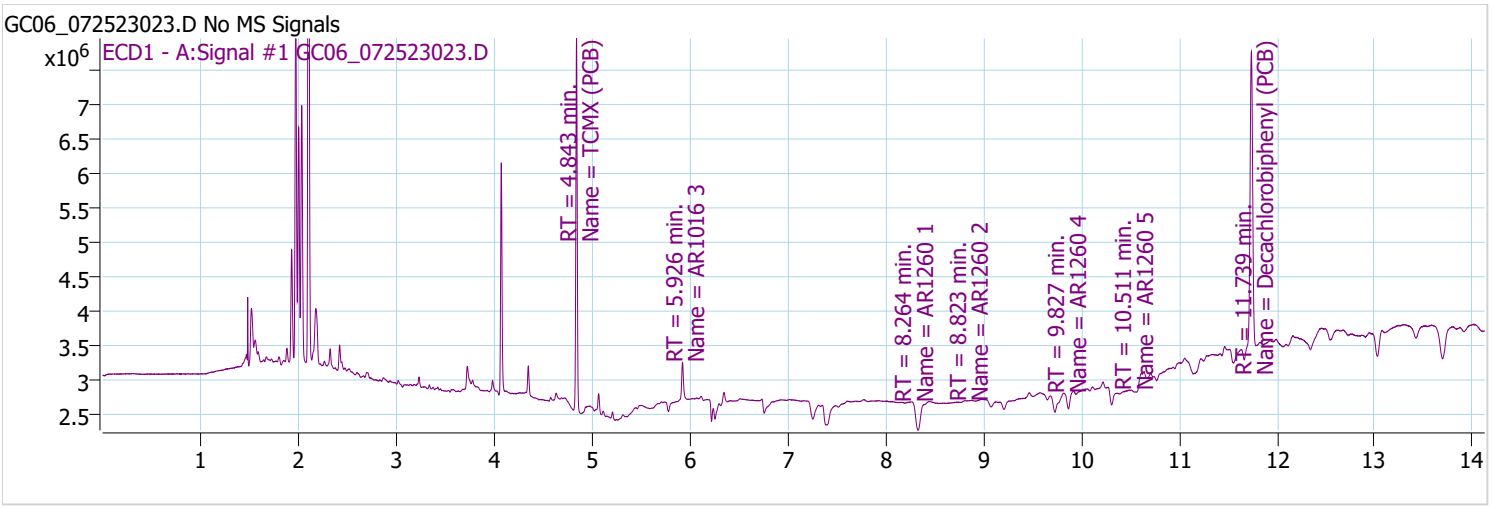
07/26/23 : WIPE/1DM^2.10ML

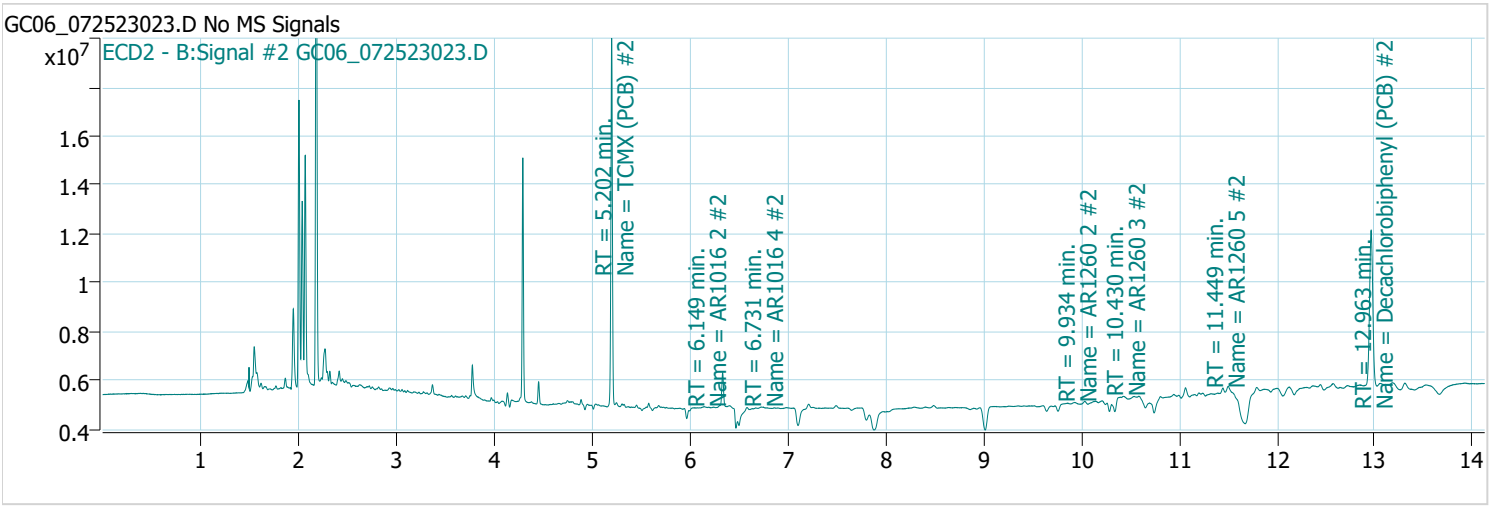
-=low bias c=CCV u=use

Analyst: MES 07/26/23 **Reviewer:** MTS 07/27/23

Quantitation Results Report (Not Reviewed)

Data File	GC06_072523023.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	7/25/2023 8:51:09 PM
Sample Name	489010-012, 318888, 1	Instrument	SVOA-GC06
Vial	9	Multiplier	1.00
DA Method File	PCB_608_052323_GC06_36.m	Comment	WIPE/1DM^2.10ML
Tune File	ATUNE.U	Tune Date	
Batch Name	072523PCB.batch.bin	Last Calib Update	5/23/2023 1:46:10 PM
Ref Library			



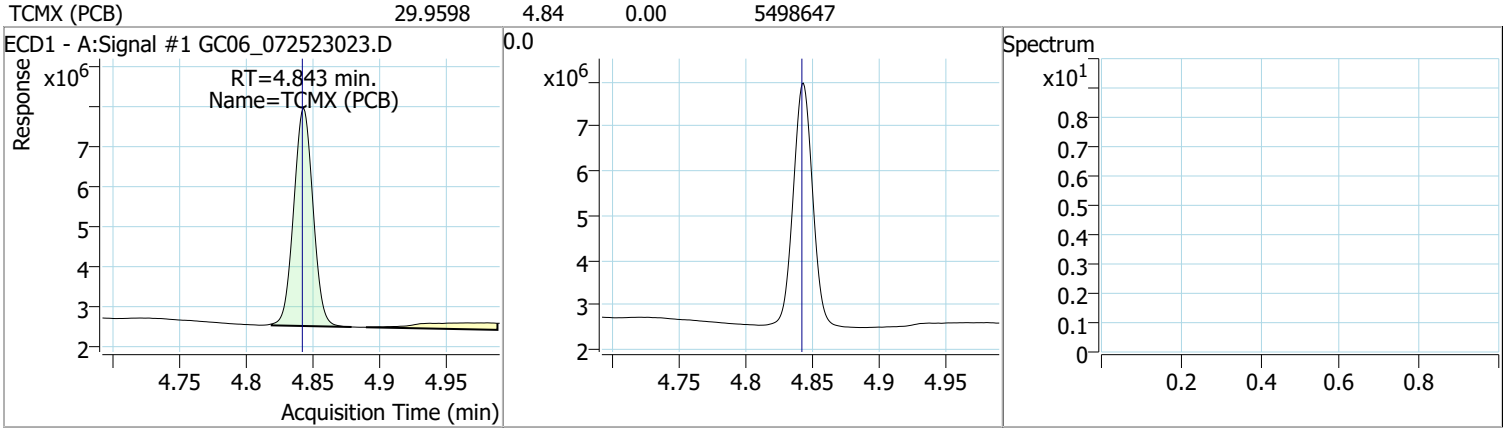


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1-bromo-2-nitrobenzene (PCB)	4.074	0.0	3444239.331	20.0000	ng/ml		-0.002
M 1-bromo-2-nitrobenzene (PCB) #2	4.294	0.0	9571285.312	20.0000	ng/ml		-0.001
System Monitoring Compounds							
S TCMX (PCB)	4.843	0.0	5498646.913	29.9598	ng/ml		-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 149.80%			
S TCMX (PCB) #2	5.202	0.0	16463009.626	32.4259	ng/ml		-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 162.13%		*	
S Decachlorobiphenyl (PCB)	11.739	0.0	8648327.021	37.6291	ng/ml		-0.006
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 188.15%		*	
S Decachlorobiphenyl (PCB) #2	12.963	0.0	14128978.667	27.9533	ng/ml		-0.004
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 139.77%			
Target Compounds							QValue

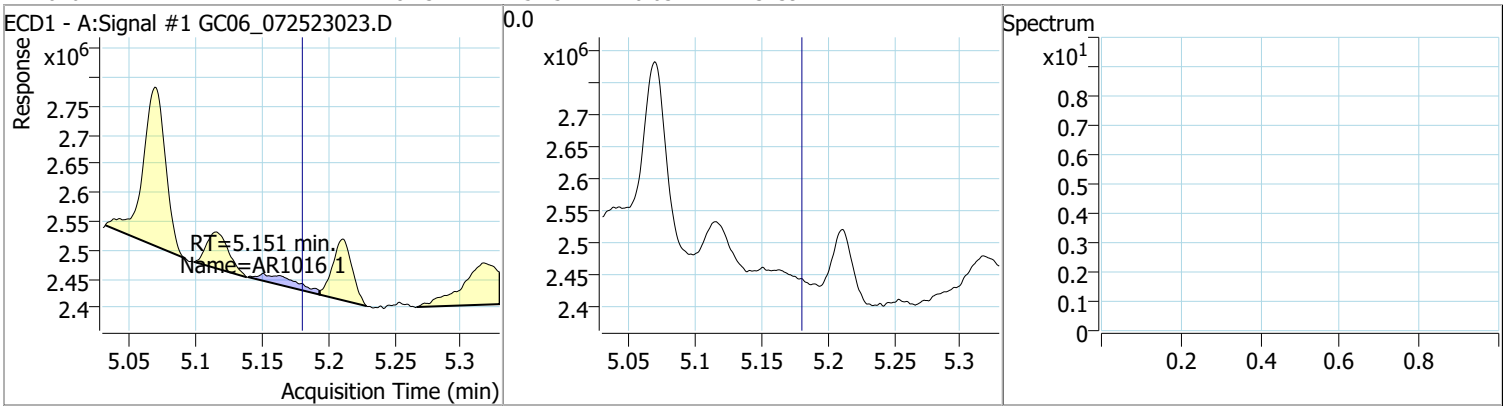
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T AR1016 1	5.151	0.0	32392.347	8.4321	ng/ml	100
T AR1016 2	5.491	0.0	788235.024	101.0672	ng/ml	100
T AR1016 1 #2	5.684	0.0	591820.280	59.3639	ng/ml	100
T AR1016 3	5.926	0.0	856896.066	85.9607	ng/ml	100
T AR1016 2 #2	6.149	0.0	2800396.220	125.0475	ng/ml	100
T AR1016 4	6.115	0.0	1222290.612	203.4319	ng/ml	100
T AR1016 5	6.239	0.0	189498.109	41.2382	ng/ml	100
T AR1016 3 #2	6.488	0.0	208663.394	7.7434	ng/ml	100
T AR1016 4 #2	6.731	0.0	288300.504	14.8646	ng/ml	100
T AR1016 5 #2	6.898	0.0	36566.378	3.5345	ng/ml	100
T AR1260 1	8.264	0.0	2008078.741	176.3054	ng/ml	100
T AR1260 2	8.823	0.0	44720.987	2.5720	ng/ml	100
T AR1260 3	9.171	0.0	64921.121	3.4943	ng/ml	100
T AR1260 1 #2	9.610	0.0	559467.542	20.7265	ng/ml	100
T AR1260 4	9.827	0.0	1202662.606	118.8138	ng/ml	100
T AR1260 2 #2	9.934	0.0	1862235.144	61.1893	ng/ml	100
T AR1260 3 #2	10.430	0.0	2385851.911	61.2600	ng/ml	100
T AR1260 5	10.511	0.0	176177.636	11.0076	ng/ml	100
T AR1260 4 #2	10.698	0.0	975209.591	42.8694	ng/ml	100
T AR1260 5 #2	11.449	0.0	321230.828	9.7423	ng/ml	100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

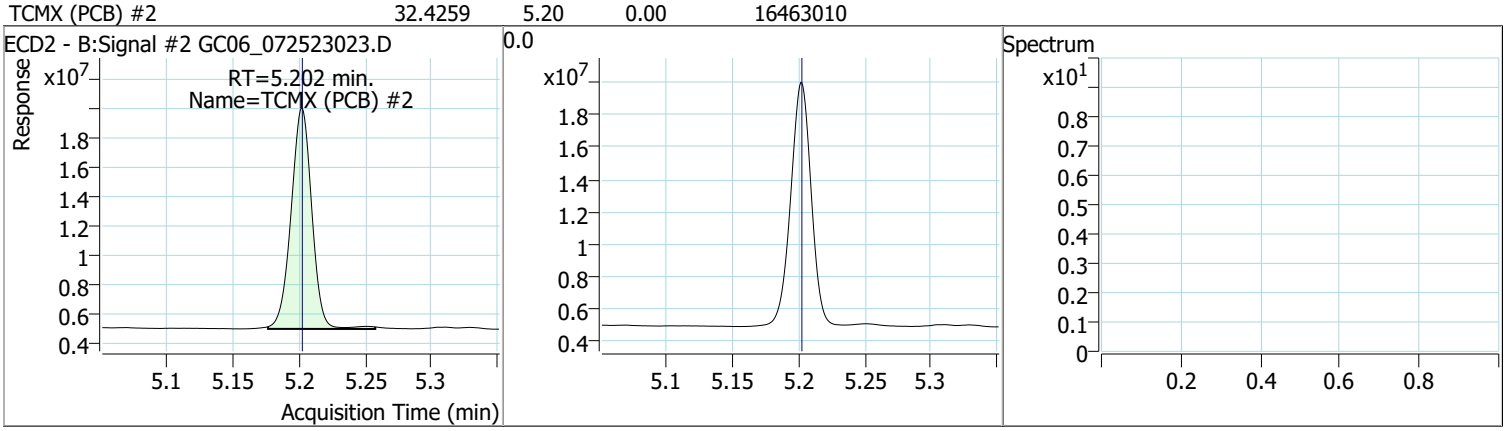
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	29.9598	4.84	0.00	5498647				



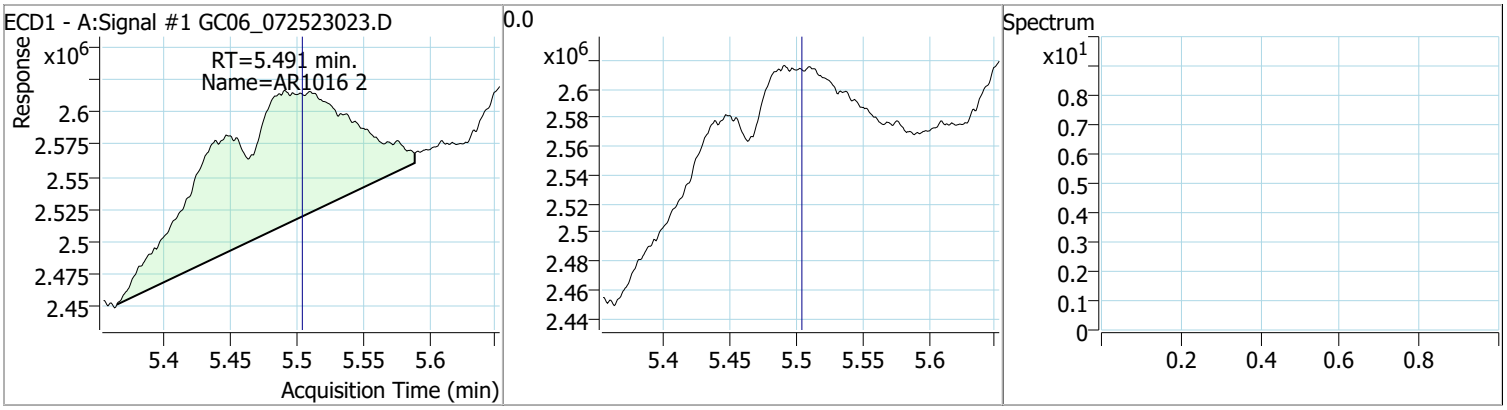
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	8.4321	5.15	-0.03	32392				



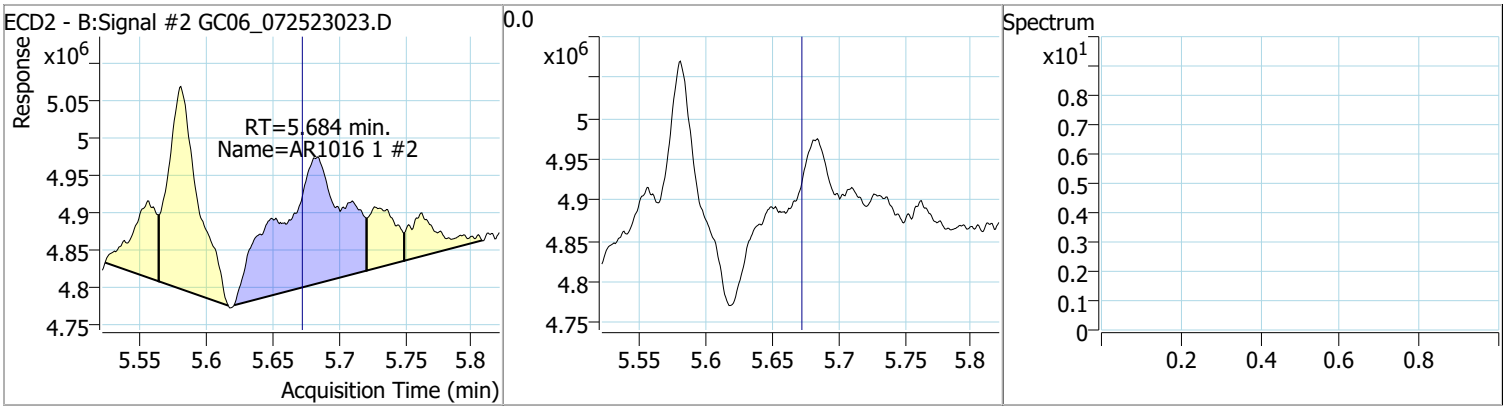
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB) #2	32.4259	5.20	0.00	16463010				



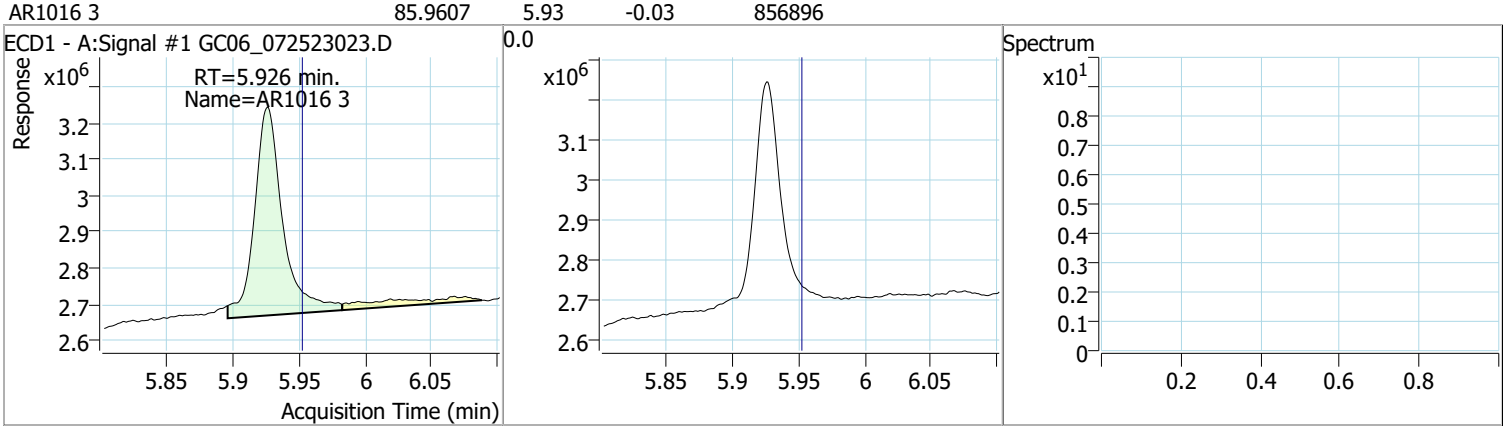
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	101.0672	5.49	-0.02	788235				



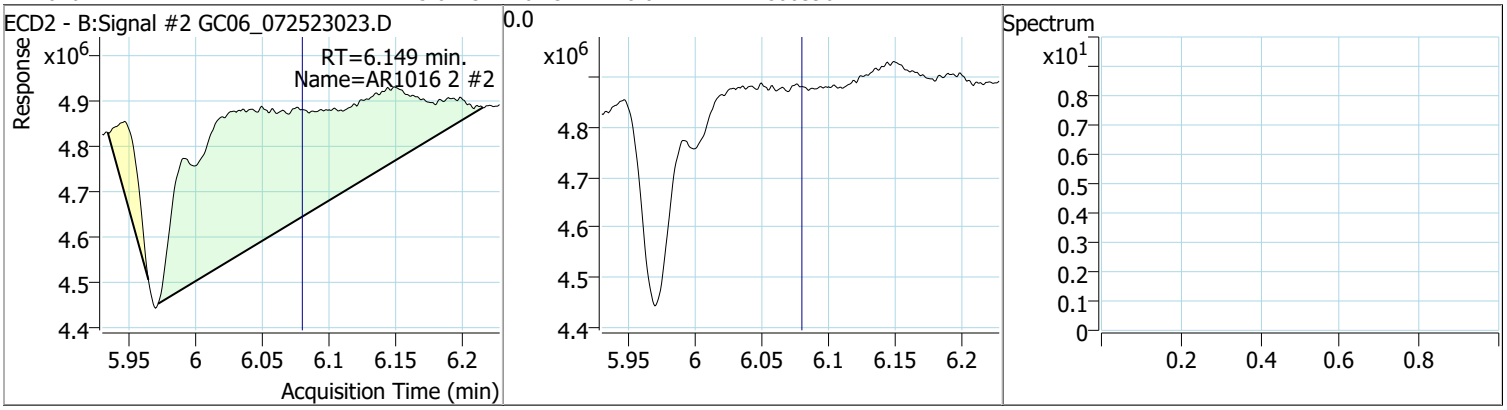
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1 #2	59.3639	5.68	0.01	591820				



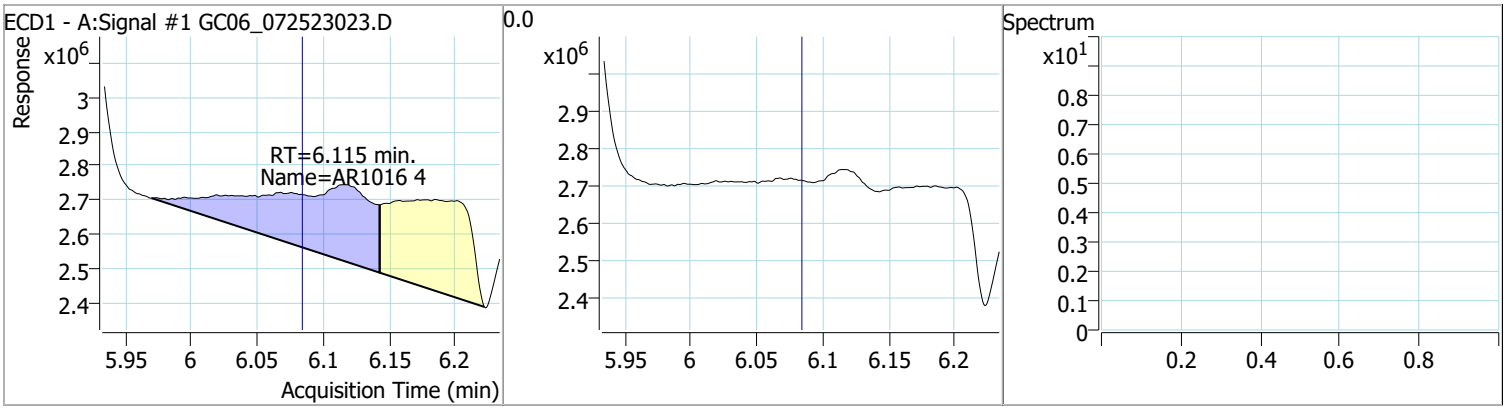
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	85.9607	5.93	-0.03	856896				



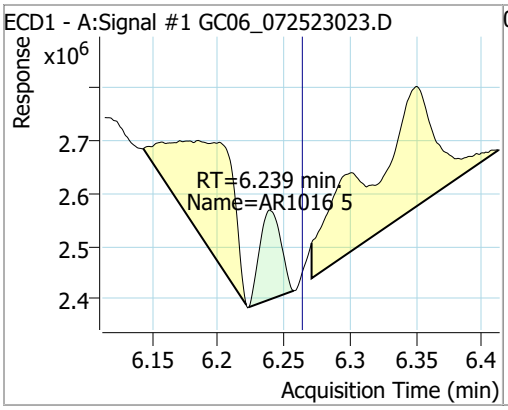
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	125.0475	6.15	0.07	2800396				

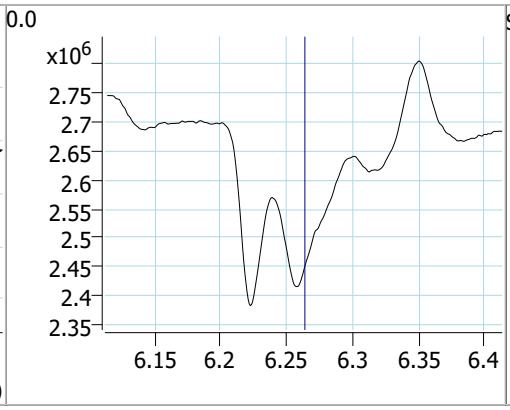


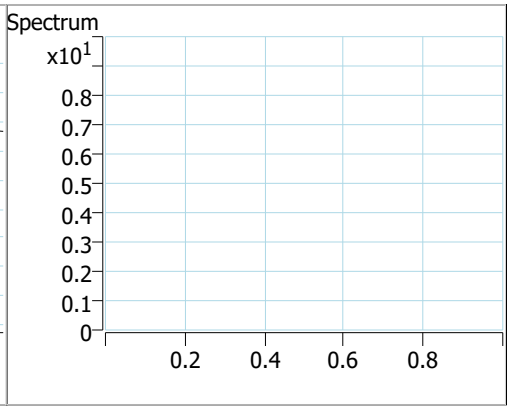
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4	203.4319	6.12	0.03	1222291				



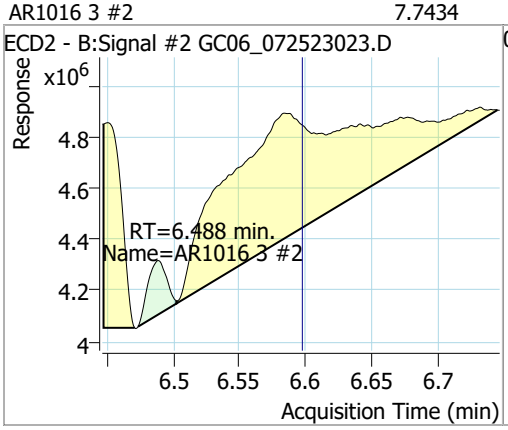
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	41.2382	6.24	-0.03	189498				

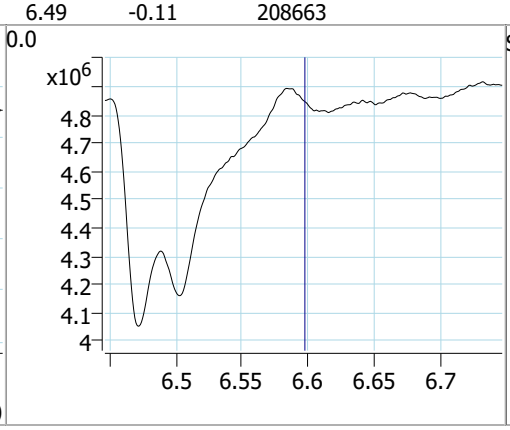


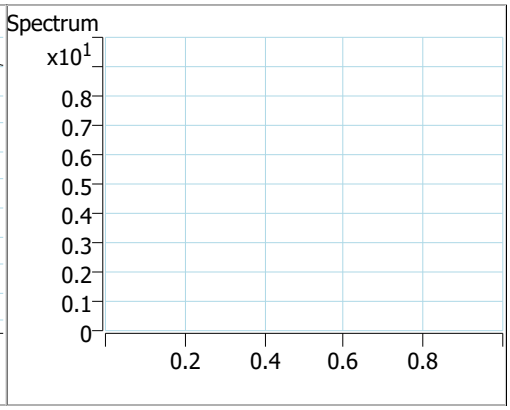




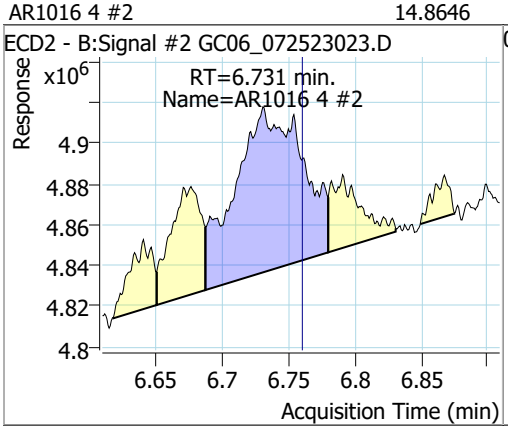
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	7.7434	6.49	-0.11	208663				

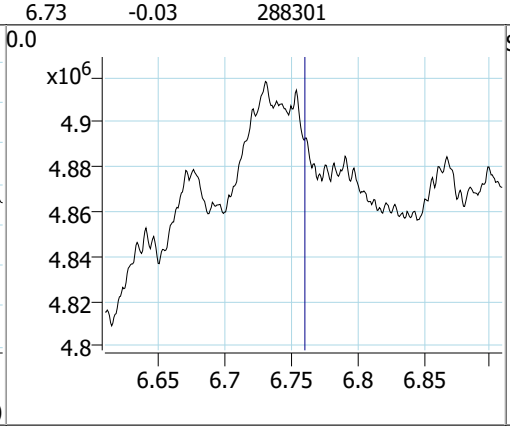


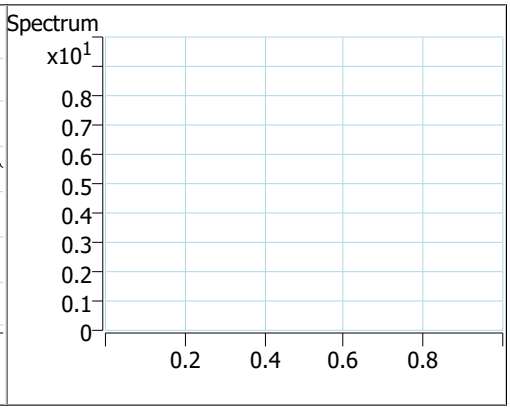




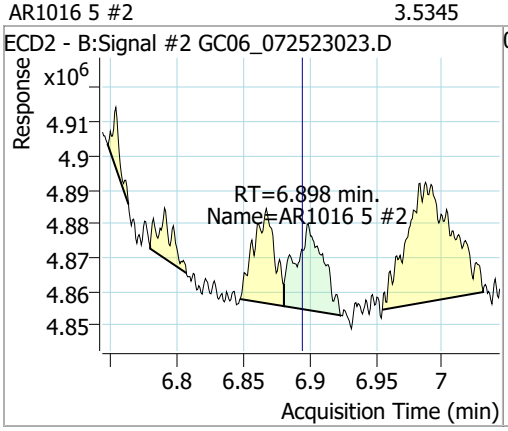
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4 #2	14.8646	6.73	-0.03	288301				

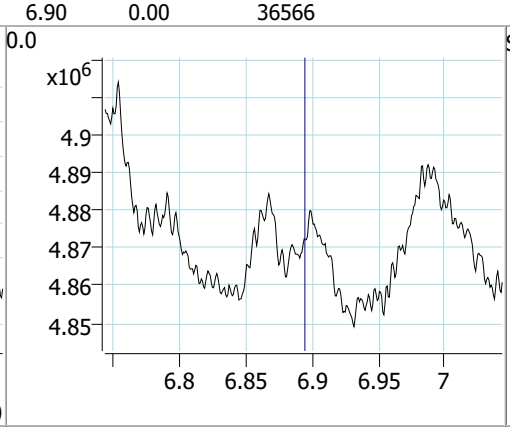


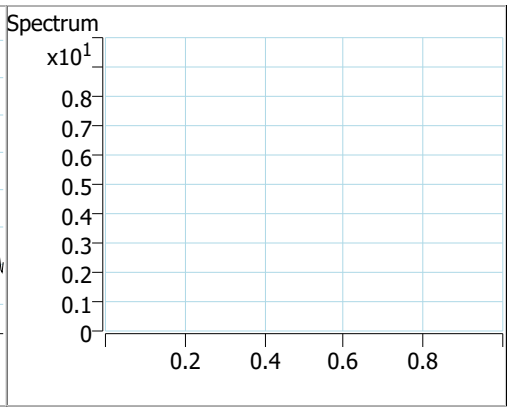




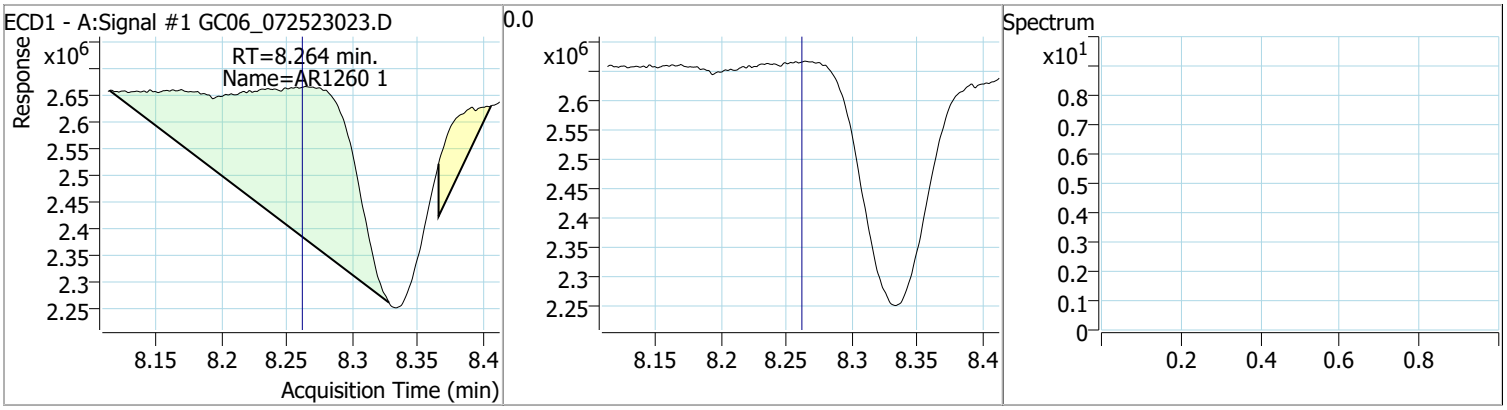
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	3.5345	6.90	0.00	36566				



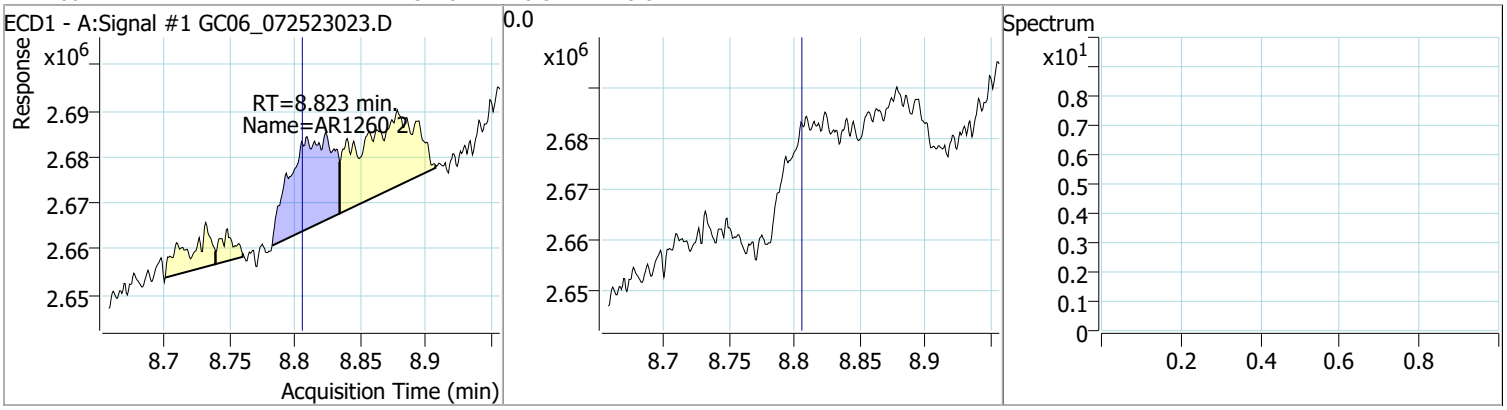




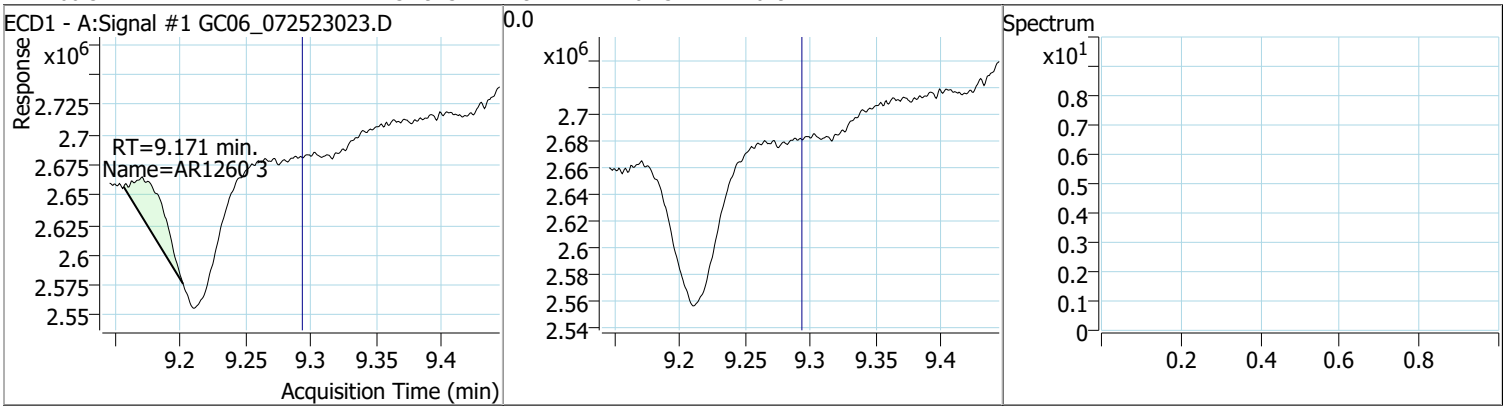
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	176.3054	8.26	0.00	2008079				



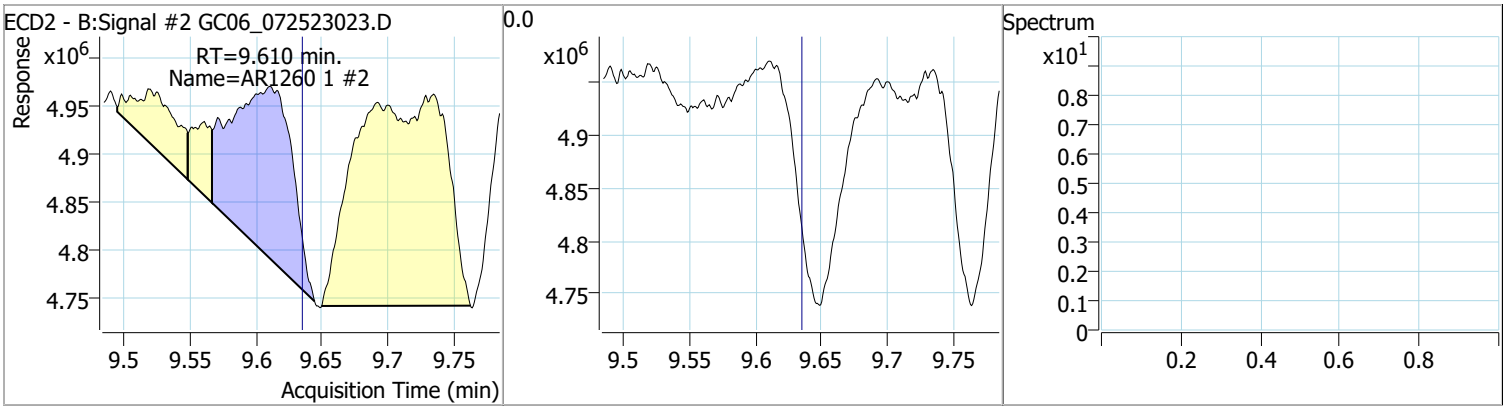
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	2.5720	8.82	0.01	44721				



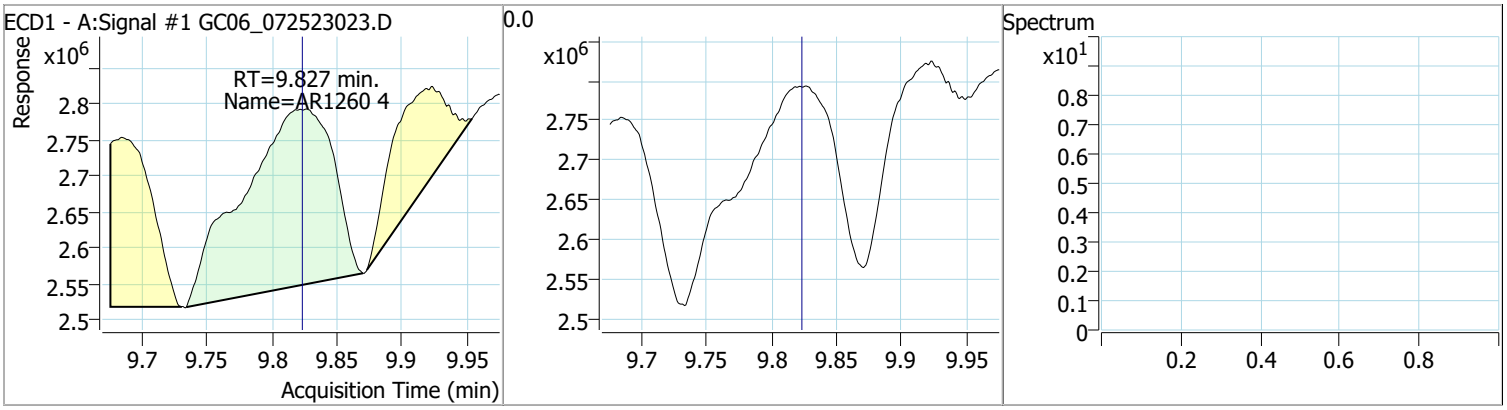
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3	3.4943	9.17	-0.13	64921				



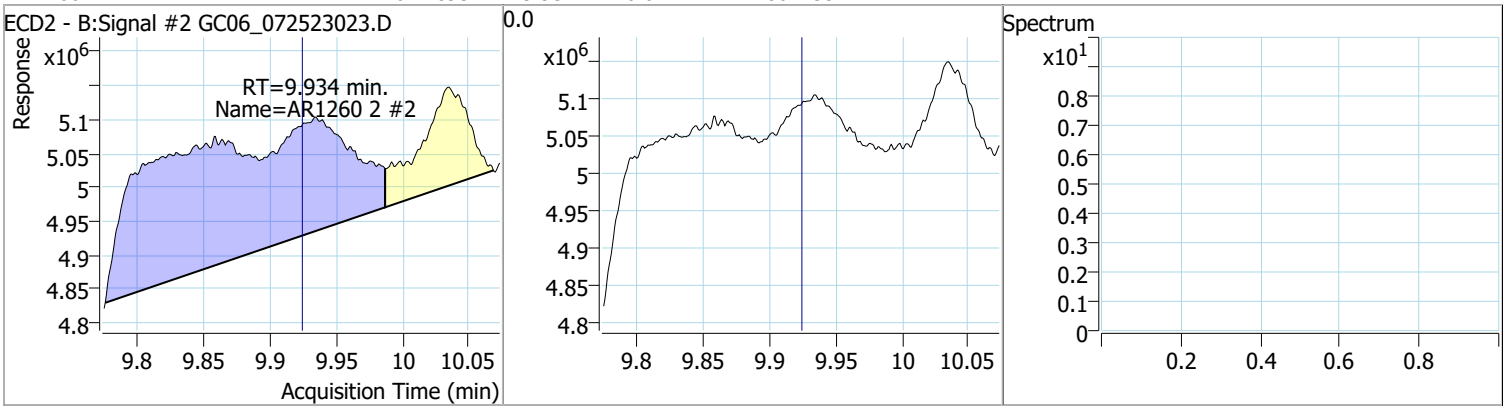
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1 #2	20.7265	9.61	-0.03	559468				



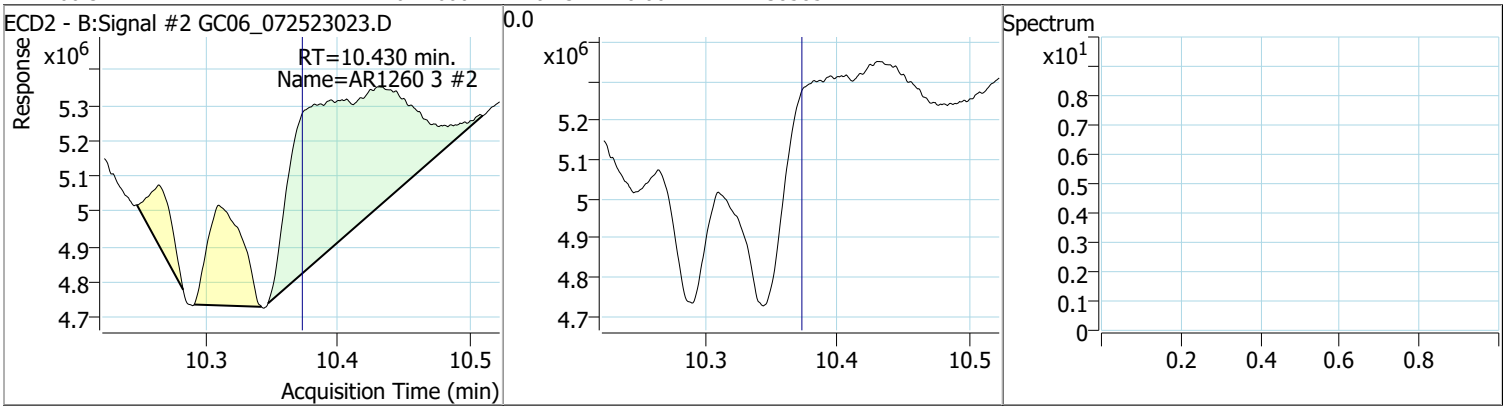
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4	118.8138	9.83	0.00	1202663				



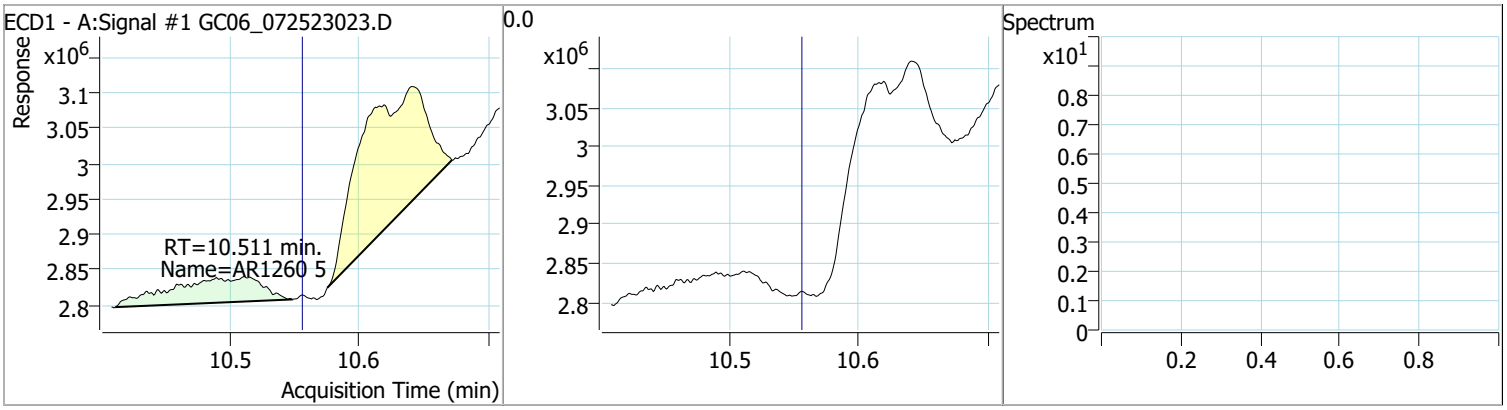
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	61.1893	9.93	0.01	1862235				



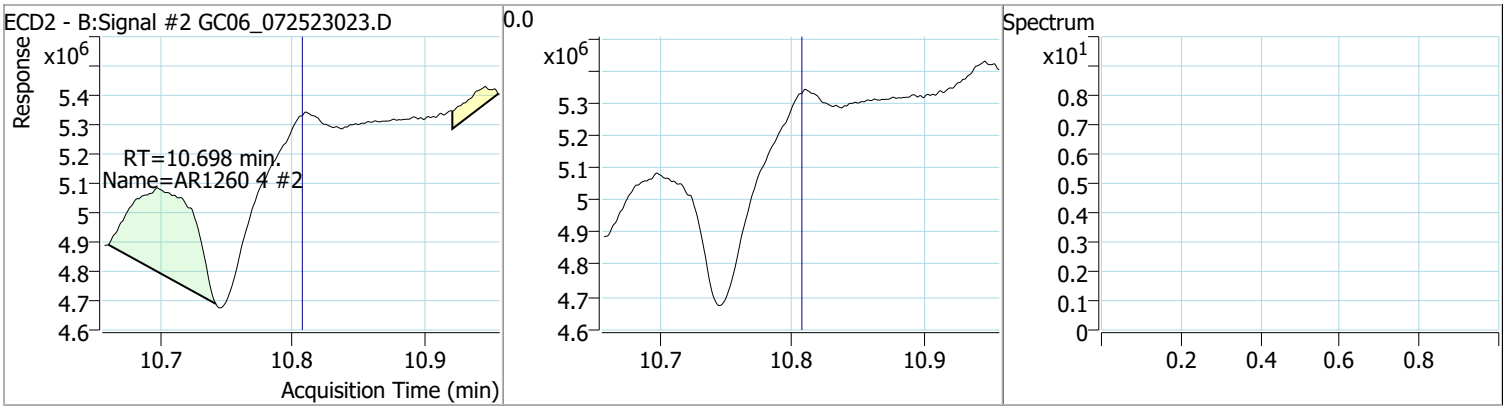
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3 #2	61.2600	10.43	0.06	2385852				



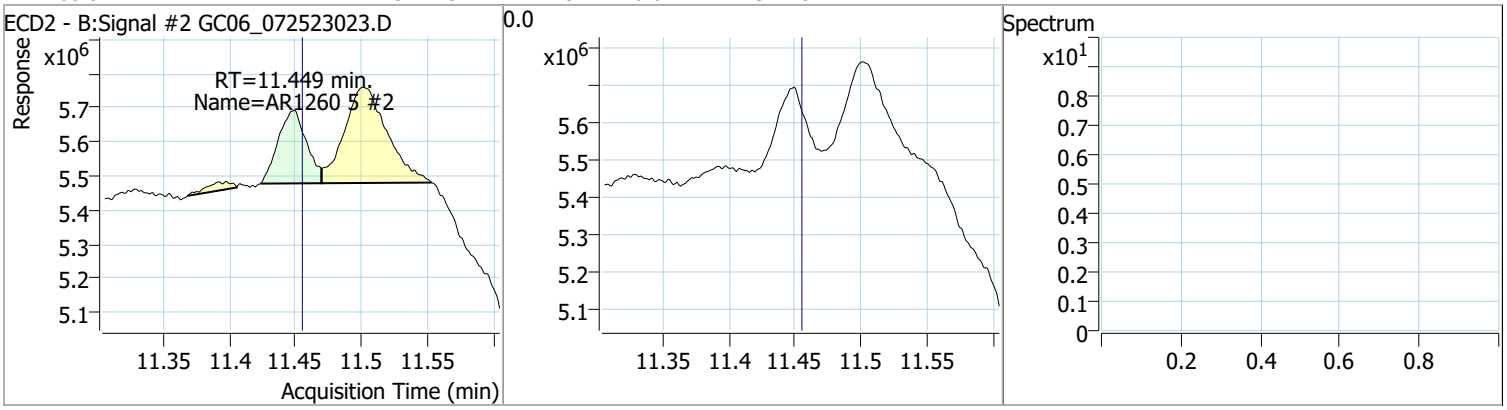
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	11.0076	10.51	-0.05	176178				



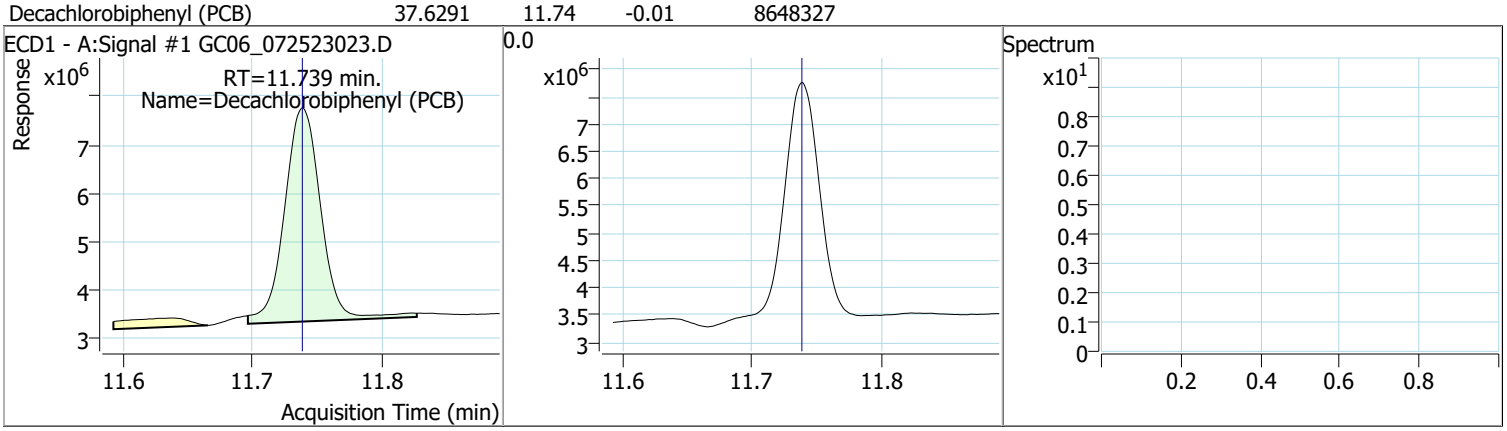
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	42.8694	10.70	-0.11	975210				



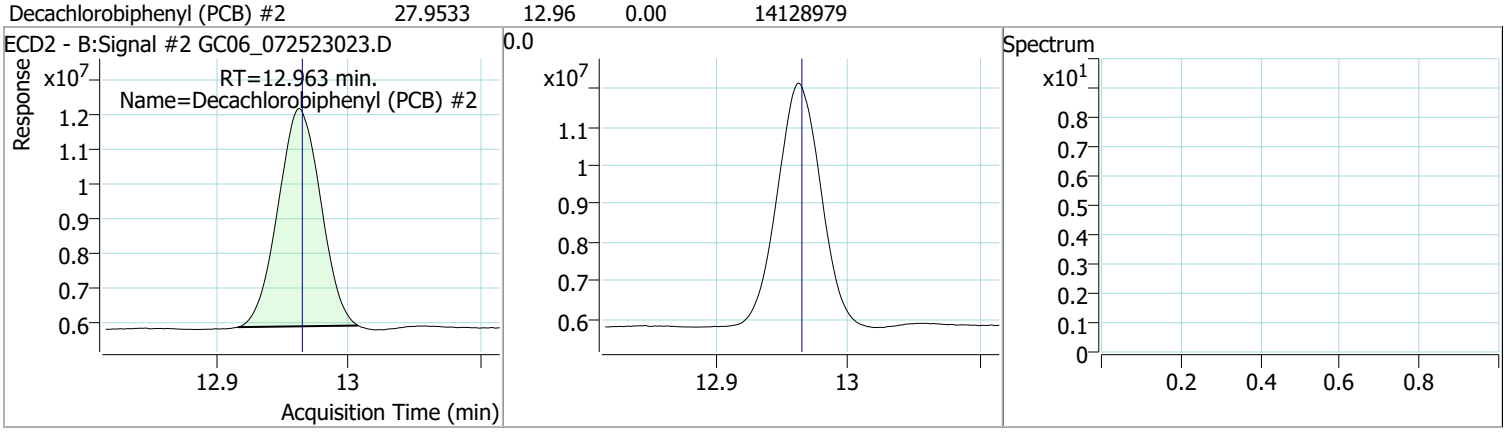
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	9.7423	11.45	-0.01	321231				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	37.6291	11.74	-0.01	8648327				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	27.9533	12.96	0.00	14128979				



ENTHALPY SAMPLE USER REPORT FOR EPA 8082

Inst:	SVOA-GC06	Lab ID:	489010-013	Client ID:	AFRAME-C7W-LAT-L3-UP-C7.1-DG-230724-P-DUP-LA
Seqnum:	453297295024	Matrix:	Wipe	Acct:	RINCON-BERK (JG)
File:	gc06_072523024	Batch:	318888	Time:	25-JUL-2023 21:09
Cal:	453205686001	Caldate:	22-MAY-2023		
IDF:	1.0	Raw Units:	ug/L	Units:	ug/dm2

- 1.00 dm2 ⇨ 10.0 ml = 10.0 ml/dm2 PDF

Analyte	Ch	Raw	Result	Conf	RPD	RL	Blank	Flags
Aroclor-1016	B	77.09	~~0.77~~ ~~FP~~	1.1	32%	0.50		x u
Aroclor-1016 Peak # 1	B	43.65	0.44	0.24	60%			
Aroclor-1016 Peak # 2	B	183.0	1.83	0.98	60%			
Aroclor-1016 Peak # 3	B	141.7	1.42	0.84	52%			
Aroclor-1016 Peak # 4	B	4.268	0.04	2.68	194%			
Aroclor-1016 Peak # 5	B	12.89	0.13	0.58	127%			
Aroclor-1221	B		ND			0.50		u
Aroclor-1232	B		ND			0.50		u
Aroclor-1242	B		ND			0.50		u
Aroclor-1248	B		ND			0.50		u
Aroclor-1254	B		ND			0.50		u
Aroclor-1260	B	43.52	ND	0.67	43%	0.50		u
Aroclor-1260 Peak # 1	B	56.48	0.56	1.70	100%			
Aroclor-1260 Peak # 2	B	83.88	0.84	0.09	162%			
Aroclor-1260 Peak # 3	B	18.39	0.18	0.27	39%			
Aroclor-1260 Peak # 4	B	48.45	0.48	1.10	78%			
Aroclor-1260 Peak # 5	B	10.39	0.10	0.20	61%			
Aroclor-1262	B		ND			0.50		u
Aroclor-1268	B		ND			0.50		u

Surrogate	Ch	Raw	Spiked	Result	%Rec	Limits	Flags
TCMX (PCB)	B	36.28	0.5000	0.3628	73	19-121	c- u
Decachlorobiphenyl (PCB)	B	33.61	0.5000	0.3361	67	19-121	u

NO INTERNAL STANDARD REFERENCE RUN FOUND FOR CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV(internal standard: 1BR2NITROBZ1268, 1BR2NITROBZ1262, 1BR2NITROBZ1232, 1BR2NITROBZ1248, 1BR2NITROBZ1242, 1BR2NITROBZ1221, 1BR2NITROBZ1254)

ISTD (CCV gc06_072523006)	Ch	CCV Abund	SAMPLE Abund	%Drift
1-bromo-2-nitrobenzene (PCB)	B	8843280	8648069	-2.21
1-bromo-2-nitrobenzene (PCB)	A	3794782	3752852	-1.10

NO INTERNAL STANDARD REFERENCE RUN FOUND FOR CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV(internal standard: 1BR2NITROBZ1268, 1BR2NITROBZ1262, 1BR2NITROBZ1232, 1BR2NITROBZ1248, 1BR2NITROBZ1242, 1BR2NITROBZ1221, 1BR2NITROBZ1254)

ISTD (CCV gc06_072523006)	Ch	CCV RT	SAMPLE RT	Drift
1-bromo-2-nitrobenzene (PCB)	B	4.29	4.29	0.00
1-bromo-2-nitrobenzene (PCB)	A	4.09	4.07	-0.02

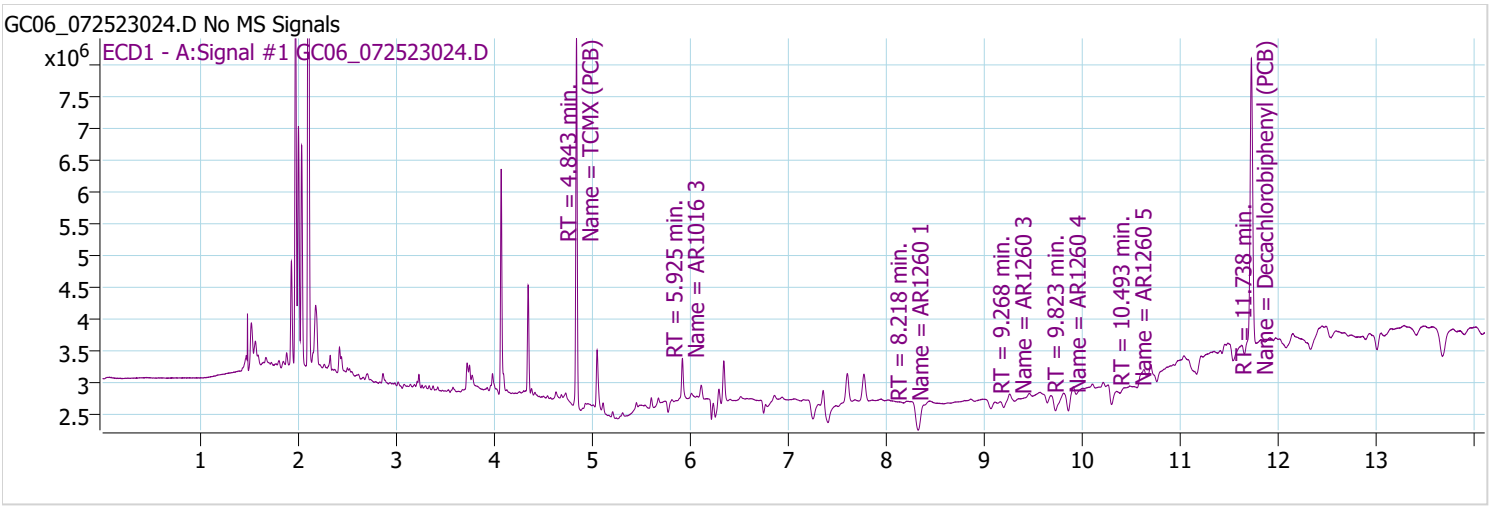
07/26/23 : WIPE/1DM^2.10ML

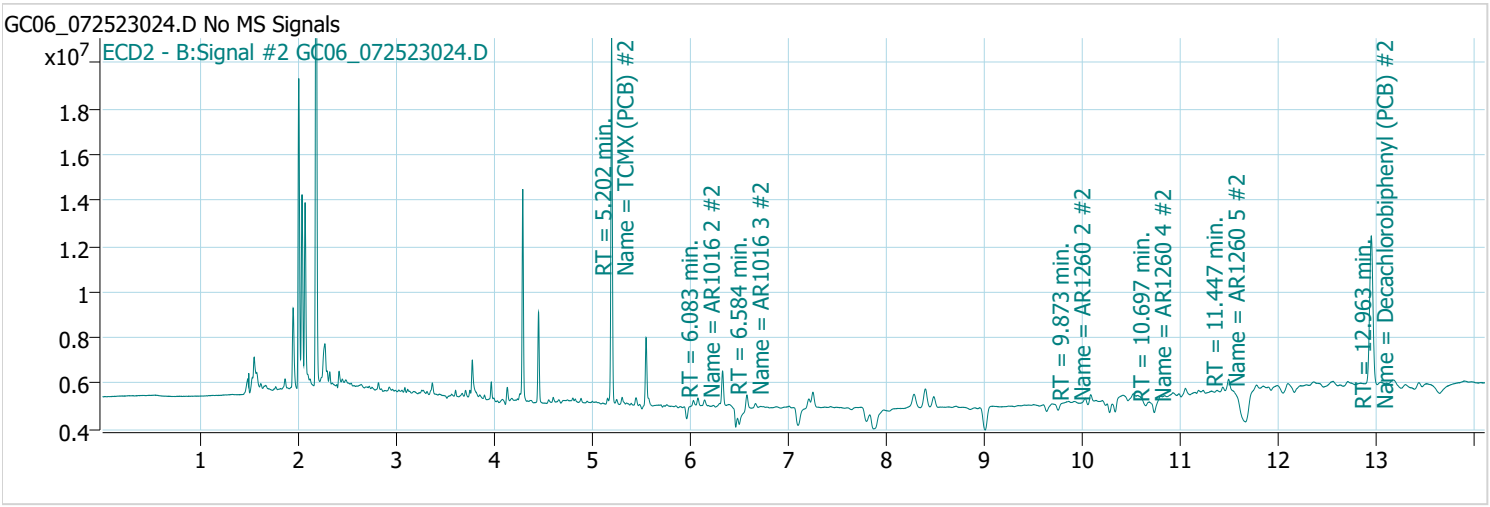
-=low bias c=CCV u=use x=false positive

Analyst: MES 07/26/23 **Reviewer:** MTS 07/27/23

Quantitation Results Report (Not Reviewed)

Data File	GC06_072523024.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	7/25/2023 9:09:16 PM
Sample Name	489010-013, 318888, 1	Instrument	SVOA-GC06
Vial	10	Multiplier	1.00
DA Method File	PCB_608_052323_GC06_36.m	Comment	WIPE/1DM^2.10ML
Tune File	ATUNE.U	Tune Date	
Batch Name	072523PCB.batch.bin	Last Calib Update	5/23/2023 1:46:10 PM
Ref Library			



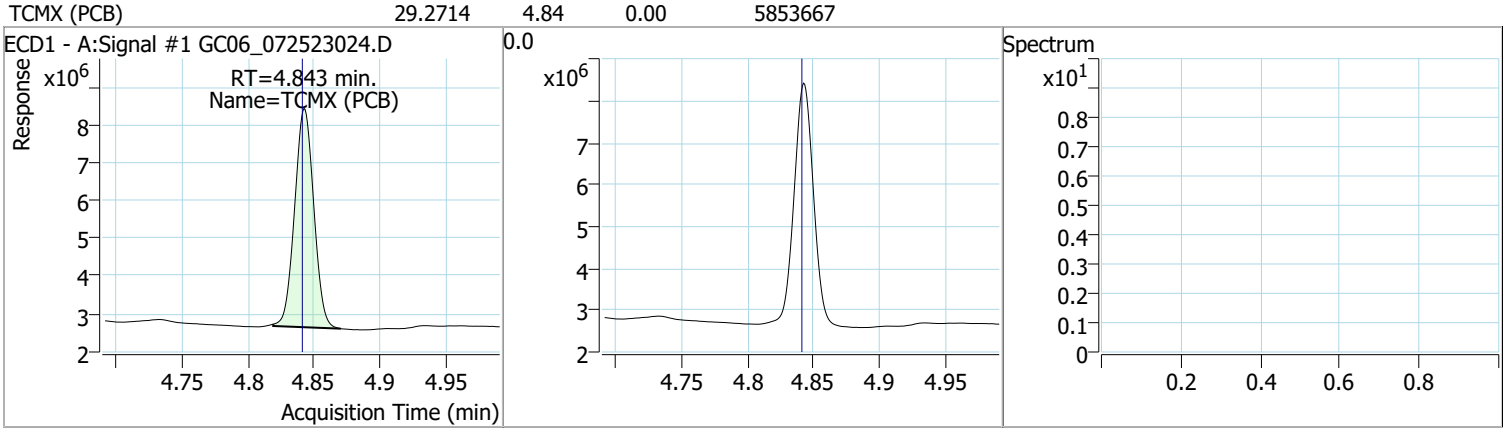


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1-bromo-2-nitrobenzene (PCB)	4.073	0.0	3752851.930	20.0000	ng/ml		-0.003
M 1-bromo-2-nitrobenzene (PCB) #2	4.293	0.0	8648068.657	20.0000	ng/ml		-0.002
System Monitoring Compounds							
S TCMX (PCB)	4.843	0.0	5853667.255	29.2714	ng/ml		-0.002
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 146.36%			
S TCMX (PCB) #2	5.202	0.0	16643992.678	36.2820	ng/ml		-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 181.41%		*	
S Decachlorobiphenyl (PCB)	11.738	0.0	8708016.837	34.7731	ng/ml		-0.007
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 173.87%		*	
S Decachlorobiphenyl (PCB) #2	12.963	0.0	15348192.752	33.6071	ng/ml		-0.004
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 168.04%		*	
Target Compounds							QValue

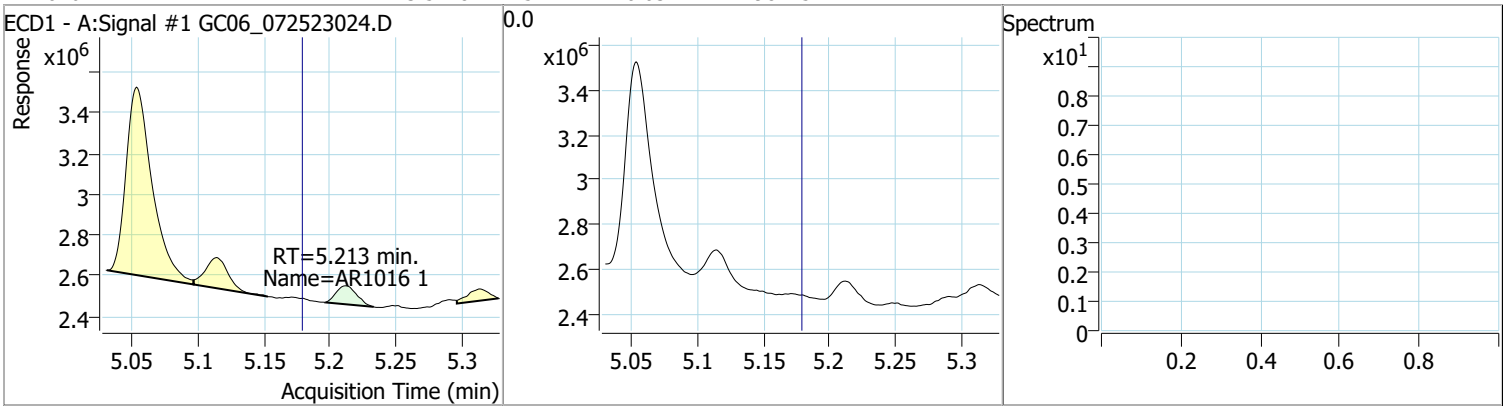
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T AR1016 1	5.213	0.0	98415.452	23.5118	ng/ml	100
T AR1016 2	5.455	0.0	832876.115	98.0092	ng/ml	100
T AR1016 1 #2	5.706	0.0	393150.557	43.6458	ng/ml	100
T AR1016 3	5.925	0.0	907616.648	83.5615	ng/ml	100
T AR1016 2 #2	6.083	0.0	3702741.271	182.9912	ng/ml	100
T AR1016 4	6.116	0.0	1753521.619	267.8474	ng/ml	100
T AR1016 5	6.239	0.0	289426.026	57.8048	ng/ml	100
T AR1016 3 #2	6.584	0.0	3449027.695	141.6552	ng/ml	100
T AR1016 4 #2	6.752	0.0	74787.540	4.2676	ng/ml	100
T AR1016 5 #2	6.883	0.0	120486.052	12.8893	ng/ml	100
T AR1260 1	8.218	0.0	2109326.750	169.9654	ng/ml	100
T AR1260 2	8.872	0.0	168834.123	8.9115	ng/ml	100
T AR1260 3	9.268	0.0	550391.675	27.1880	ng/ml	100
T AR1260 1 #2	9.698	0.0	1377405.001	56.4760	ng/ml	100
T AR1260 4	9.823	0.0	1213883.590	110.0606	ng/ml	100
T AR1260 2 #2	9.873	0.0	2306471.468	83.8764	ng/ml	100
T AR1260 3 #2	10.317	0.0	647270.592	18.3938	ng/ml	100
T AR1260 5	10.493	0.0	340852.652	19.5452	ng/ml	100
T AR1260 4 #2	10.697	0.0	995947.099	48.4548	ng/ml	100
T AR1260 5 #2	11.447	0.0	309509.484	10.3889	ng/ml	100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

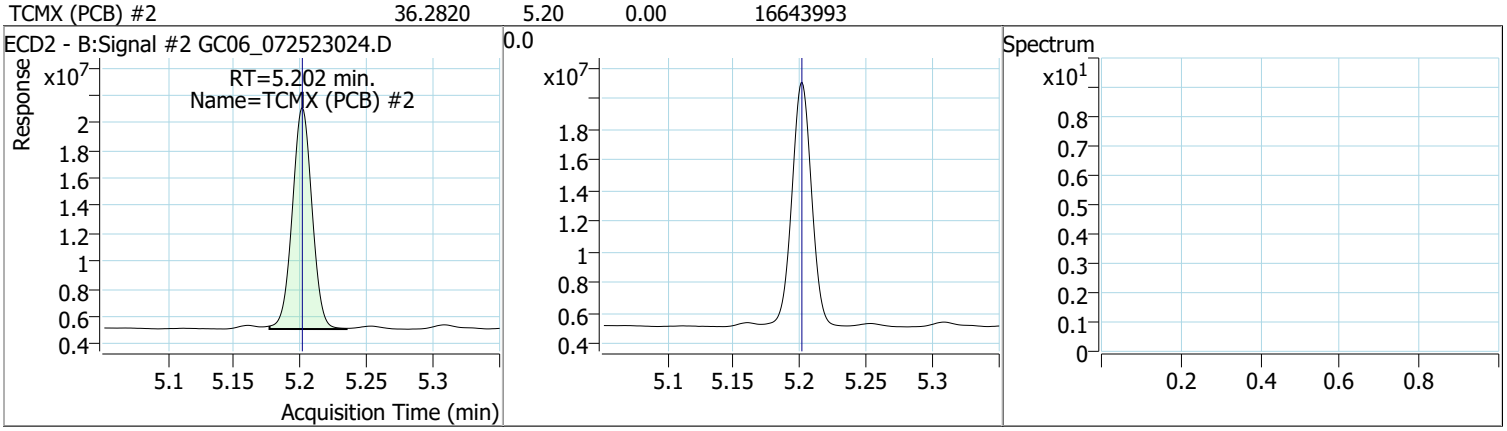
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	29.2714	4.84	0.00	5853667				



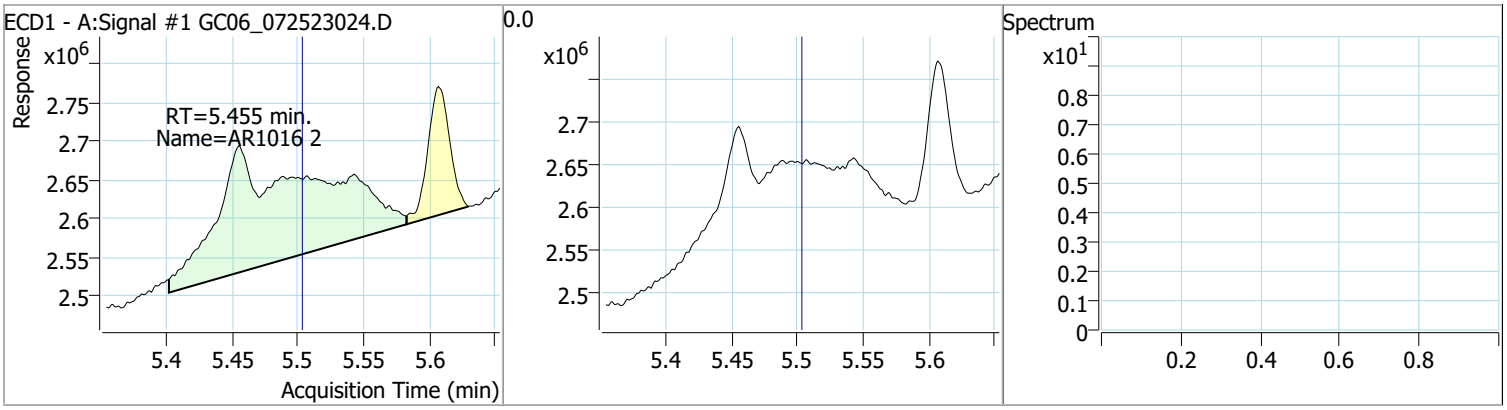
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	23.5118	5.21	0.03	98415				



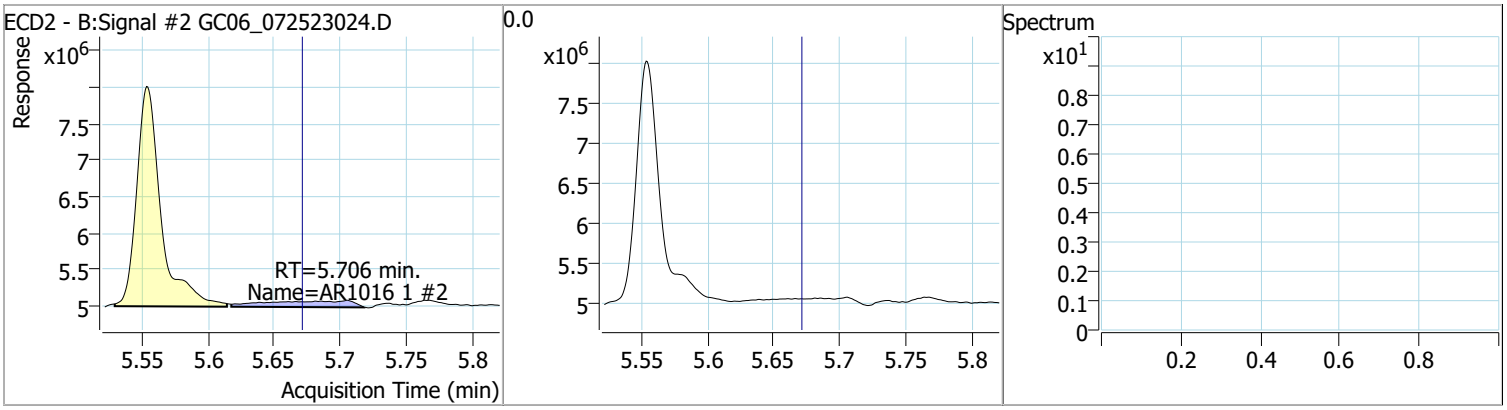
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB) #2	36.2820	5.20	0.00	16643993				



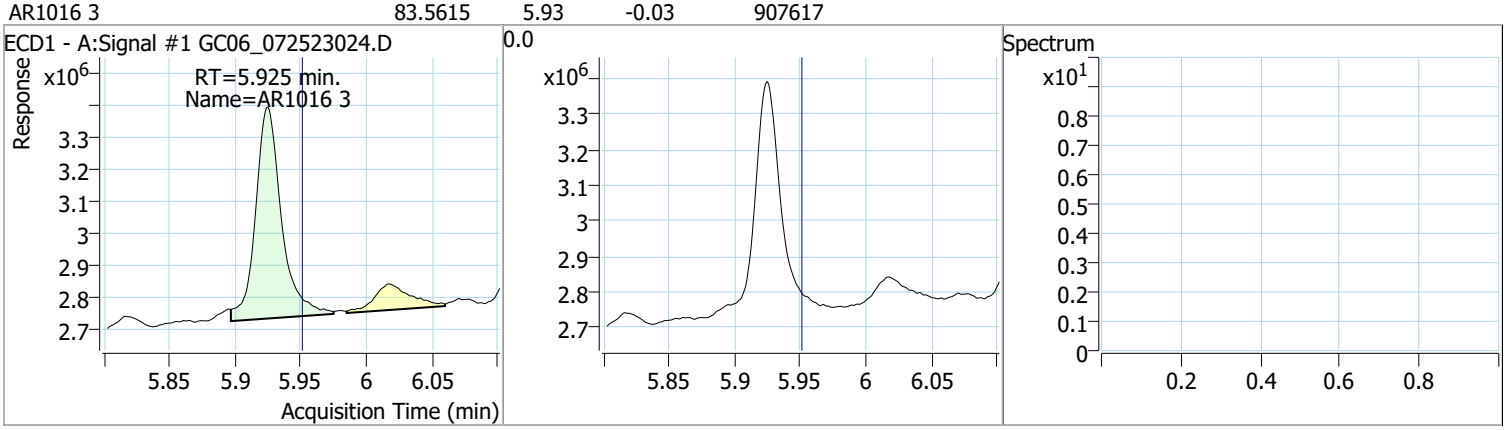
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	98.0092	5.46	-0.05	832876				



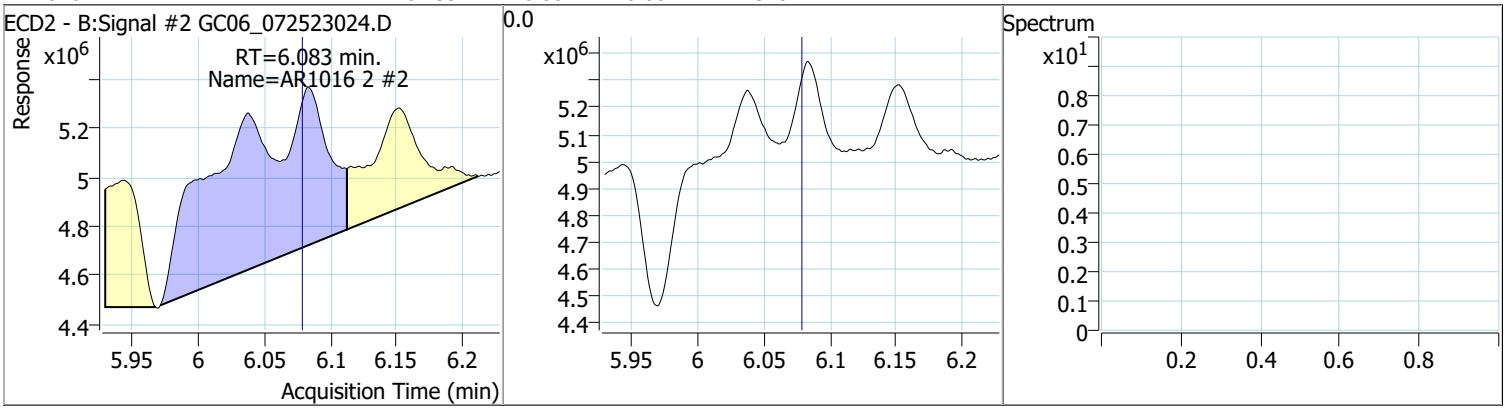
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1 #2	43.6458	5.71	0.03	393151				



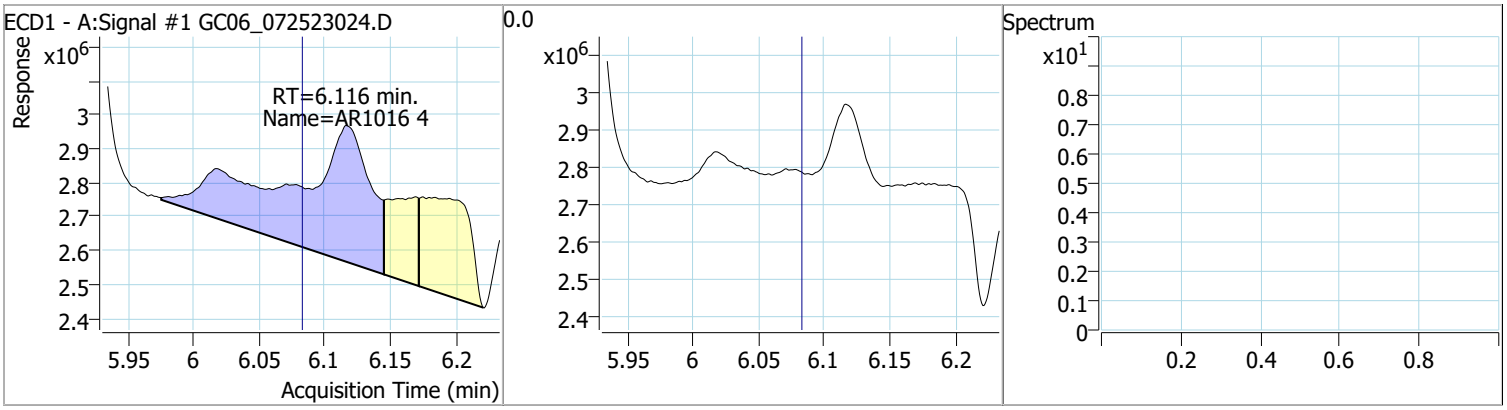
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	83.5615	5.93	-0.03	907617				



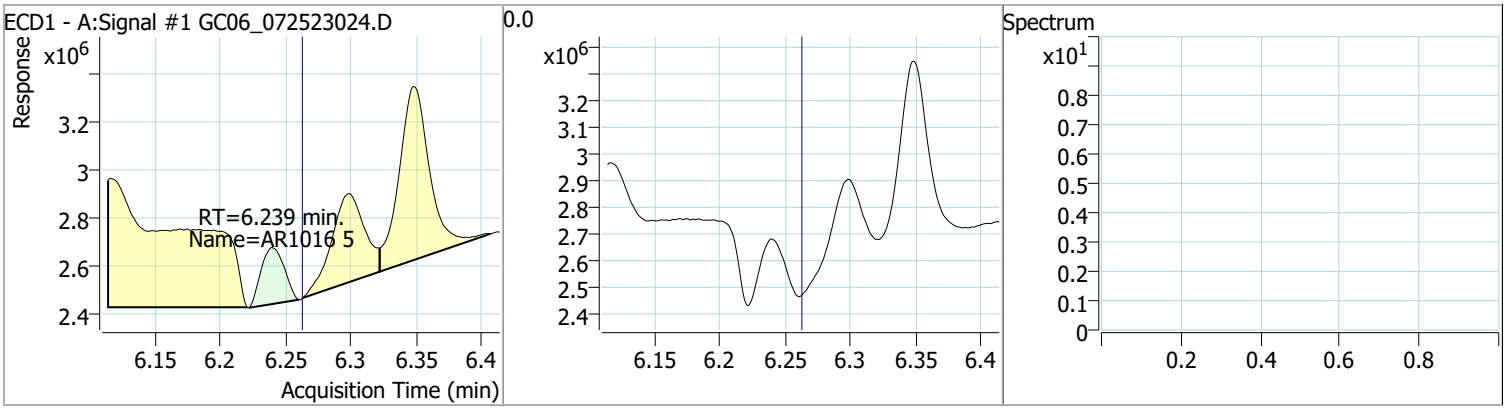
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	182.9912	6.08	0.00	3702741				



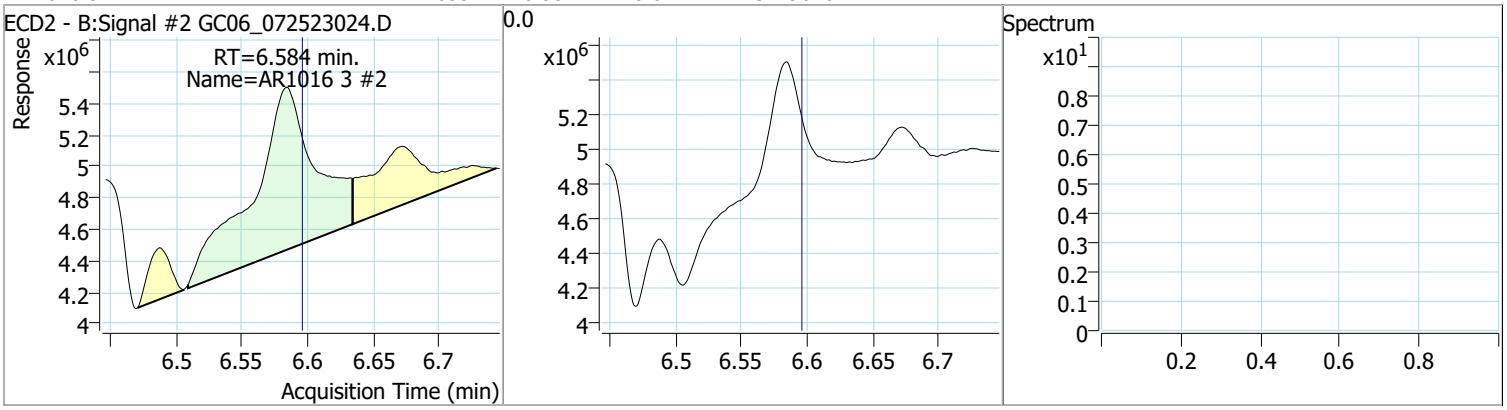
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4	267.8474	6.12	0.03	1753522				



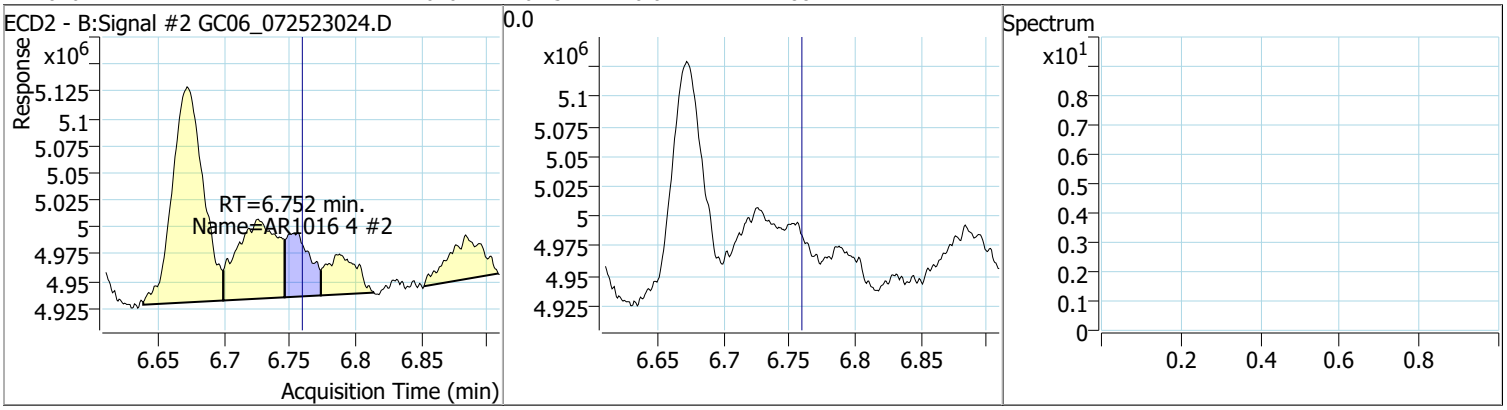
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	57.8048	6.24	-0.03	289426				



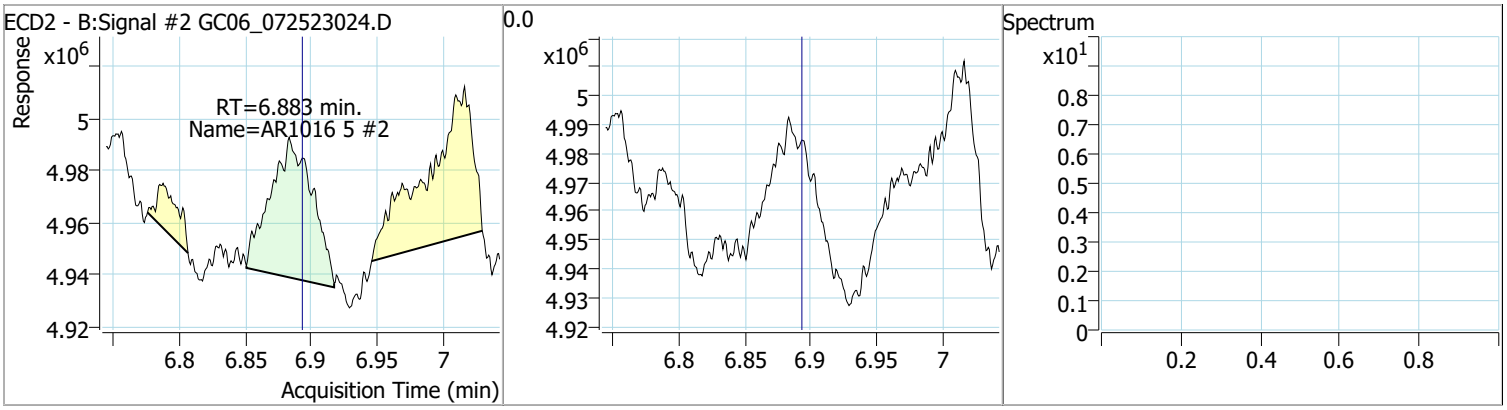
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	141.6552	6.58	-0.01	3449028				



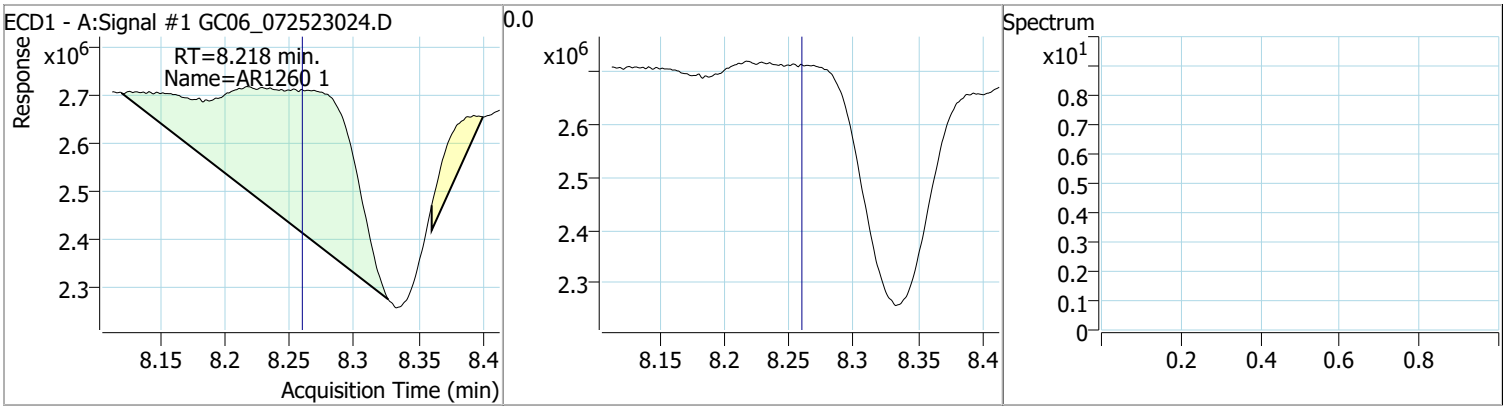
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4 #2	4.2676	6.75	-0.01	74788				



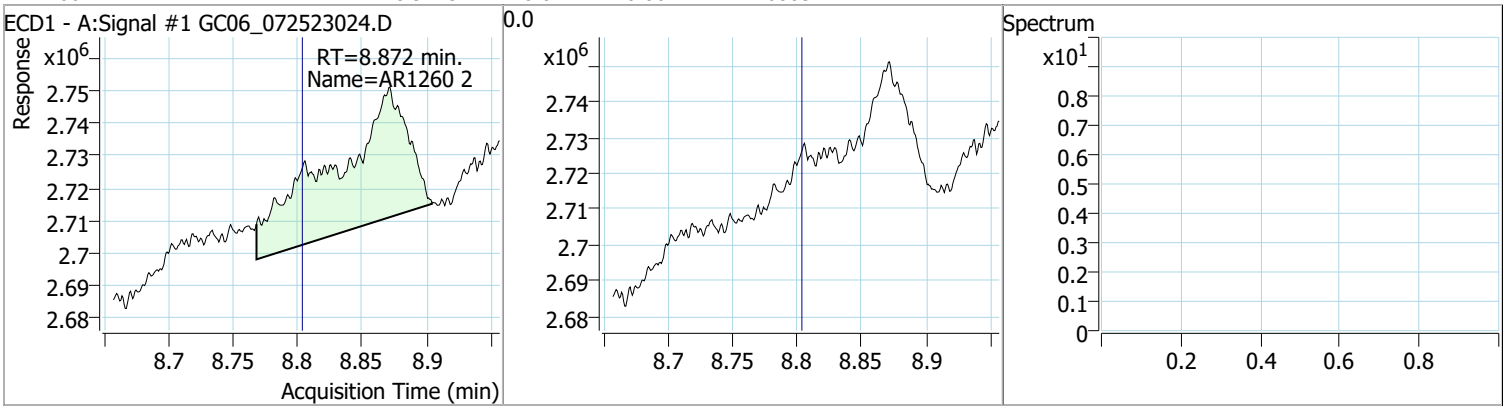
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	12.8893	6.88	-0.01	120486				



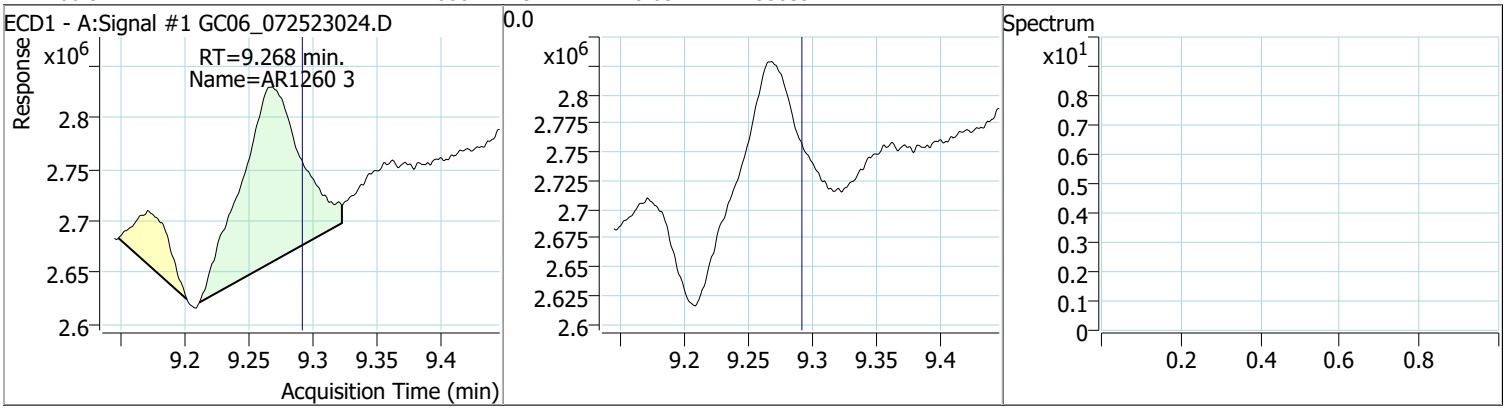
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	169.9654	8.22	-0.05	2109327				



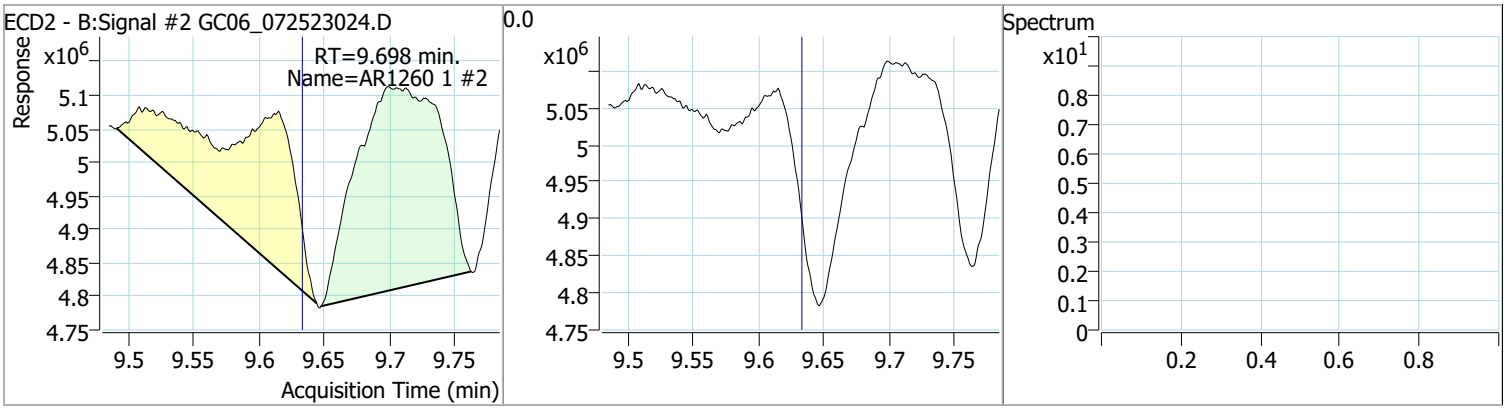
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	8.9115	8.87	0.06	168834				



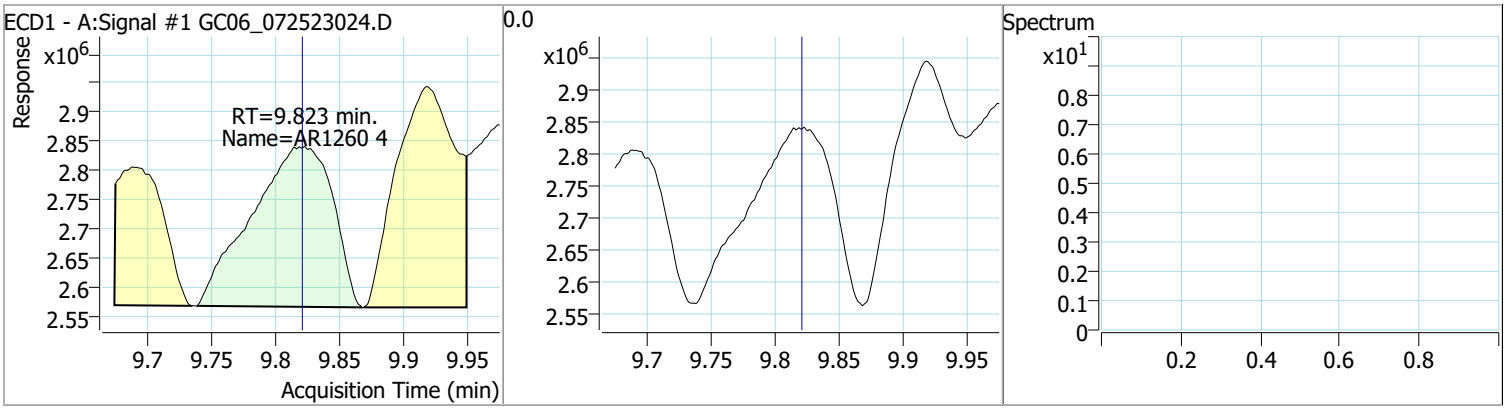
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3	27.1880	9.27	-0.03	550392				



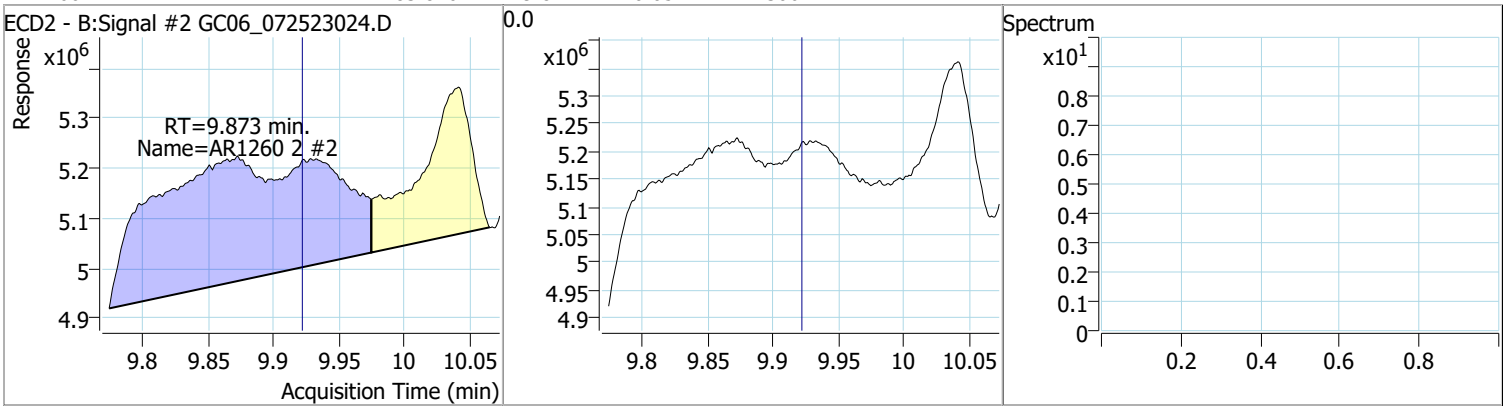
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1 #2	56.4760	9.70	0.06	1377405				



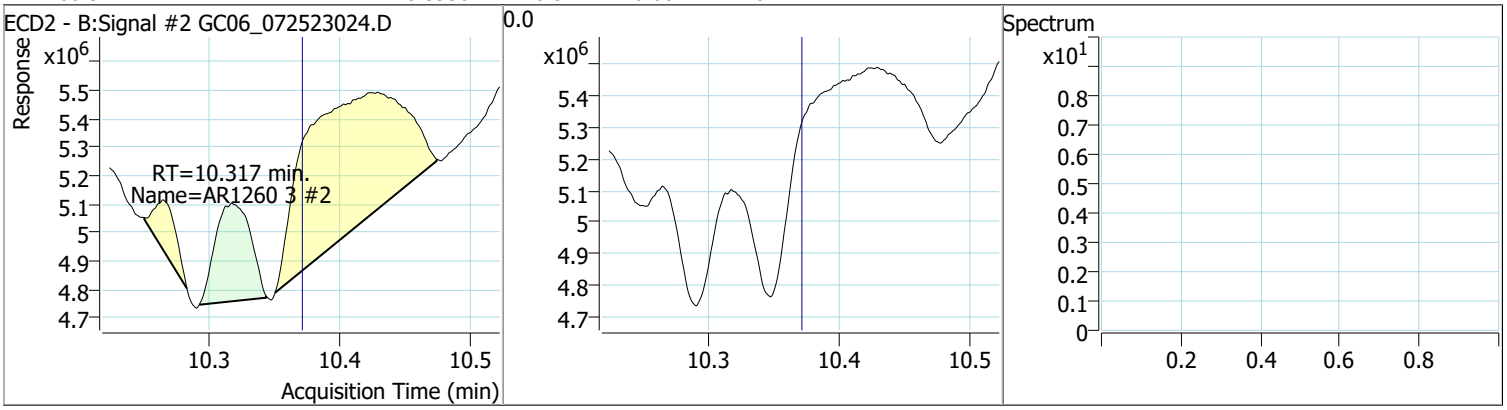
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4	110.0606	9.82	0.00	1213884				



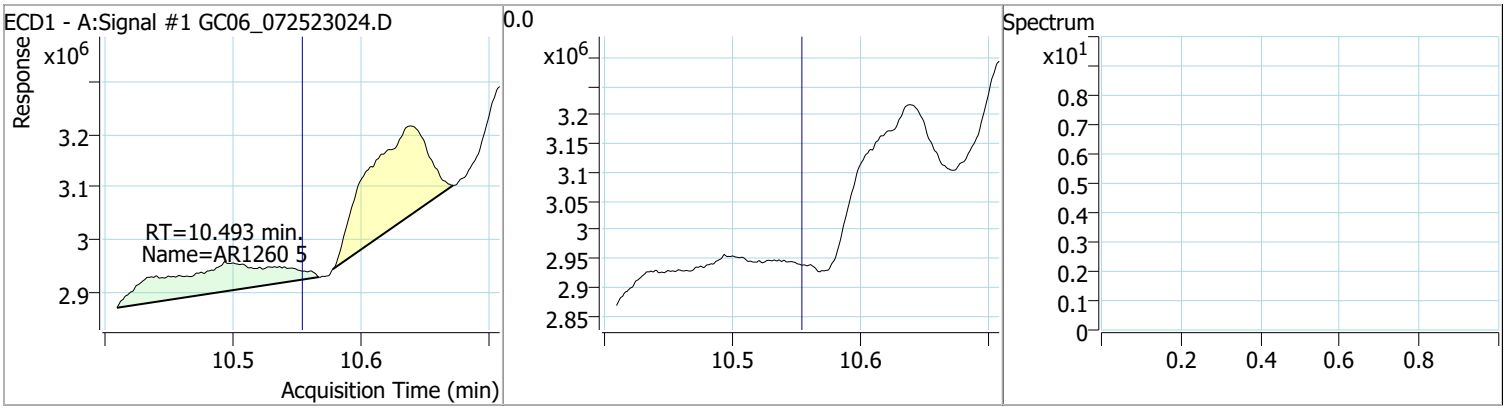
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	83.8764	9.87	-0.05	2306471				



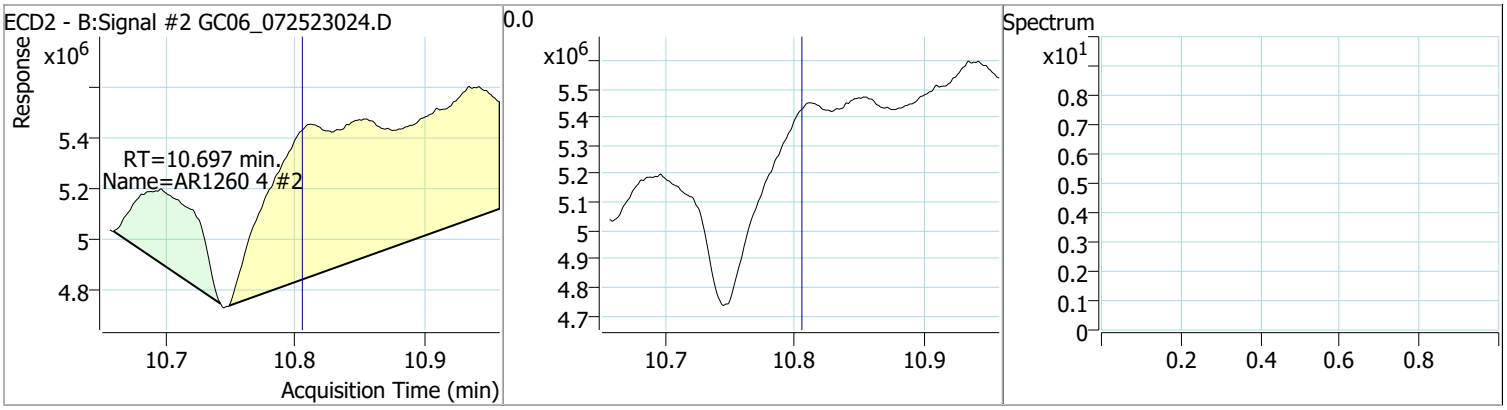
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3 #2	18.3938	10.32	-0.06	647271				



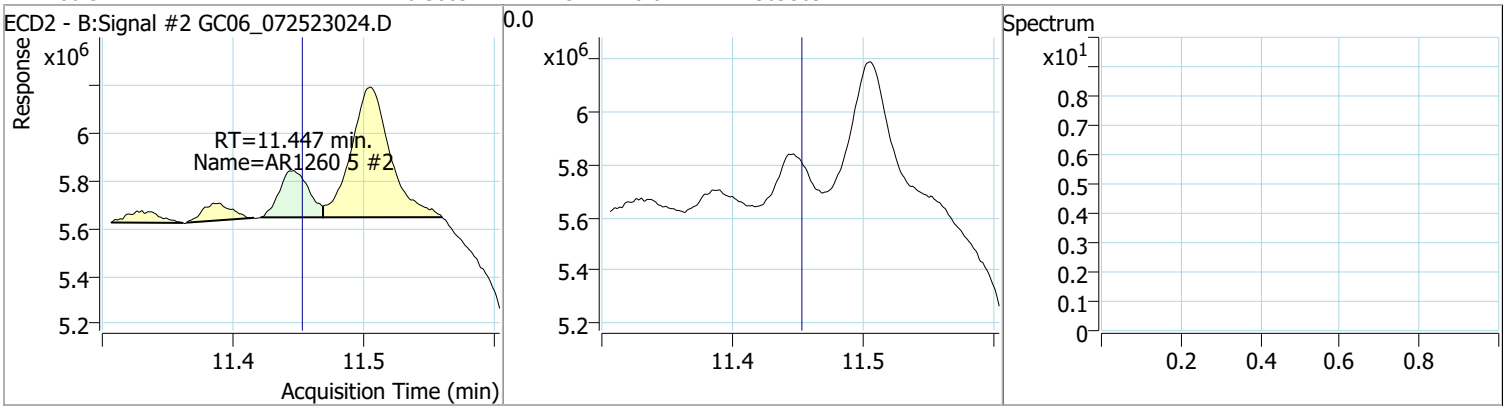
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	19.5452	10.49	-0.07	340853				



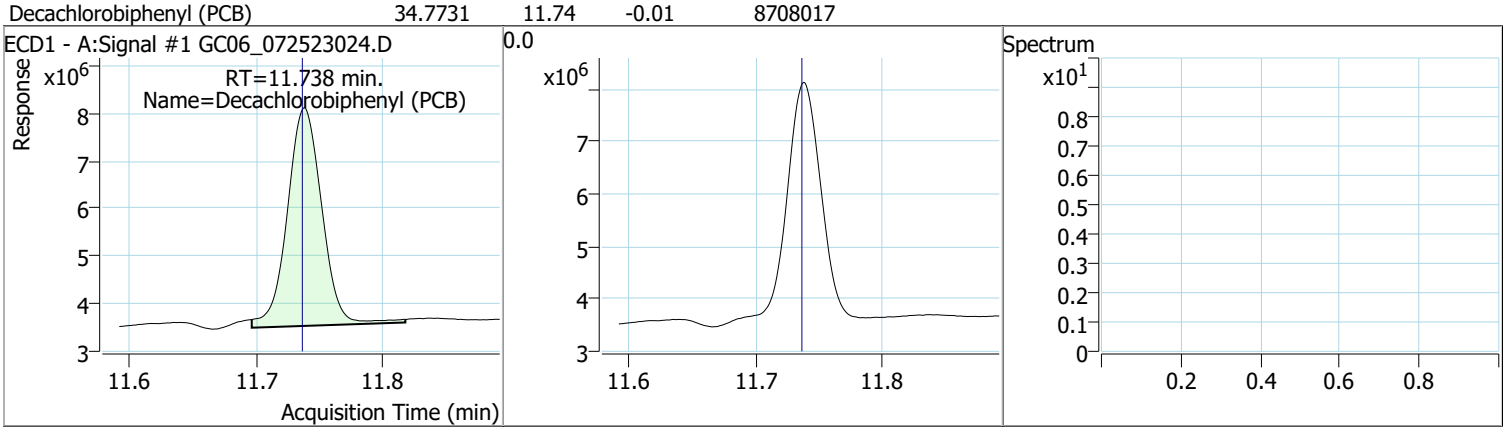
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	48.4548	10.70	-0.11	995947				



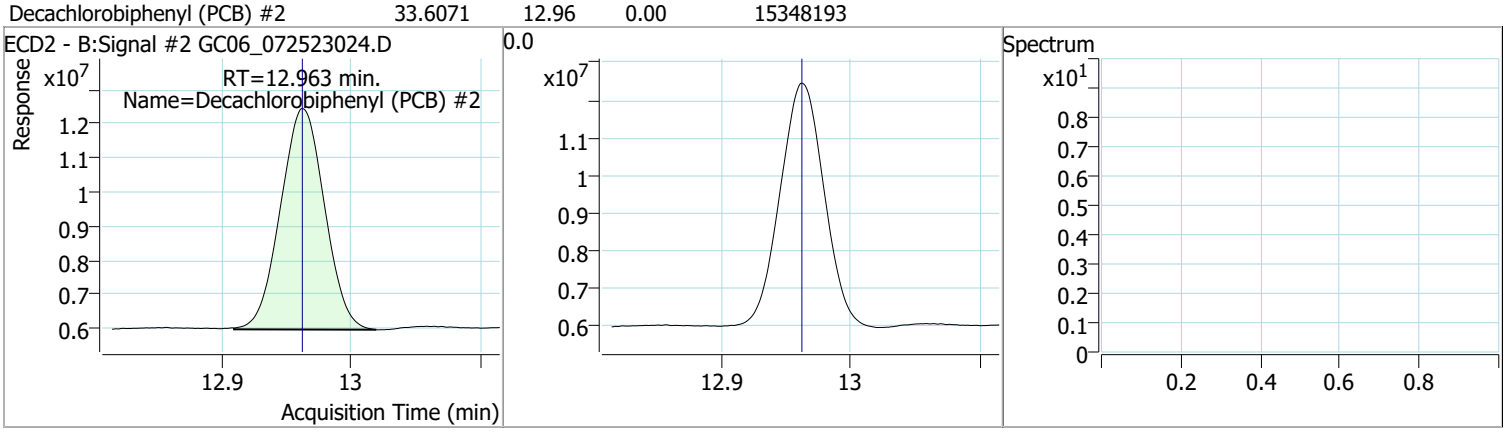
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	10.3889	11.45	-0.01	309509				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	34.7731	11.74	-0.01	8708017				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	33.6071	12.96	0.00	15348193				



ENTHALPY SAMPLE USER REPORT FOR EPA 8082

Inst:	SVOA-GC06	Lab ID:	489010-015	Client ID:	AFRAME-C7W-MED-L3-UP-C7.6-HM-230724-P-CB
Seqnum:	453297295025	Matrix:	Wipe	Acct:	RINCON-BERK (JG)
File:	gc06_072523025	Batch:	318888	Time:	25-JUL-2023 21:27
Cal:	453205686001	Caldate:	22-MAY-2023		
IDF:	1.0	Raw Units:	ug/L	Units:	ug/dm2

- 1.00 dm2 ⇨ 10.0 ml = 10.0 ml/dm2 PDF

Analyte	Ch	Raw	Result	Conf	RPD	RL	Blank	Flags
Aroclor-1016	B	45.64	ND	0.83	59%	0.50		u
Aroclor-1016 Peak # 1	B	25.19	0.25	0.25	1%			
Aroclor-1016 Peak # 2	B	57.22	0.57	0.14	123%			
Aroclor-1016 Peak # 3	B	116.0	1.16	0.52	75%			
Aroclor-1016 Peak # 4	B	15.97	0.16	2.73	178%			
Aroclor-1016 Peak # 5	B	13.85	0.14	0.54	118%			
Aroclor-1221	B		ND			0.50		u
Aroclor-1232	B		ND			0.50		u
Aroclor-1242	B		ND			0.50		u
Aroclor-1248	B		ND			0.50		u
Aroclor-1254	B		ND			0.50		u
Aroclor-1260	B	24.97	ND	0.60	82%	0.50		u
Aroclor-1260 Peak # 1	B	46.57	0.47	1.56	108%			
Aroclor-1260 Peak # 2	B	26.48	0.26	0.08	111%			
Aroclor-1260 Peak # 3	B	0	ND	0.25				
Aroclor-1260 Peak # 4	B	43.94	0.44	0.95	74%			
Aroclor-1260 Peak # 5	B	7.864	0.08	0.13	53%			
Aroclor-1262	B		ND			0.50		u
Aroclor-1268	B		ND			0.50		u

Surrogate	Ch	Raw	Spiked	Result	%Rec	Limits	Flags
TCMX (PCB)	B	32.59	0.5000	0.3259	65	19-121	c- u
Decachlorobiphenyl (PCB)	B	29.68	0.5000	0.2968	59	19-121	u

NO INTERNAL STANDARD REFERENCE RUN FOUND FOR CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV(internal standard: 1BR2NITROBZ1268, 1BR2NITROBZ1262, 1BR2NITROBZ1232, 1BR2NITROBZ1248, 1BR2NITROBZ1242, 1BR2NITROBZ1221, 1BR2NITROBZ1254)

ISTD (CCV gc06_072523006)	Ch	CCV Abund	SAMPLE Abund	%Drift
1-bromo-2-nitrobenzene (PCB)	B	8843280	9549065	7.98
1-bromo-2-nitrobenzene (PCB)	A	3794782	4043975	6.57

NO INTERNAL STANDARD REFERENCE RUN FOUND FOR CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV(internal standard: 1BR2NITROBZ1268, 1BR2NITROBZ1262, 1BR2NITROBZ1232, 1BR2NITROBZ1248, 1BR2NITROBZ1242, 1BR2NITROBZ1221, 1BR2NITROBZ1254)

ISTD (CCV gc06_072523006)	Ch	CCV RT	SAMPLE RT	Drift
1-bromo-2-nitrobenzene (PCB)	B	4.29	4.29	0.00
1-bromo-2-nitrobenzene (PCB)	A	4.09	4.07	-0.02

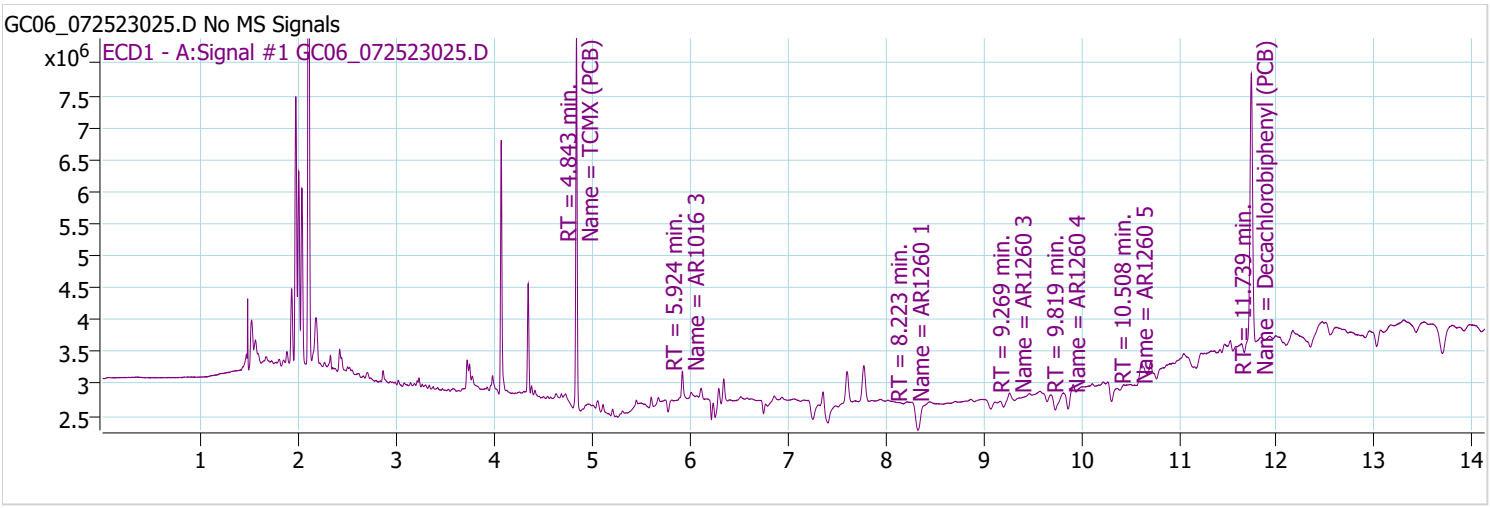
07/26/23 : WIPE/1DM^2.10ML

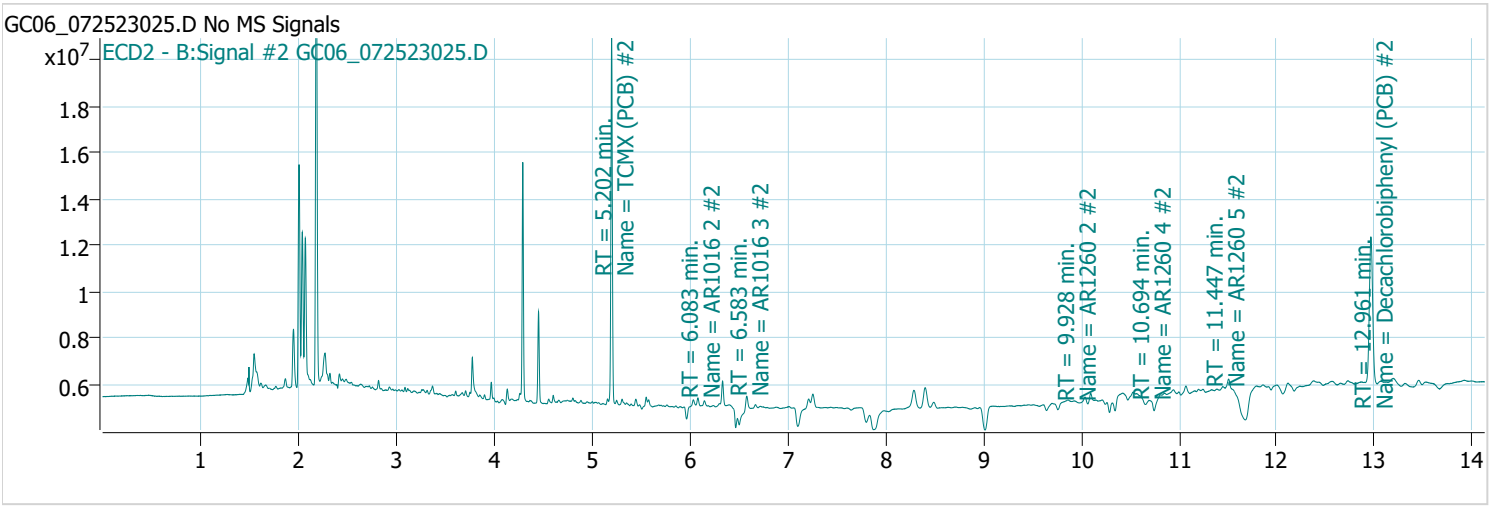
-=low bias c=CCV u=use

Analyst: MES 07/26/23 **Reviewer:** MTS 07/27/23

Quantitation Results Report (Not Reviewed)

Data File	GC06_072523025.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	7/25/2023 9:27:27 PM
Sample Name	489010-015, 318888, 1	Instrument	SVOA-GC06
Vial	11	Multiplier	1.00
DA Method File	PCB_608_052323_GC06_36.m	Comment	WIPE/1DM^2.10ML
Tune File	ATUNE.U	Tune Date	
Batch Name	072523PCB.batch.bin	Last Calib Update	5/23/2023 1:46:10 PM
Ref Library			



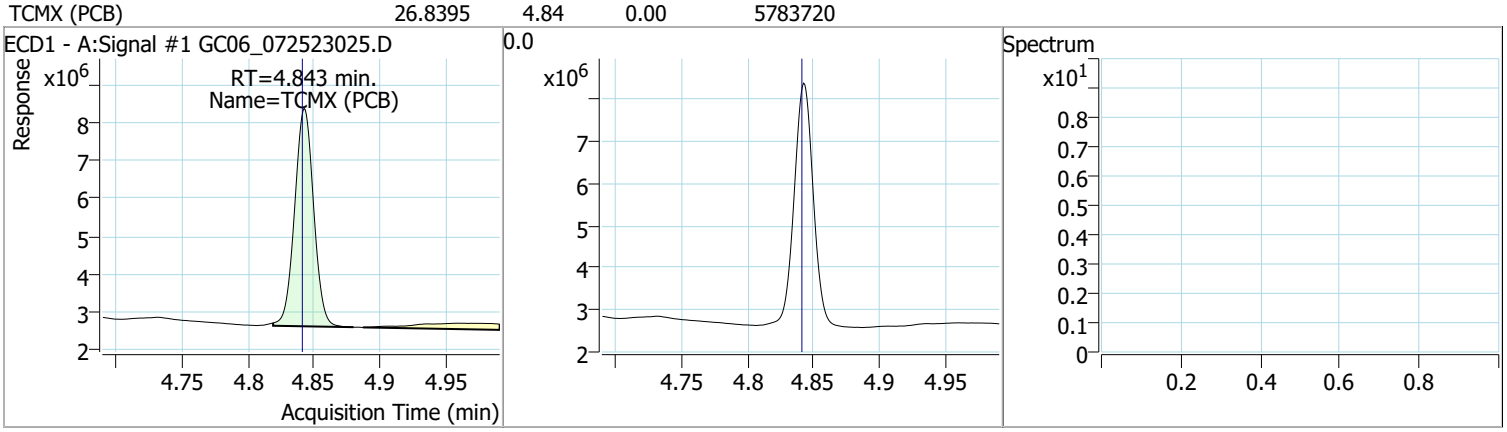


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1-bromo-2-nitrobenzene (PCB)	4.073	0.0	4043975.478	20.0000	ng/ml		-0.003
M 1-bromo-2-nitrobenzene (PCB) #2	4.294	0.0	9549064.521	20.0000	ng/ml		-0.001
System Monitoring Compounds							
S TCMX (PCB)	4.843	0.0	5783719.783	26.8395	ng/ml		-0.002
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 134.20%			
S TCMX (PCB) #2	5.202	0.0	16506520.562	32.5872	ng/ml		-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 162.94%		*	
S Decachlorobiphenyl (PCB)	11.739	0.0	8337966.311	30.8984	ng/ml		-0.006
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 154.49%		*	
S Decachlorobiphenyl (PCB) #2	12.961	0.0	14969236.418	29.6846	ng/ml		-0.006
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 148.42%			
Target Compounds							QValue

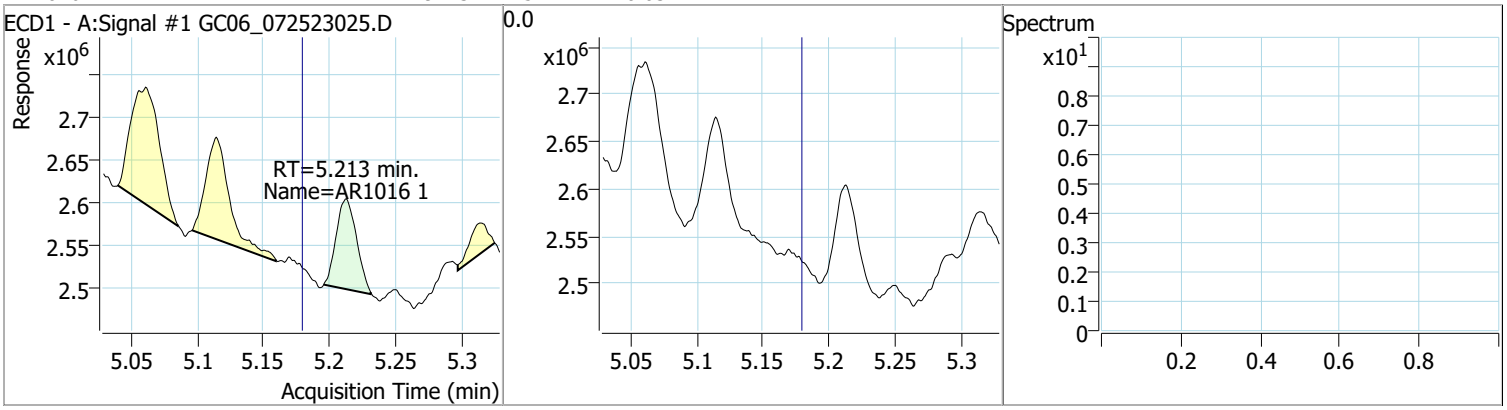
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T AR1016 1	5.213	0.0	112420.646	24.9243	ng/ml	100
T AR1016 2	5.543	0.0	125745.908	13.7320	ng/ml	100
T AR1016 1 #2	5.686	0.0	250525.566	25.1880	ng/ml	100
T AR1016 3	5.924	0.0	614214.215	52.4779	ng/ml	100
T AR1016 2 #2	6.083	0.0	1278550.088	57.2246	ng/ml	100
T AR1016 4	6.117	0.0	1923198.983	272.6174	ng/ml	100
T AR1016 5	6.240	0.0	289411.039	53.6407	ng/ml	100
T AR1016 3 #2	6.583	0.0	3117484.100	115.9573	ng/ml	100
T AR1016 4 #2	6.720	0.0	308973.799	15.9675	ng/ml	100
T AR1016 5 #2	6.883	0.0	142971.602	13.8516	ng/ml	100
T AR1260 1	8.223	0.0	2087208.935	156.0758	ng/ml	100
T AR1260 2	8.873	0.0	153864.018	7.5367	ng/ml	100
T AR1260 3	9.269	0.0	553337.876	25.3658	ng/ml	100
T AR1260 1 #2	9.706	0.0	1254249.499	46.5741	ng/ml	100
T AR1260 4	9.819	0.0	1132856.531	95.3197	ng/ml	100
T AR1260 2 #2	9.928	0.0	804018.641	26.4799	ng/ml	100
T AR1260 3 #2	0.000		0	N.D.		
T AR1260 5	10.508	0.0	253248.859	13.4764	ng/ml	100
T AR1260 4 #2	10.694	0.0	997319.717	43.9434	ng/ml	100
T AR1260 5 #2	11.447	0.0	258699.890	7.8641	ng/ml	100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

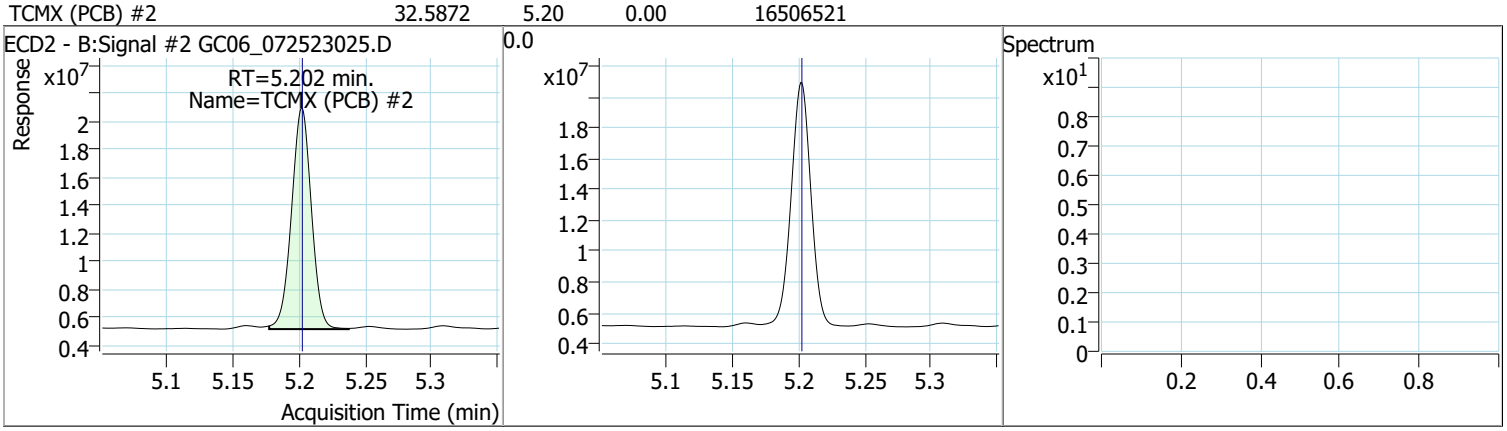
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	26.8395	4.84	0.00	5783720				



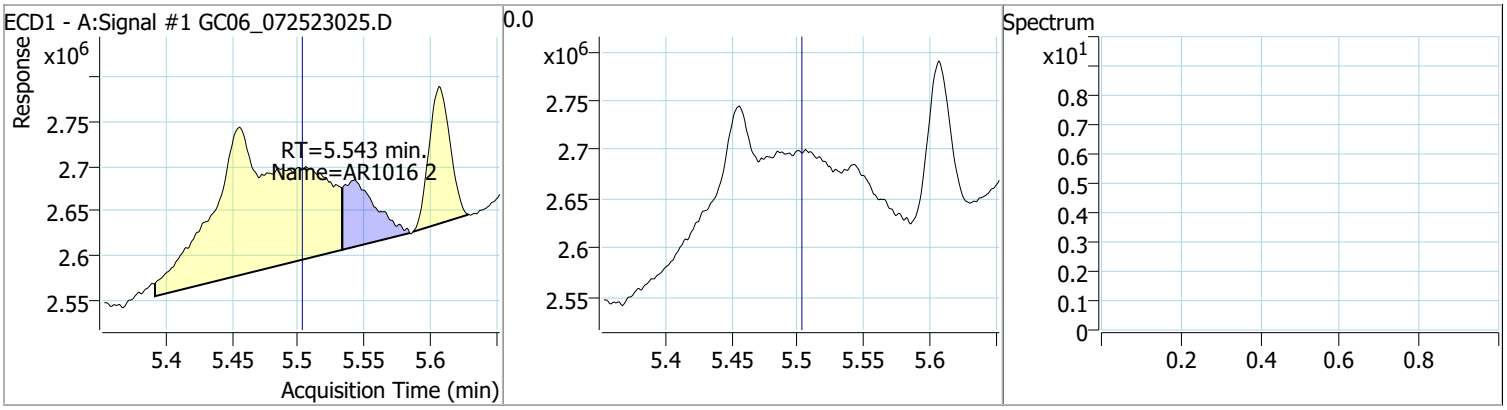
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	24.9243	5.21	0.03	112421				



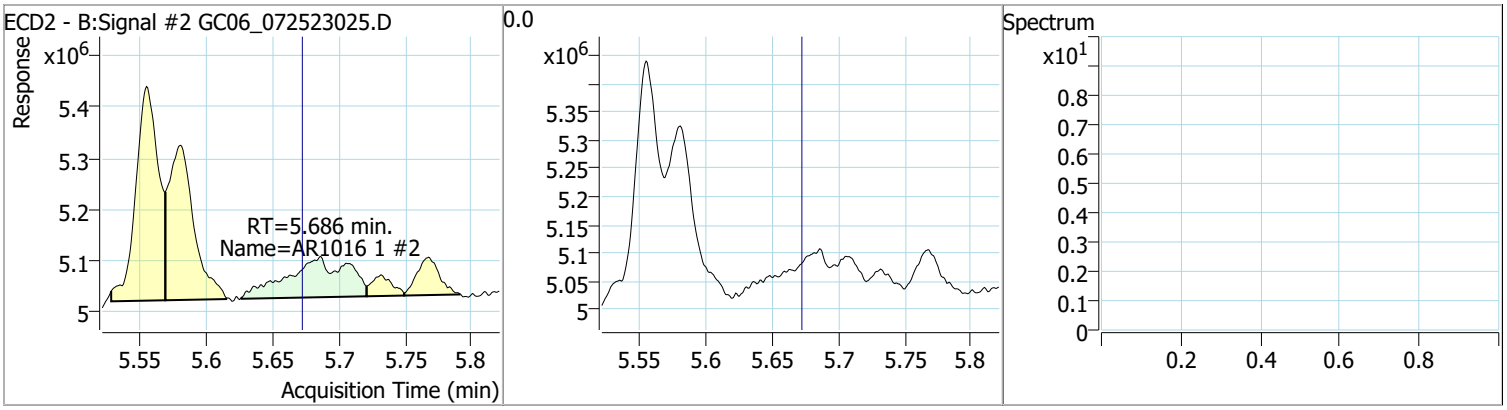
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB) #2	32.5872	5.20	0.00	16506521				



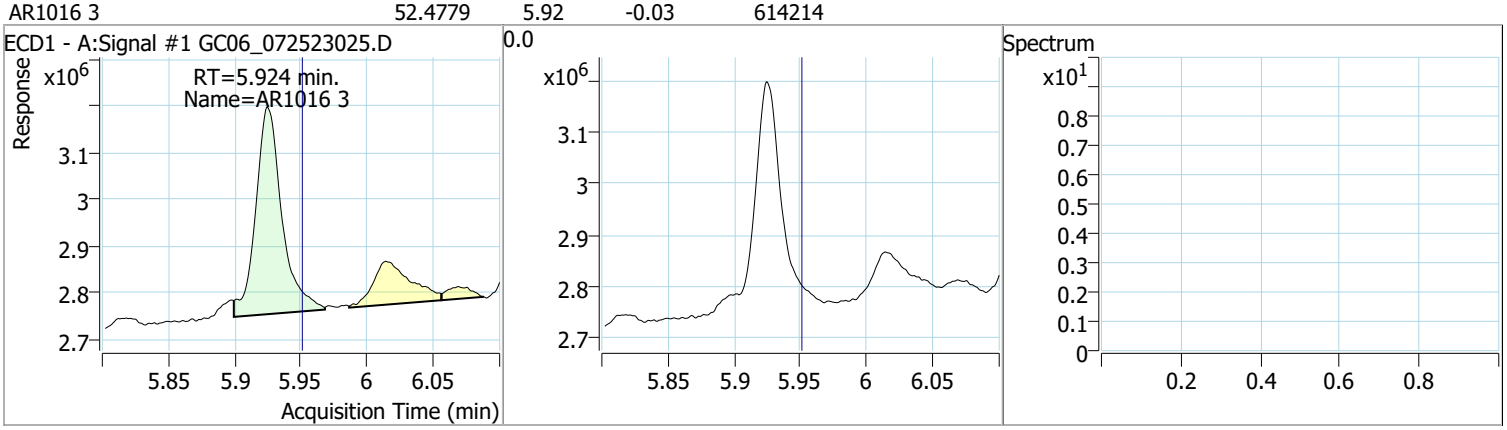
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	13.7320	5.54	0.04	125746				



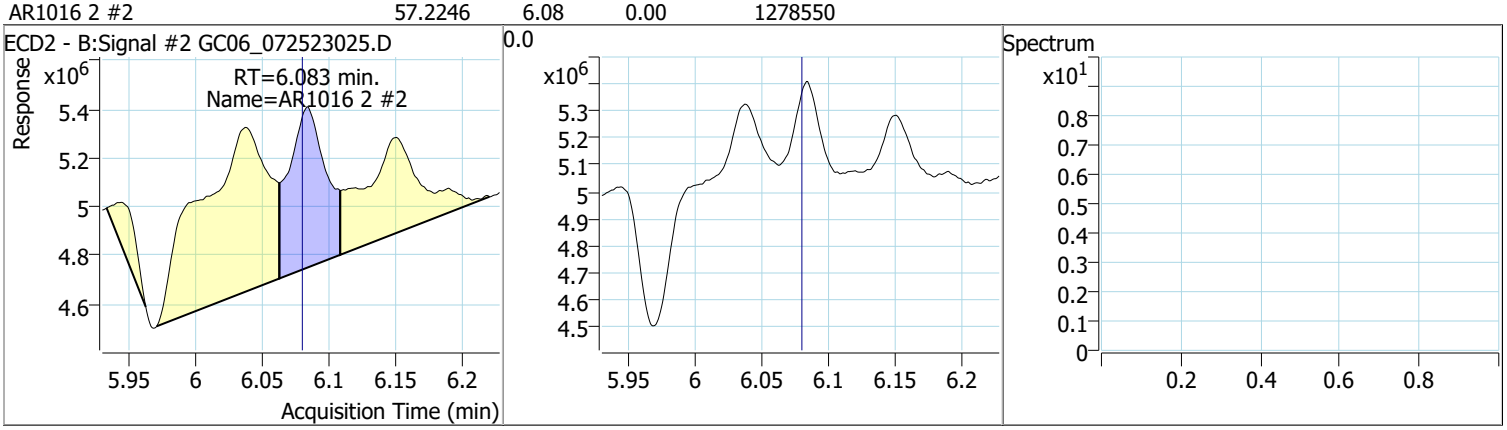
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1 #2	25.1880	5.69	0.01	250526				



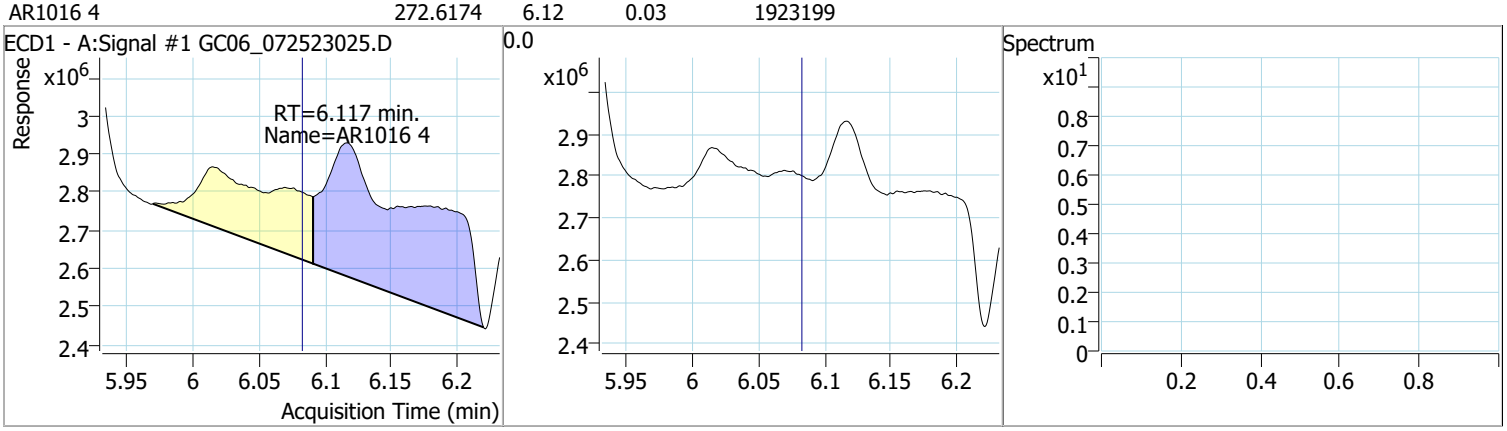
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	52.4779	5.92	-0.03	614214				



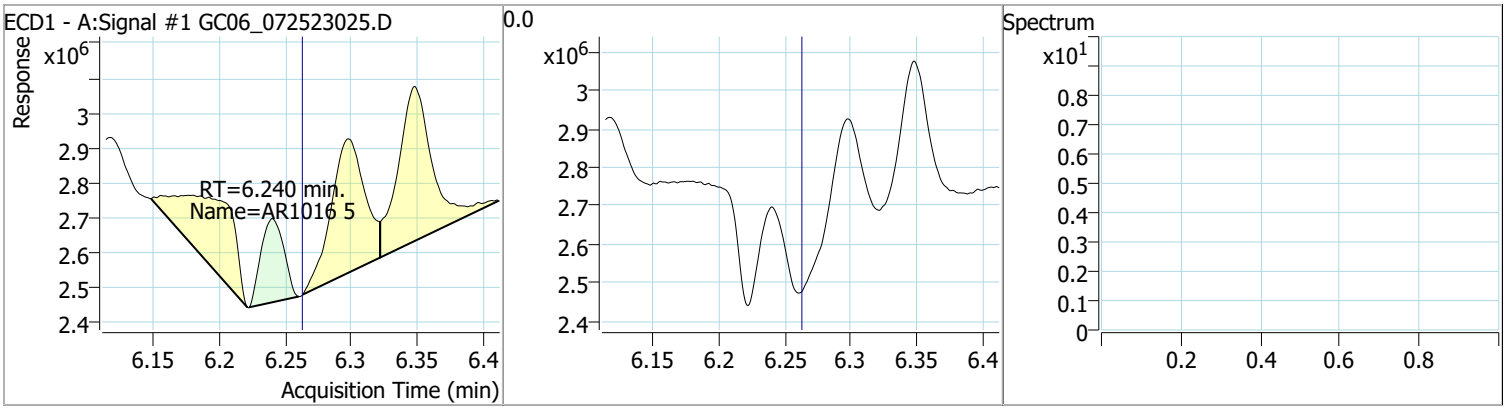
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	57.2246	6.08	0.00	1278550				



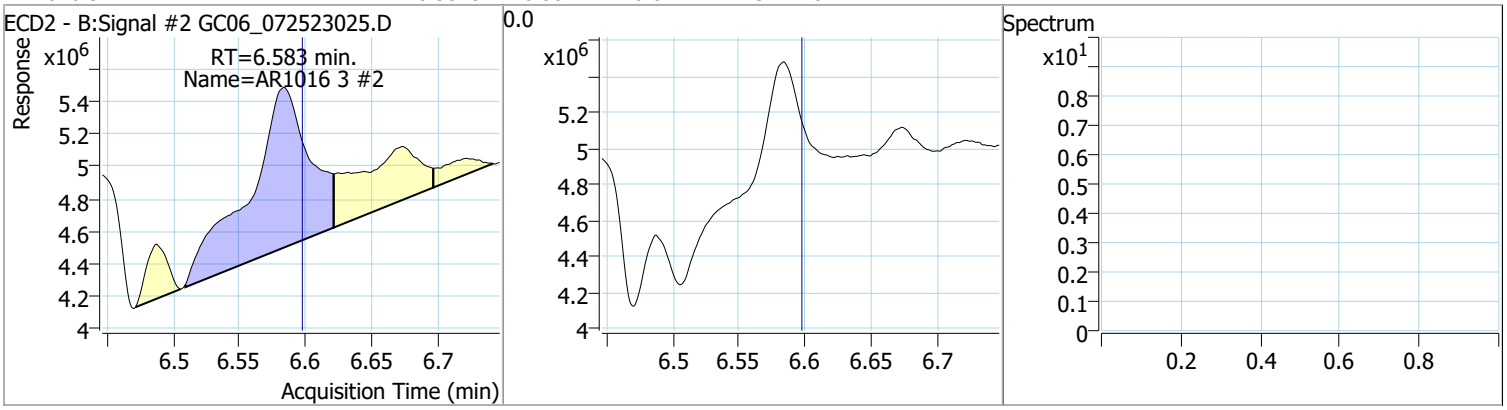
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4	272.6174	6.12	0.03	1923199				



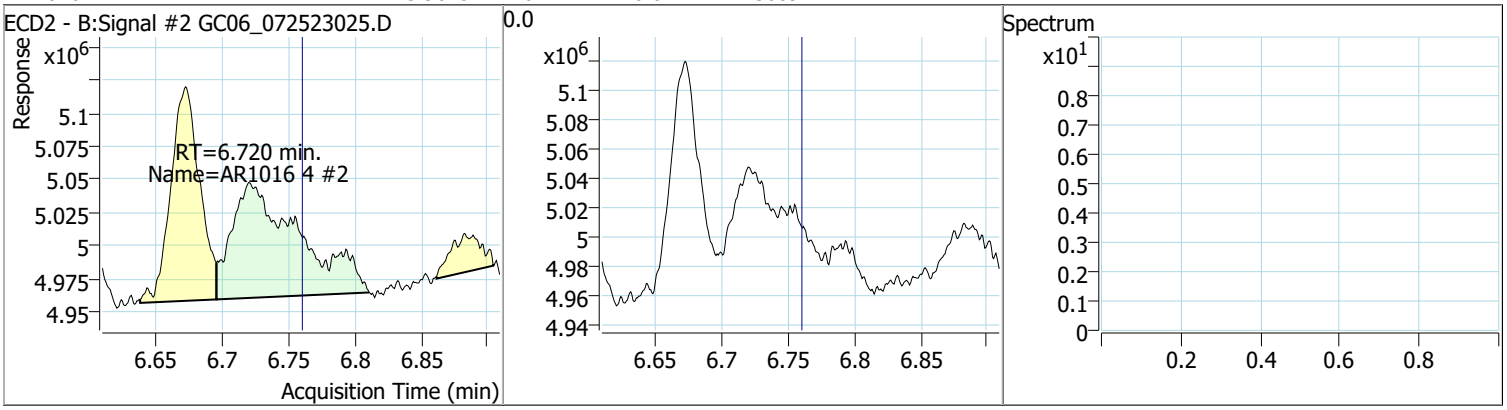
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	53.6407	6.24	-0.03	289411				



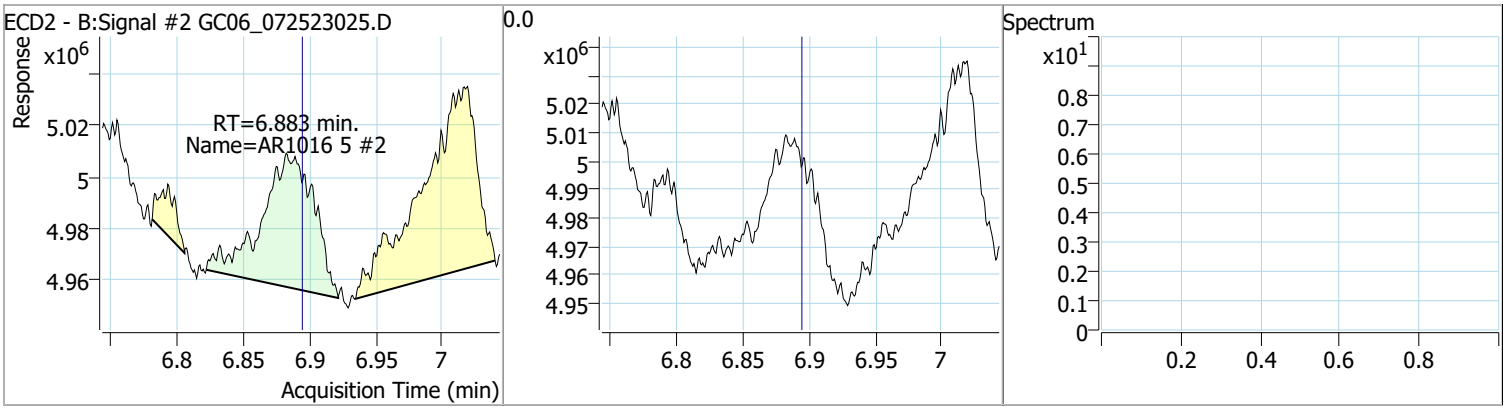
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	115.9573	6.58	-0.01	3117484				



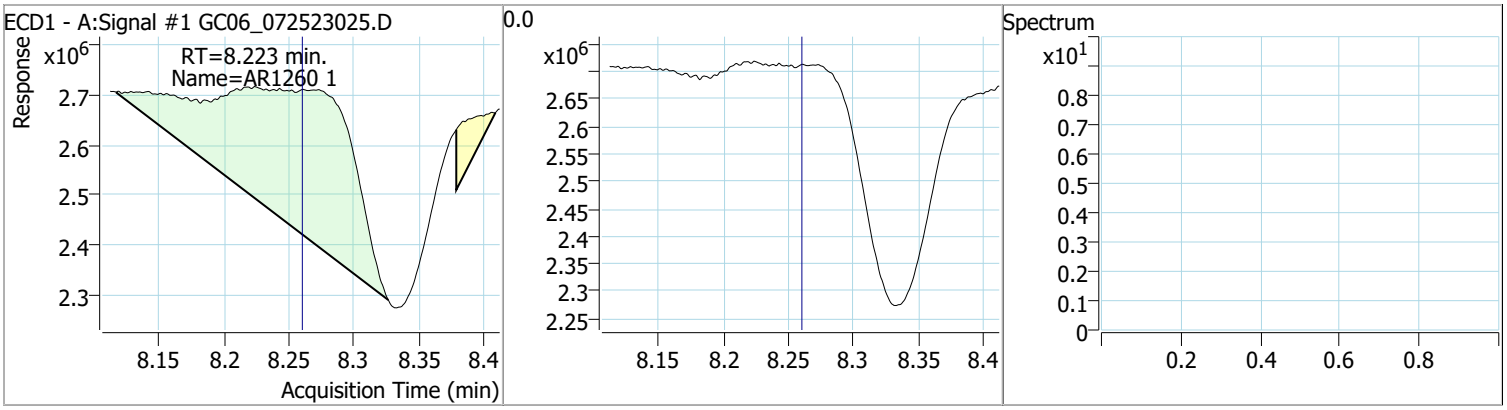
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4 #2	15.9675	6.72	-0.04	308974				



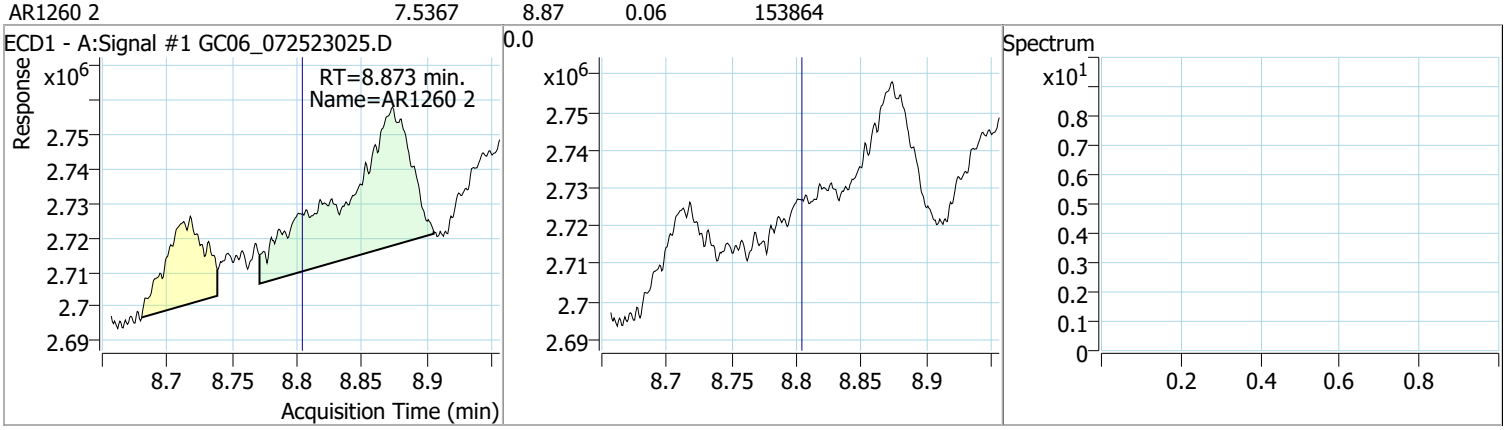
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	13.8516	6.88	-0.01	142972				



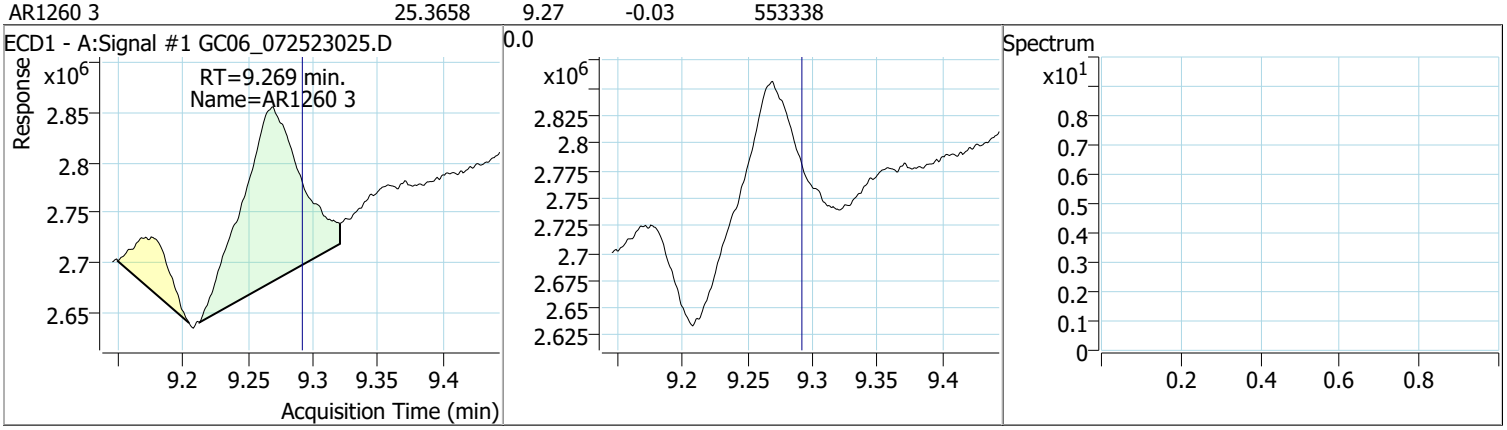
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	156.0758	8.22	-0.04	2087209				



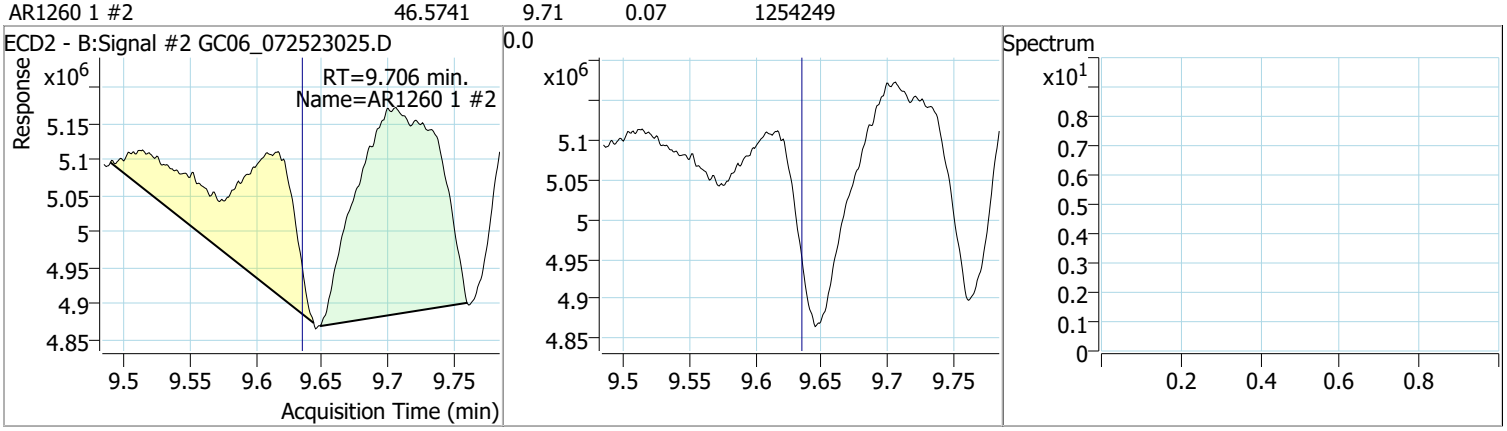
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	7.5367	8.87	0.06	153864				



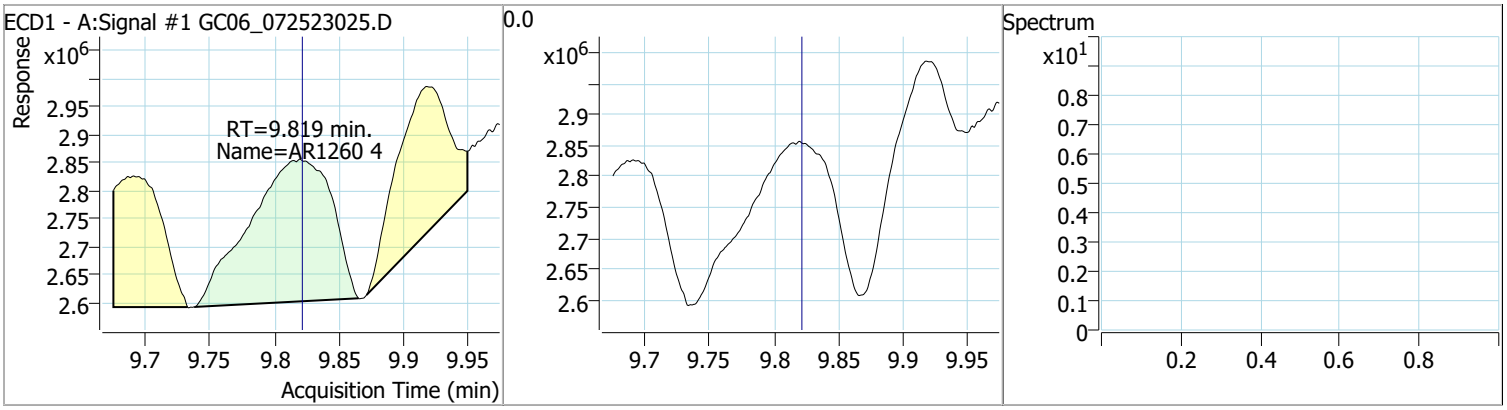
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3	25.3658	9.27	-0.03	553338				



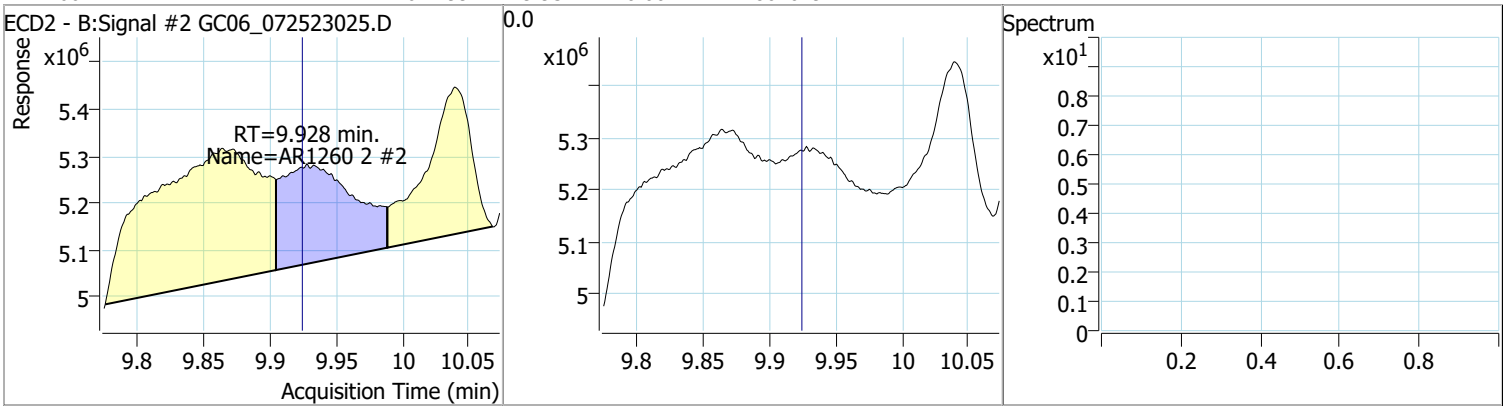
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1 #2	46.5741	9.71	0.07	1254249				



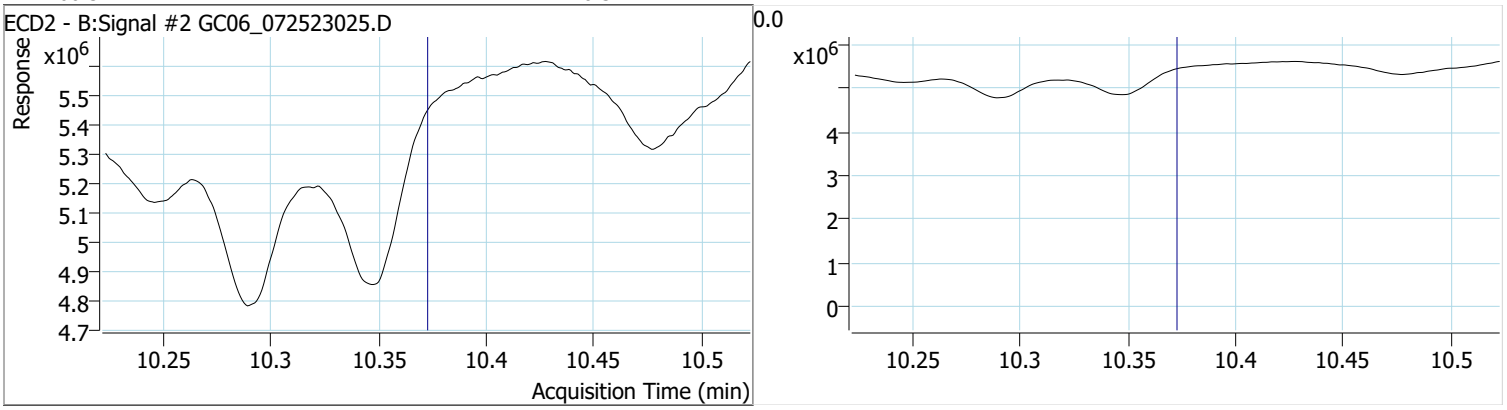
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4	95.3197	9.82	-0.01	1132857				



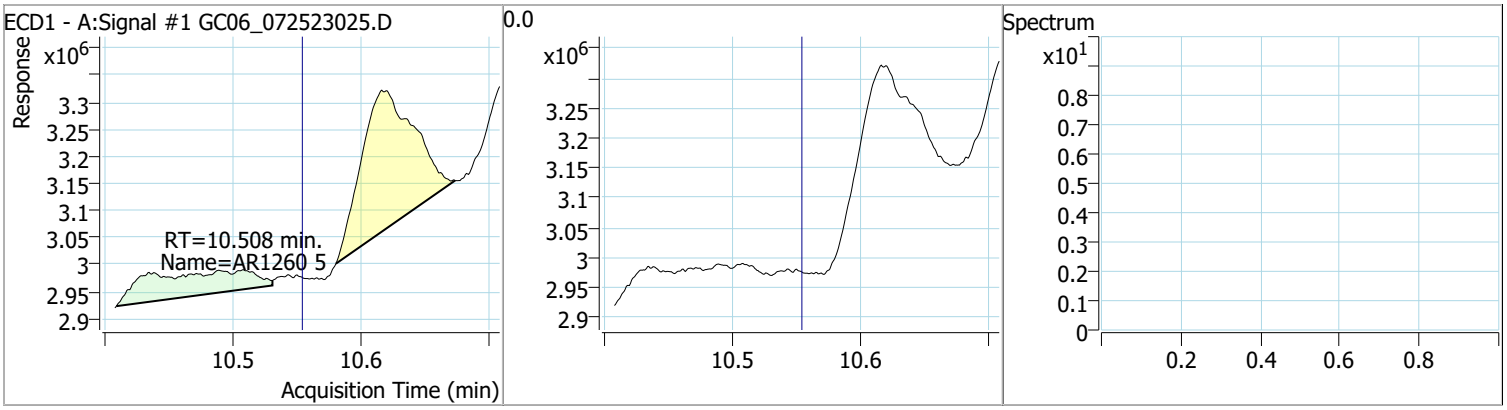
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	26.4799	9.93	0.00	804019				



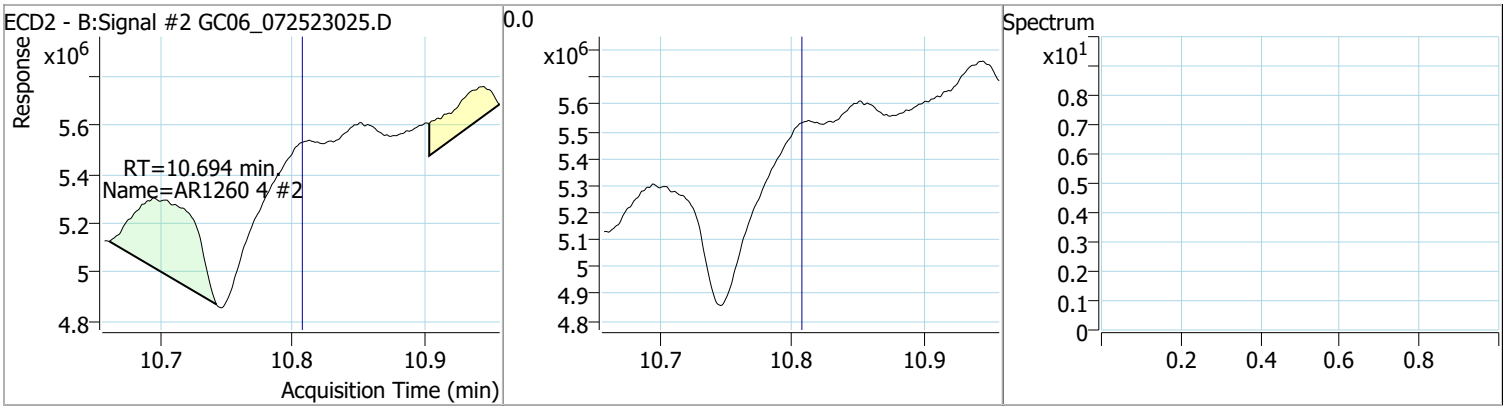
Compound	Conc.	Exp RT	QIon	Exp Ratio
AR1260 3 #2	N.D.	10.37		



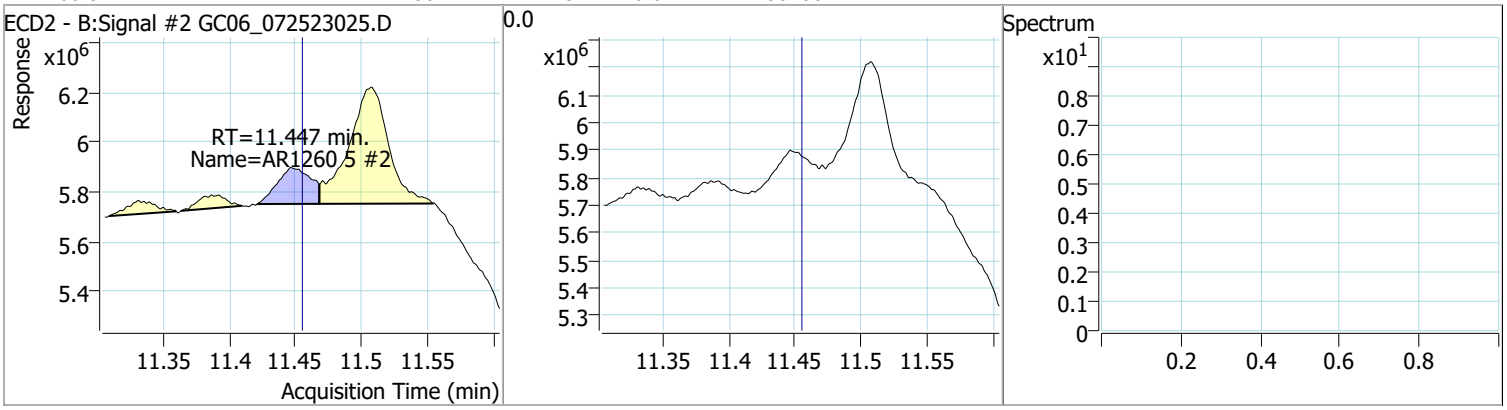
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	13.4764	10.51	-0.05	253249				



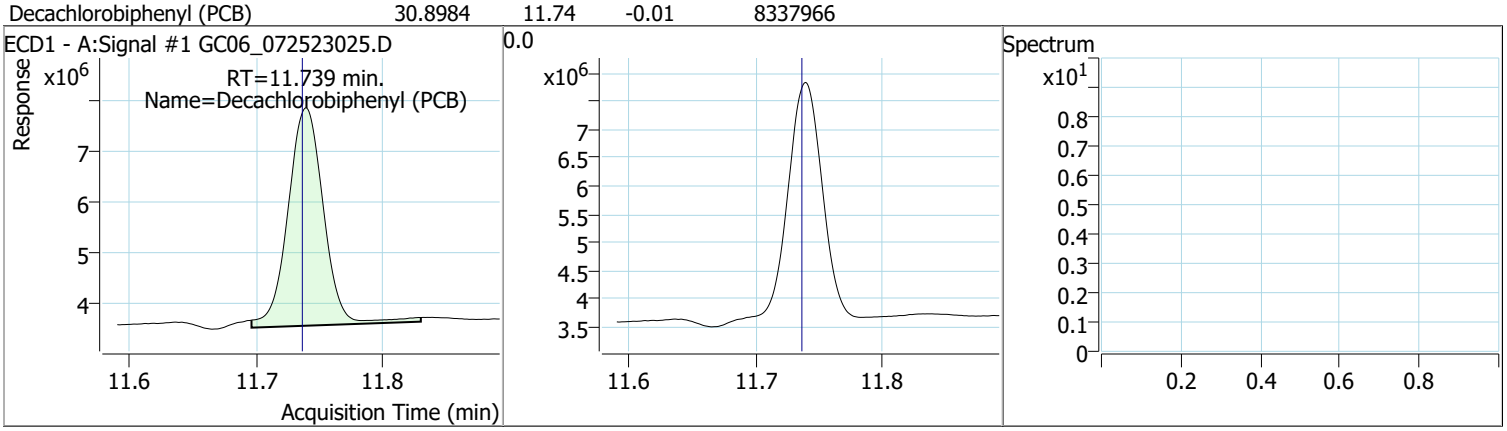
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	43.9434	10.69	-0.11	997320				



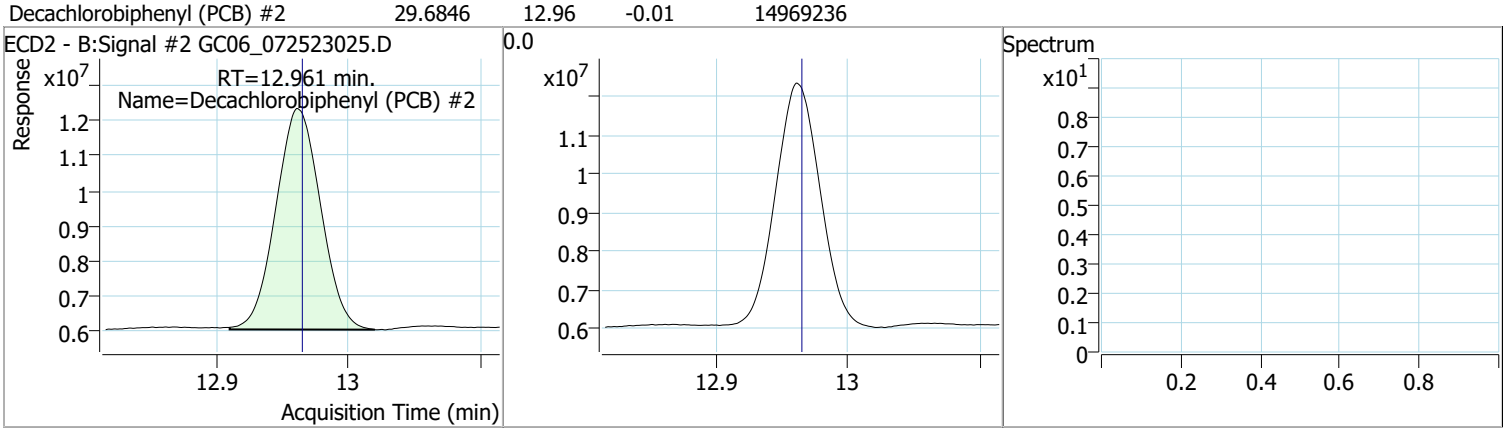
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	7.8641	11.45	-0.01	258700				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	30.8984	11.74	-0.01	8337966				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	29.6846	12.96	-0.01	14969236				



ENTHALPY SAMPLE USER REPORT FOR EPA 8082

Inst:	SVOA-GC06	Lab ID:	489010-017	Client ID:	AFRAME-C6W-LAT-L3-UP-C6.4-DG-230724-P-LA
Seqnum:	453297295026	Matrix:	Wipe	Acct:	RINCON-BERK (JG)
File:	gc06_072523026	Batch:	318888	Time:	25-JUL-2023 21:45
Cal:	453205686001	Caldate:	22-MAY-2023		
IDF:	1.0	Raw Units:	ug/L	Units:	ug/dm2

- 1.00 dm2 ⇨ 10.0 ml = 10.0 ml/dm2 PDF

Analyte	Ch	Raw	Result	Conf	RPD	RL	Blank	Flags
Aroclor-1016	B	51.58	~~0.52~~ ~~FP~~	0.68	27%	0.50		x u
Aroclor-1016 Peak # 1	B	80.88	0.81	0.26	103%			
Aroclor-1016 Peak # 2	B	148.7	1.49	1.13	27%			
Aroclor-1016 Peak # 3	B	8.775	0.09	1.31	175%			
Aroclor-1016 Peak # 4	B	15.38	0.15	0.18	17%			
Aroclor-1016 Peak # 5	B	4.101	0.04	0.50	169%			
Aroclor-1221	B		ND			0.50		u
Aroclor-1232	B		ND			0.50		u
Aroclor-1242	B		ND			0.50		u
Aroclor-1248	B		ND			0.50		u
Aroclor-1254	B		ND			0.50		u
Aroclor-1260	B	45.70	ND	0.65	35%	0.50		u
Aroclor-1260 Peak # 1	B	24.64	0.25	1.87	153%			
Aroclor-1260 Peak # 2	B	73.13	0.73	0.01	194%			
Aroclor-1260 Peak # 3	B	9.647	0.10	0.04	83%			
Aroclor-1260 Peak # 4	B	46.91	0.47	1.18	86%			
Aroclor-1260 Peak # 5	B	74.18	0.74	0.14	135%			
Aroclor-1262	B		ND			0.50		u
Aroclor-1268	B		ND			0.50		u

Surrogate	Ch	Raw	Spiked	Result	%Rec	Limits	Flags
TCMX (PCB)	B	36.57	0.5000	0.3657	73	19-121	c- u
Decachlorobiphenyl (PCB)	B	32.52	0.5000	0.3252	65	19-121	u

NO INTERNAL STANDARD REFERENCE RUN FOUND FOR CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV(internal standard: 1BR2NITROBZ1268, 1BR2NITROBZ1262, 1BR2NITROBZ1232, 1BR2NITROBZ1248, 1BR2NITROBZ1242, 1BR2NITROBZ1221, 1BR2NITROBZ1254)

ISTD (CCV gc06_072523006)	Ch	CCV Abund	SAMPLE Abund	%Drift
1-bromo-2-nitrobenzene (PCB)	B	8843280	8883637	0.46
1-bromo-2-nitrobenzene (PCB)	A	3794782	3070004	-19.10

NO INTERNAL STANDARD REFERENCE RUN FOUND FOR CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV(internal standard: 1BR2NITROBZ1268, 1BR2NITROBZ1262, 1BR2NITROBZ1232, 1BR2NITROBZ1248, 1BR2NITROBZ1242, 1BR2NITROBZ1221, 1BR2NITROBZ1254)

ISTD (CCV gc06_072523006)	Ch	CCV RT	SAMPLE RT	Drift
1-bromo-2-nitrobenzene (PCB)	B	4.29	4.29	0.00
1-bromo-2-nitrobenzene (PCB)	A	4.09	4.07	-0.02

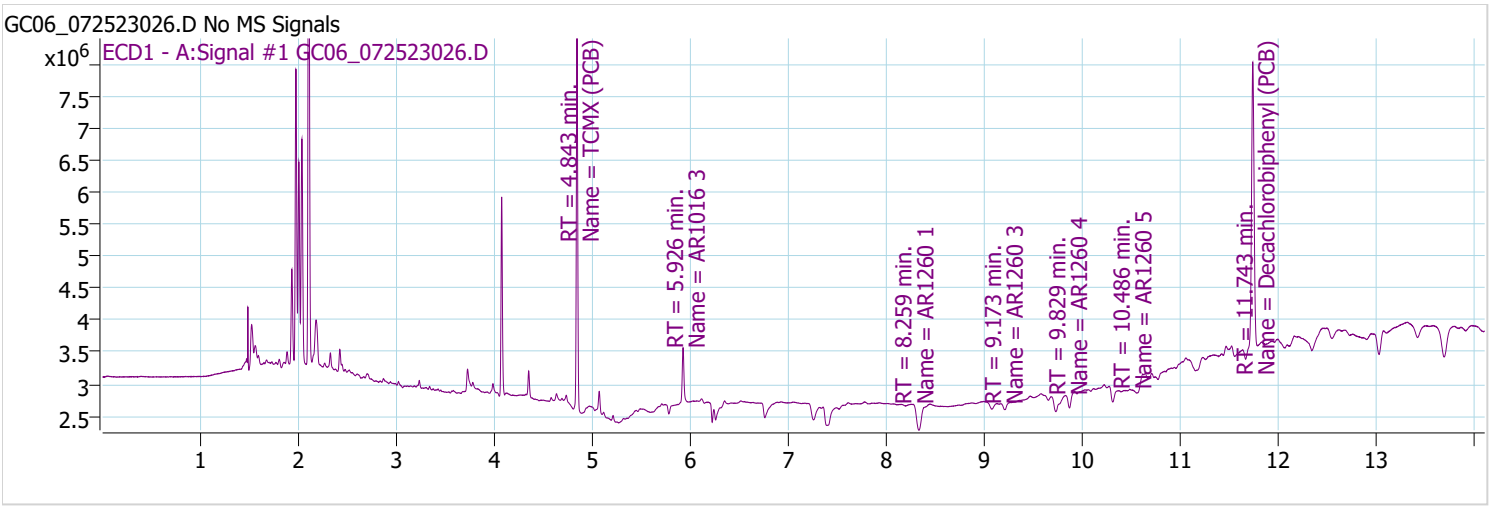
07/26/23 : WIPE/1DM^2.10ML

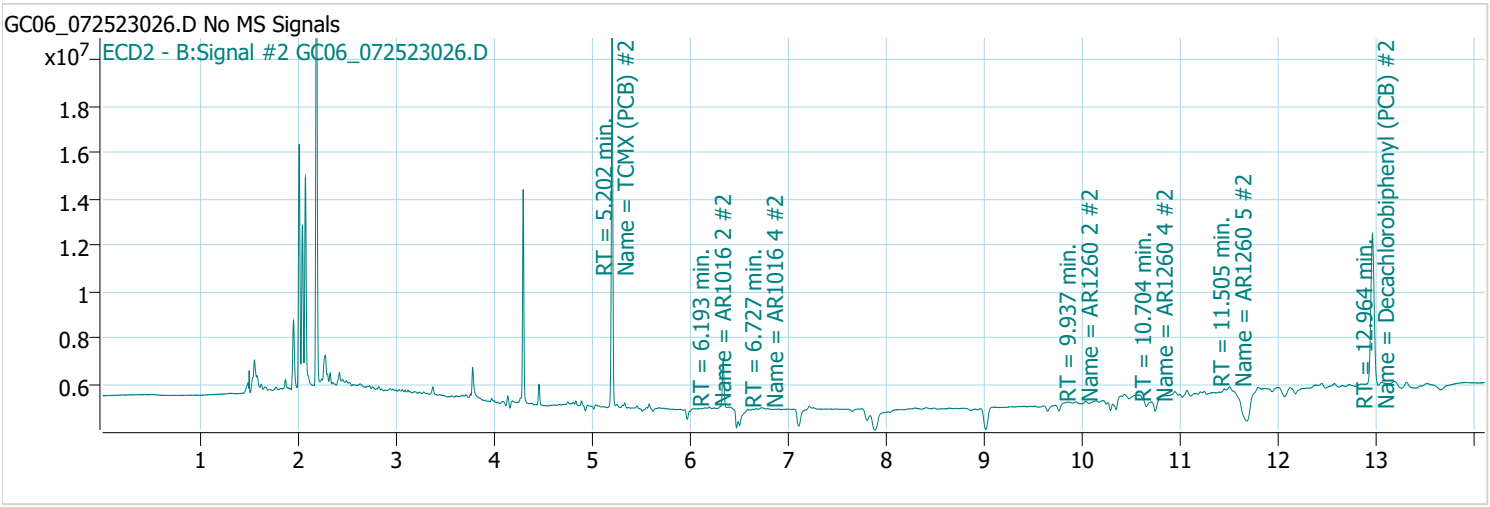
-=low bias c=CCV u=use x=false positive

Analyst: MES 07/26/23 **Reviewer:** MTS 07/27/23

Quantitation Results Report (Not Reviewed)

Data File	GC06_072523026.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	7/25/2023 9:45:37 PM
Sample Name	489010-017, 318888, 1	Instrument	SVOA-GC06
Vial	12	Multiplier	1.00
DA Method File	PCB_608_052323_GC06_36.m	Comment	WIPE/1DM^2.10ML
Tune File	ATUNE.U	Tune Date	
Batch Name	072523PCB.batch.bin	Last Calib Update	5/23/2023 1:46:10 PM
Ref Library			



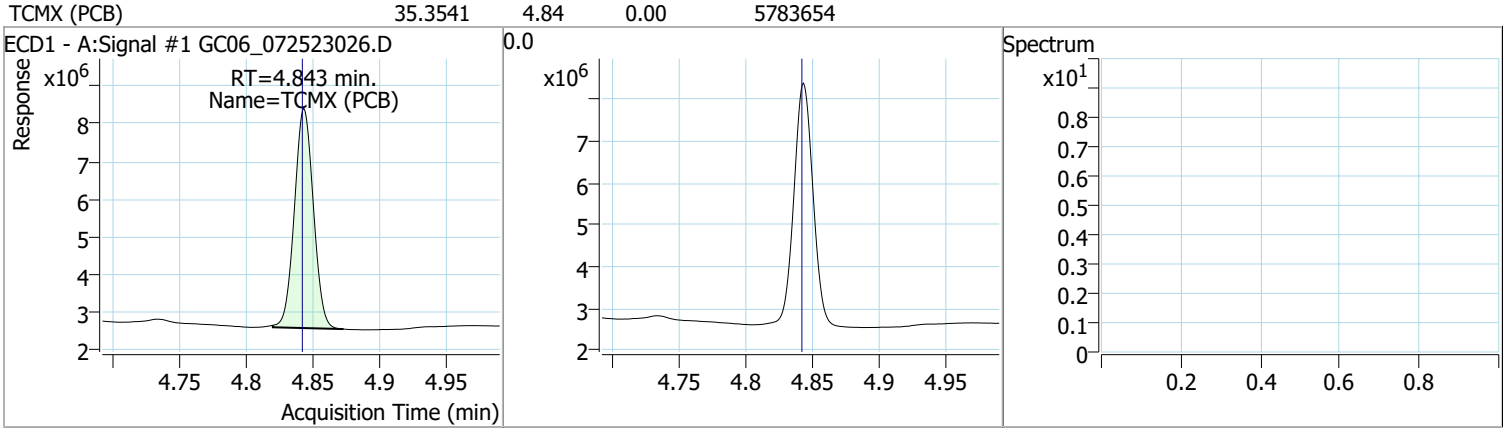


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1-bromo-2-nitrobenzene (PCB)	4.074	0.0	3070004.495	20.0000	ng/ml		-0.002
M 1-bromo-2-nitrobenzene (PCB) #2	4.294	0.0	8883637.126	20.0000	ng/ml		-0.001
System Monitoring Compounds							
S TCMX (PCB)	4.843	0.0	5783654.459	35.3541	ng/ml		-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 176.77%		*	
S TCMX (PCB) #2	5.202	0.0	17233937.611	36.5718	ng/ml		-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 182.86%		*	
S Decachlorobiphenyl (PCB)	11.743	0.0	8728178.008	42.6059	ng/ml		-0.002
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 213.03%		*	
S Decachlorobiphenyl (PCB) #2	12.964	0.0	15257725.734	32.5231	ng/ml		-0.002
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 162.62%		*	
Target Compounds							QValue

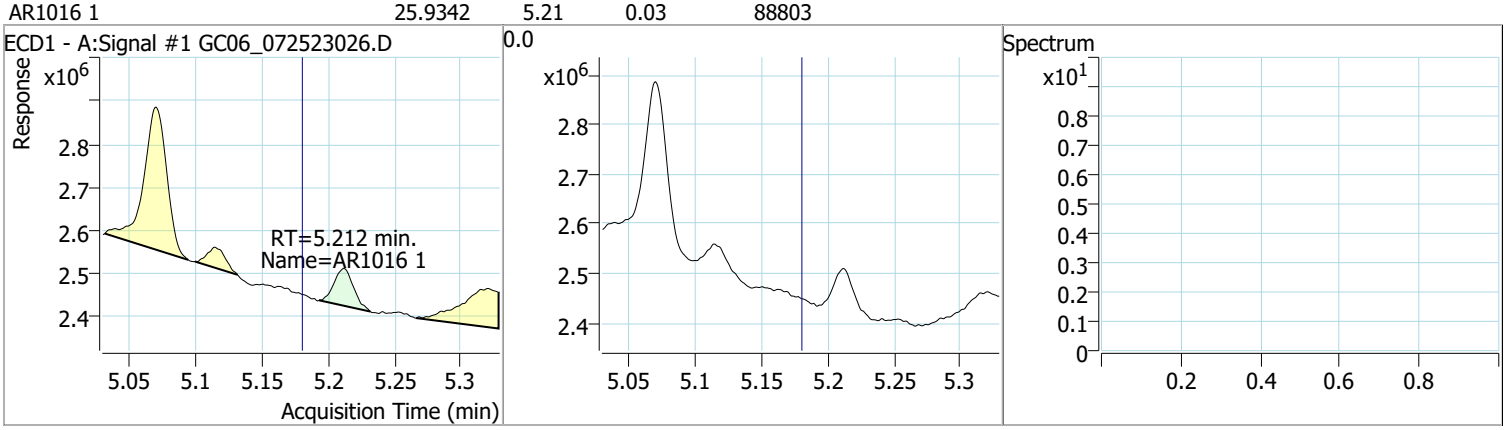
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T AR1016 1	5.212	0.0	88802.945	25.9342	ng/ml	100
T AR1016 2	5.491	0.0	788754.147	113.4620	ng/ml	100
T AR1016 1 #2	5.683	0.0	748436.655	80.8848	ng/ml	100
T AR1016 3	5.926	0.0	1161107.041	130.6768	ng/ml	100
T AR1016 2 #2	6.193	0.0	3091682.979	148.7408	ng/ml	100
T AR1016 4	6.060	0.0	97575.727	18.2197	ng/ml	100
T AR1016 5	6.241	0.0	202906.400	49.5387	ng/ml	100
T AR1016 3 #2	6.488	0.0	219478.685	8.7752	ng/ml	100
T AR1016 4 #2	6.727	0.0	276958.448	15.3851	ng/ml	100
T AR1016 5 #2	6.895	0.0	39376.803	4.1007	ng/ml	100
T AR1260 1	8.259	0.0	1900218.206	187.1728	ng/ml	100
T AR1260 2	8.747	0.0	18646.894	1.2032	ng/ml	100
T AR1260 3	9.173	0.0	66339.507	4.0059	ng/ml	100
T AR1260 1 #2	9.607	0.0	617335.504	24.6406	ng/ml	100
T AR1260 4	9.829	0.0	1062309.474	117.7412	ng/ml	100
T AR1260 2 #2	9.937	0.0	2065786.361	73.1317	ng/ml	100
T AR1260 3 #2	10.311	0.0	348724.255	9.6471	ng/ml	100
T AR1260 5	10.486	0.0	206405.466	14.4683	ng/ml	100
T AR1260 4 #2	10.704	0.0	990532.607	46.9135	ng/ml	100
T AR1260 5 #2	11.505	0.0	2270256.933	74.1823	ng/ml	100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

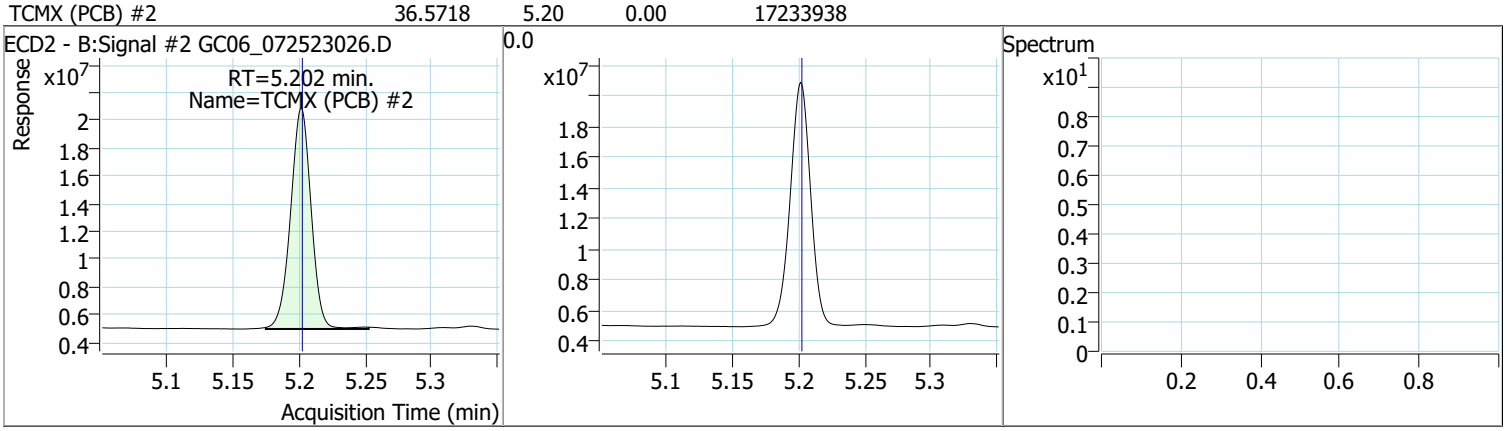
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	35.3541	4.84	0.00	5783654				



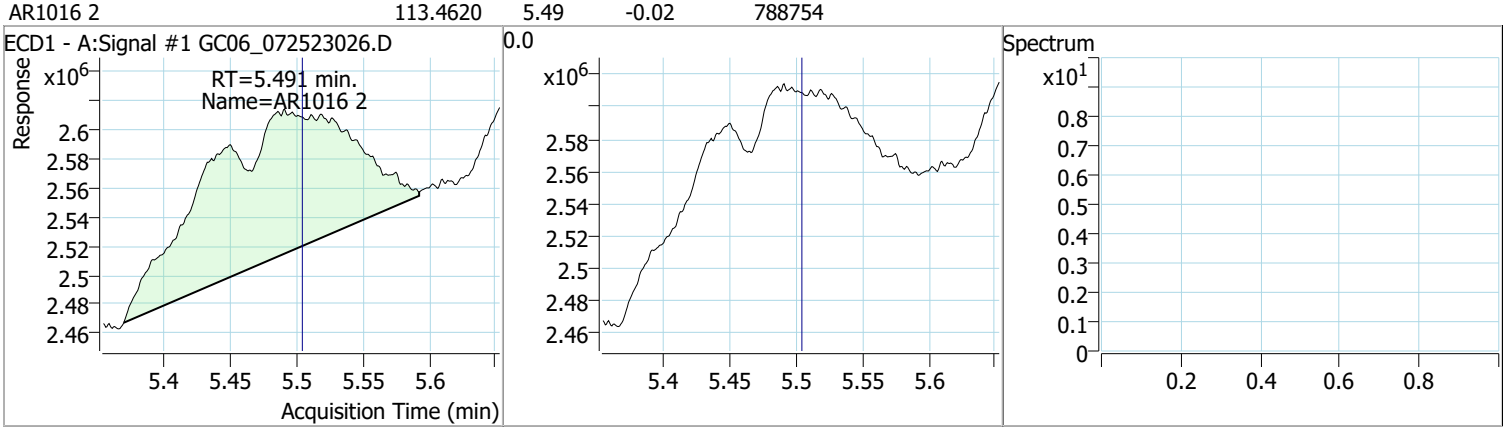
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	25.9342	5.21	0.03	88803				



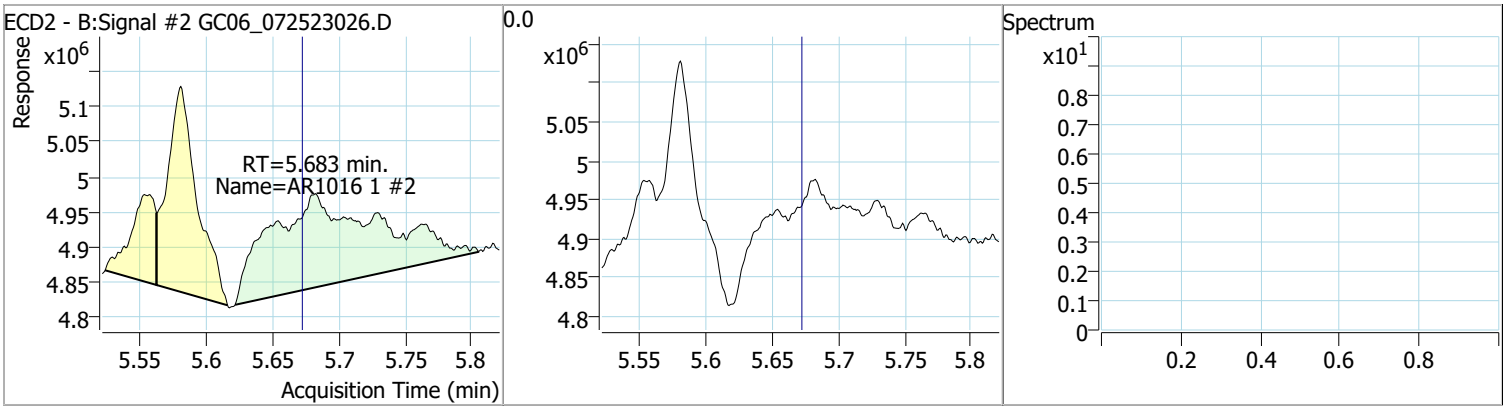
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB) #2	36.5718	5.20	0.00	17233938				



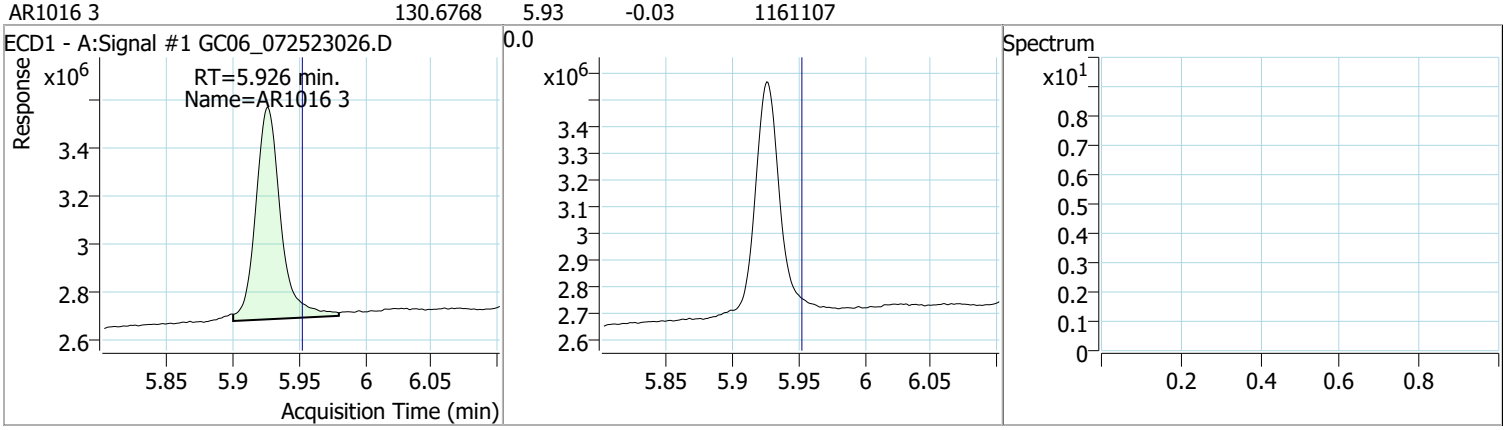
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	113.4620	5.49	-0.02	788754				



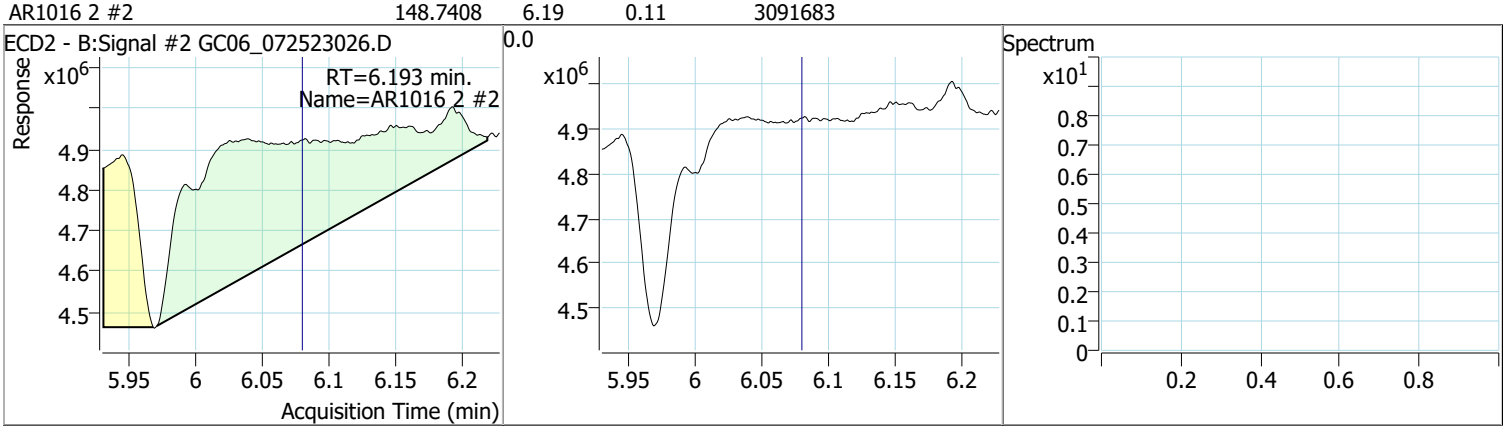
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1 #2	80.8848	5.68	0.01	748437				



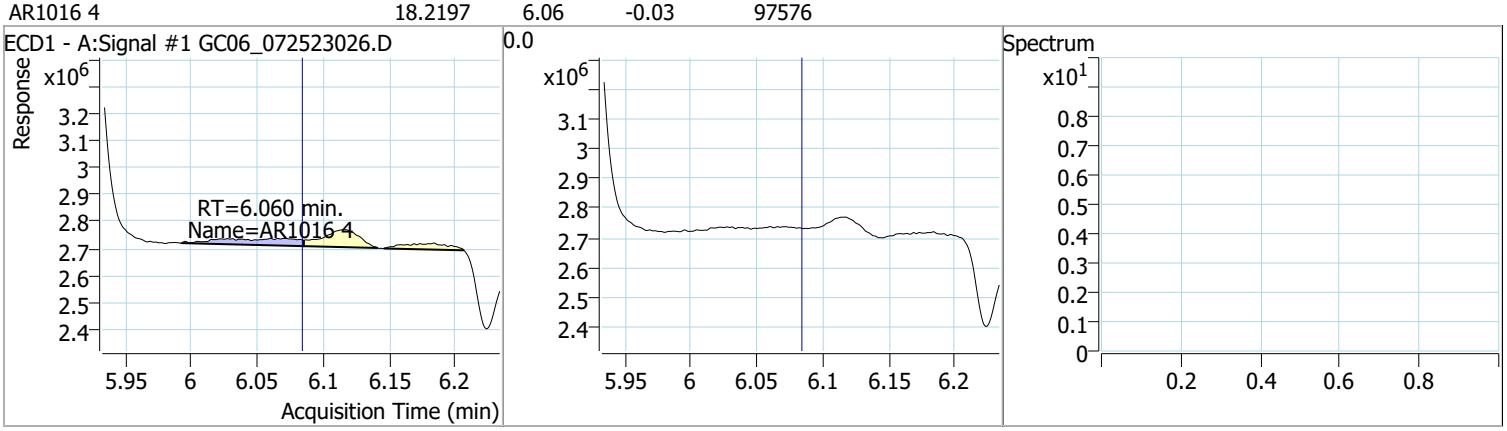
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	130.6768	5.93	-0.03	1161107				



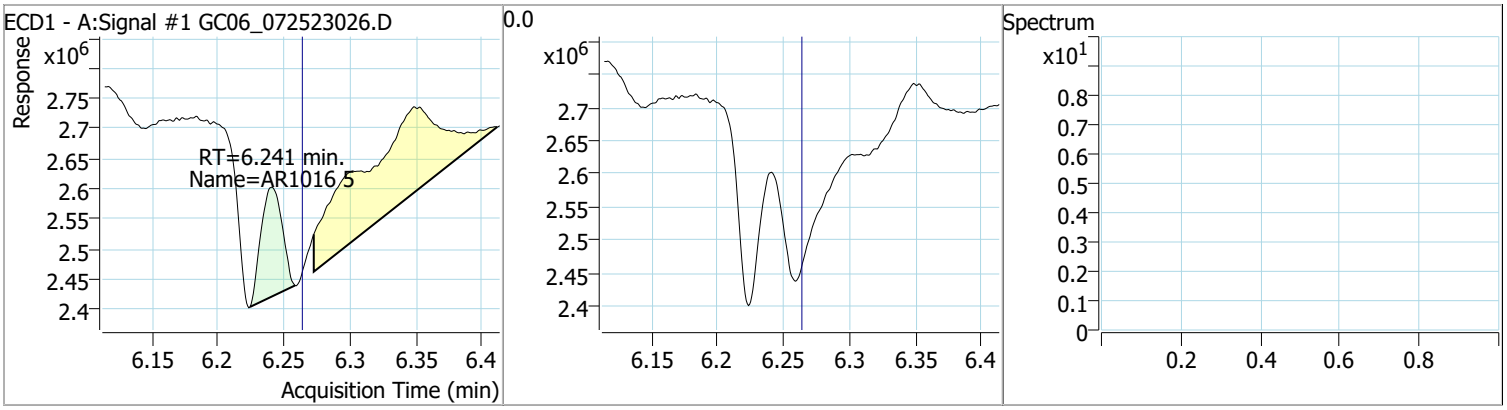
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	148.7408	6.19	0.11	3091683				



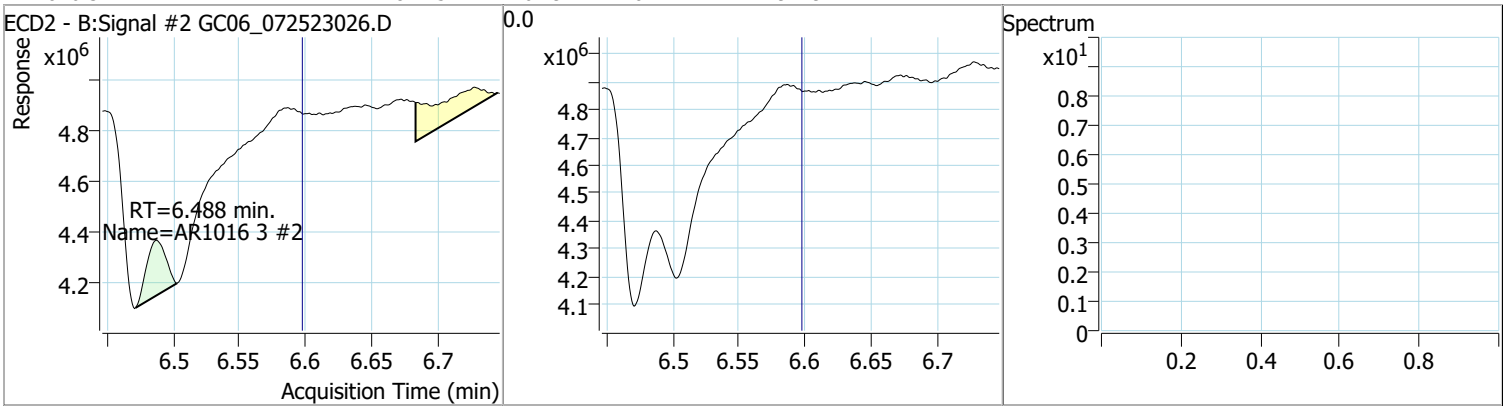
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4	18.2197	6.06	-0.03	97576				



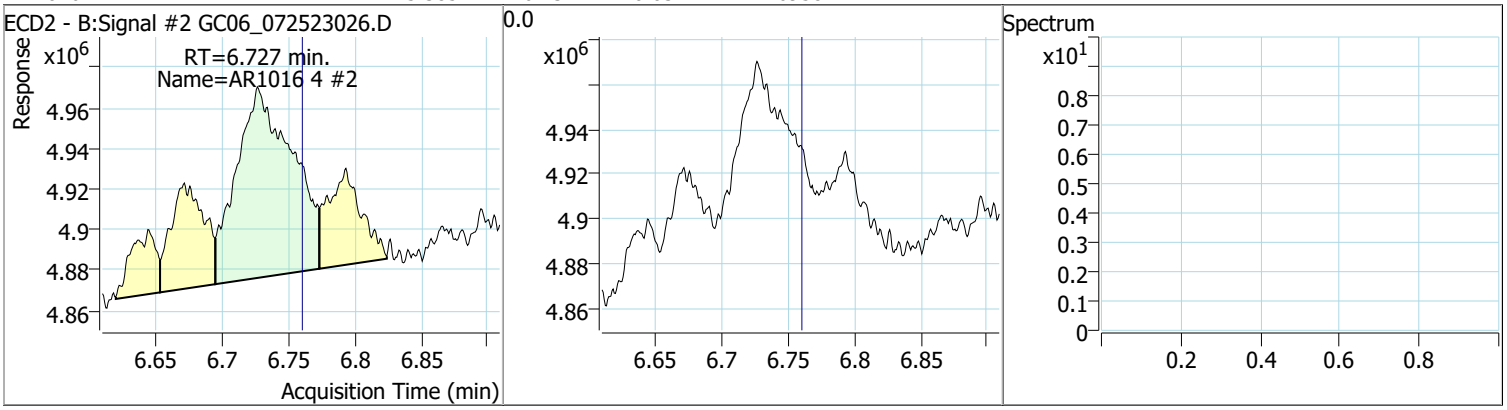
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	49.5387	6.24	-0.03	202906				



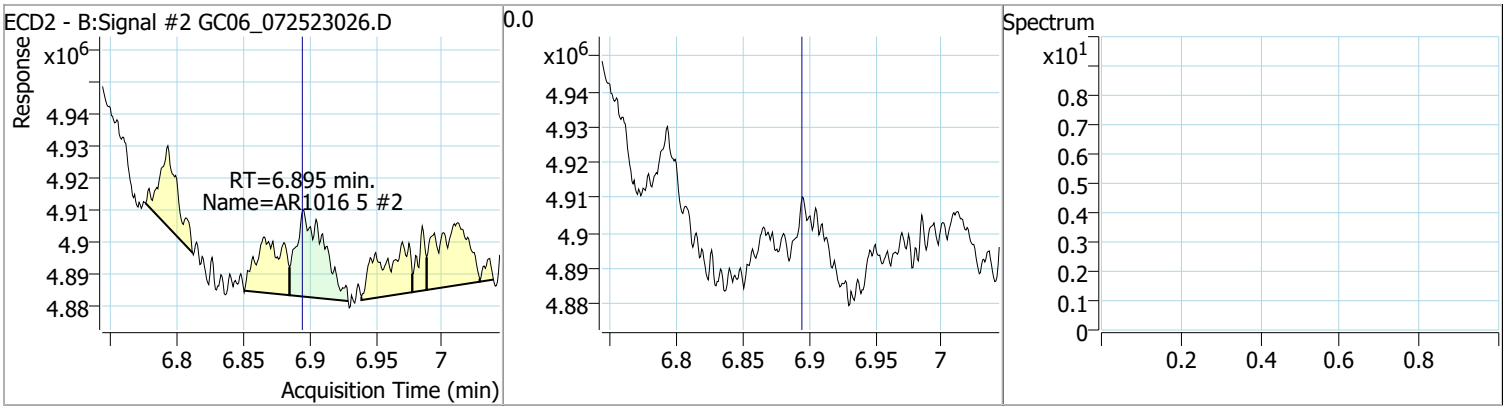
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	8.7752	6.49	-0.11	219479				



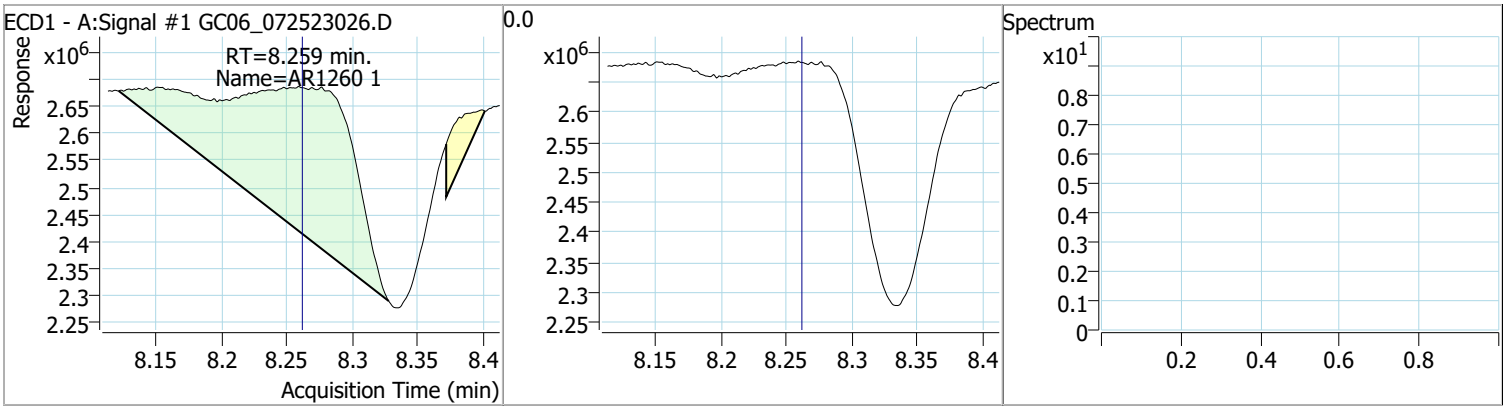
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AR1016 4 #2	15.3851	6.73	-0.03	276958				



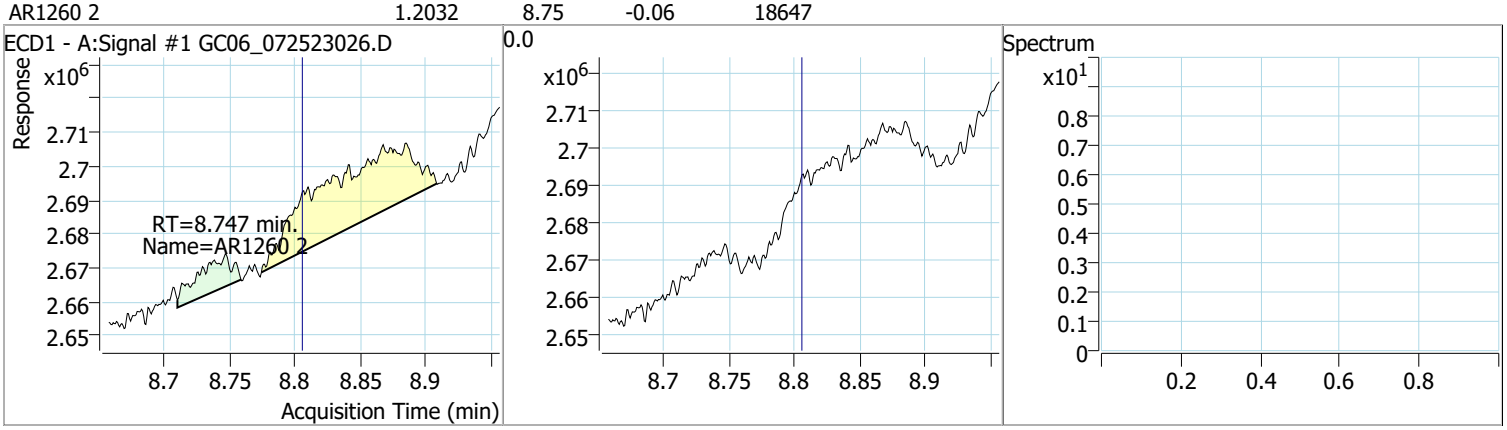
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	4.1007	6.90	0.00	39377				



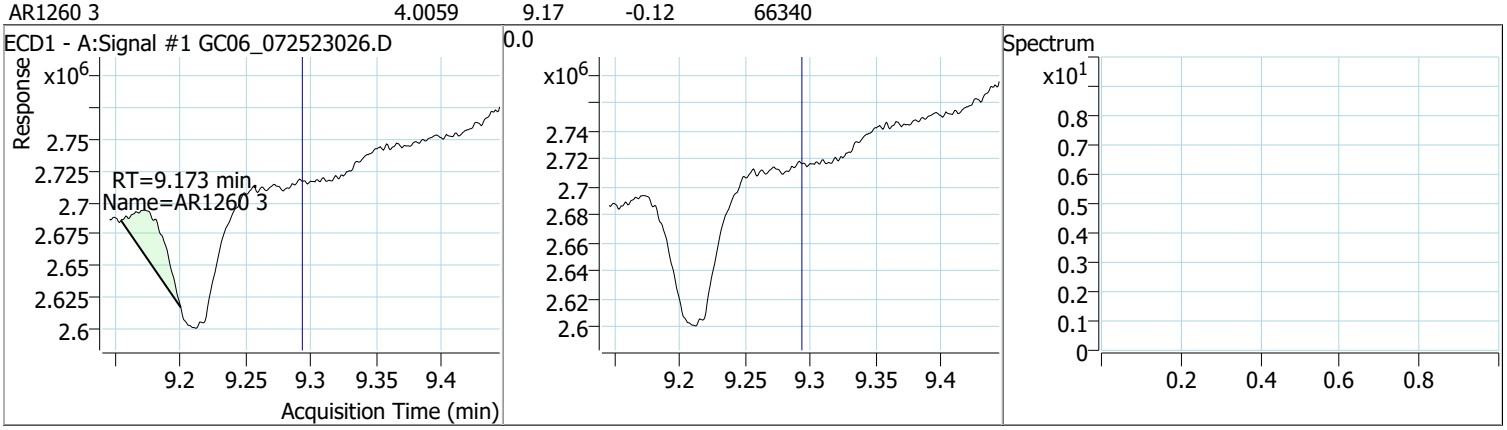
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	187.1728	8.26	-0.01	1900218				



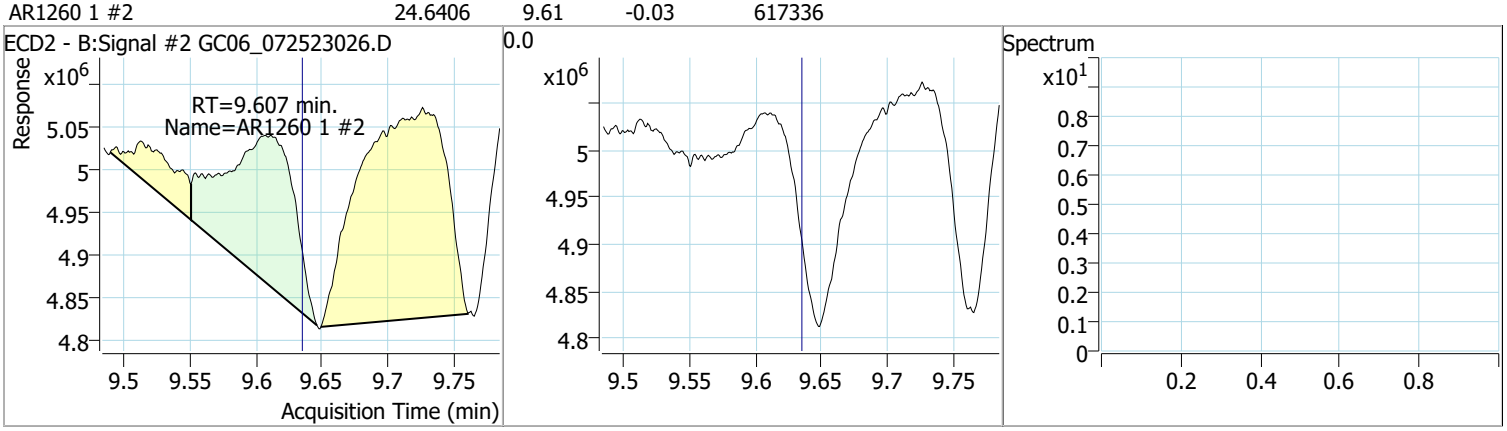
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	1.2032	8.75	-0.06	18647				



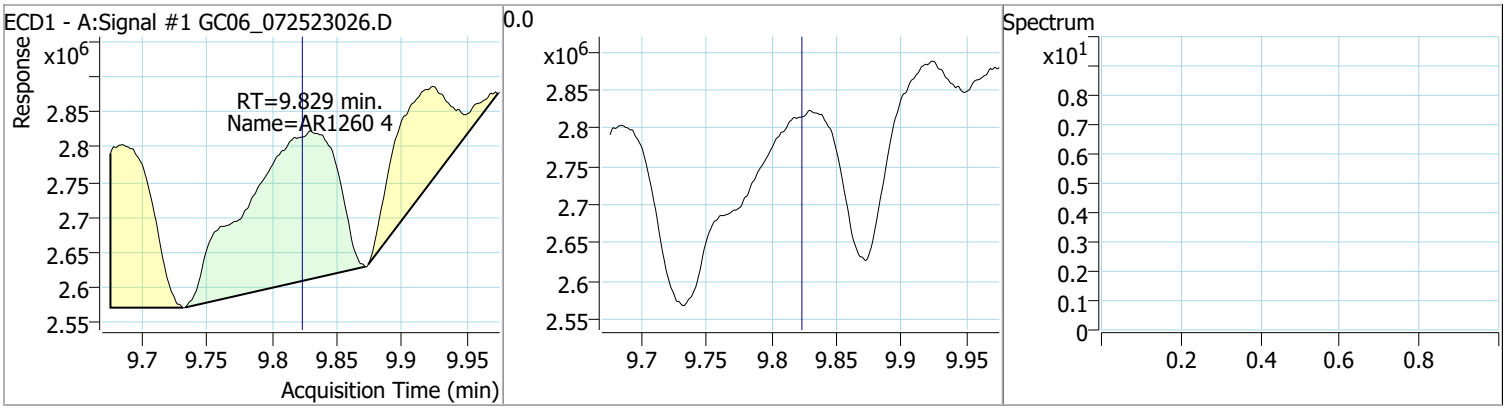
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3	4.0059	9.17	-0.12	66340				



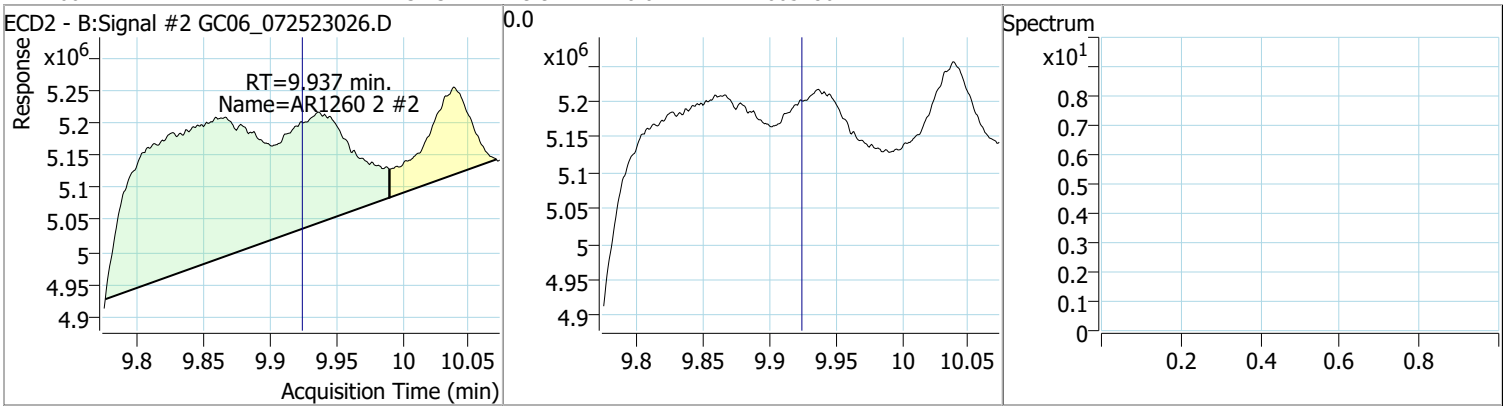
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1 #2	24.6406	9.61	-0.03	617336				



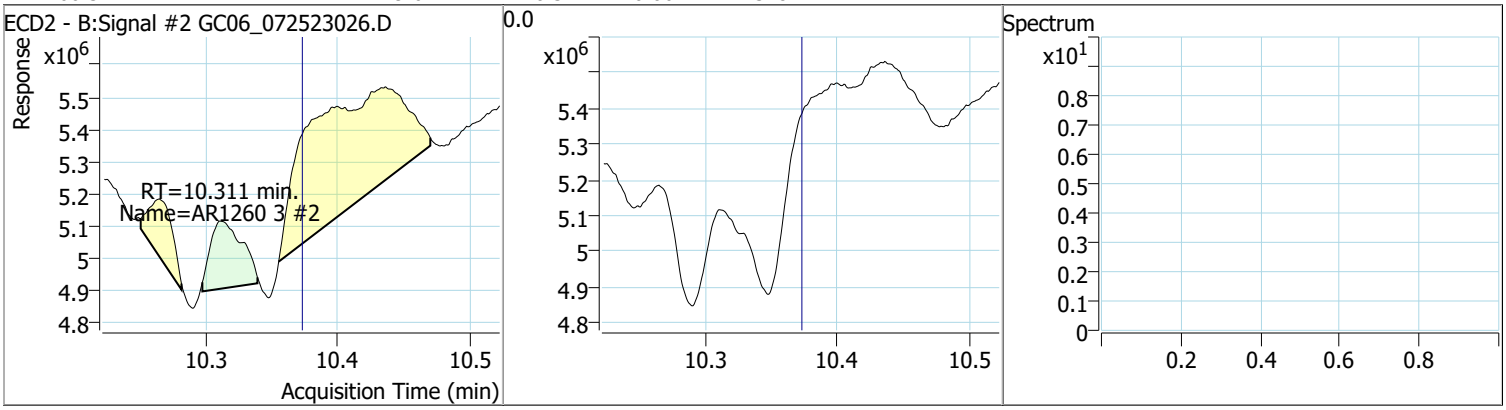
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4	117.7412	9.83	0.00	1062309				



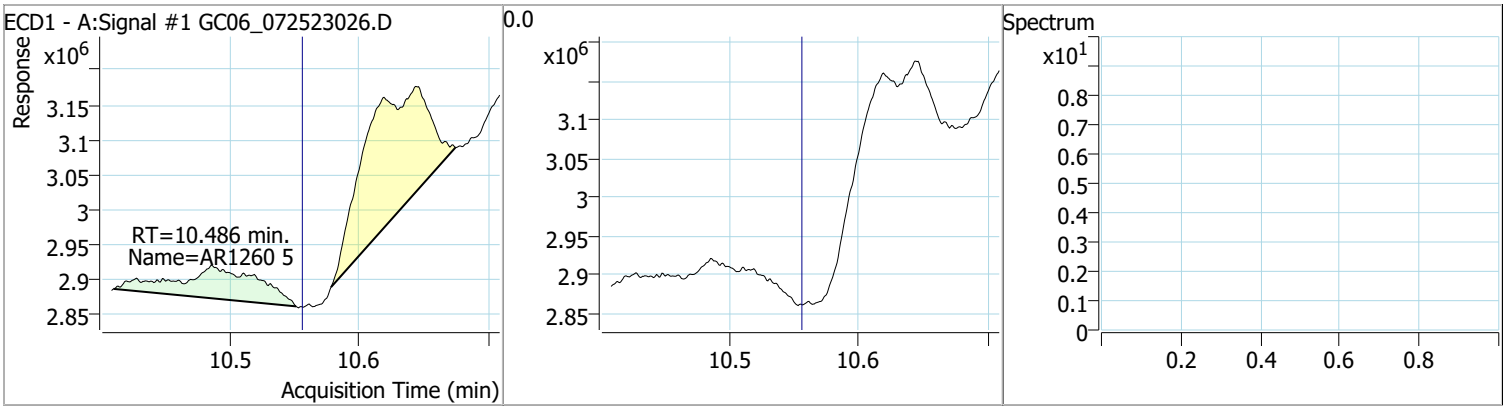
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	73.1317	9.94	0.01	2065786				



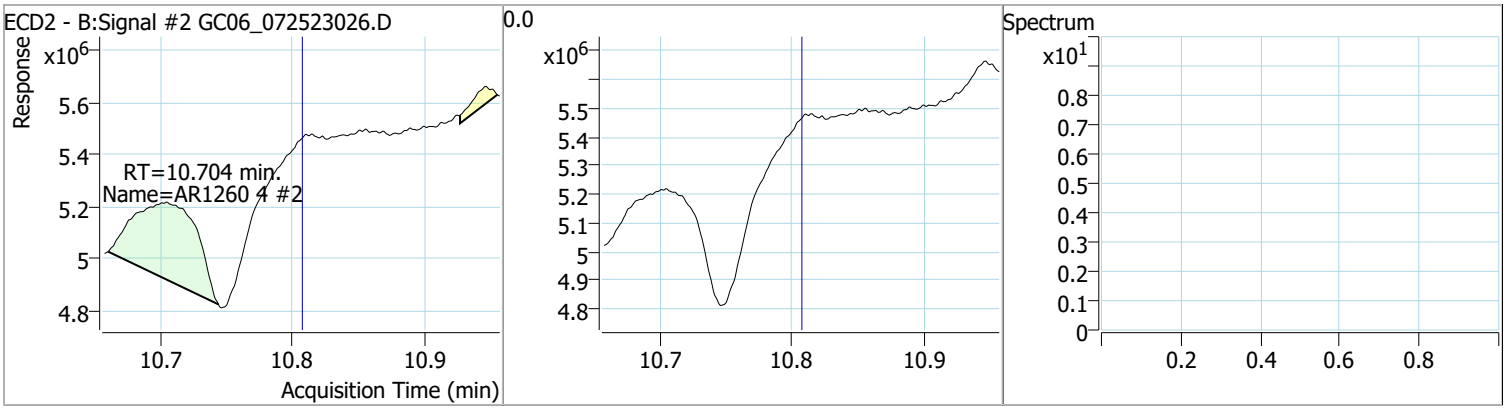
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3 #2	9.6471	10.31	-0.06	348724				



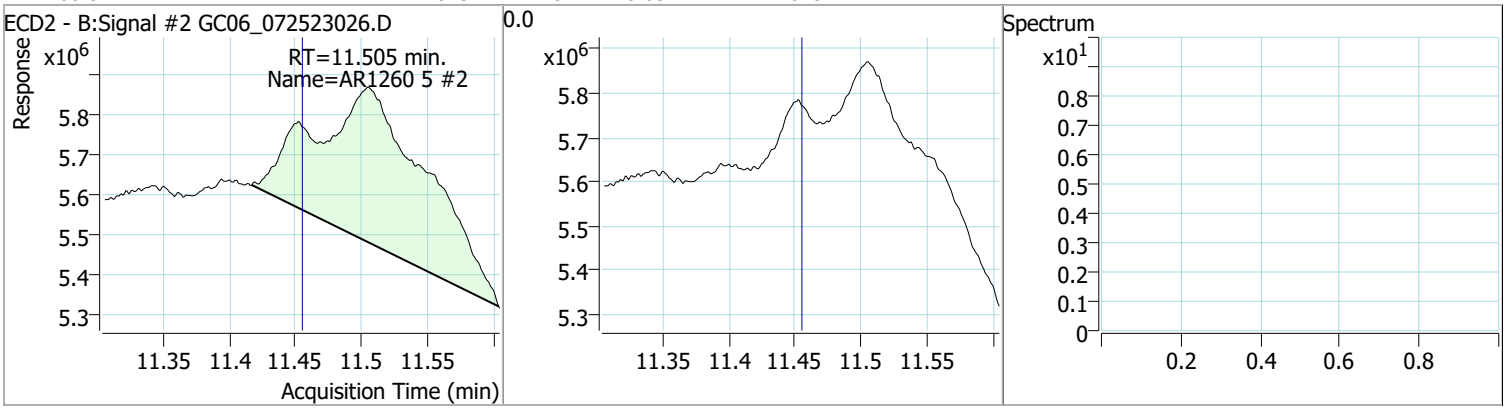
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	14.4683	10.49	-0.08	206405				



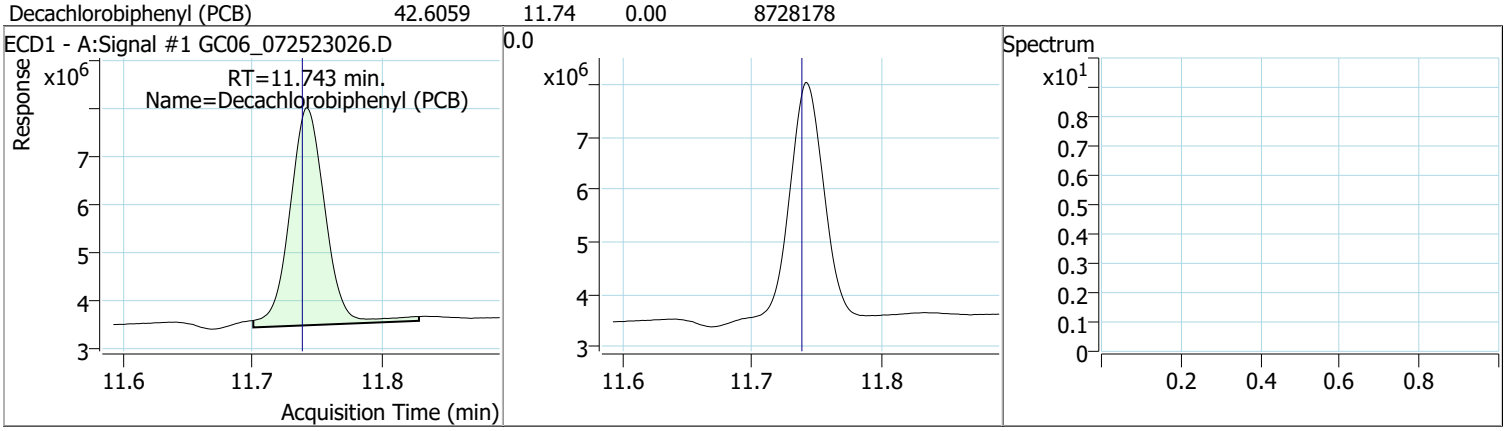
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	46.9135	10.70	-0.10	990533				



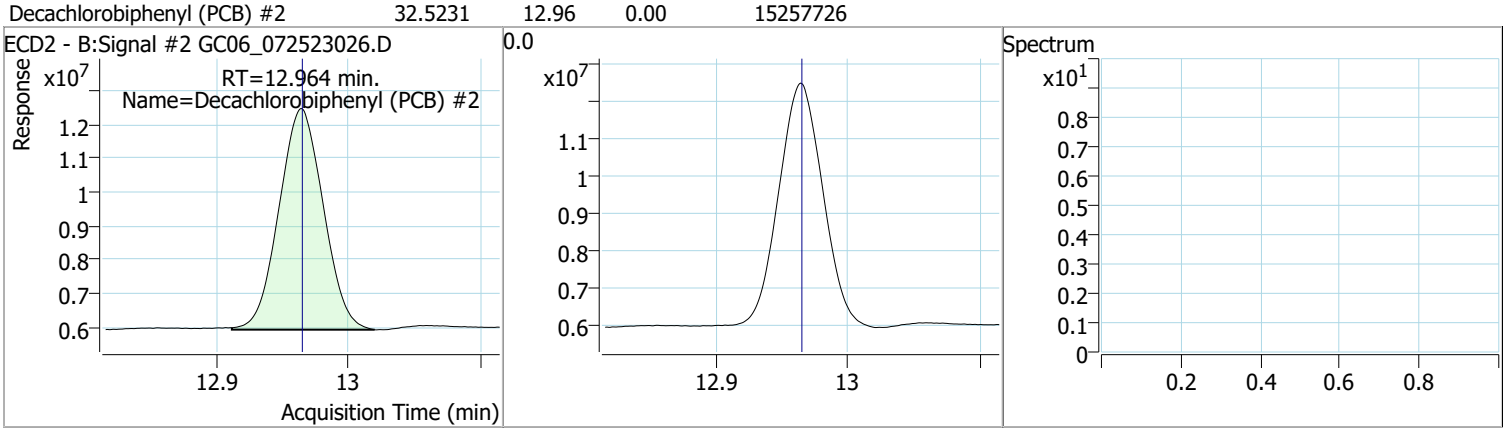
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	74.1823	11.51	0.05	2270257				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	42.6059	11.74	0.00	8728178				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	32.5231	12.96	0.00	15257726				



ENTHALPY SAMPLE USER REPORT FOR EPA 8082

Inst:	SVOA-GC06	Lab ID:	489010-019	Client ID:	AFRAME-C6W-MED-L3-UP-C6W-DG-230724-P-LA
Seqnum:	453297295027	Matrix:	Wipe	Acct:	RINCON-BERK (JG)
File:	gc06_072523027	Batch:	318888	Time:	25-JUL-2023 22:03
Cal:	453205686001	Caldate:	22-MAY-2023		
IDF:	1.0	Raw Units:	ug/L	Units:	ug/dm2

- 1.00 dm2 ⇨ 10.0 ml = 10.0 ml/dm2 PDF

Analyte	Ch	Raw	Result	Conf	RPD	RL	Blank	Flags
Aroclor-1016	B	76.94	~~0.77~~ ~~FP~~	1.2	46%	0.50		x u
Aroclor-1016 Peak # 1	B	16.74	0.17	0.21	21%			
Aroclor-1016 Peak # 2	B	158.8	1.59	0.60	90%			
Aroclor-1016 Peak # 3	B	192.0	1.92	0.57	108%			
Aroclor-1016 Peak # 4	B	5.818	0.06	4.37	195%			
Aroclor-1016 Peak # 5	B	11.32	0.11	0.42	114%			
Aroclor-1221	B		ND			0.50		u
Aroclor-1232	B		ND			0.50		u
Aroclor-1242	B		ND			0.50		u
Aroclor-1248	B		ND			0.50		u
Aroclor-1254	B		ND			0.50		u
Aroclor-1260	B	29.77	ND	0.56	61%	0.50		u
Aroclor-1260 Peak # 1	B	31.93	0.32	1.47	129%			
Aroclor-1260 Peak # 2	B	24.10	0.24	0.06	120%			
Aroclor-1260 Peak # 3	B	16.84	0.17	0.18	7%			
Aroclor-1260 Peak # 4	B	69.82	0.70	0.89	24%			
Aroclor-1260 Peak # 5	B	6.151	0.06	0.20	107%			
Aroclor-1262	B		ND			0.50		u
Aroclor-1268	B		ND			0.50		u

Surrogate	Ch	Raw	Spiked	Result	%Rec	Limits	Flags
TCMX (PCB)	B	30.66	0.5000	0.3066	61	19-121	c- u
Decachlorobiphenyl (PCB)	B	28.00	0.5000	0.2800	56	19-121	u

NO INTERNAL STANDARD REFERENCE RUN FOUND FOR CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV(internal standard: 1BR2NITROBZ1268, 1BR2NITROBZ1262, 1BR2NITROBZ1232, 1BR2NITROBZ1248, 1BR2NITROBZ1242, 1BR2NITROBZ1221, 1BR2NITROBZ1254)

ISTD (CCV gc06_072523006)	Ch	CCV Abund	SAMPLE Abund	%Drift
1-bromo-2-nitrobenzene (PCB)	B	8843280	8906986	0.72
1-bromo-2-nitrobenzene (PCB)	A	3794782	3724620	-1.85

NO INTERNAL STANDARD REFERENCE RUN FOUND FOR CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV(internal standard: 1BR2NITROBZ1268, 1BR2NITROBZ1262, 1BR2NITROBZ1232, 1BR2NITROBZ1248, 1BR2NITROBZ1242, 1BR2NITROBZ1221, 1BR2NITROBZ1254)

ISTD (CCV gc06_072523006)	Ch	CCV RT	SAMPLE RT	Drift
1-bromo-2-nitrobenzene (PCB)	B	4.29	4.29	0.00
1-bromo-2-nitrobenzene (PCB)	A	4.09	4.07	-0.02

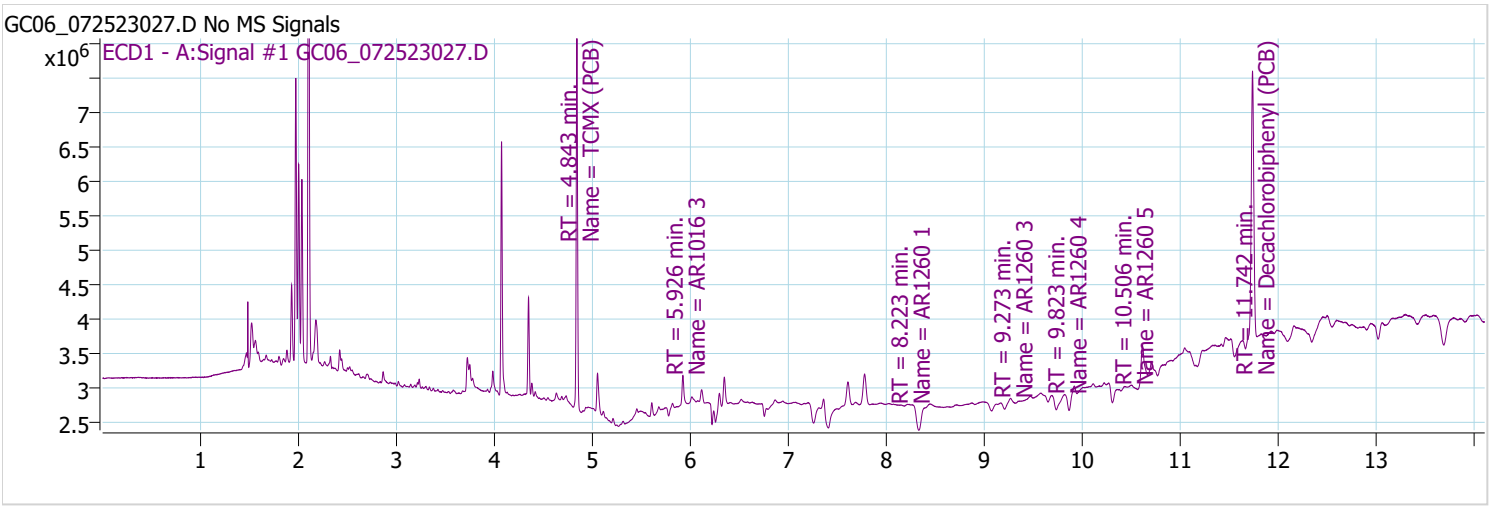
07/26/23 : WIPE/1DM^2.10ML

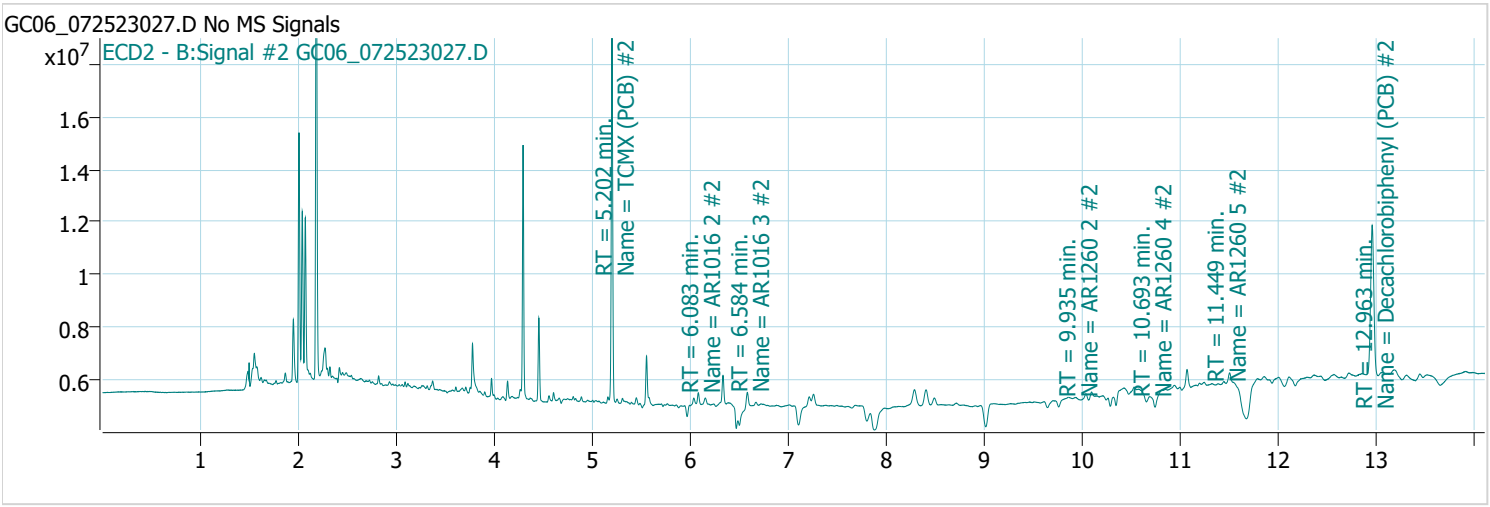
-=low bias c=CCV u=use x=false positive

Analyst: MES 07/26/23 **Reviewer:** MTS 07/27/23

Quantitation Results Report (Not Reviewed)

Data File	GC06_072523027.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	7/25/2023 10:03:49 PM
Sample Name	489010-019, 318888, 1	Instrument	SVOA-GC06
Vial	13	Multiplier	1.00
DA Method File	PCB_608_052323_GC06_36.m	Comment	WIPE/1DM^2.10ML
Tune File	ATUNE.U	Tune Date	
Batch Name	072523PCB.batch.bin	Last Calib Update	5/23/2023 1:46:10 PM
Ref Library			



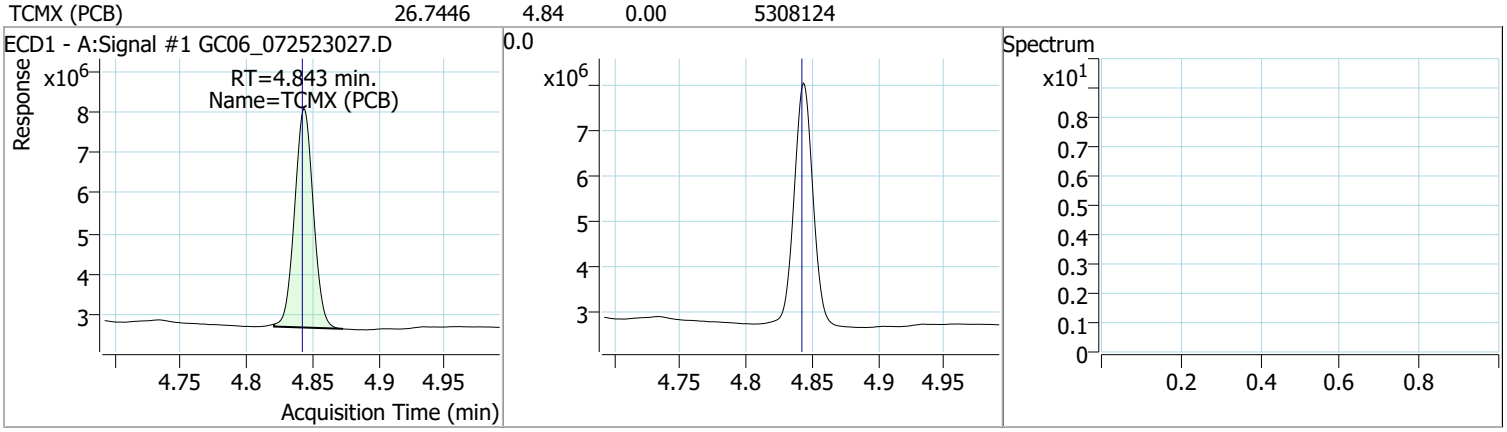


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1-bromo-2-nitrobenzene (PCB)	4.074	0.0	3724619.766	20.0000	ng/ml		-0.002
M 1-bromo-2-nitrobenzene (PCB) #2	4.294	0.0	8906985.719	20.0000	ng/ml		-0.001
System Monitoring Compounds							
S TCMX (PCB)	4.843	0.0	5308124.424	26.7446	ng/ml		-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 133.72%			
S TCMX (PCB) #2	5.202	0.0	14488531.094	30.6652	ng/ml		-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 153.33%		*	
S Decachlorobiphenyl (PCB)	11.742	0.0	7631502.971	30.7053	ng/ml		-0.003
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 153.53%		*	
S Decachlorobiphenyl (PCB) #2	12.963	0.0	13168452.162	27.9960	ng/ml		-0.003
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 139.98%			
Target Compounds							QValue

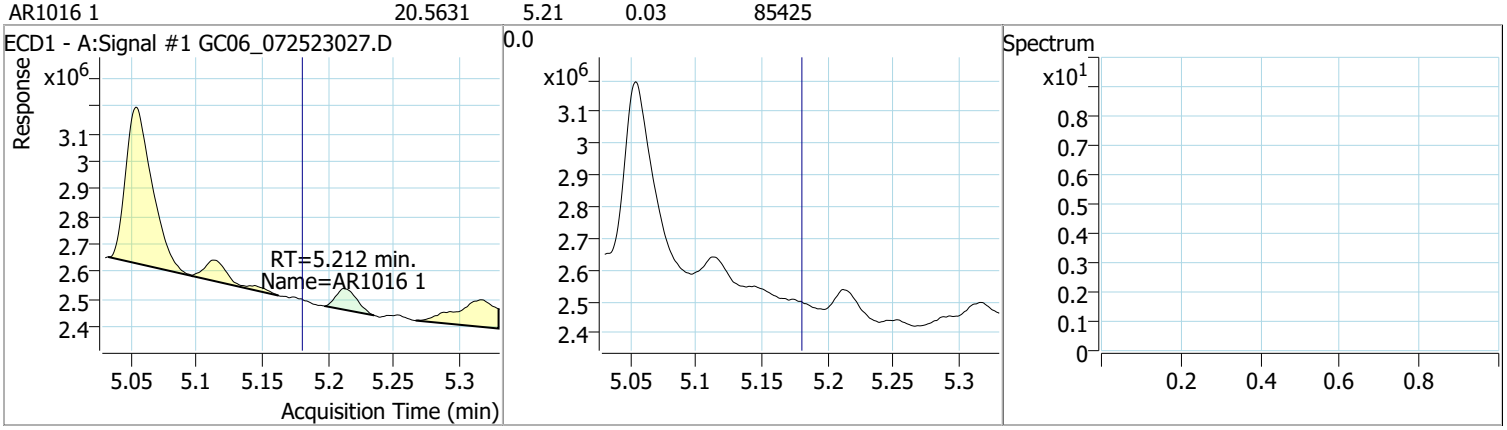
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T AR1016 1	5.212	0.0	85425.230	20.5631	ng/ml	100
T AR1016 2	5.493	0.0	509146.541	60.3682	ng/ml	100
T AR1016 1 #2	5.661	0.0	155261.350	16.7354	ng/ml	100
T AR1016 3	5.926	0.0	617943.083	57.3234	ng/ml	100
T AR1016 2 #2	6.083	0.0	3309133.148	158.7850	ng/ml	100
T AR1016 4	6.118	0.0	2841577.710	437.3362	ng/ml	100
T AR1016 5	6.240	0.0	206267.323	41.5084	ng/ml	100
T AR1016 3 #2	6.584	0.0	4816068.898	192.0511	ng/ml	100
T AR1016 4 #2	6.748	0.0	105015.643	5.8184	ng/ml	100
T AR1016 5 #2	6.881	0.0	108961.661	11.3176	ng/ml	100
T AR1260 1	8.223	0.0	1808605.708	146.8386	ng/ml	100
T AR1260 2	8.876	0.0	113299.469	6.0256	ng/ml	100
T AR1260 3	9.273	0.0	362950.887	18.0648	ng/ml	100
T AR1260 1 #2	9.618	0.0	802004.930	31.9277	ng/ml	100
T AR1260 4	9.823	0.0	975978.294	89.1609	ng/ml	100
T AR1260 2 #2	9.935	0.0	682629.077	24.1027	ng/ml	100
T AR1260 3 #2	10.321	0.0	610390.632	16.8415	ng/ml	100
T AR1260 5	10.506	0.0	352005.751	20.3377	ng/ml	100
T AR1260 4 #2	10.693	0.0	1478077.625	69.8211	ng/ml	100
T AR1260 5 #2	11.449	0.0	188746.074	6.1512	ng/ml	100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

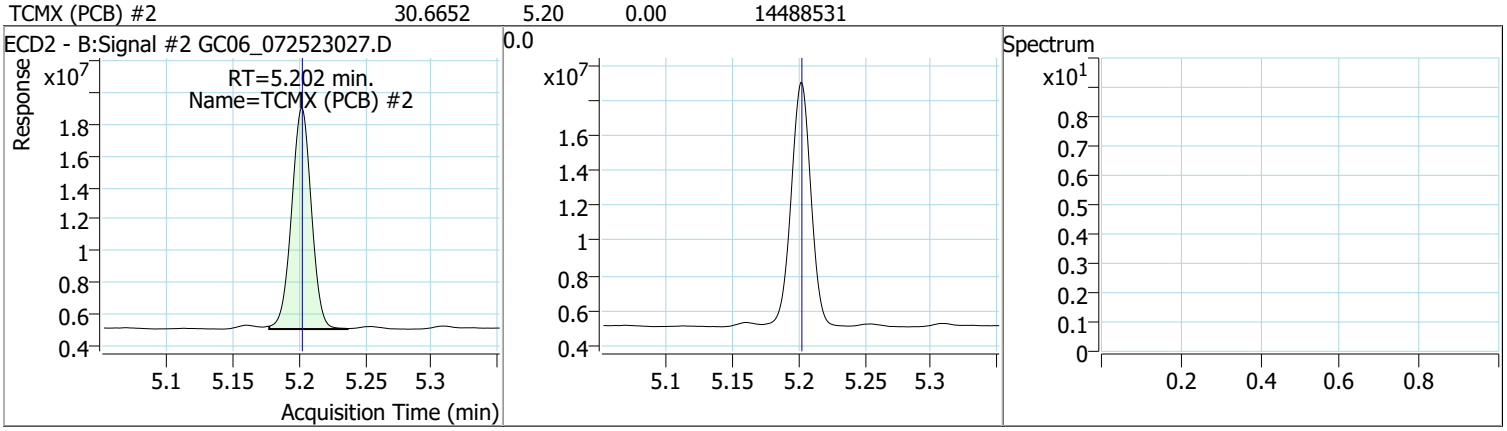
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	26.7446	4.84	0.00	5308124				



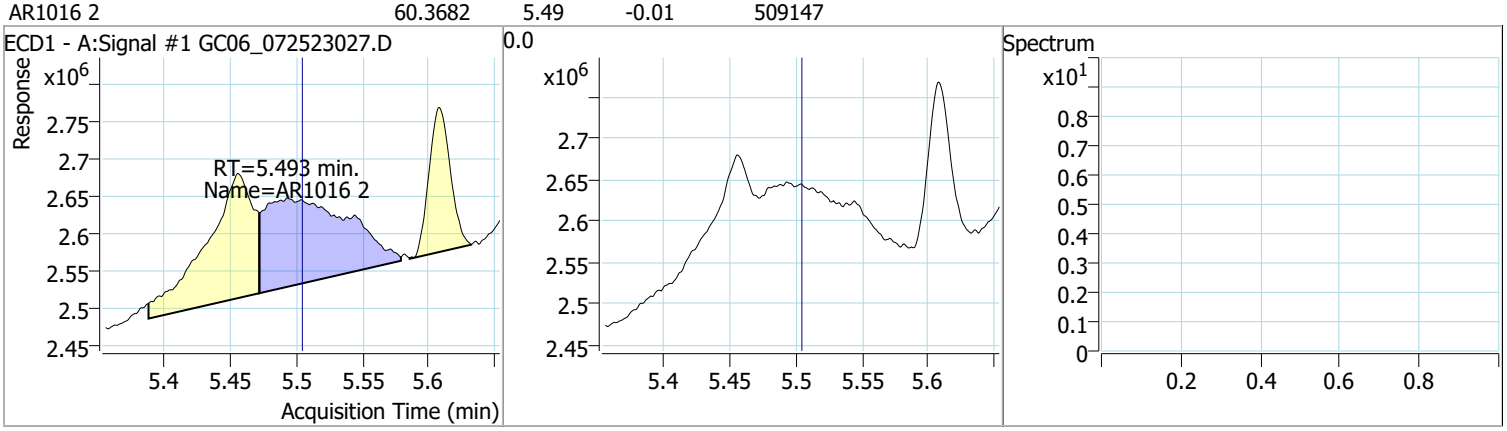
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	20.5631	5.21	0.03	85425				



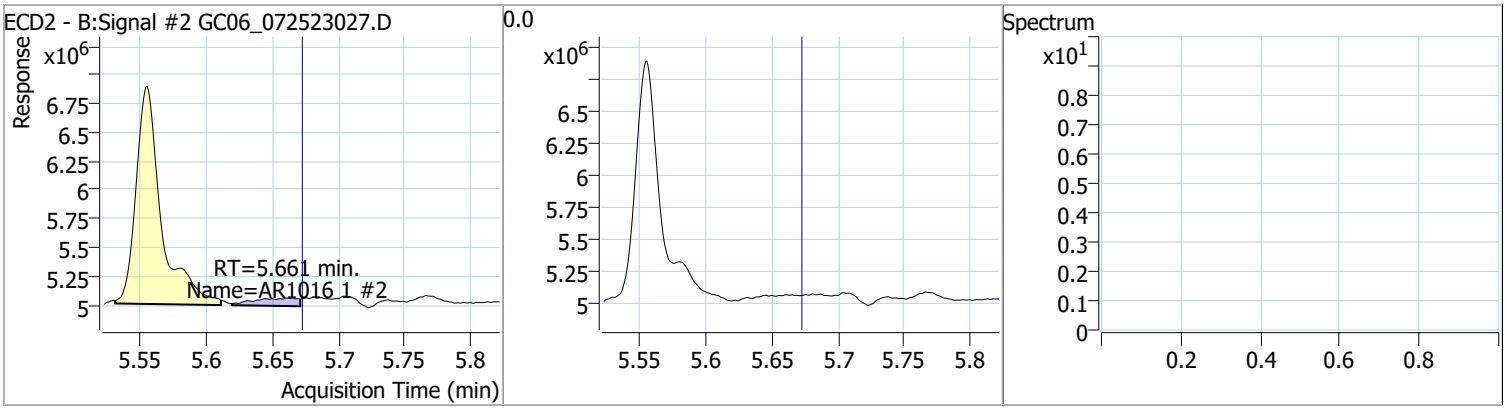
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB) #2	30.6652	5.20	0.00	14488531				



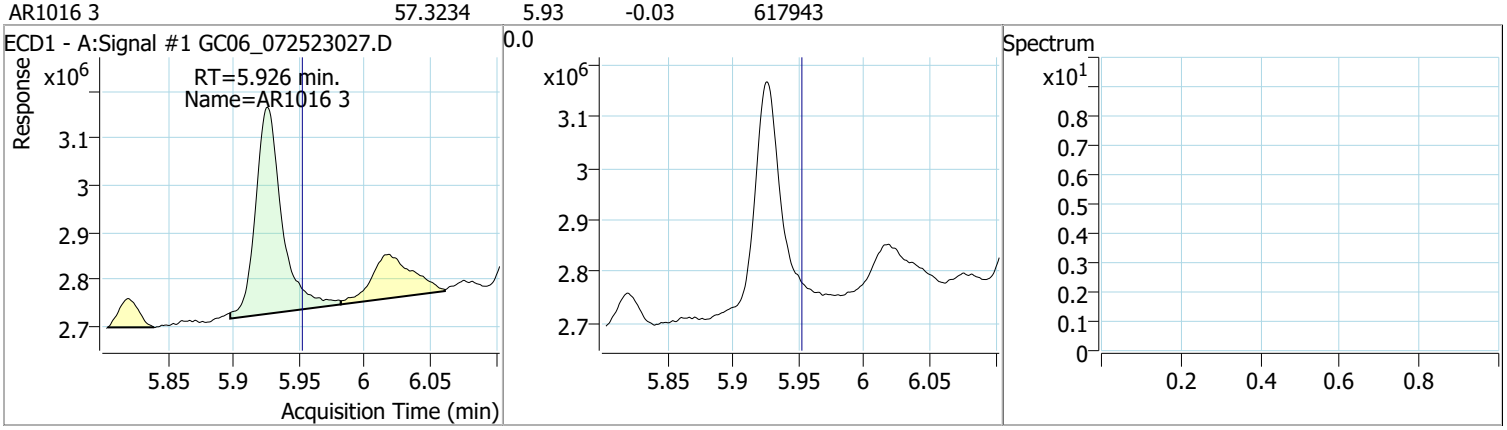
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	60.3682	5.49	-0.01	509147				



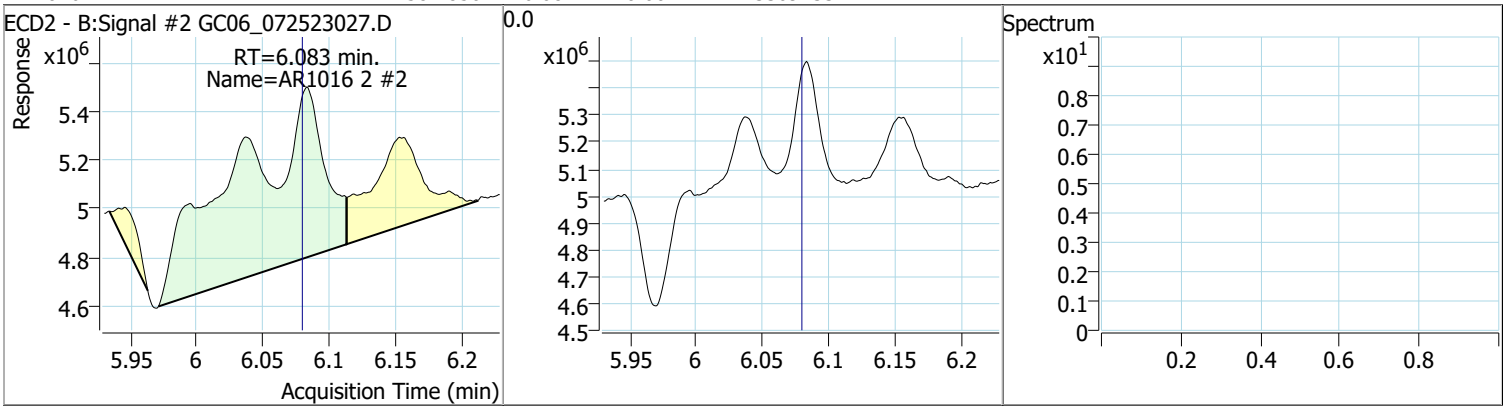
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1 #2	16.7354	5.66	-0.01	155261				



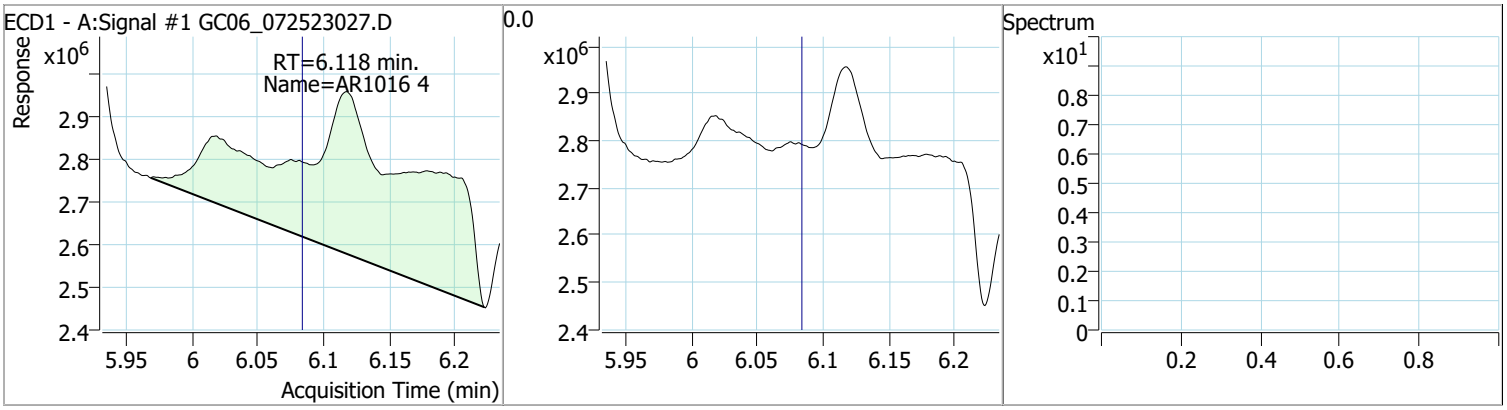
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	57.3234	5.93	-0.03	617943				



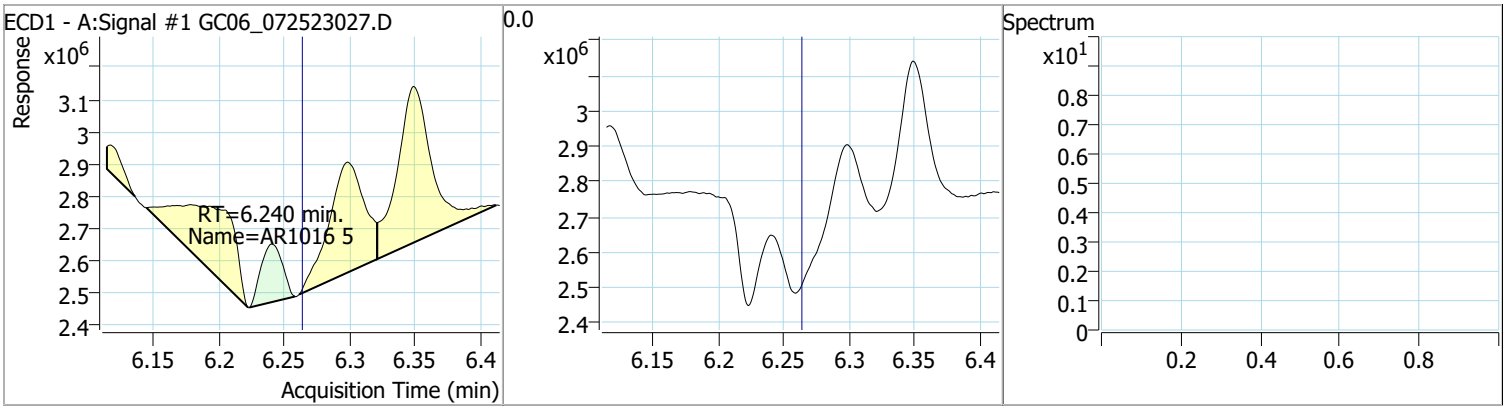
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	158.7850	6.08	0.00	3309133				



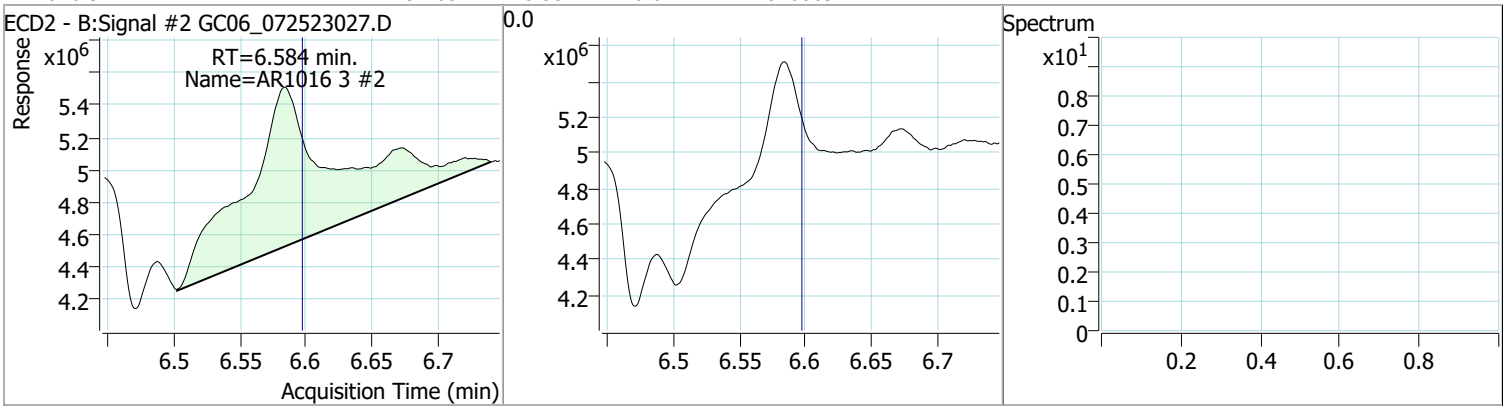
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4	437.3362	6.12	0.03	2841578				



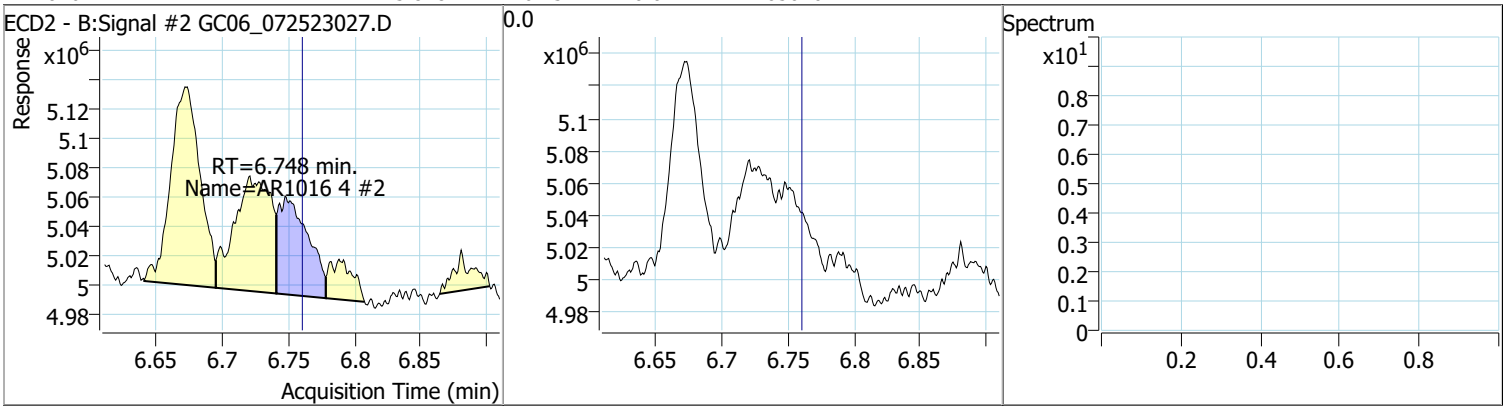
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	41.5084	6.24	-0.03	206267				



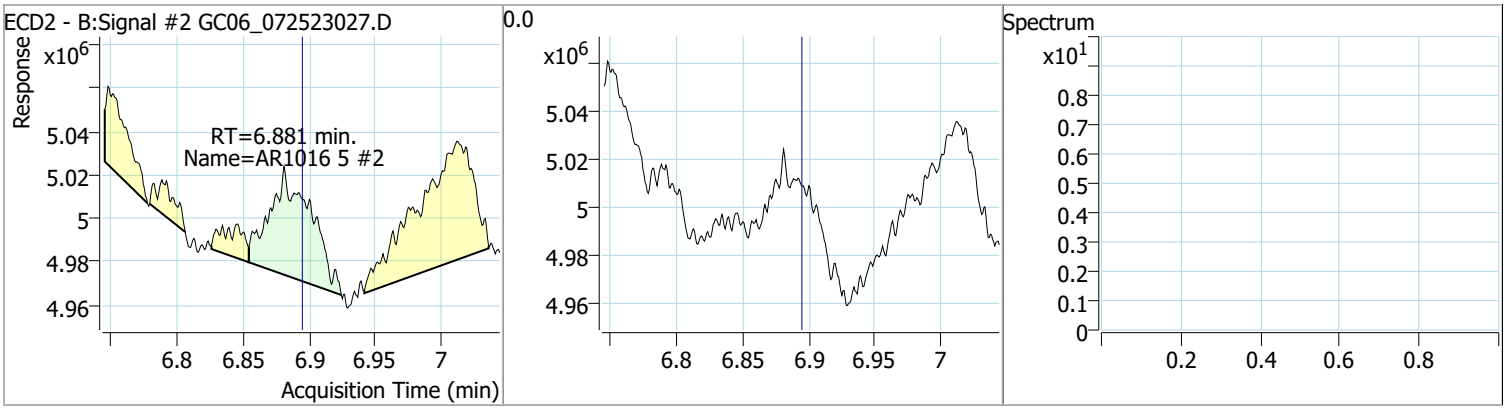
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	192.0511	6.58	-0.01	4816069				



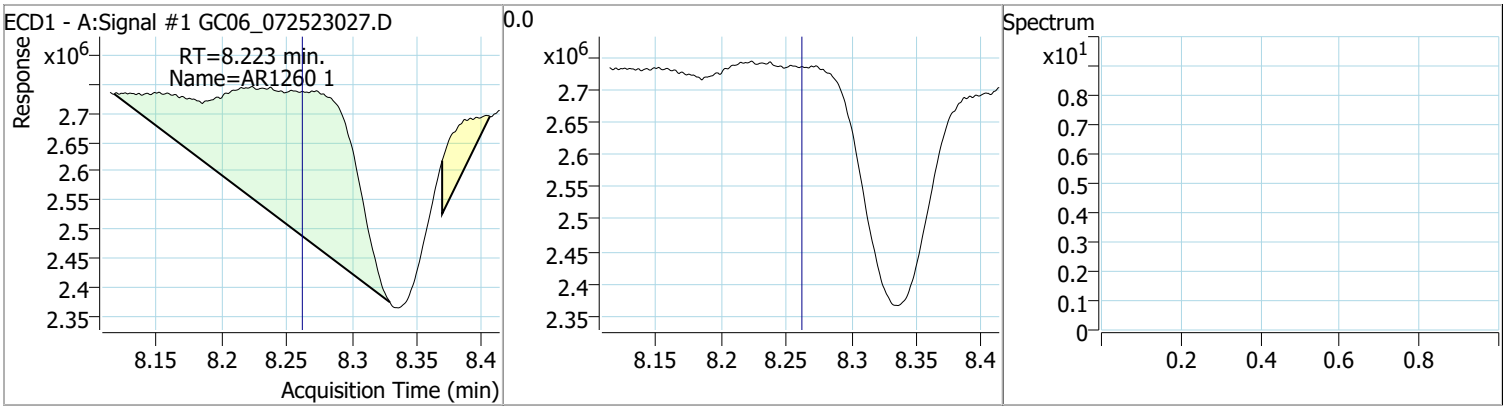
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4 #2	5.8184	6.75	-0.01	105016				



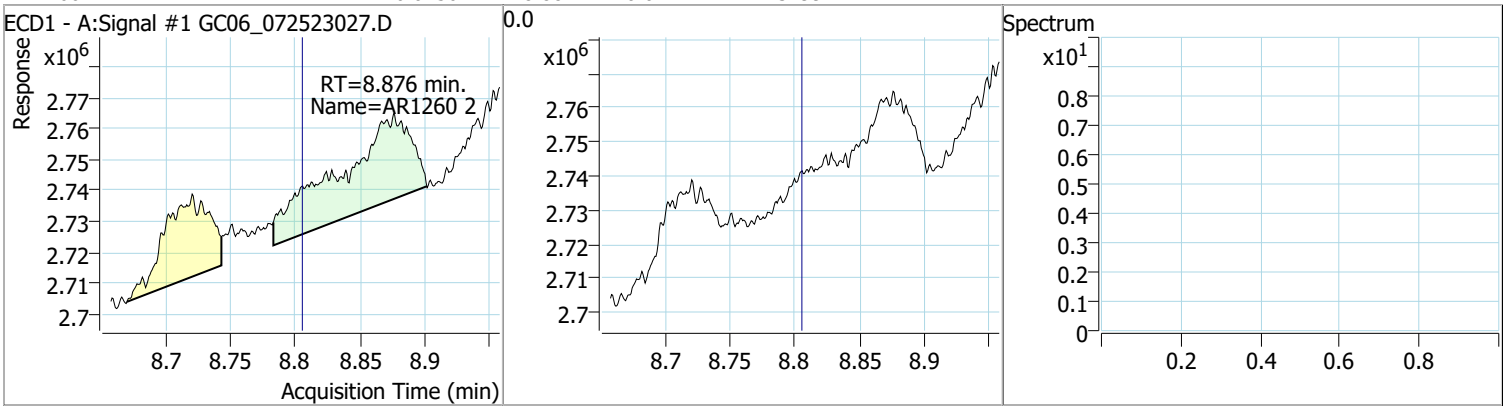
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	11.3176	6.88	-0.01	108962				



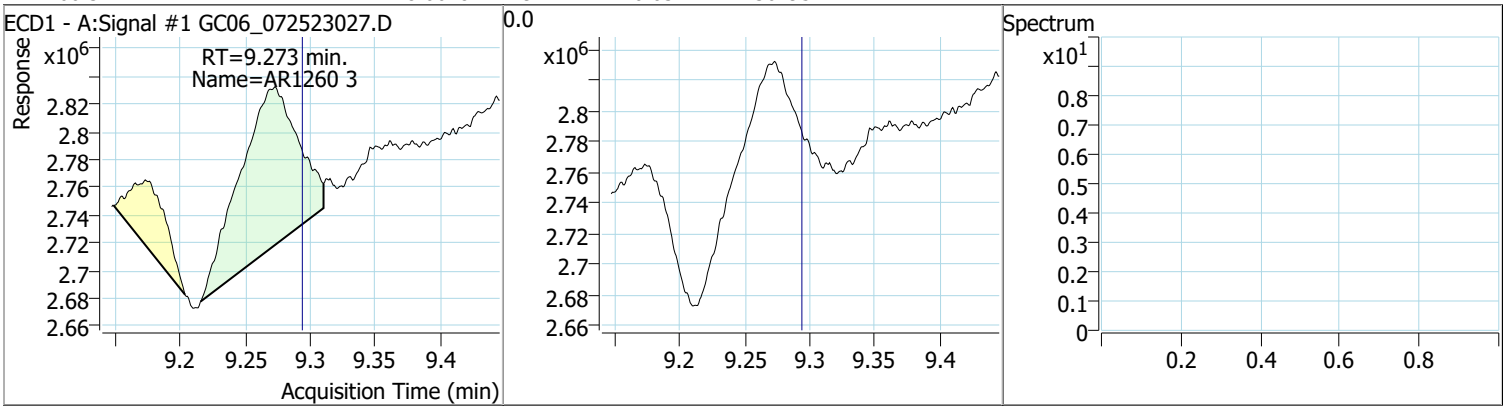
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	146.8386	8.22	-0.04	1808606				



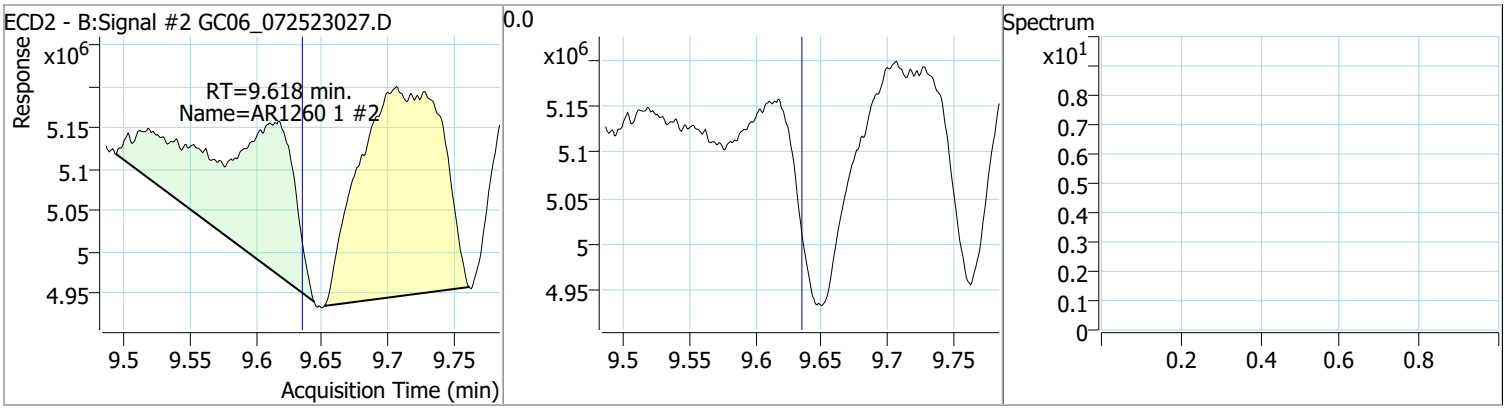
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	6.0256	8.88	0.07	113299				



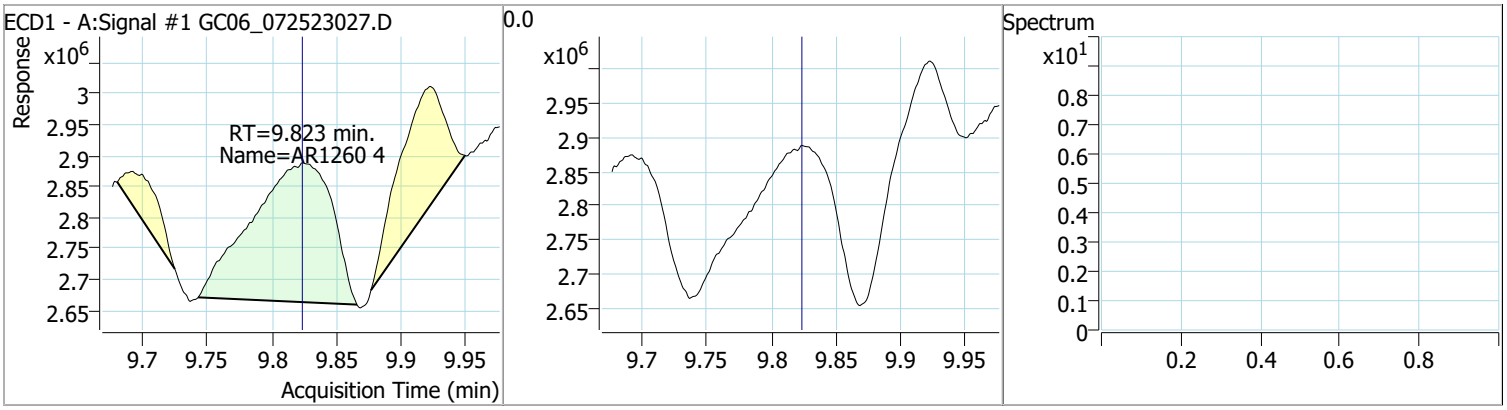
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3	18.0648	9.27	-0.03	362951				



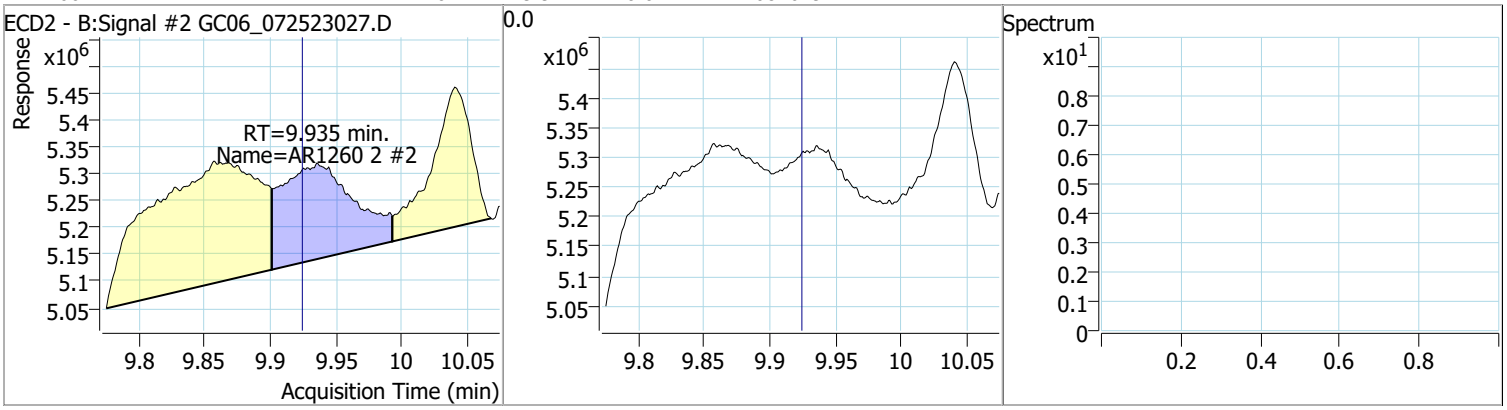
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1 #2	31.9277	9.62	-0.02	802005				



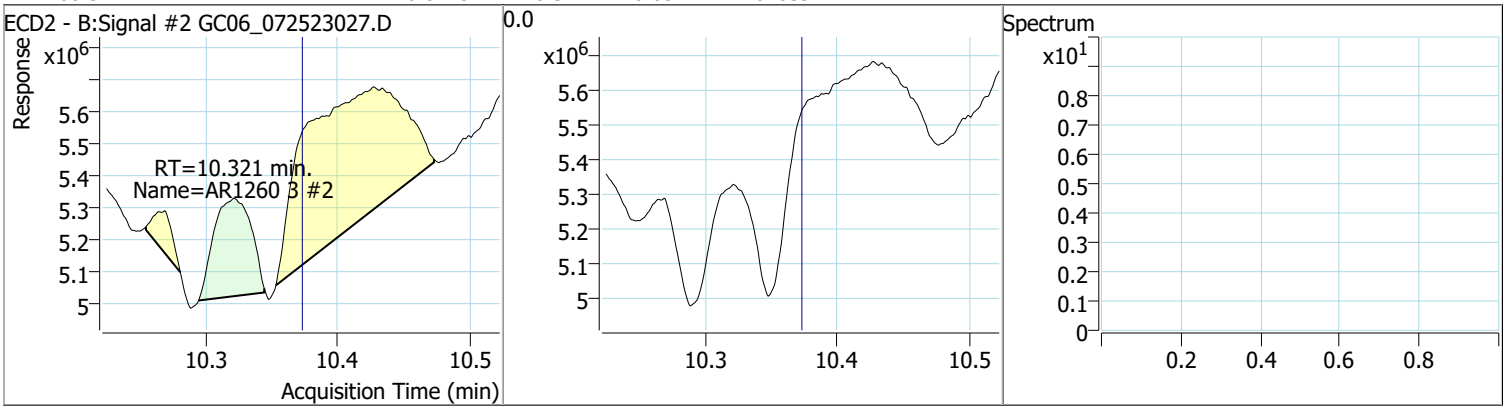
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4	89.1609	9.82	0.00	975978				



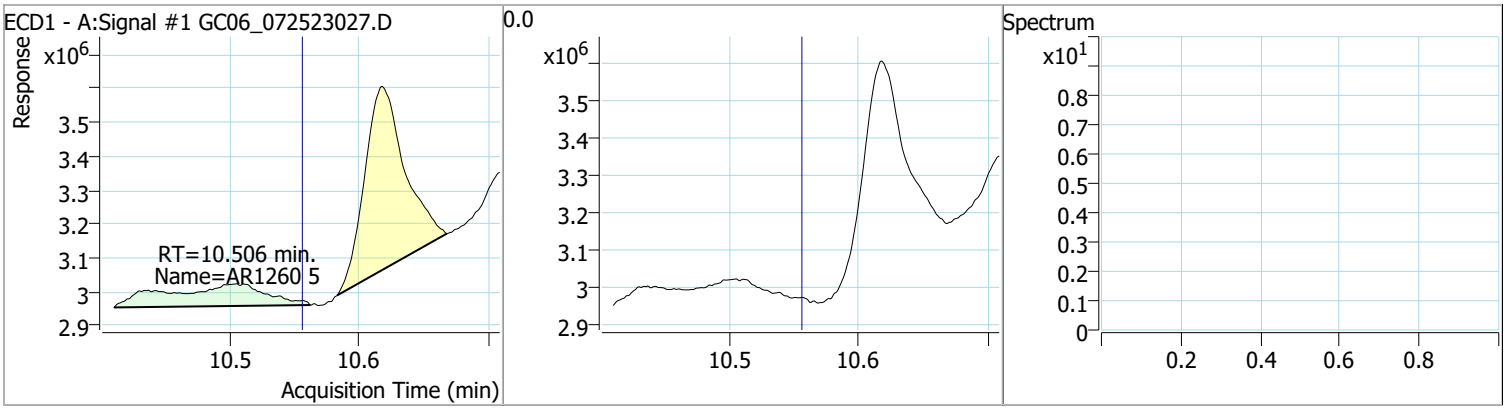
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	24.1027	9.94	0.01	682629				



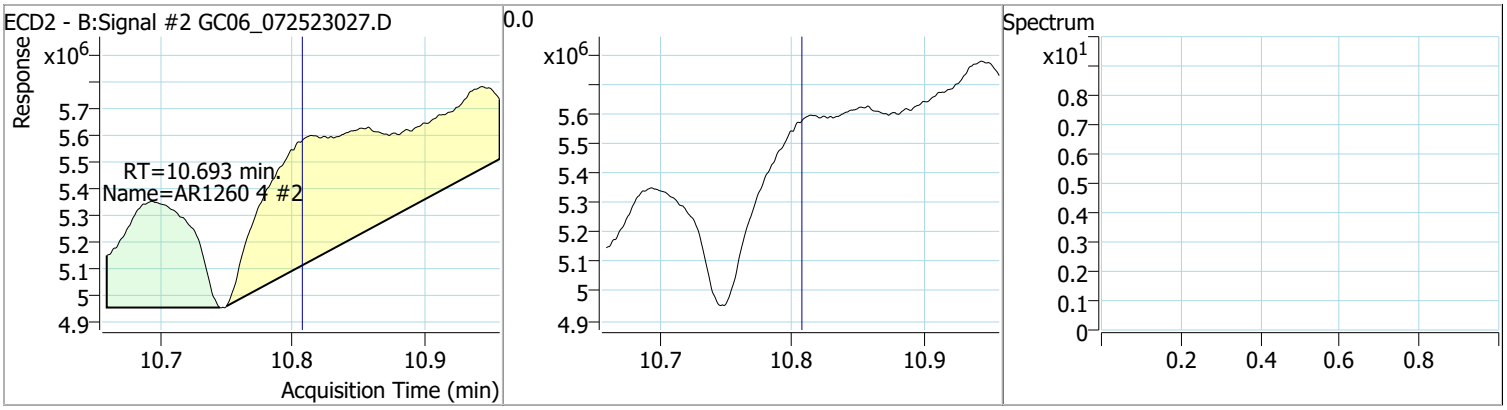
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3 #2	16.8415	10.32	-0.05	610391				



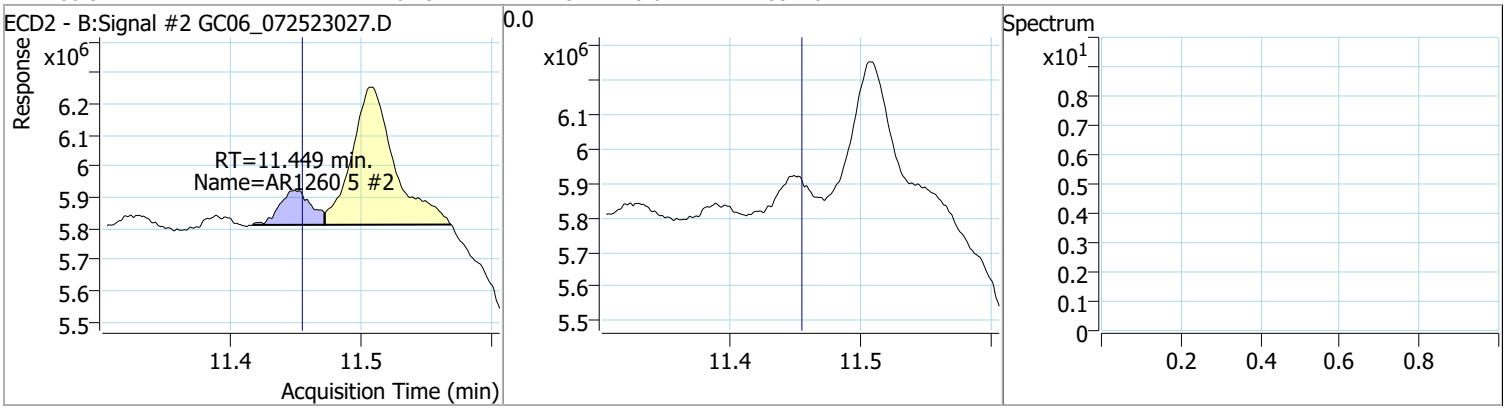
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	20.3377	10.51	-0.06	352006				



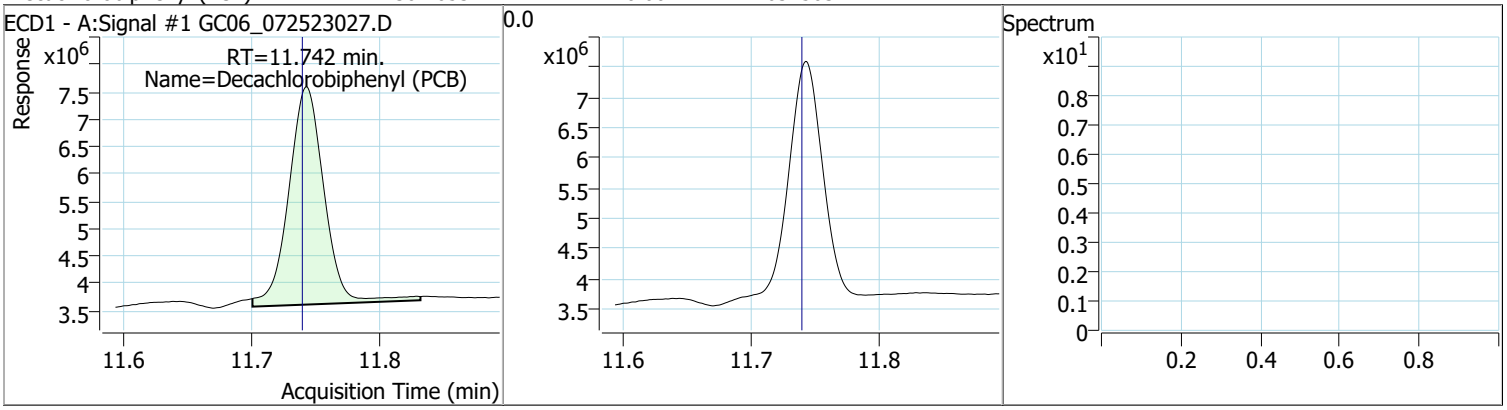
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	69.8211	10.69	-0.12	1478078				



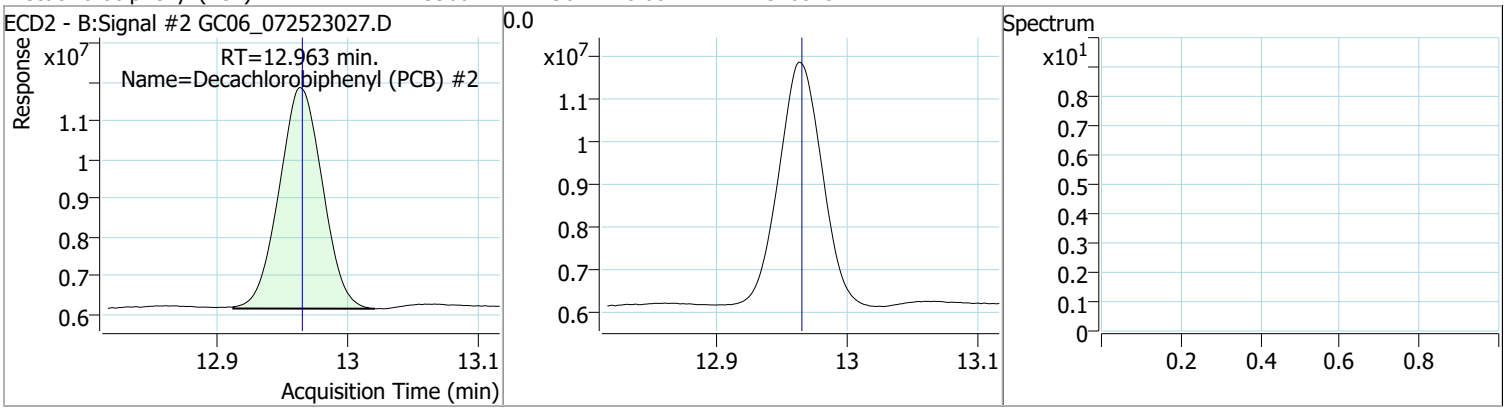
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	6.1512	11.45	-0.01	188746				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	30.7053	11.74	0.00	7631503				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	27.9960	12.96	0.00	13168452				



ENTHALPY SAMPLE USER REPORT FOR EPA 8082

Inst:	SVOA-GC06	Lab ID:	489010-021	Client ID:	AFRAME-C7W-MED-L3-UP-C7W-DG-230724-P-LA
Seqnum:	453297295028	Matrix:	Wipe	Acct:	RINCON-BERK (JG)
File:	gc06_072523028	Batch:	318888	Time:	25-JUL-2023 22:21
Cal:	453205686001	Caldate:	22-MAY-2023		
IDF:	1.0	Raw Units:	ug/L	Units:	ug/dm2

- 1.00 dm2 ⇨ 10.0 ml = 10.0 ml/dm2 PDF

Analyte	Ch	Raw	Result	Conf	RPD	RL	Blank	Flags
Aroclor-1016	B	30.80	ND	1.2	117%	0.50		u
Aroclor-1016 Peak # 1	B	13.43	0.13	0.17	23%			
Aroclor-1016 Peak # 2	B	112.9	1.13	0.86	27%			
Aroclor-1016 Peak # 3	B	5.692	0.06	0.47	157%			
Aroclor-1016 Peak # 4	B	21.52	0.22	4.03	180%			
Aroclor-1016 Peak # 5	B	0.4816	0.00	0.32	194%			
Aroclor-1221	B		ND			0.50		u
Aroclor-1232	B		ND			0.50		u
Aroclor-1242	B		ND			0.50		u
Aroclor-1248	B		ND			0.50		u
Aroclor-1254	B		ND			0.50		u
Aroclor-1260	B	33.41	ND	0.51	41%	0.50		u
Aroclor-1260 Peak # 1	B	17.73	0.18	1.49	158%			
Aroclor-1260 Peak # 2	B	49.49	0.49	0.01	190%			
Aroclor-1260 Peak # 3	B	50.43	0.50	0.02	184%			
Aroclor-1260 Peak # 4	B	37.76	0.38	0.85	77%			
Aroclor-1260 Peak # 5	B	11.65	0.12	0.16	31%			
Aroclor-1262	B		ND			0.50		u
Aroclor-1268	B		ND			0.50		u

Surrogate	Ch	Raw	Spiked	Result	%Rec	Limits	Flags
TCMX (PCB)	B	27.60	0.5000	0.2760	55	19-121	c- u
Decachlorobiphenyl (PCB)	B	24.69	0.5000	0.2469	49	19-121	u

NO INTERNAL STANDARD REFERENCE RUN FOUND FOR CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV(internal standard: 1BR2NITROBZ1268, 1BR2NITROBZ1262, 1BR2NITROBZ1232, 1BR2NITROBZ1248, 1BR2NITROBZ1242, 1BR2NITROBZ1221, 1BR2NITROBZ1254)

ISTD (CCV gc06_072523006)	Ch	CCV Abund	SAMPLE Abund	%Drift
1-bromo-2-nitrobenzene (PCB)	B	8843280	9642437	9.04
1-bromo-2-nitrobenzene (PCB)	A	3794782	3463683	-8.73

NO INTERNAL STANDARD REFERENCE RUN FOUND FOR CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV(internal standard: 1BR2NITROBZ1268, 1BR2NITROBZ1262, 1BR2NITROBZ1232, 1BR2NITROBZ1248, 1BR2NITROBZ1242, 1BR2NITROBZ1221, 1BR2NITROBZ1254)

ISTD (CCV gc06_072523006)	Ch	CCV RT	SAMPLE RT	Drift
1-bromo-2-nitrobenzene (PCB)	B	4.29	4.29	0.00
1-bromo-2-nitrobenzene (PCB)	A	4.09	4.07	-0.02

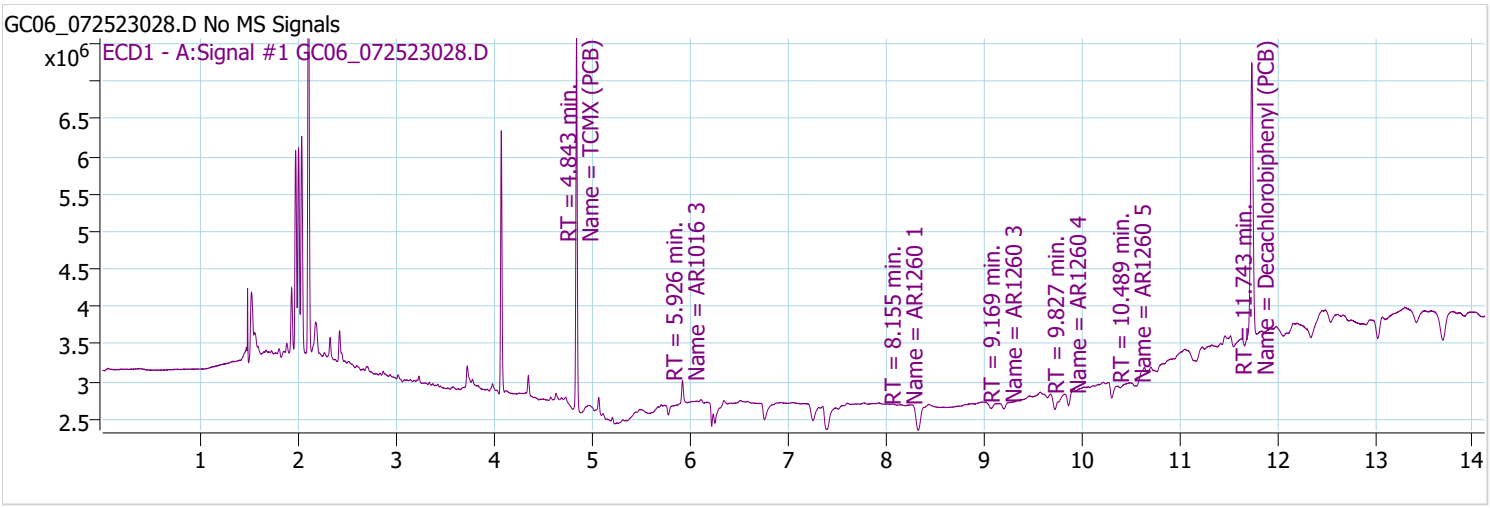
07/26/23 : WIPE/1DM^2.10ML

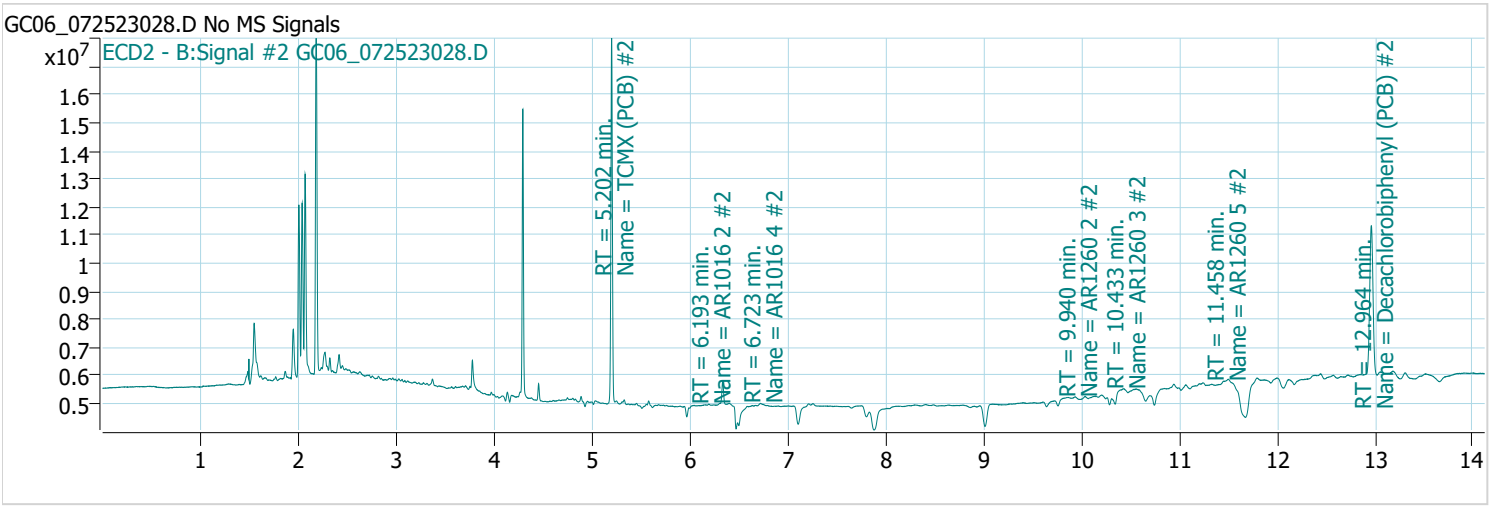
-=low bias c=CCV u=use

Analyst: MES 07/26/23 **Reviewer:** MTS 07/27/23

Quantitation Results Report (Not Reviewed)

Data File	GC06_072523028.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	7/25/2023 10:21:59 PM
Sample Name	489010-021, 318888, 1	Instrument	SVOA-GC06
Vial	14	Multiplier	1.00
DA Method File	PCB_608_052323_GC06_36.m	Comment	WIPE/1DM^2.10ML
Tune File	ATUNE.U	Tune Date	
Batch Name	072523PCB.batch.bin	Last Calib Update	5/23/2023 1:46:10 PM
Ref Library			



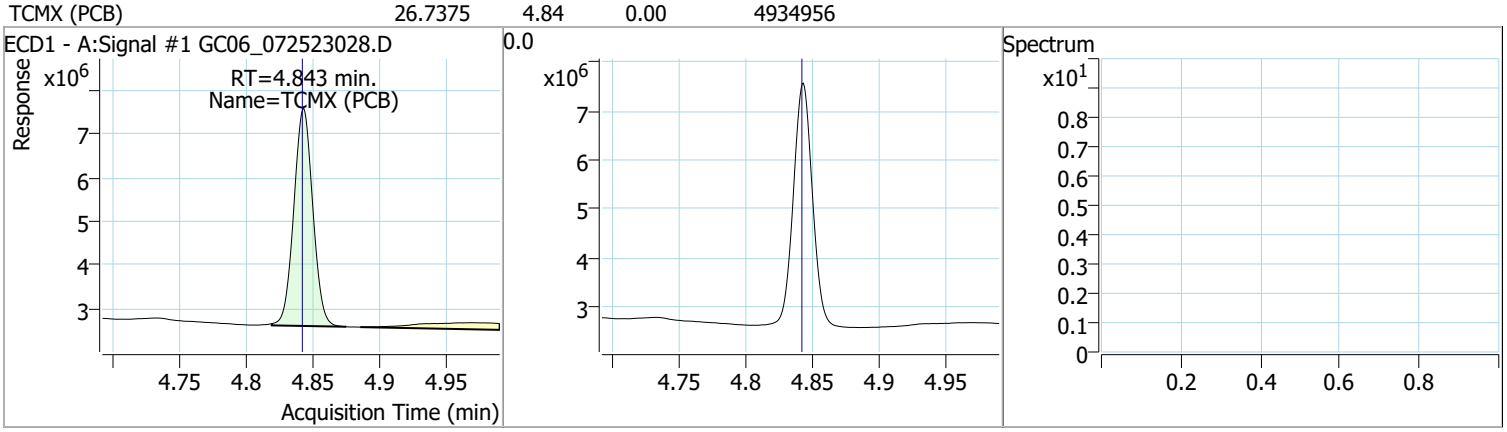


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1-bromo-2-nitrobenzene (PCB)	4.074	0.0	3463683.204	20.0000	ng/ml		-0.002
M 1-bromo-2-nitrobenzene (PCB) #2	4.294	0.0	9642436.608	20.0000	ng/ml		-0.001
System Monitoring Compounds							
S TCMX (PCB)	4.843	0.0	4934956.449	26.7375	ng/ml		-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 133.69%			
S TCMX (PCB) #2	5.202	0.0	14118480.407	27.6029	ng/ml		-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 138.01%			
S Decachlorobiphenyl (PCB)	11.743	0.0	7102205.204	30.7284	ng/ml		-0.002
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 153.64%		*	
S Decachlorobiphenyl (PCB) #2	12.964	0.0	12572579.278	24.6905	ng/ml		-0.002
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 123.45%			
Target Compounds							QValue

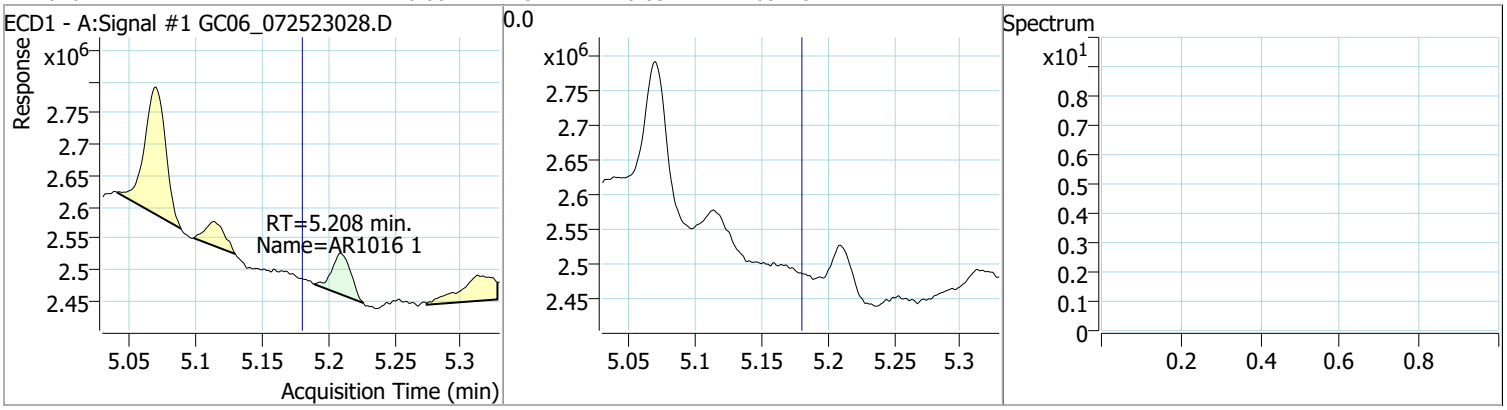
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T AR1016 1	5.208	0.0	65240.182	16.8874	ng/ml	100
T AR1016 2	5.493	0.0	673853.278	85.9162	ng/ml	100
T AR1016 1 #2	5.683	0.0	134922.614	13.4338	ng/ml	100
T AR1016 3	5.926	0.0	474857.163	47.3686	ng/ml	100
T AR1016 2 #2	6.193	0.0	2546362.113	112.8650	ng/ml	100
T AR1016 4	6.115	0.0	2435021.151	402.9975	ng/ml	100
T AR1016 5	6.239	0.0	148065.250	32.0408	ng/ml	100
T AR1016 3 #2	6.489	0.0	154537.900	5.6925	ng/ml	100
T AR1016 4 #2	6.723	0.0	420555.989	21.5236	ng/ml	100
T AR1016 5 #2	6.885	0.0	5019.828	0.4816	ng/ml	100
T AR1260 1	8.155	0.0	1708525.858	149.1632	ng/ml	100
T AR1260 2	8.838	0.0	22291.008	1.2748	ng/ml	100
T AR1260 3	9.169	0.0	40012.037	2.1415	ng/ml	100
T AR1260 1 #2	9.604	0.0	482161.046	17.7307	ng/ml	100
T AR1260 4	9.827	0.0	862229.748	84.7035	ng/ml	100
T AR1260 2 #2	9.940	0.0	1517413.126	49.4912	ng/ml	100
T AR1260 3 #2	10.433	0.0	1978685.363	50.4305	ng/ml	100
T AR1260 5	10.489	0.0	256130.047	15.9132	ng/ml	100
T AR1260 4 #2	10.701	0.0	865443.107	37.7634	ng/ml	100
T AR1260 5 #2	11.458	0.0	386911.688	11.6477	ng/ml	100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

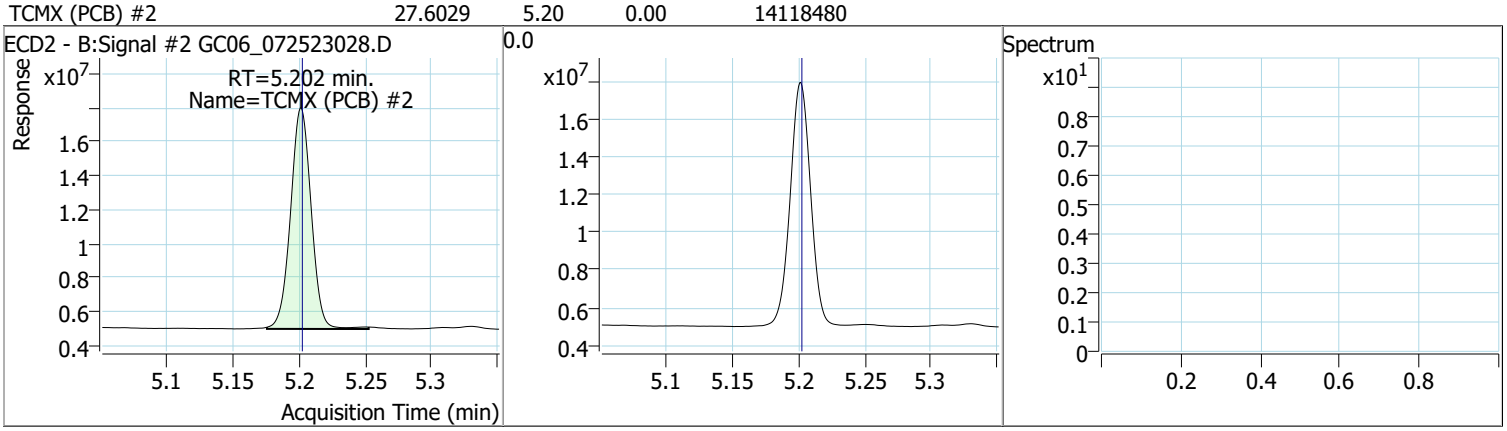
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	26.7375	4.84	0.00	4934956				



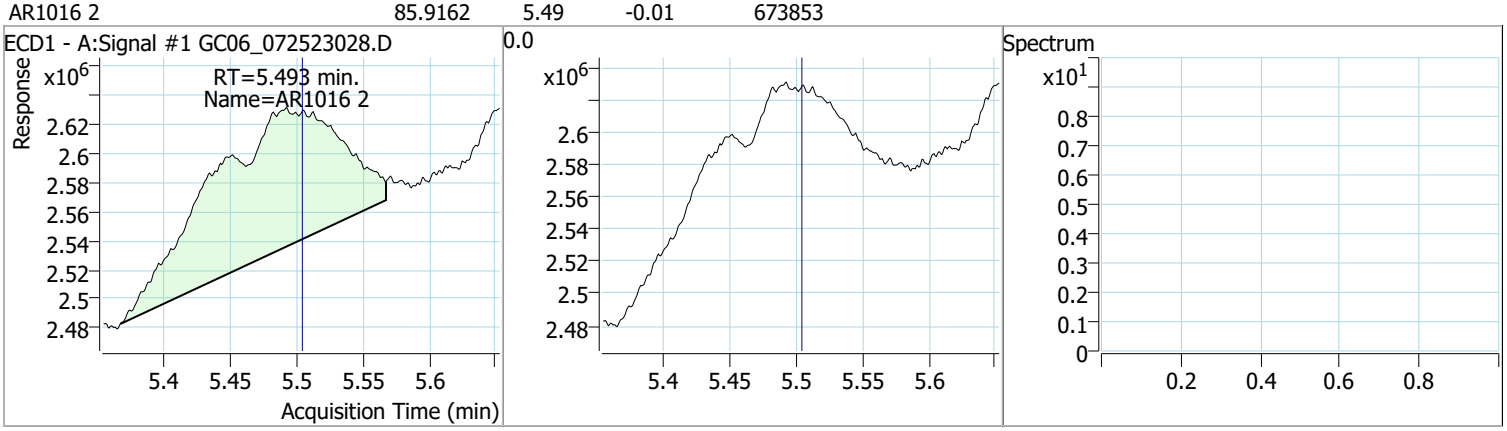
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	16.8874	5.21	0.03	65240				



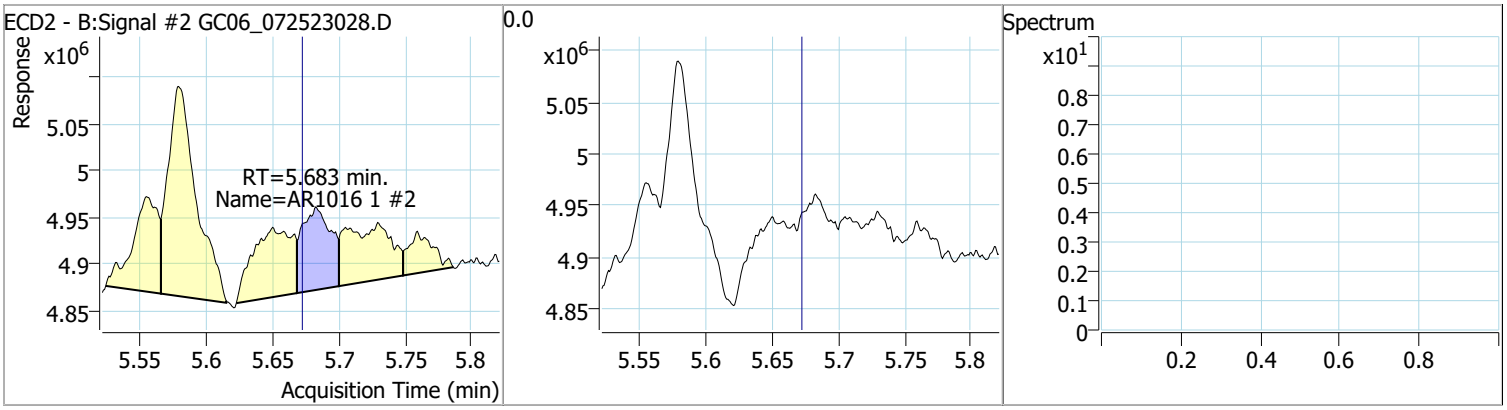
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB) #2	27.6029	5.20	0.00	14118480				



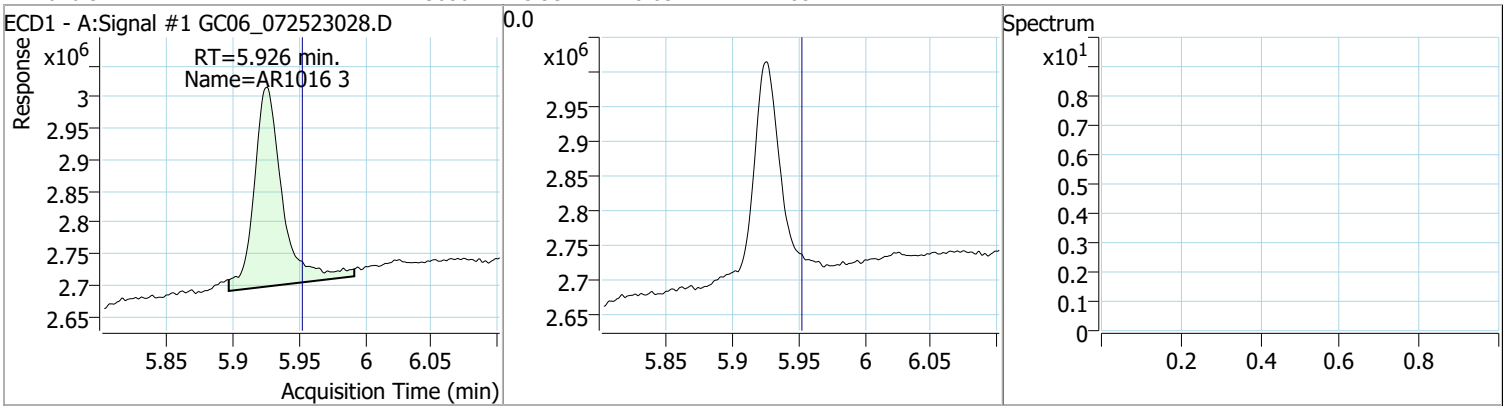
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	85.9162	5.49	-0.01	673853				



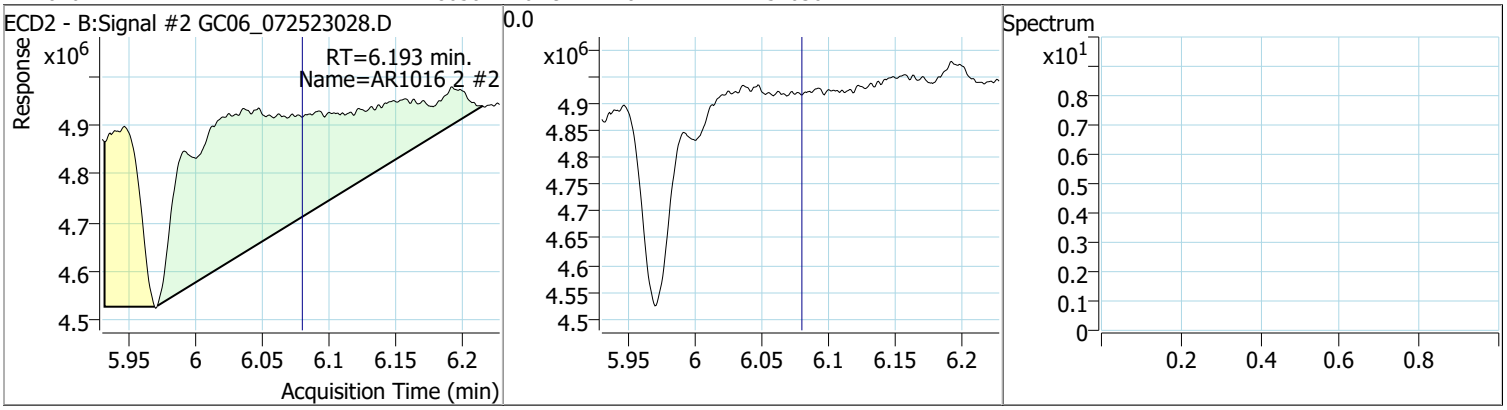
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1 #2	13.4338	5.68	0.01	134923				



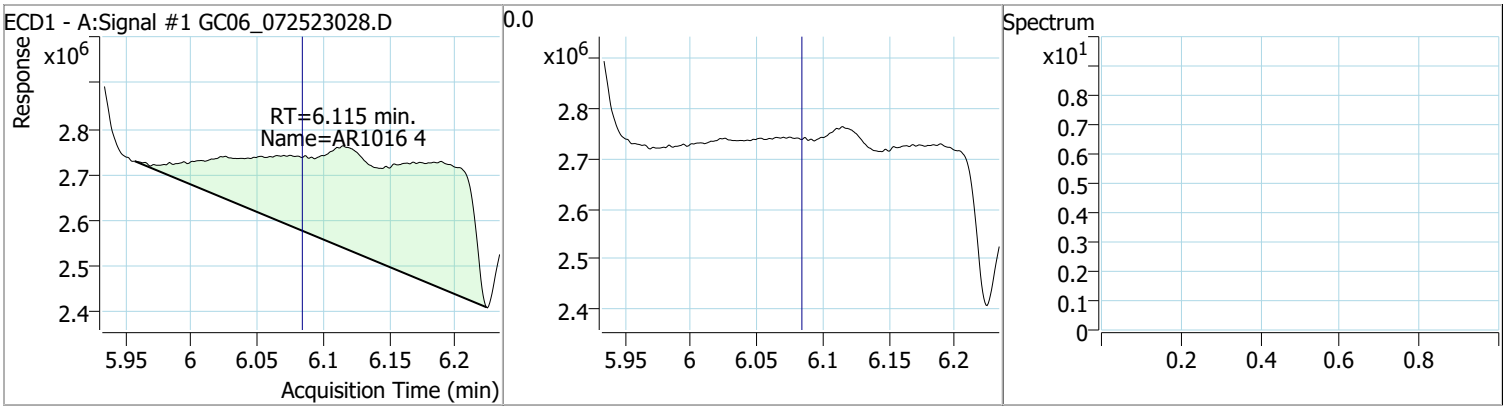
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	47.3686	5.93	-0.03	474857				



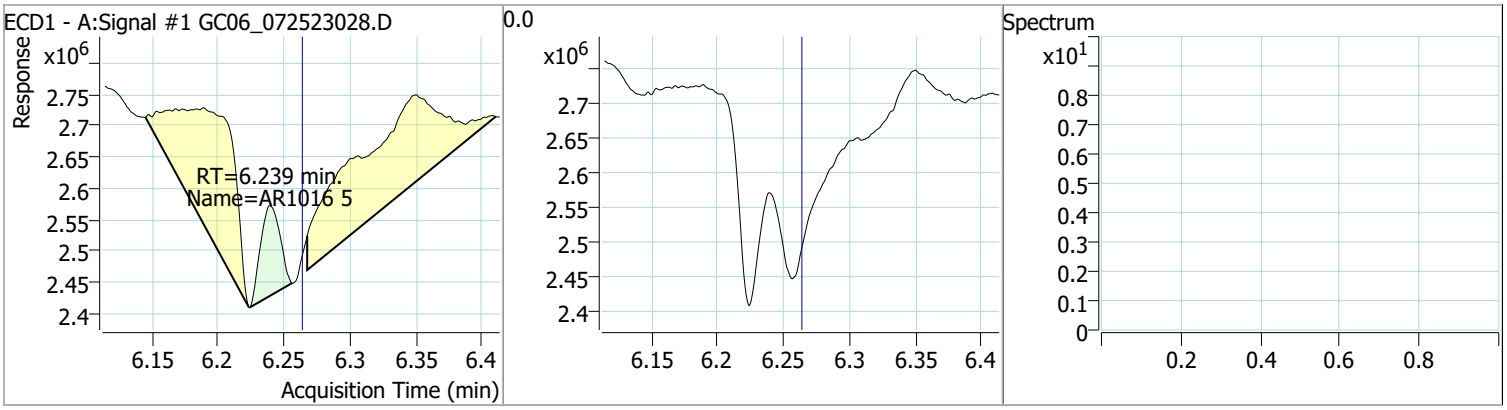
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	112.8650	6.19	0.11	2546362				



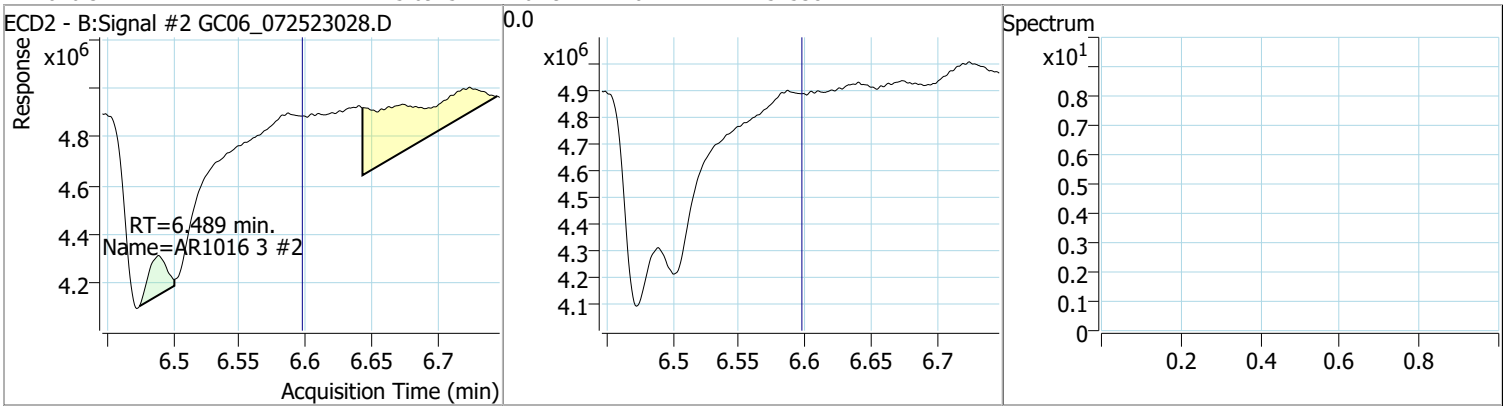
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4	402.9975	6.12	0.03	2435021				



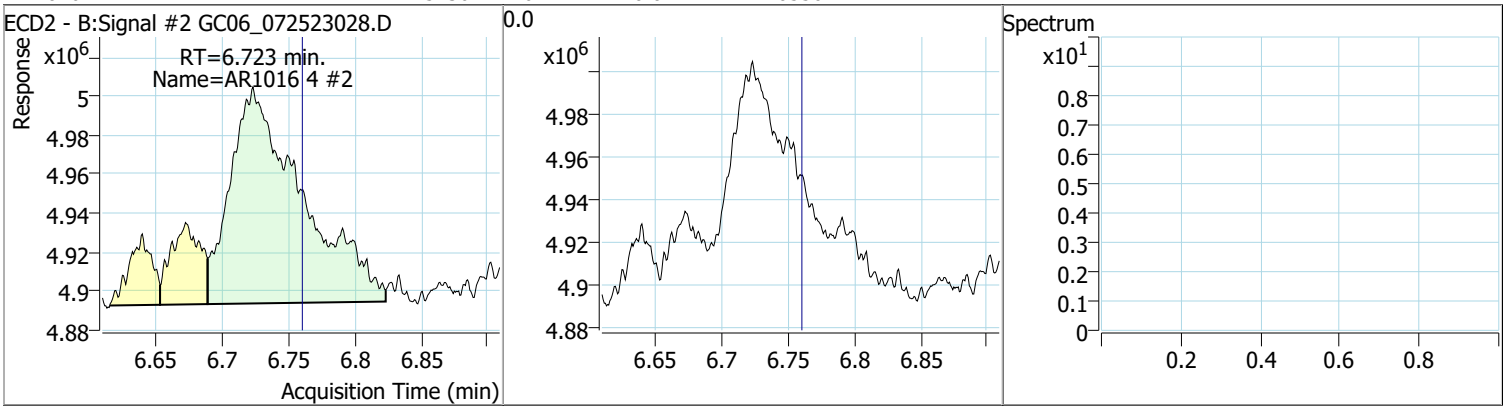
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	32.0408	6.24	-0.03	148065				



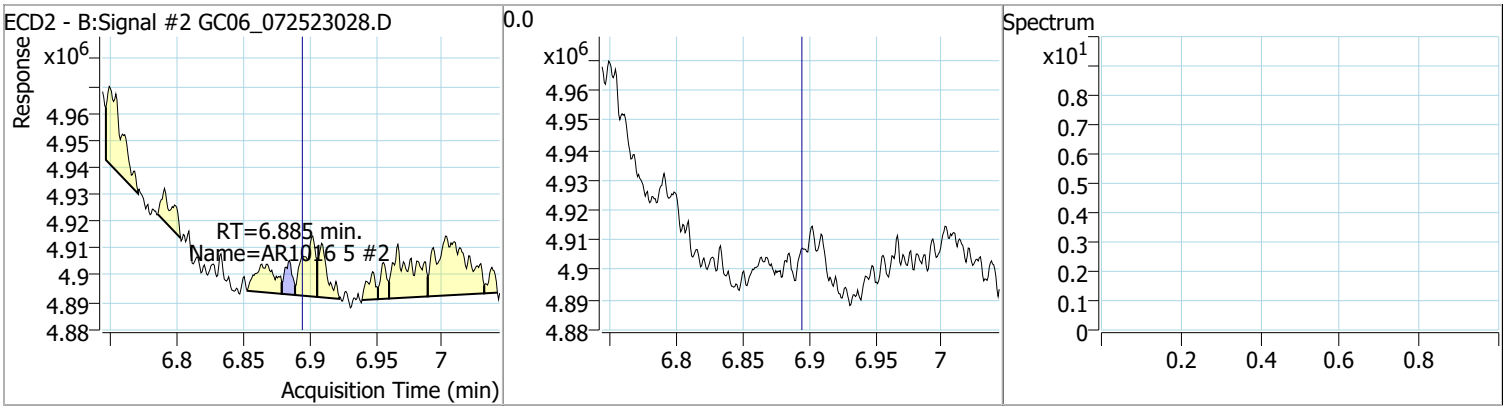
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	5.6925	6.49	-0.11	154538				



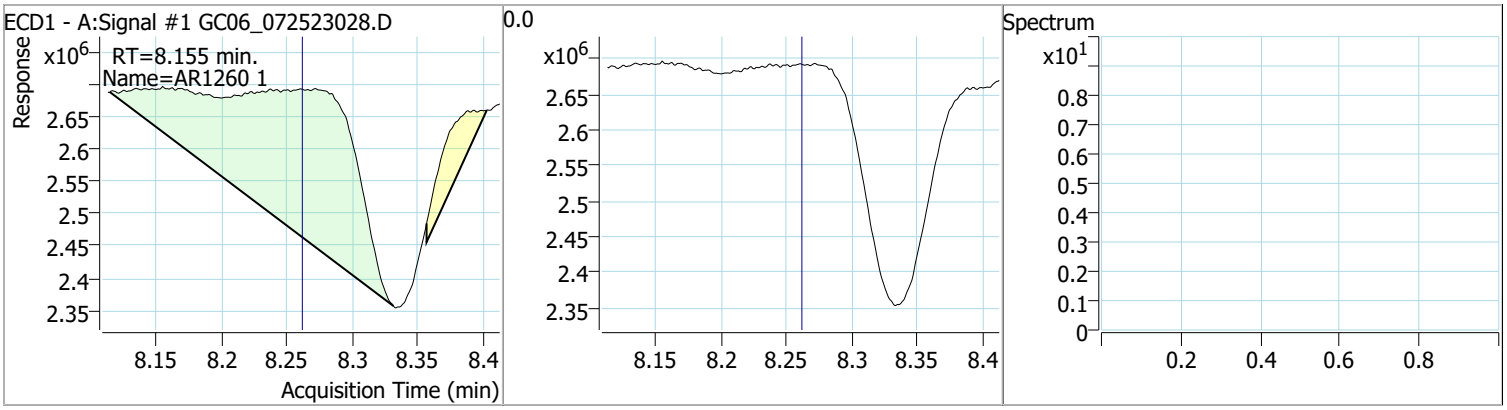
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4 #2	21.5236	6.72	-0.04	420556				



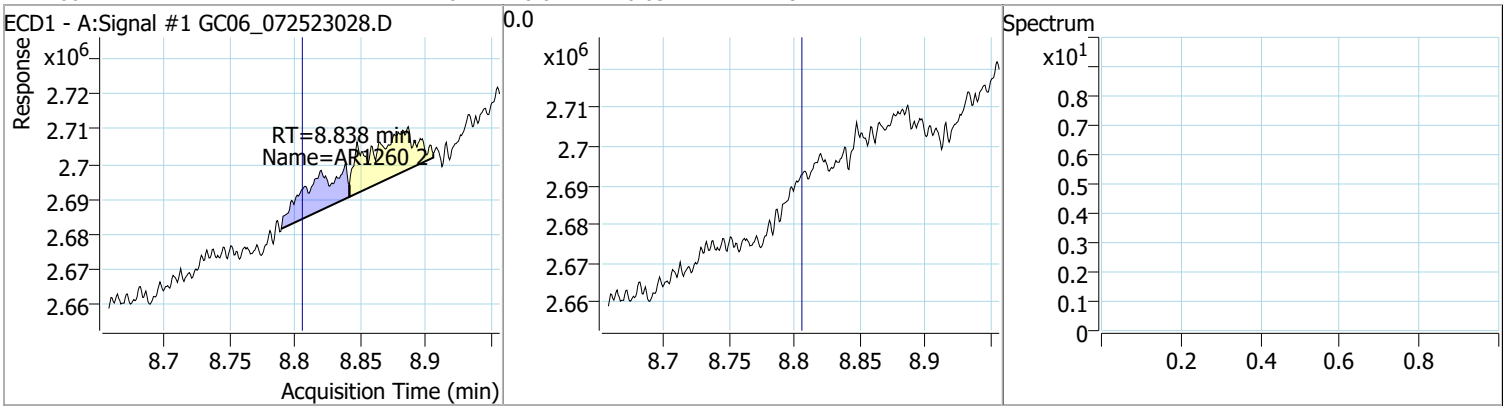
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	0.4816	6.89	-0.01	5020				



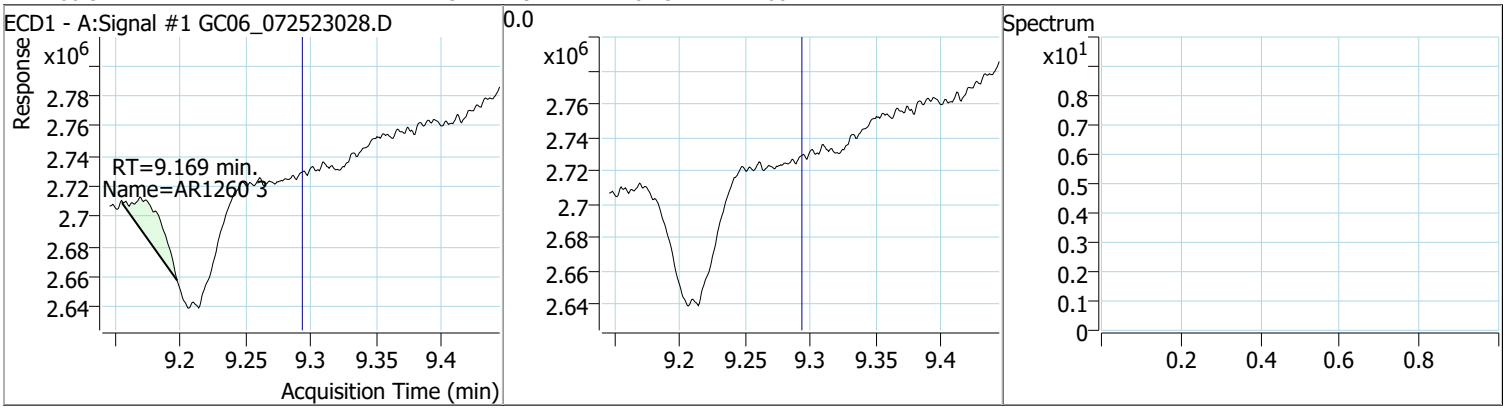
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	149.1632	8.16	-0.11	1708526				



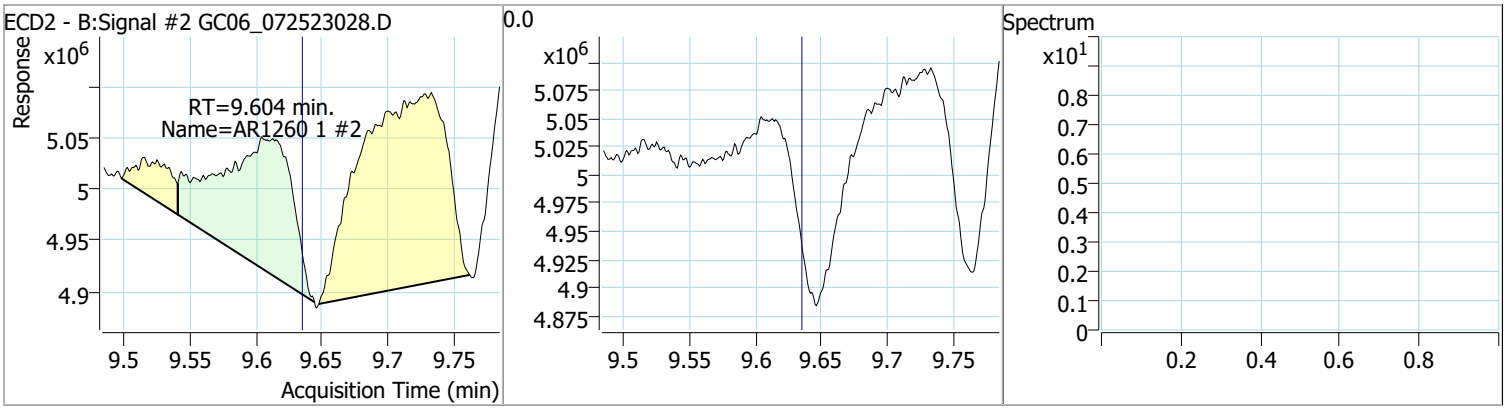
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	1.2748	8.84	0.03	22291				



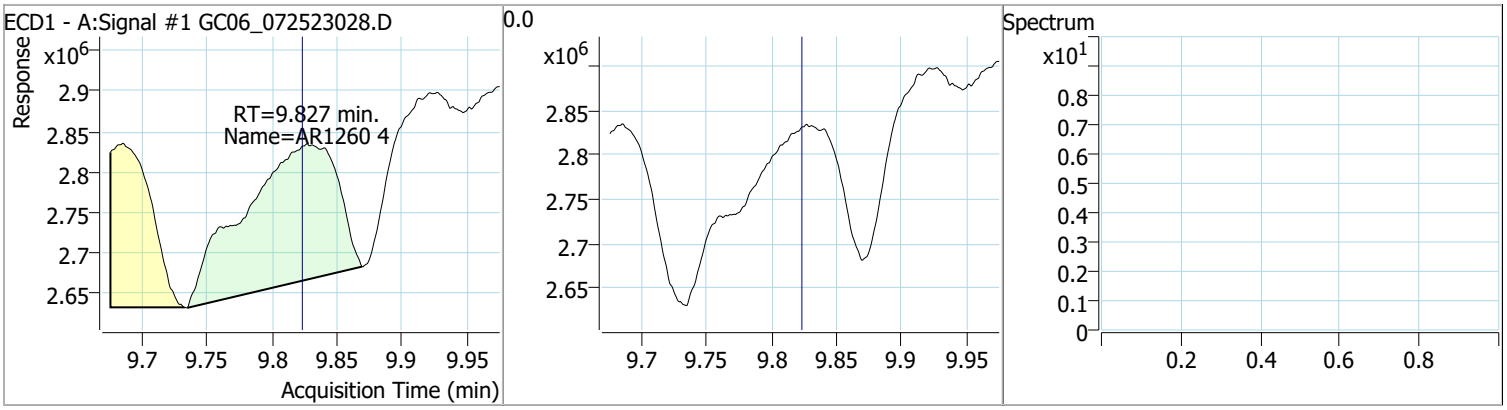
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3	2.1415	9.17	-0.13	40012				



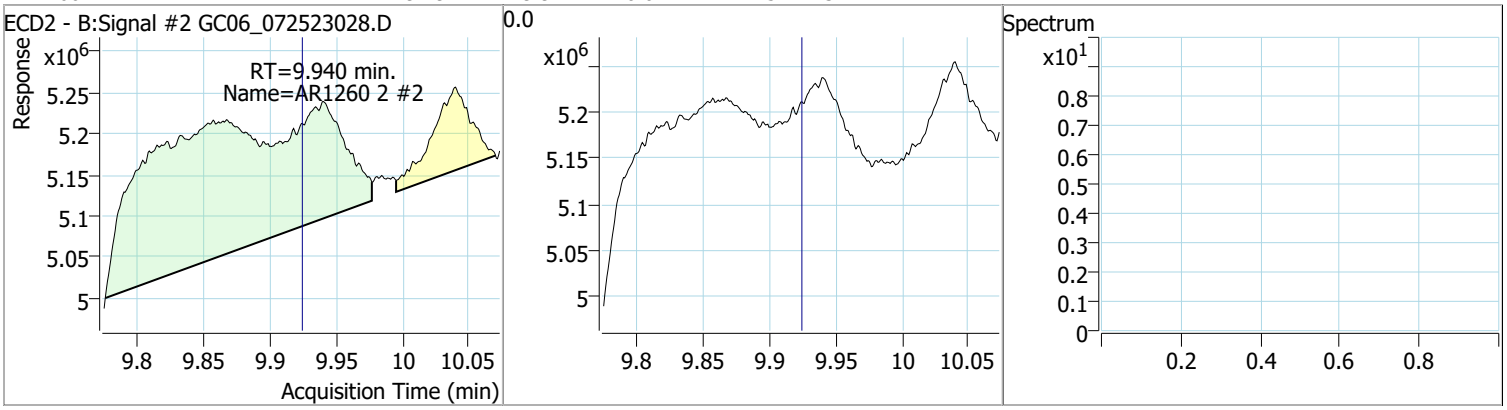
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1 #2	17.7307	9.60	-0.03	482161				



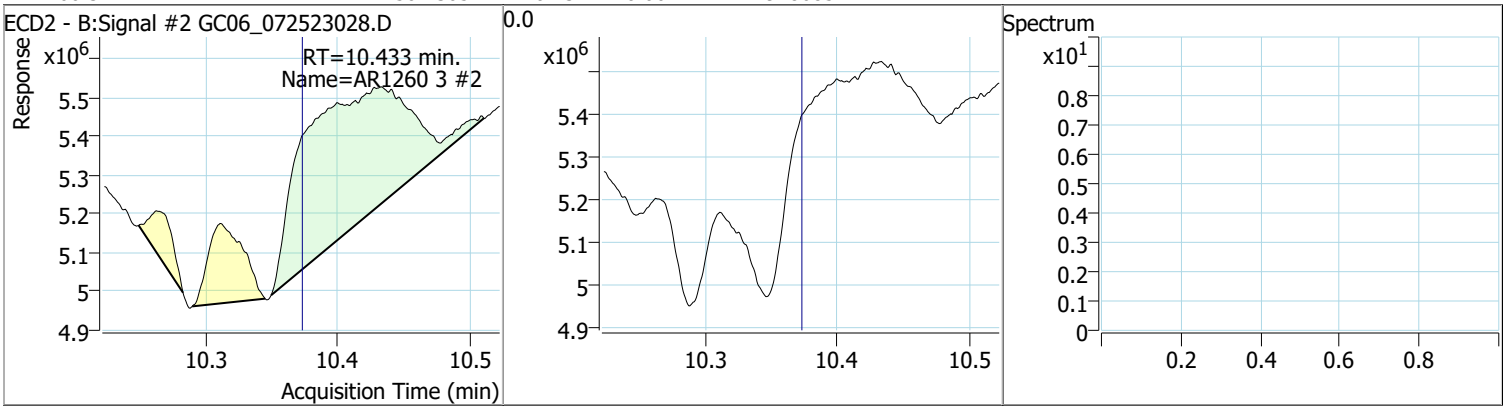
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4	84.7035	9.83	0.00	862230				



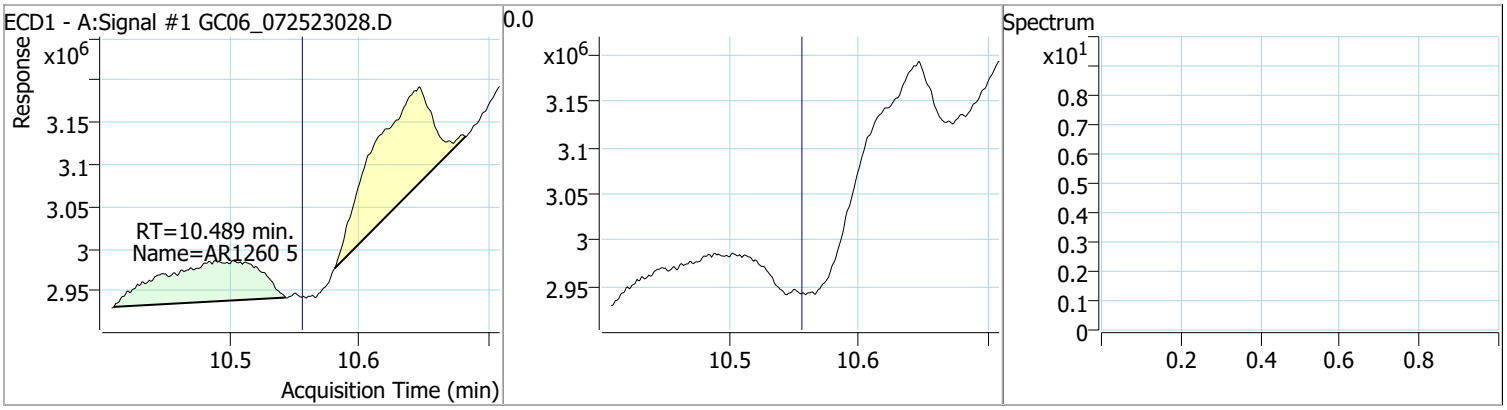
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	49.4912	9.94	0.02	1517413				



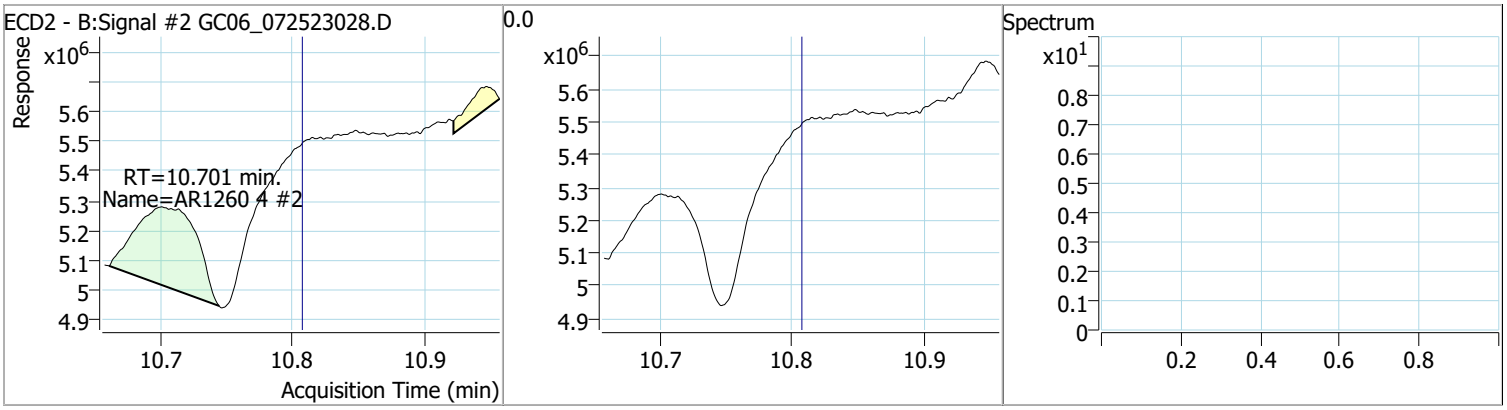
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3 #2	50.4305	10.43	0.06	1978685				



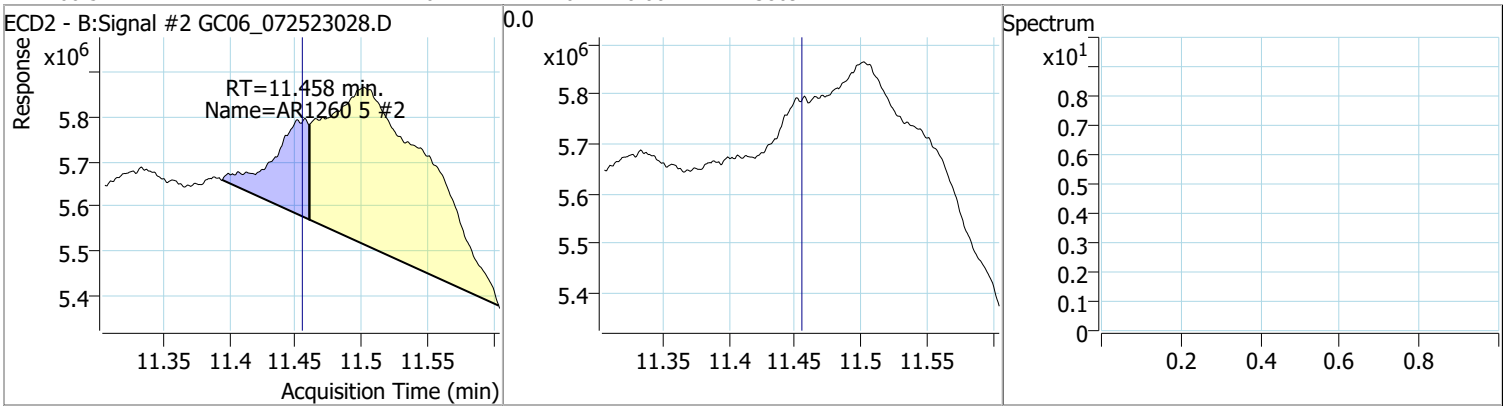
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	15.9132	10.49	-0.07	256130				



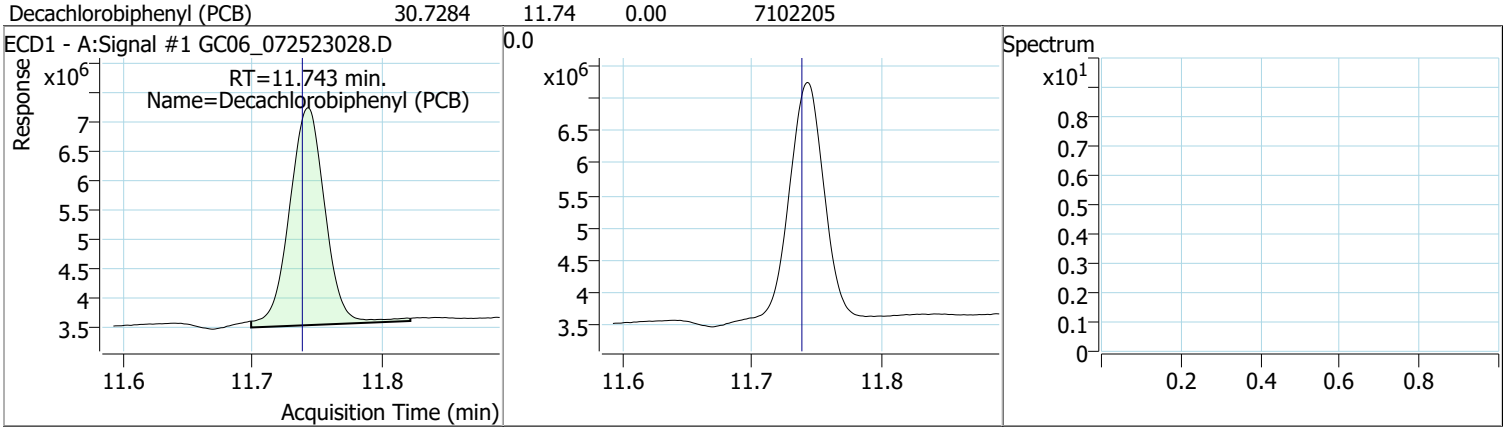
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	37.7634	10.70	-0.11	865443				



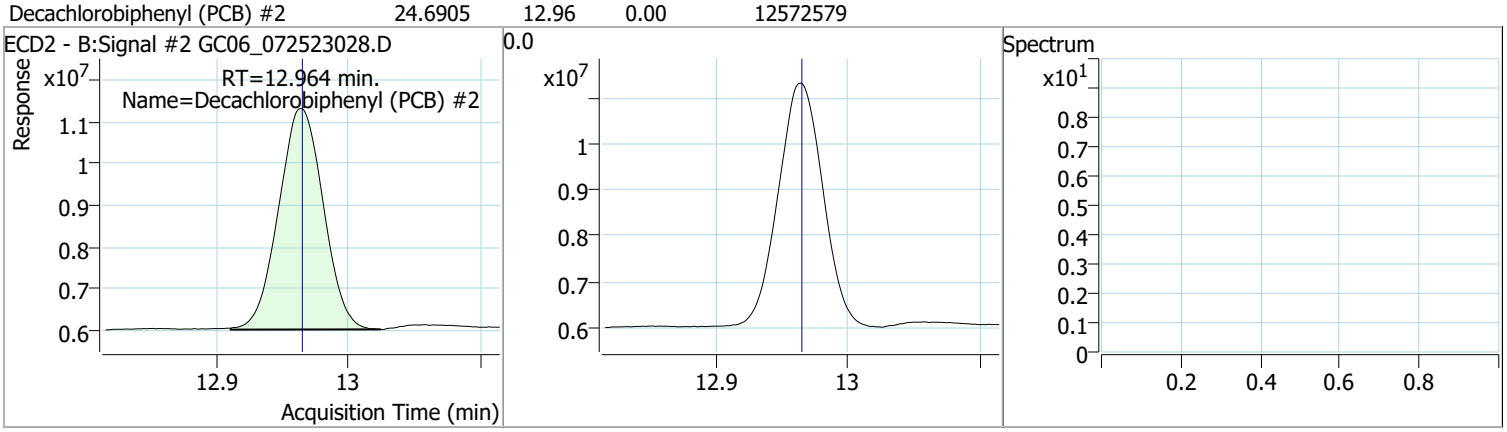
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	11.6477	11.46	0.00	386912				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	30.7284	11.74	0.00	7102205				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	24.6905	12.96	0.00	12572579				



ENTHALPY SAMPLE USER REPORT FOR EPA 8082

Inst:	SVOA-GC06	Lab ID:	489010-023	Client ID:	AFRAME-C7W-LAT-L3-UP-C7.3-DG-230724-P-LA
Seqnum:	453297295029	Matrix:	Wipe	Acct:	RINCON-BERK (JG)
File:	gc06_072523029	Batch:	318888	Time:	25-JUL-2023 22:40
Cal:	453205686001	Caldate:	22-MAY-2023		
IDF:	1.0	Raw Units:	ug/L	Units:	ug/dm2

- 1.00 dm2 ⇨ 10.0 ml = 10.0 ml/dm2 PDF

Analyte	Ch	Raw	Result	Conf	RPD	RL	Blank	Flags
Aroclor-1016	B	45.07	ND	1.2	94%	0.50		u
Aroclor-1016 Peak # 1	B	65.33	0.65	0.17	119%			
Aroclor-1016 Peak # 2	B	133.6	1.34	0.73	58%			
Aroclor-1016 Peak # 3	B	7.170	0.07	0.71	163%			
Aroclor-1016 Peak # 4	B	15.88	0.16	4.20	185%			
Aroclor-1016 Peak # 5	B	3.378	0.03	0.42	170%			
Aroclor-1221	B		ND			0.50		u
Aroclor-1232	B		ND			0.50		u
Aroclor-1242	B		ND			0.50		u
Aroclor-1248	B		ND			0.50		u
Aroclor-1254	B		ND			0.50		u
Aroclor-1260	B	37.91	ND	0.62	48%	0.50		u
Aroclor-1260 Peak # 1	B	22.65	0.23	1.67	152%			
Aroclor-1260 Peak # 2	B	56.67	0.57	0.05	167%			
Aroclor-1260 Peak # 3	B	61.40	0.61	0.05	169%			
Aroclor-1260 Peak # 4	B	43.16	0.43	1.17	92%			
Aroclor-1260 Peak # 5	B	5.663	0.06	0.14	86%			
Aroclor-1262	B		ND			0.50		u
Aroclor-1268	B		ND			0.50		u

Surrogate	Ch	Raw	Spiked	Result	%Rec	Limits	Flags
TCMX (PCB)	B	31.72	0.5000	0.3172	63	19-121	c- u
Decachlorobiphenyl (PCB)	B	26.92	0.5000	0.2692	54	19-121	u

NO INTERNAL STANDARD REFERENCE RUN FOUND FOR CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV(internal standard: 1BR2NITROBZ1268, 1BR2NITROBZ1262, 1BR2NITROBZ1232, 1BR2NITROBZ1248, 1BR2NITROBZ1242, 1BR2NITROBZ1221, 1BR2NITROBZ1254)

ISTD (CCV gc06_072523006)	Ch	CCV Abund	SAMPLE Abund	%Drift
1-bromo-2-nitrobenzene (PCB)	B	8843280	9183162	3.84
1-bromo-2-nitrobenzene (PCB)	A	3794782	3255964	-14.20

NO INTERNAL STANDARD REFERENCE RUN FOUND FOR CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV(internal standard: 1BR2NITROBZ1268, 1BR2NITROBZ1262, 1BR2NITROBZ1232, 1BR2NITROBZ1248, 1BR2NITROBZ1242, 1BR2NITROBZ1221, 1BR2NITROBZ1254)

ISTD (CCV gc06_072523006)	Ch	CCV RT	SAMPLE RT	Drift
1-bromo-2-nitrobenzene (PCB)	B	4.29	4.29	0.00
1-bromo-2-nitrobenzene (PCB)	A	4.09	4.07	-0.02

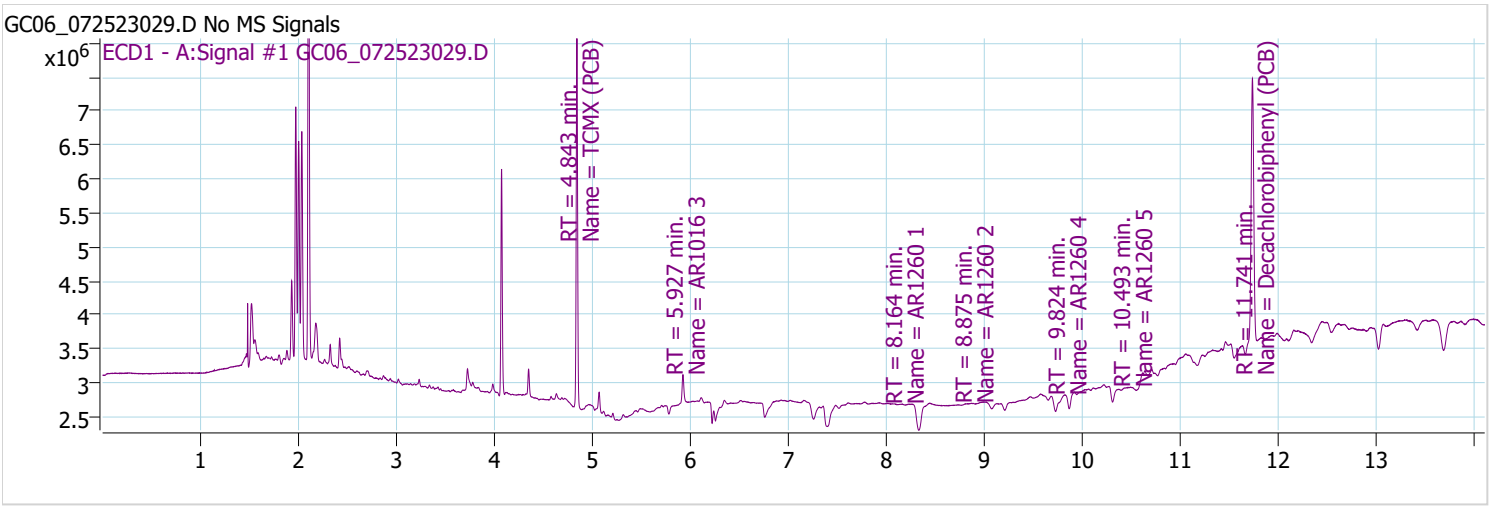
07/26/23 : WIPE/1DM^2.10ML

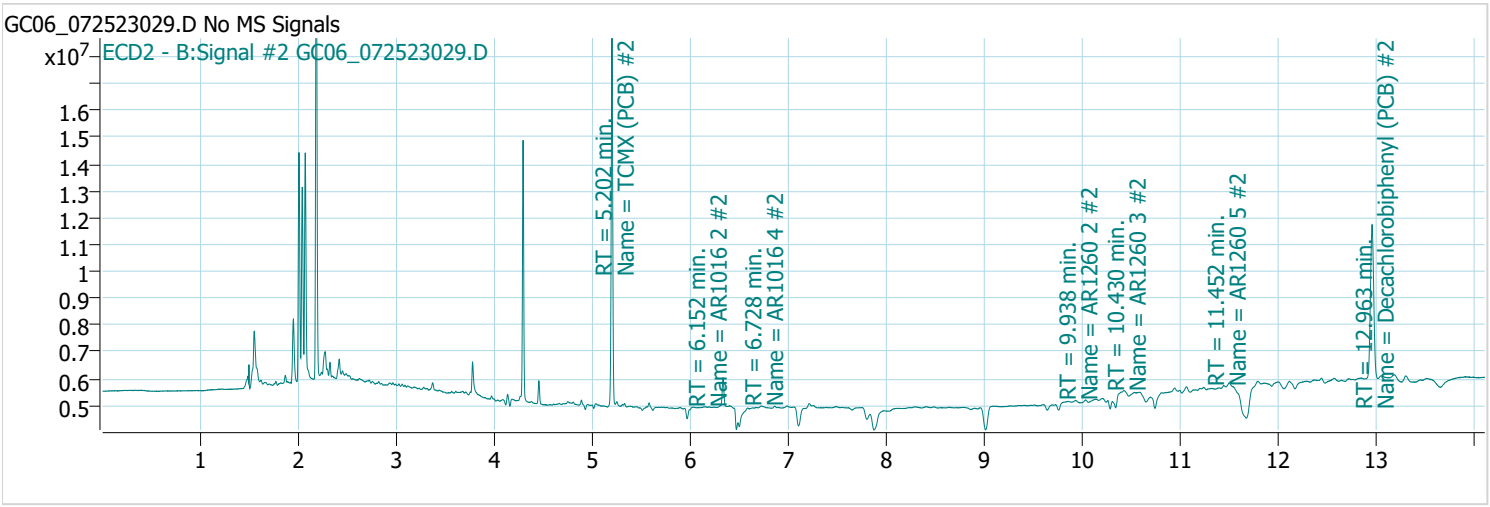
-=low bias c=CCV u=use

Analyst: MES 07/26/23 **Reviewer:** MTS 07/27/23

Quantitation Results Report (Not Reviewed)

Data File	GC06_072523029.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	7/25/2023 10:40:17 PM
Sample Name	489010-023, 318888, 1	Instrument	SVOA-GC06
Vial	15	Multiplier	1.00
DA Method File	PCB_608_052323_GC06_36.m	Comment	WIPE/1DM^2.10ML
Tune File	ATUNE.U	Tune Date	
Batch Name	072523PCB.batch.bin	Last Calib Update	5/23/2023 1:46:10 PM
Ref Library			



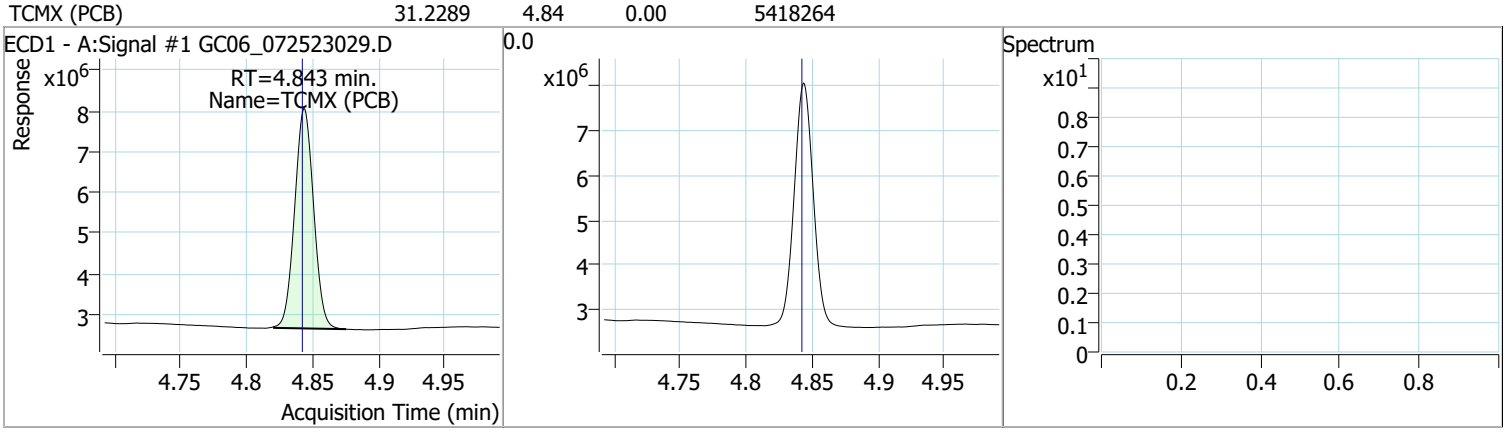


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1-bromo-2-nitrobenzene (PCB)	4.074	0.0	3255963.732	20.0000	ng/ml		-0.002
M 1-bromo-2-nitrobenzene (PCB) #2	4.294	0.0	9183162.195	20.0000	ng/ml		-0.001
System Monitoring Compounds							
S TCMX (PCB)	4.843	0.0	5418263.651	31.2289	ng/ml		-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 156.14%		*	
S TCMX (PCB) #2	5.202	0.0	15449920.398	31.7166	ng/ml		-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 158.58%		*	
S Decachlorobiphenyl (PCB)	11.741	0.0	7845674.593	36.1107	ng/ml		-0.004
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 180.55%		*	
S Decachlorobiphenyl (PCB) #2	12.963	0.0	13055147.453	26.9204	ng/ml		-0.004
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 134.60%			
Target Compounds							QValue

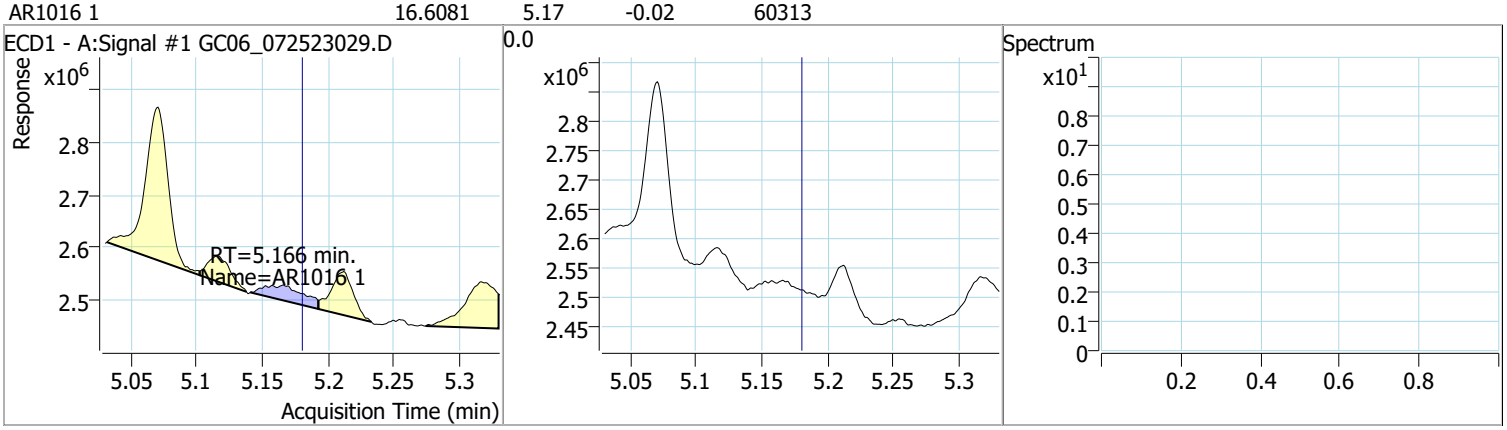
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T AR1016 1	5.166	0.0	60313.492	16.6081	ng/ml	100
T AR1016 2	5.492	0.0	540848.333	73.3574	ng/ml	100
T AR1016 1 #2	5.704	0.0	624882.245	65.3294	ng/ml	100
T AR1016 3	5.927	0.0	667426.141	70.8254	ng/ml	100
T AR1016 2 #2	6.152	0.0	2870180.051	133.5804	ng/ml	100
T AR1016 4	6.113	0.0	2384276.036	419.7733	ng/ml	100
T AR1016 5	6.241	0.0	181636.810	41.8131	ng/ml	100
T AR1016 3 #2	6.488	0.0	185382.440	7.1702	ng/ml	100
T AR1016 4 #2	6.728	0.0	295523.844	15.8810	ng/ml	100
T AR1016 5 #2	6.901	0.0	33530.119	3.3780	ng/ml	100
T AR1260 1	8.164	0.0	1797260.117	166.9205	ng/ml	100
T AR1260 2	8.875	0.0	83965.846	5.1083	ng/ml	100
T AR1260 3	9.176	0.0	91151.394	5.1898	ng/ml	100
T AR1260 1 #2	9.608	0.0	586504.864	22.6465	ng/ml	100
T AR1260 4	9.824	0.0	1120419.919	117.0894	ng/ml	100
T AR1260 2 #2	9.938	0.0	1654814.223	56.6719	ng/ml	100
T AR1260 3 #2	10.430	0.0	2294449.297	61.4030	ng/ml	100
T AR1260 5	10.493	0.0	215979.470	14.2747	ng/ml	100
T AR1260 4 #2	10.697	0.0	942014.632	43.1604	ng/ml	100
T AR1260 5 #2	11.452	0.0	179156.831	5.6631	ng/ml	100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

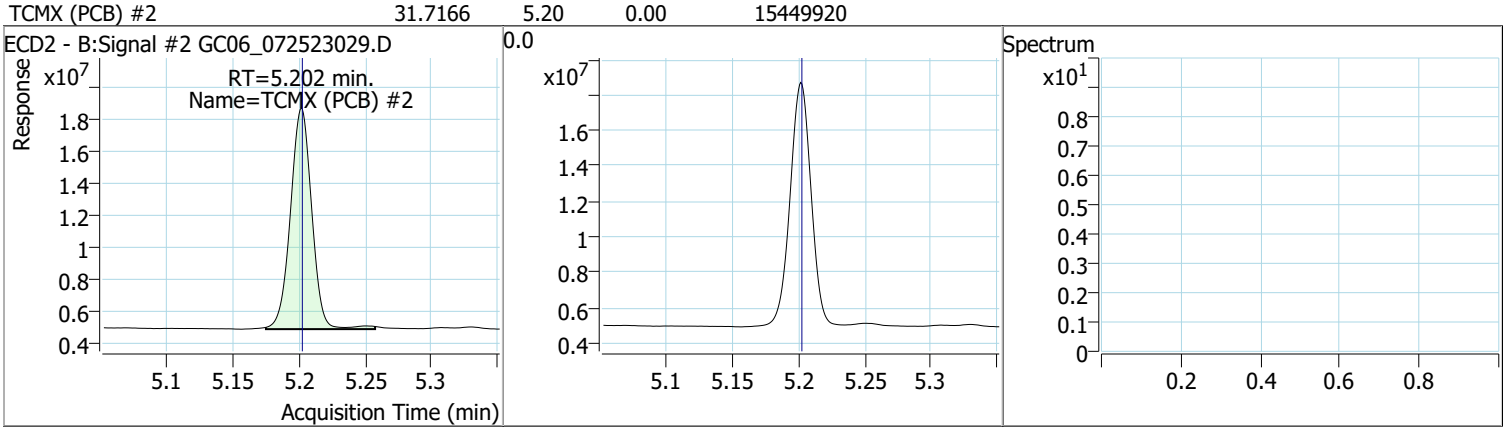
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	31.2289	4.84	0.00	5418264				



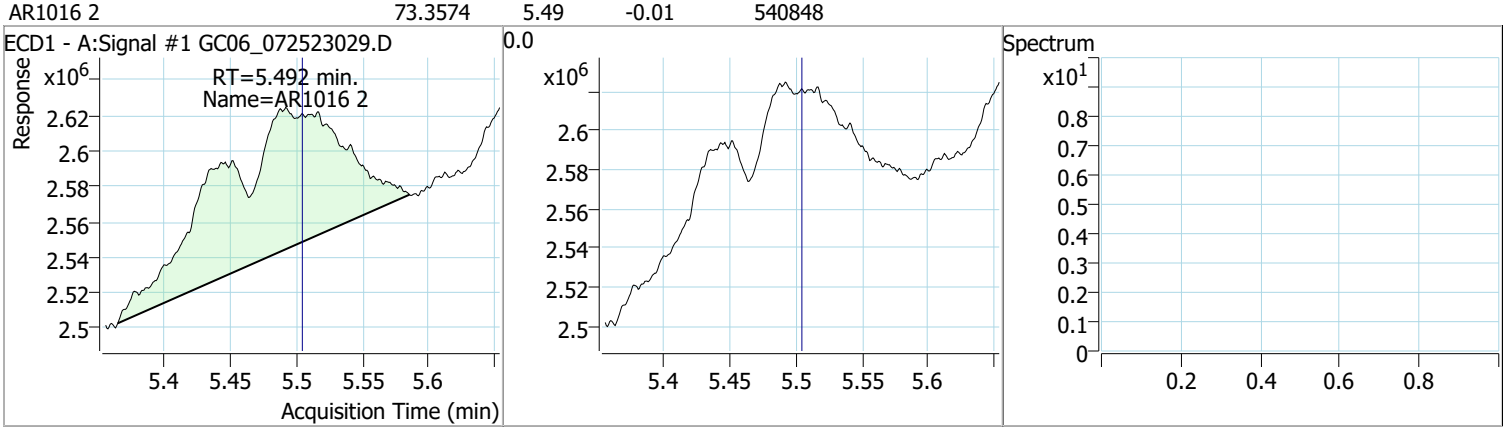
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	16.6081	5.17	-0.02	60313				



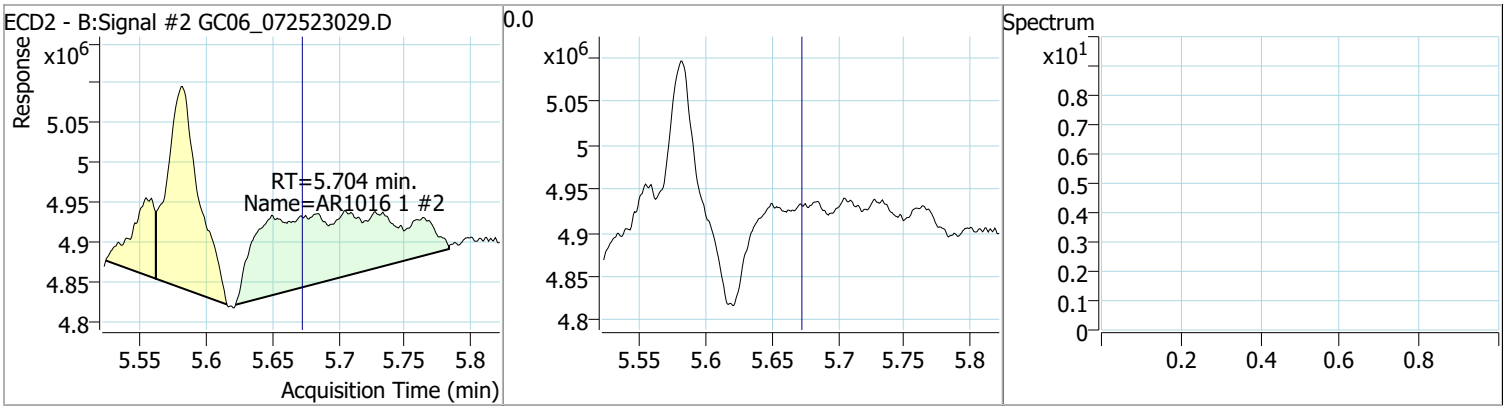
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB) #2	31.7166	5.20	0.00	15449920				



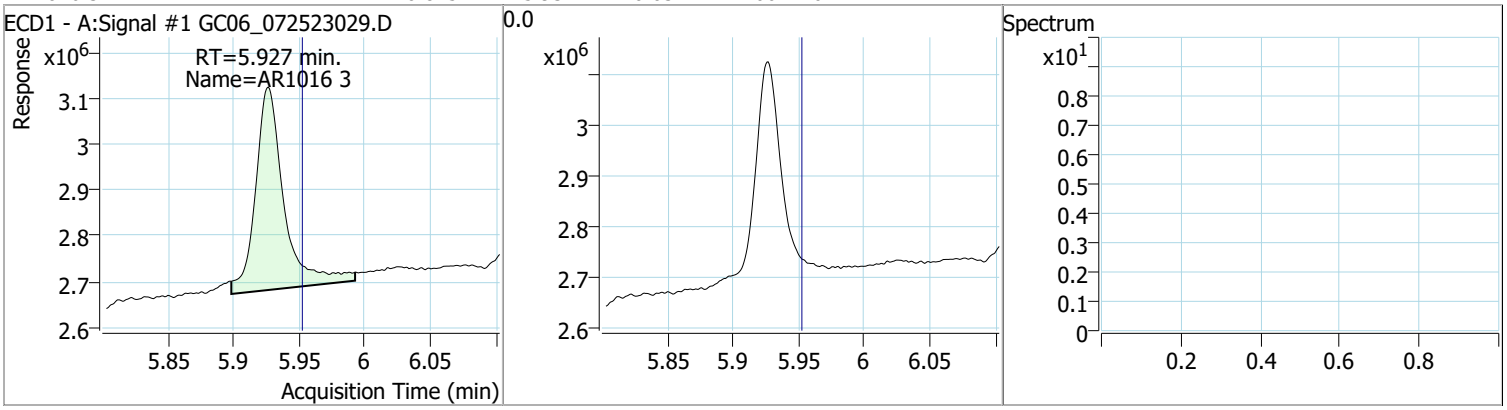
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	73.3574	5.49	-0.01	540848				



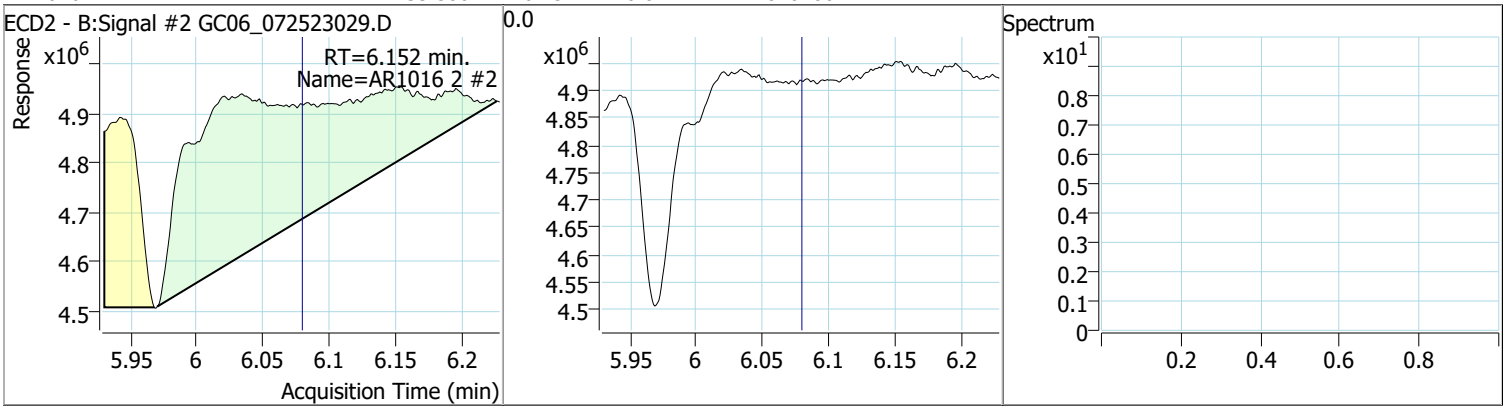
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1 #2	65.3294	5.70	0.03	624882				



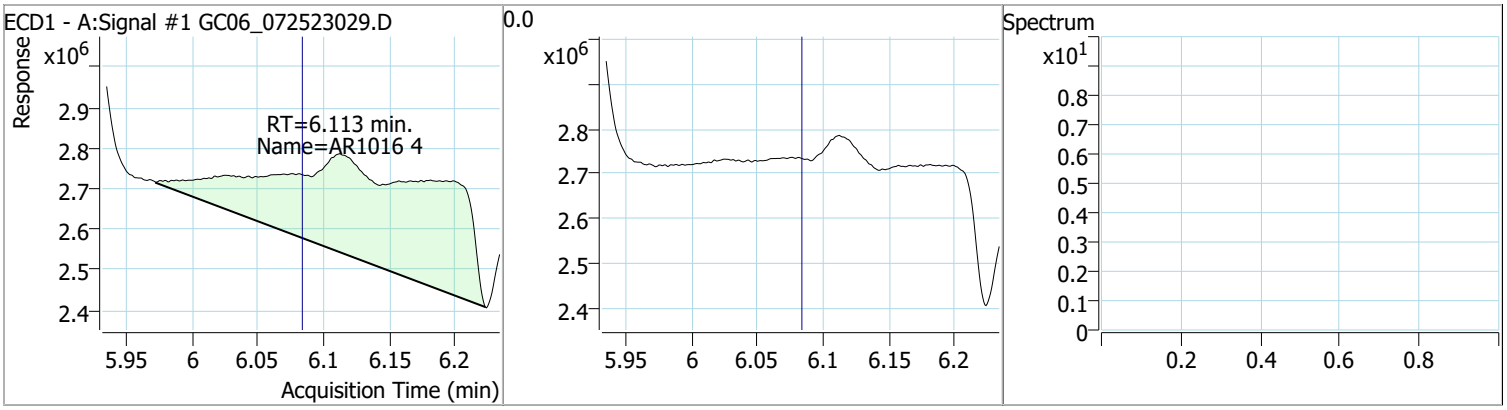
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	70.8254	5.93	-0.03	667426				



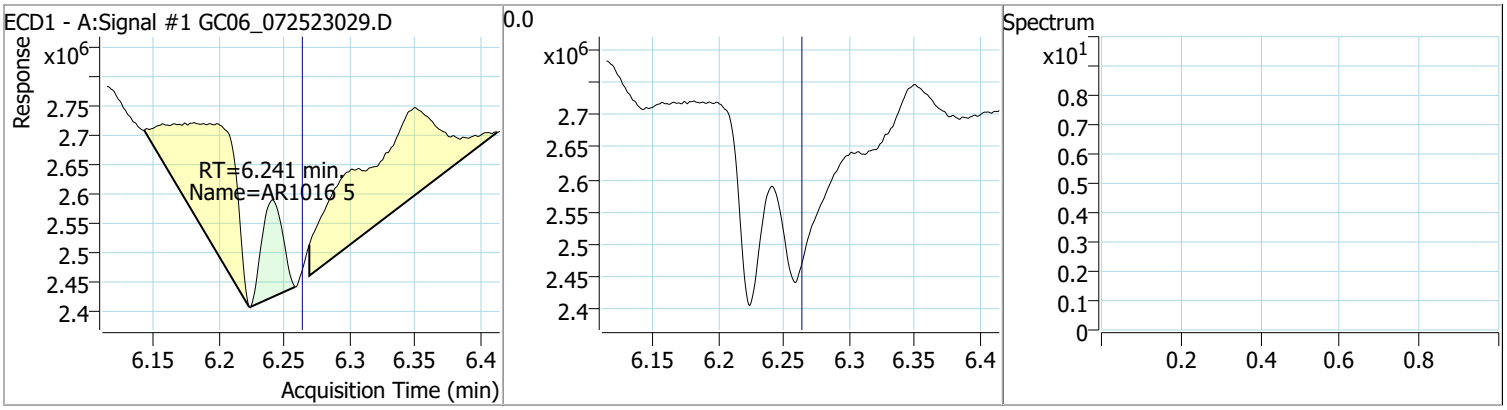
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	133.5804	6.15	0.07	2870180				



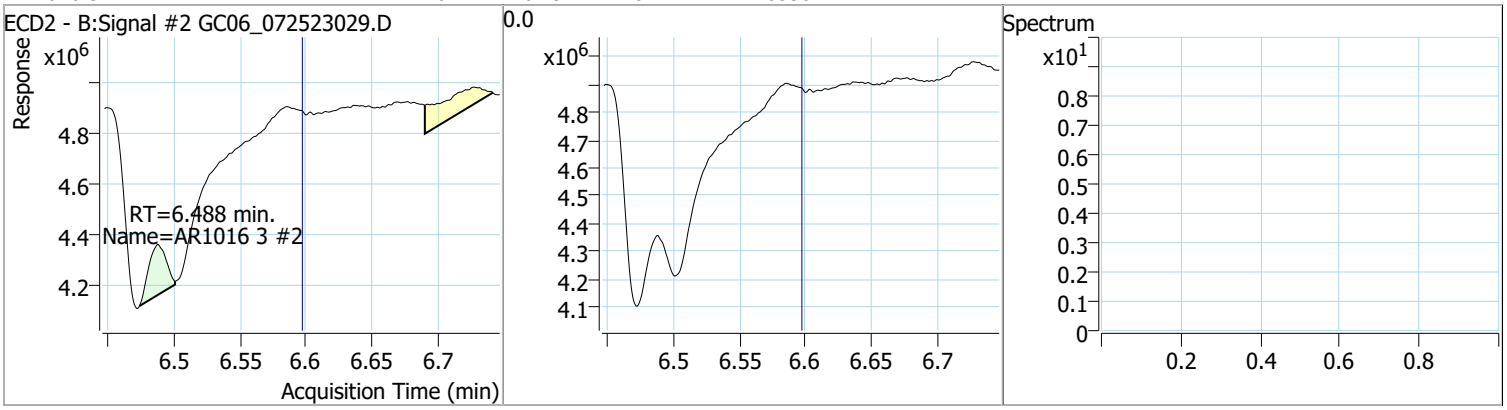
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4	419.7733	6.11	0.03	2384276				



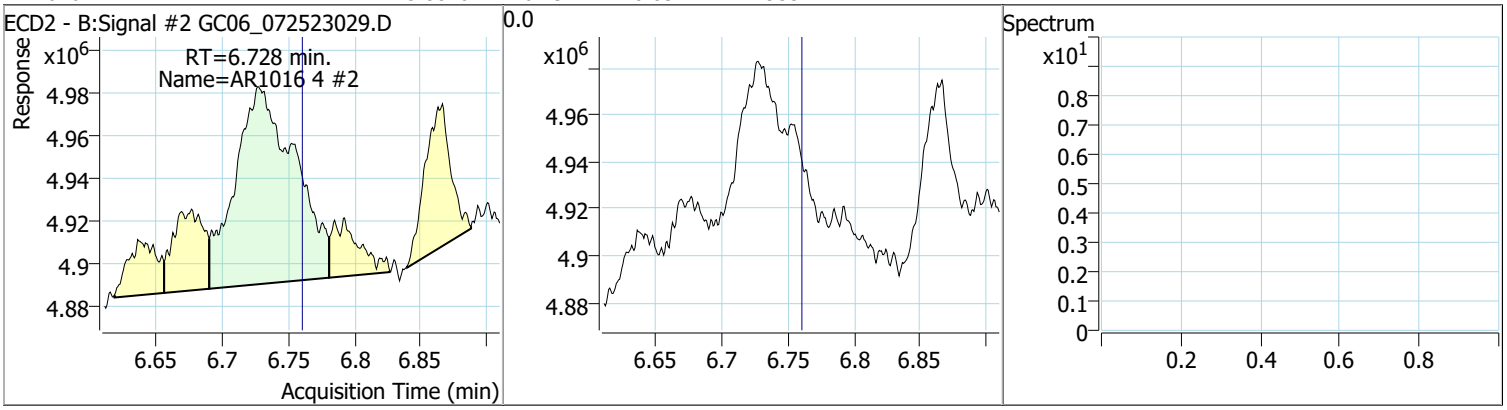
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	41.8131	6.24	-0.03	181637				



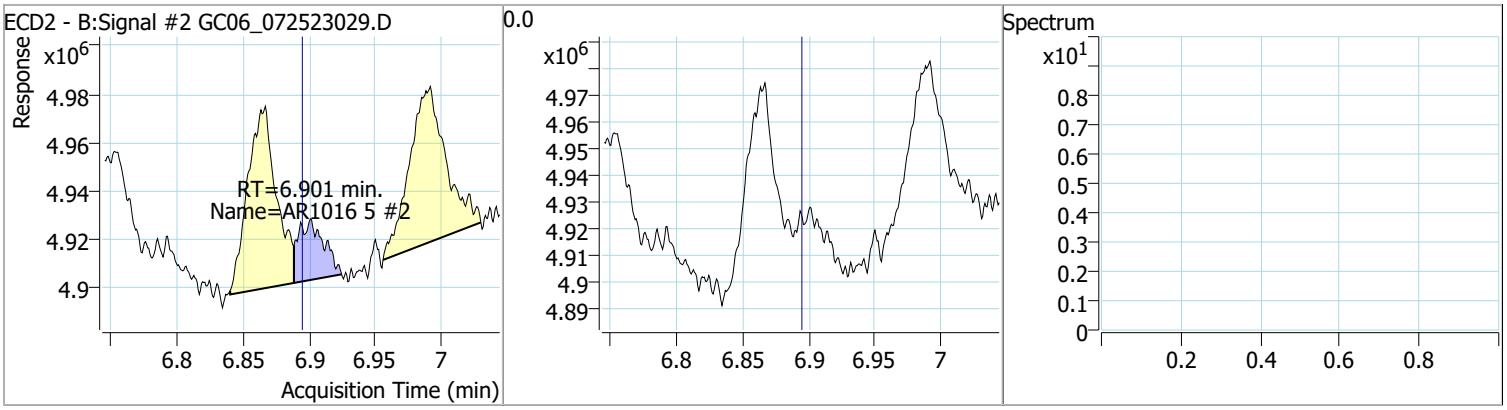
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	7.1702	6.49	-0.11	185382				



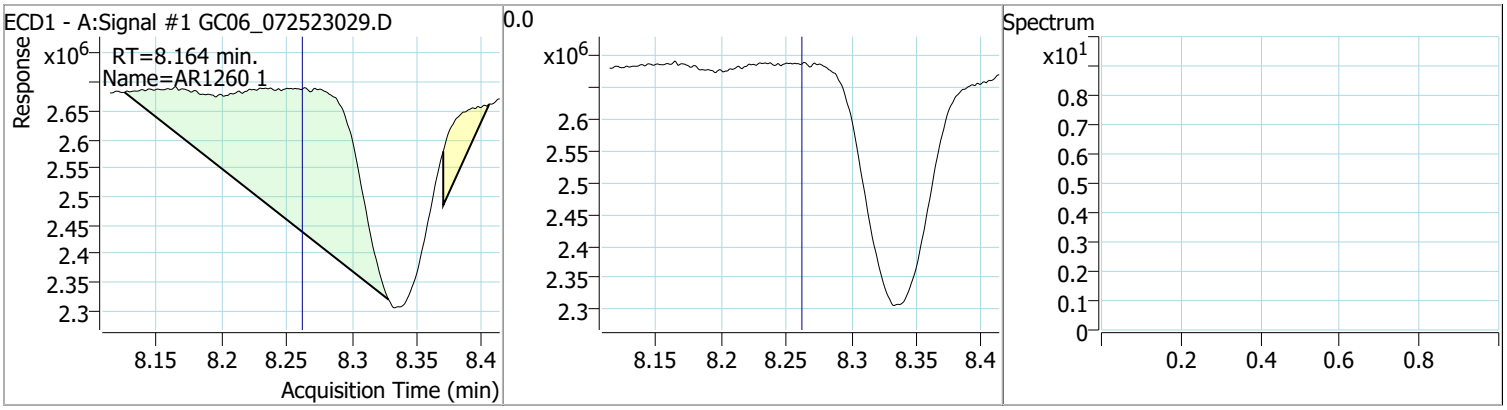
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4 #2	15.8810	6.73	-0.03	295524				



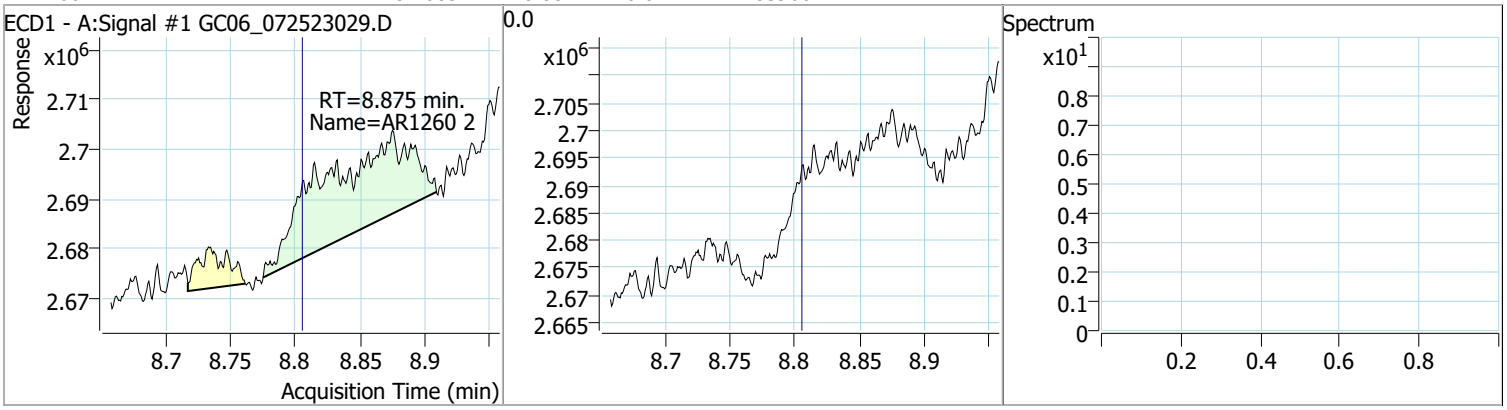
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	3.3780	6.90	0.01	33530				



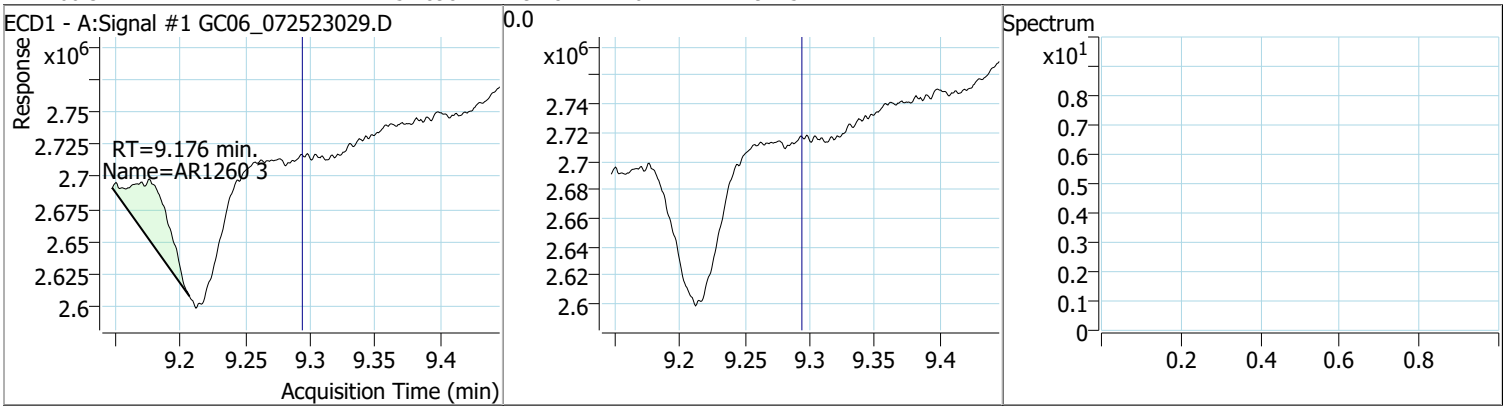
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	166.9205	8.16	-0.10	1797260				



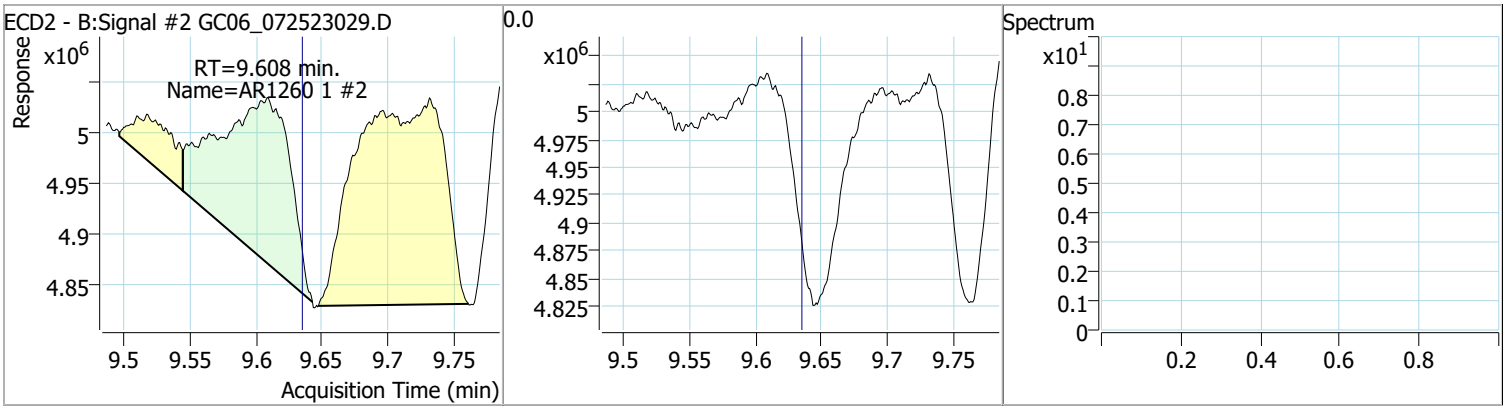
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	5.1083	8.88	0.07	83966				



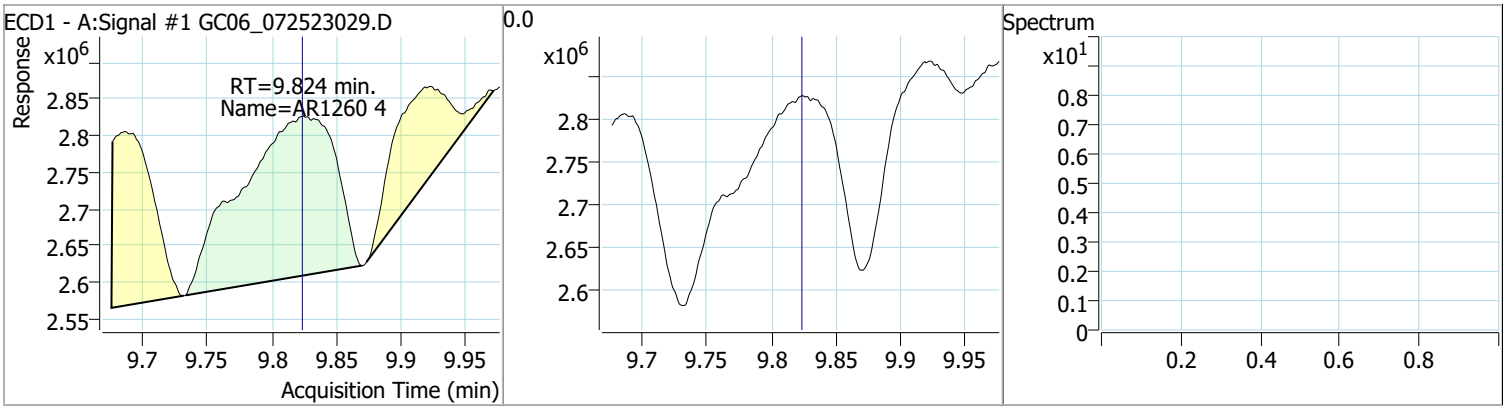
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3	5.1898	9.18	-0.12	91151				



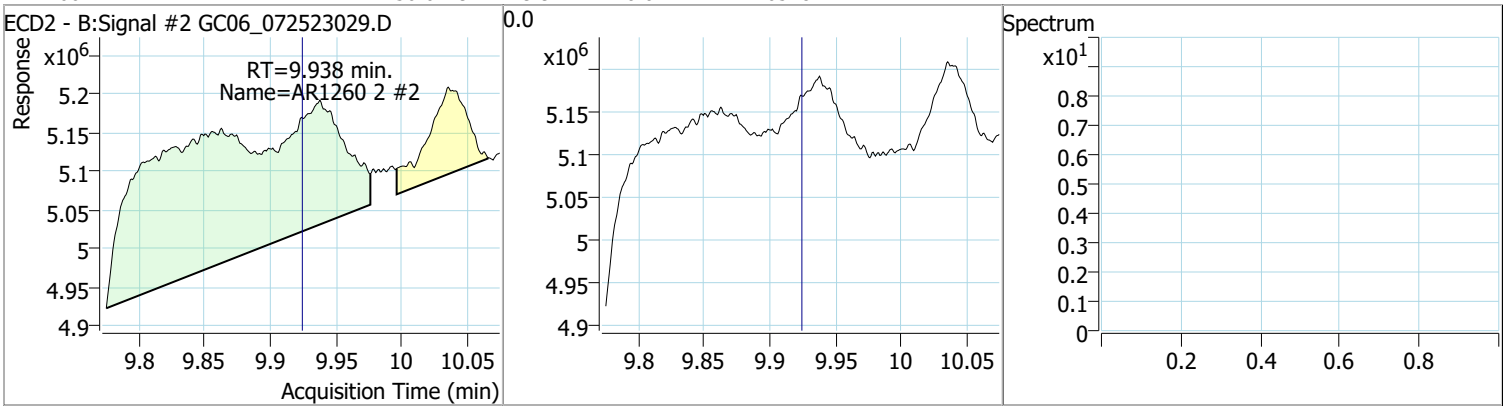
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1 #2	22.6465	9.61	-0.03	586505				



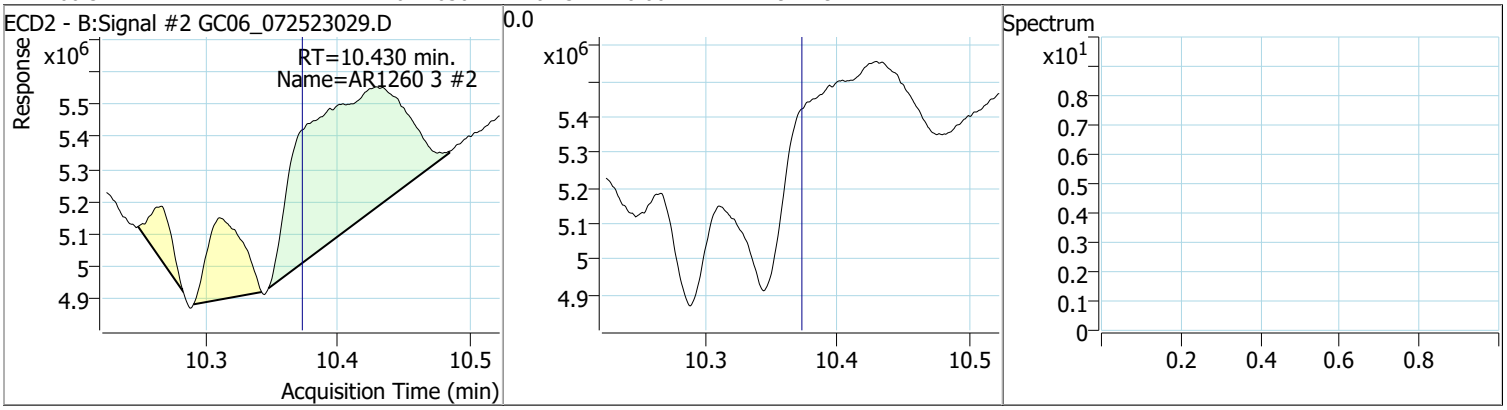
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4	117.0894	9.82	0.00	1120420				



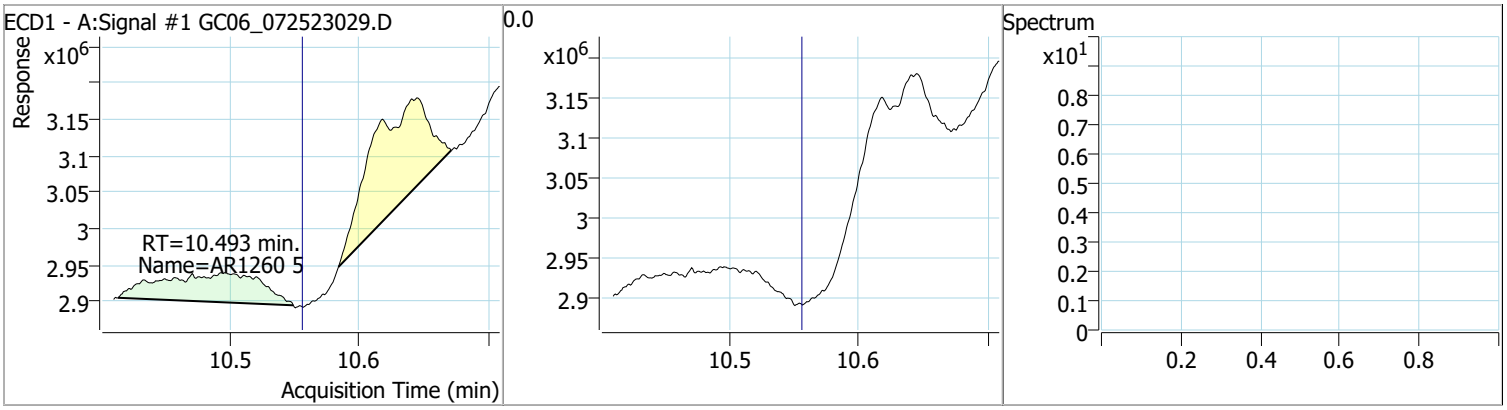
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	56.6719	9.94	0.01	1654814				



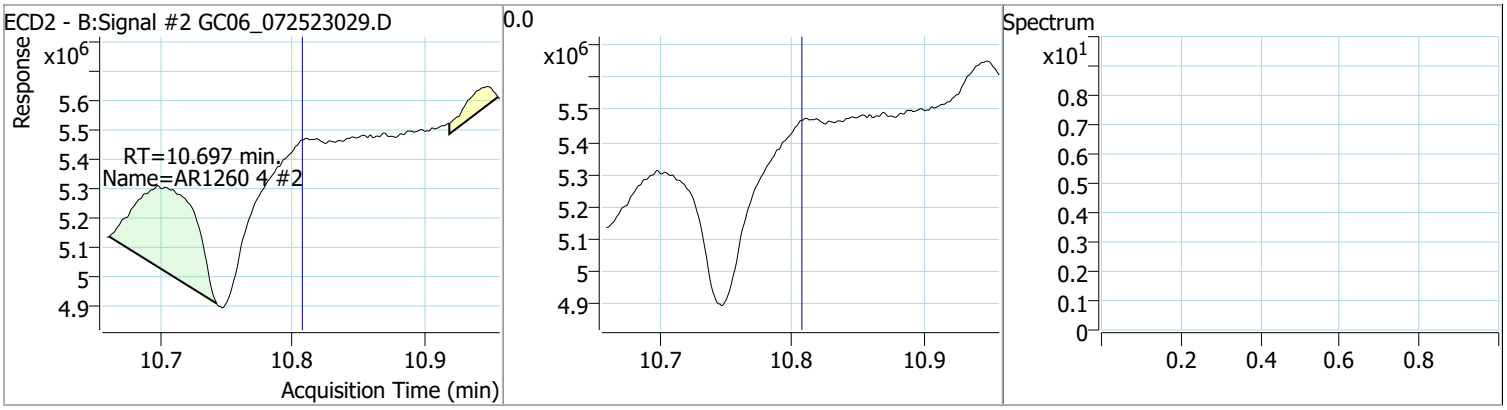
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3 #2	61.4030	10.43	0.06	2294449				



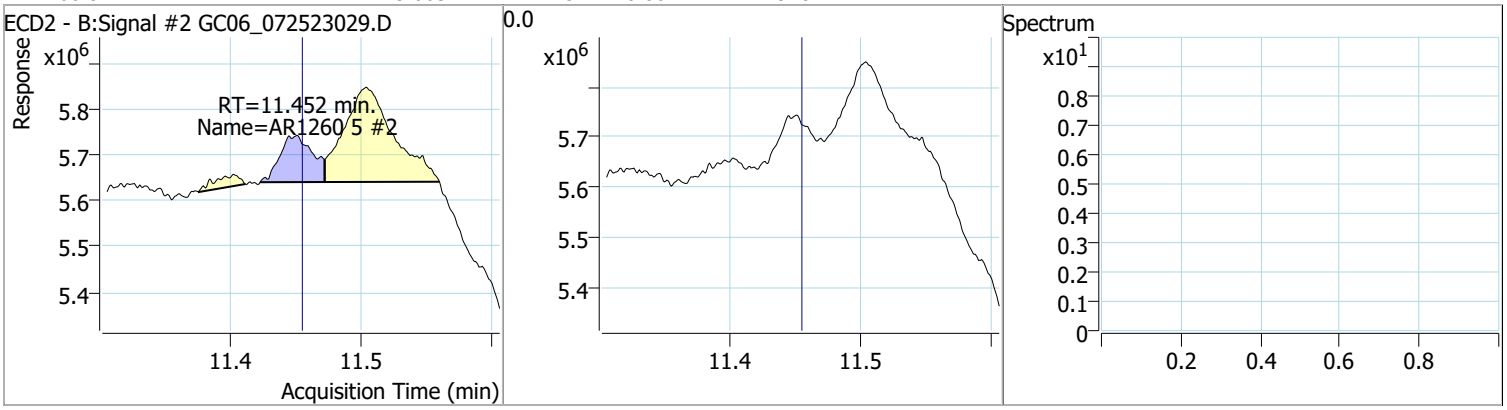
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	14.2747	10.49	-0.07	215979				



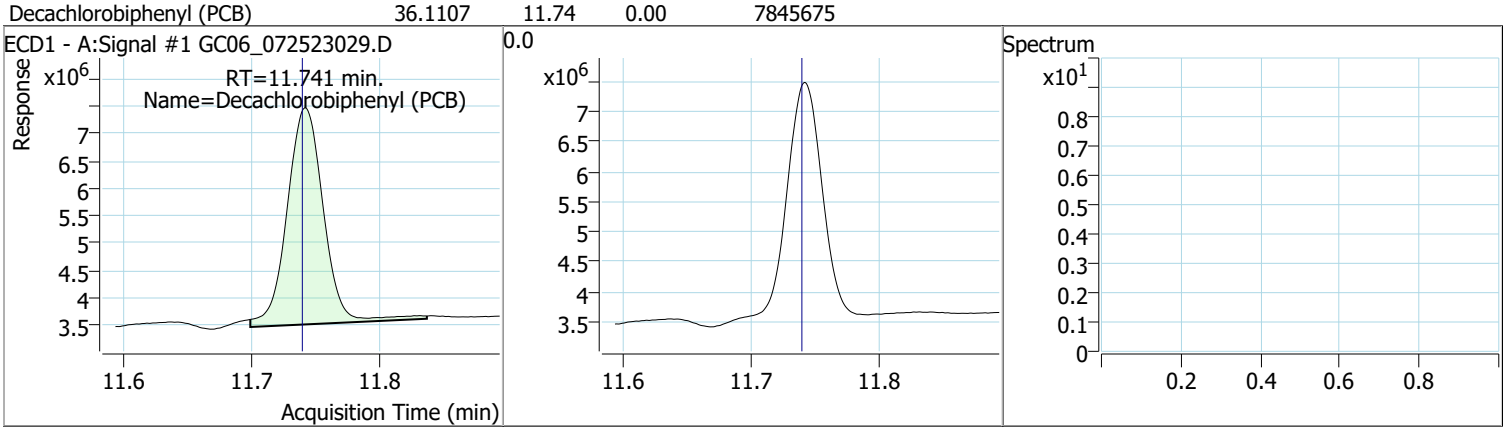
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	43.1604	10.70	-0.11	942015				



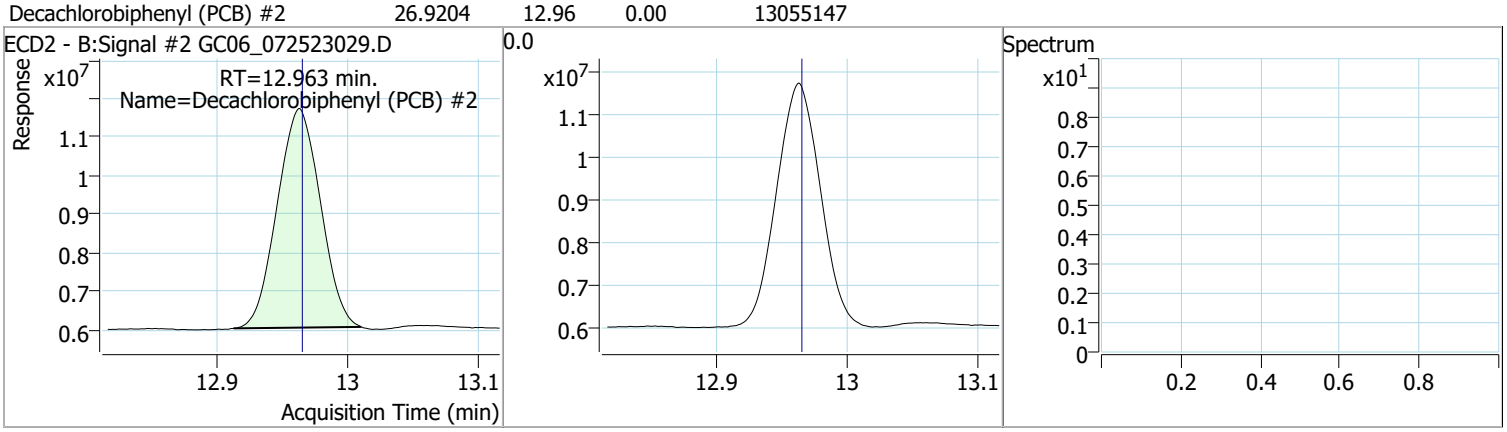
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	5.6631	11.45	0.00	179157				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	36.1107	11.74	0.00	7845675				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	26.9204	12.96	0.00	13055147				



QC Raw Data

ENTHALPY BLANK USER REPORT FOR 489010 PCBS Wipe

EPA 8082

Inst:	SVOA-GC06	Lab ID:	QC1082105		
Seqnum:	453297295015.1	Matrix:	Wipe		
File:	gc06_072523015	Batch:	318888	Time:	25-JUL-2023 18:25
Cal:	453205686001	Caldate:	22-MAY-2023		
IDF:	1.0	Raw Units:	ug/L	Units:	ug/dm2

- 1.00 dm2 ⇨ 10.0 ml = 10.0 ml/dm2 PDF

Analyte	Ch	Raw	Result	Conf	RPD	RL	Flags
Aroclor-1016	B	58.60	~~0.59~~ ~~FP~~	1.5	88%	0.50	x u
Aroclor-1221	B		ND			0.50	u
Aroclor-1232	B		ND			0.50	u
Aroclor-1242	B		ND			0.50	u
Aroclor-1248	B		ND			0.50	u
Aroclor-1254	B		ND			0.50	u
Aroclor-1260	B	11.92	ND	0.43	113%	0.50	u
Aroclor-1262	B		ND			0.50	u
Aroclor-1268	B		ND			0.50	u

Surrogate	Ch	Raw	Spiked	Result	%Rec	Limits	Flags
TCMX (PCB)	B	32.69	0.5000	0.3269	65	19-121	c- u
Decachlorobiphenyl (PCB)	B	33.89	0.5000	0.3389	68	19-121	u

NO INTERNAL STANDARD REFERENCE RUN FOUND FOR CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV(internal standard: 1BR2NITROBZ1268, 1BR2NITROBZ1262, 1BR2NITROBZ1232, 1BR2NITROBZ1248, 1BR2NITROBZ1242, 1BR2NITROBZ1221, 1BR2NITROBZ1254)

ISTD (CCV gc06_072523006)	Ch	CCV Abund	BLANK Abund	%Drift
1-bromo-2-nitrobenzene (PCB)	B	8843280	9076257	2.63
1-bromo-2-nitrobenzene (PCB)	A	3794782	3697011	-2.58

NO INTERNAL STANDARD REFERENCE RUN FOUND FOR CCV+CCV/BS+CCV/LCS+ICAL+ICV+ICV/BS+ICV/CCV+ICV/LCS+RCCV+RICV(internal standard: 1BR2NITROBZ1268, 1BR2NITROBZ1262, 1BR2NITROBZ1232, 1BR2NITROBZ1248, 1BR2NITROBZ1242, 1BR2NITROBZ1221, 1BR2NITROBZ1254)

ISTD (CCV gc06_072523006)	Ch	CCV RT	BLANK RT	Drift
1-bromo-2-nitrobenzene (PCB)	B	4.29	4.29	0.00
1-bromo-2-nitrobenzene (PCB)	A	4.09	4.08	-0.01

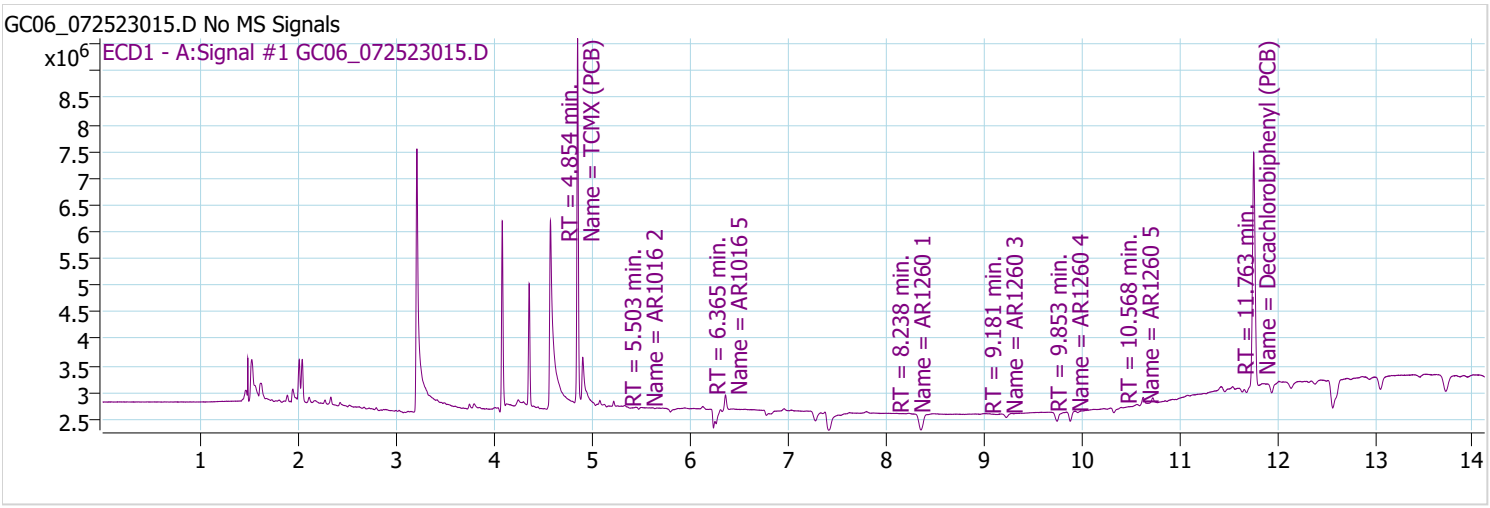
07/26/23 : WIPE/1DM^2.10ML [general version]

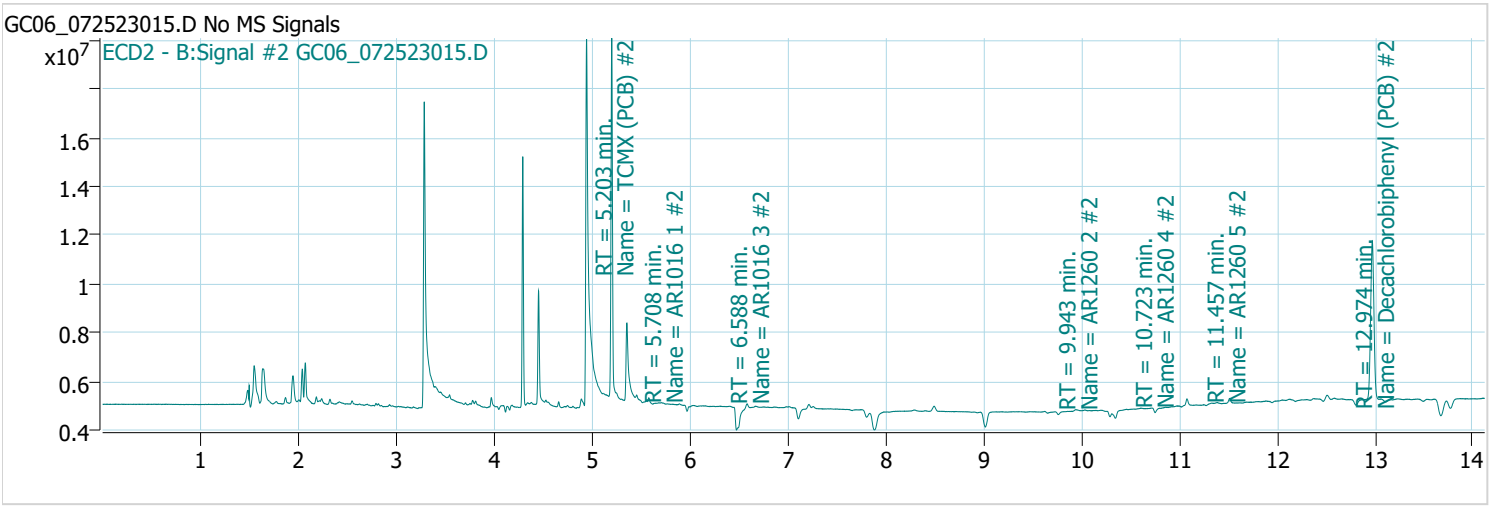
-=low bias c=CCV u=use x=false positive

Analyst: MES 07/26/23 **Reviewer:** MTS 07/27/23

Quantitation Results Report (Not Reviewed)

Data File	GC06_072523015.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	7/25/2023 6:25:53 PM
Sample Name	QC1082105, 318888, 1	Instrument	SVOA-GC06
Vial	1	Multiplier	1.00
DA Method File	PCB_608_052323_GC06_36.m	Comment	WIPE/1DM^2.10ML
Tune File	ATUNE.U	Tune Date	
Batch Name	072523PCB.batch.bin	Last Calib Update	5/23/2023 1:46:10 PM
Ref Library			



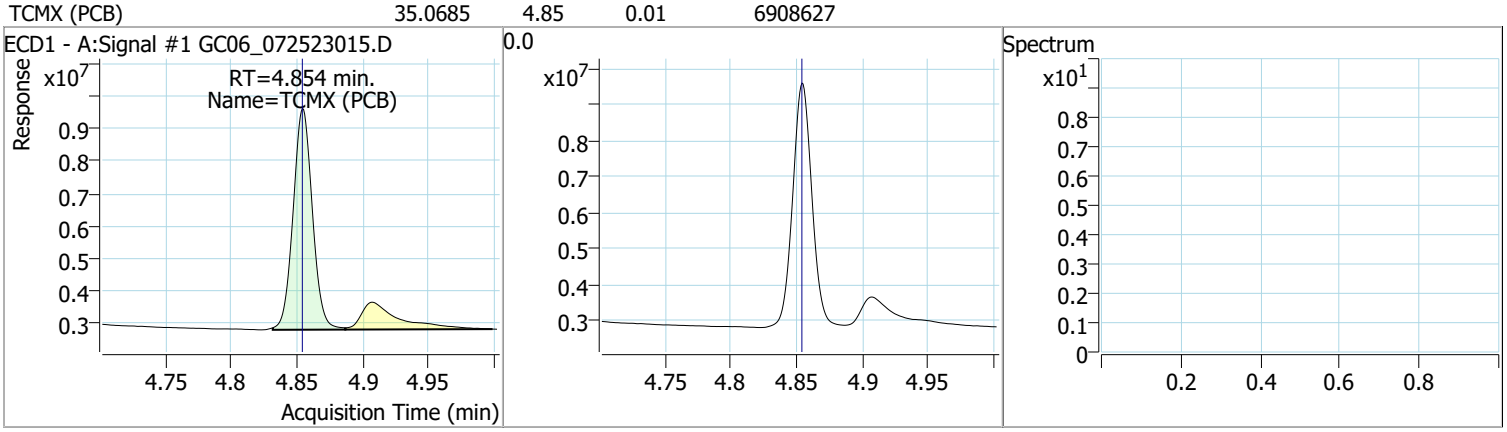


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1-bromo-2-nitrobenzene (PCB)	4.084	0.0	3697011.493	20.0000	ng/ml		0.008
M 1-bromo-2-nitrobenzene (PCB) #2	4.294	0.0	9076256.666	20.0000	ng/ml		-0.001
System Monitoring Compounds							
S TCMX (PCB)	4.854	0.0	6908627.108	35.0685	ng/ml		0.010
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 175.34%		*	
S TCMX (PCB) #2	5.203	0.0	15740874.941	32.6945	ng/ml		0.000
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 163.47%		*	
S Decachlorobiphenyl (PCB)	11.763	0.0	8366112.205	33.9123	ng/ml		0.018
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 169.56%		*	
S Decachlorobiphenyl (PCB) #2	12.974	0.0	16243654.182	33.8899	ng/ml		0.008
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 169.45%		*	
Target Compounds							QValue

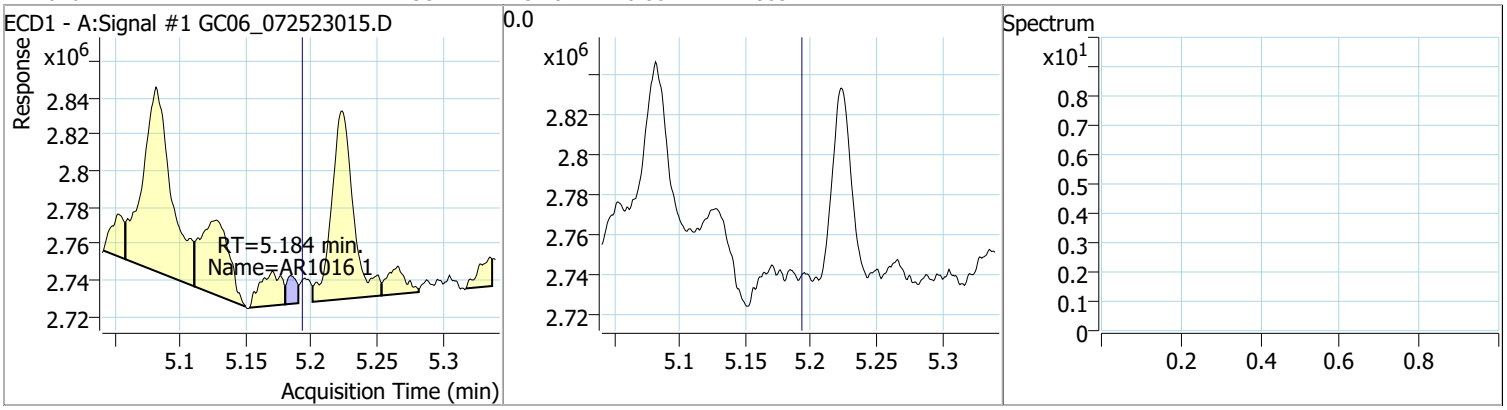
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T AR1016 1	5.184	0.0	8051.977	1.9527	ng/ml	100
T AR1016 2	5.503	0.0	187148.997	22.3555	ng/ml	100
T AR1016 1 #2	5.708	0.0	315872.082	33.4123	ng/ml	100
T AR1016 3	5.945	0.0	275133.182	25.7133	ng/ml	100
T AR1016 2 #2	6.034	0.0	938276.022	44.1824	ng/ml	100
T AR1016 4	6.134	0.0	2885942.892	447.4812	ng/ml	100
T AR1016 5	6.365	0.0	1264955.440	256.4556	ng/ml	100
T AR1016 3 #2	6.588	0.0	5308414.944	207.7366	ng/ml	100
T AR1016 4 #2	6.766	0.0	104719.637	5.6938	ng/ml	100
T AR1016 5 #2	6.885	0.0	19245.550	1.9617	ng/ml	100
T AR1260 1	8.238	0.0	1388086.871	113.5387	ng/ml	100
T AR1260 2	8.817	0.0	3615.077	0.1937	ng/ml	100
T AR1260 3	9.181	0.0	85160.548	4.2703	ng/ml	100
T AR1260 1 #2	9.625	0.0	189785.077	7.4144	ng/ml	100
T AR1260 4	9.853	0.0	982213.179	90.4006	ng/ml	100
T AR1260 2 #2	9.943	0.0	785037.373	27.2016	ng/ml	100
T AR1260 3 #2	10.313	0.0	252001.588	6.8234	ng/ml	100
T AR1260 5	10.568	0.0	75681.697	4.4053	ng/ml	100
T AR1260 4 #2	10.723	0.0	378500.364	17.5461	ng/ml	100
T AR1260 5 #2	11.457	0.0	18725.905	0.5989	ng/ml	100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

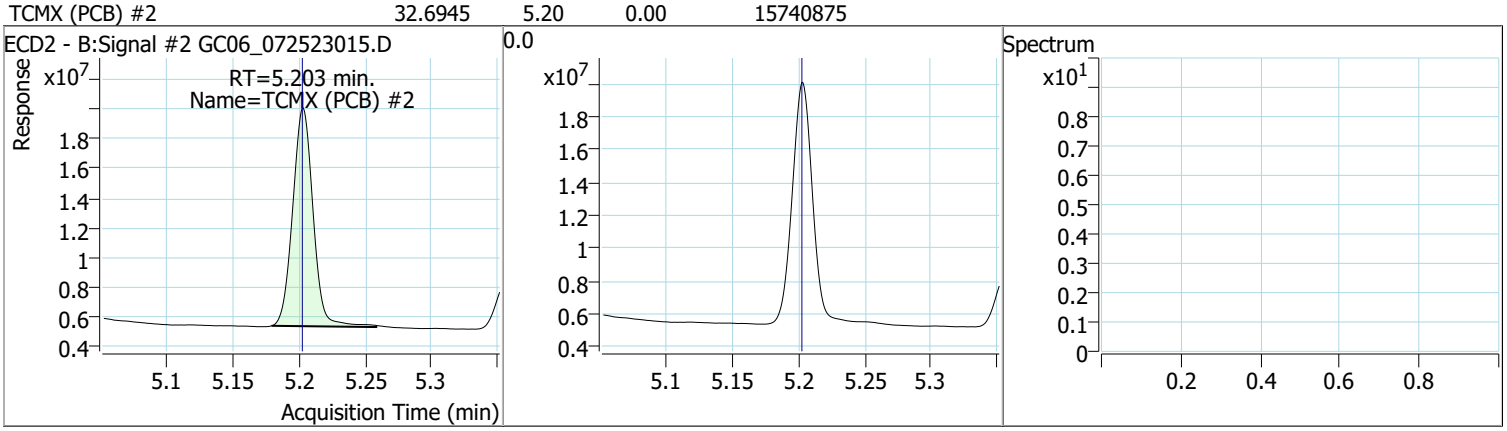
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	35.0685	4.85	0.01	6908627				



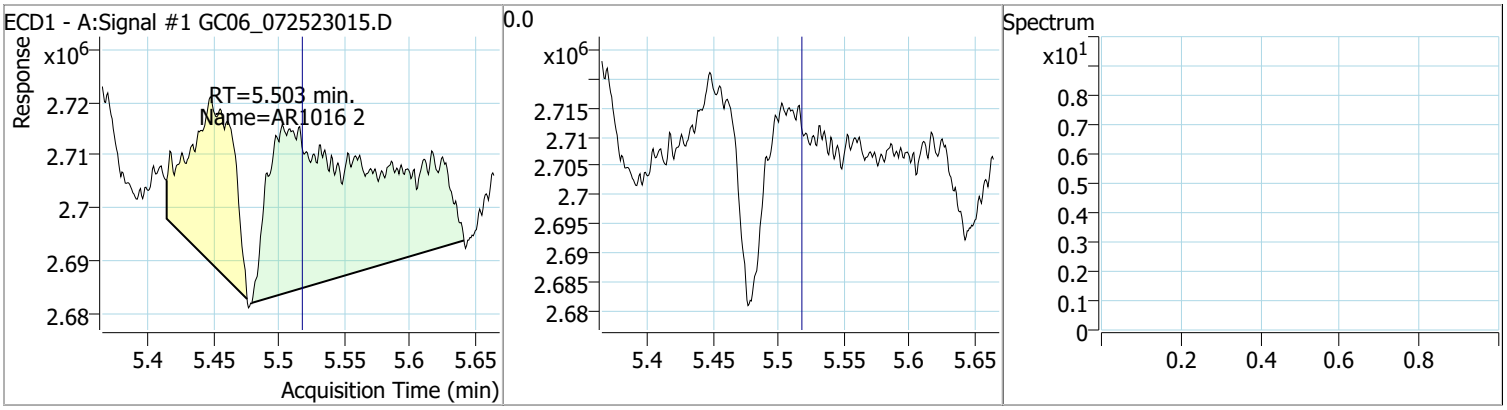
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	1.9527	5.18	0.00	8052				



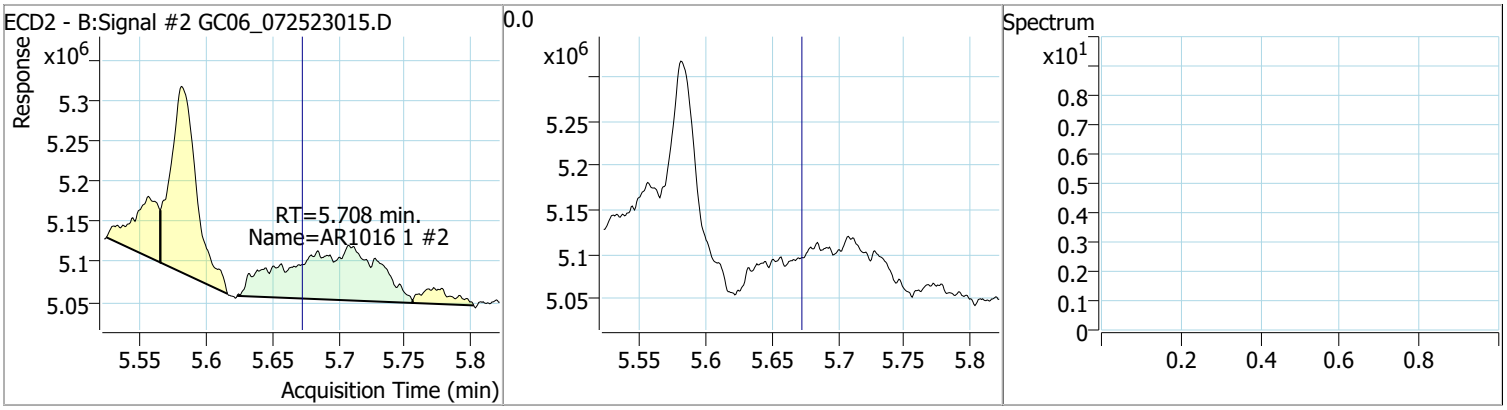
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB) #2	32.6945	5.20	0.00	15740875				



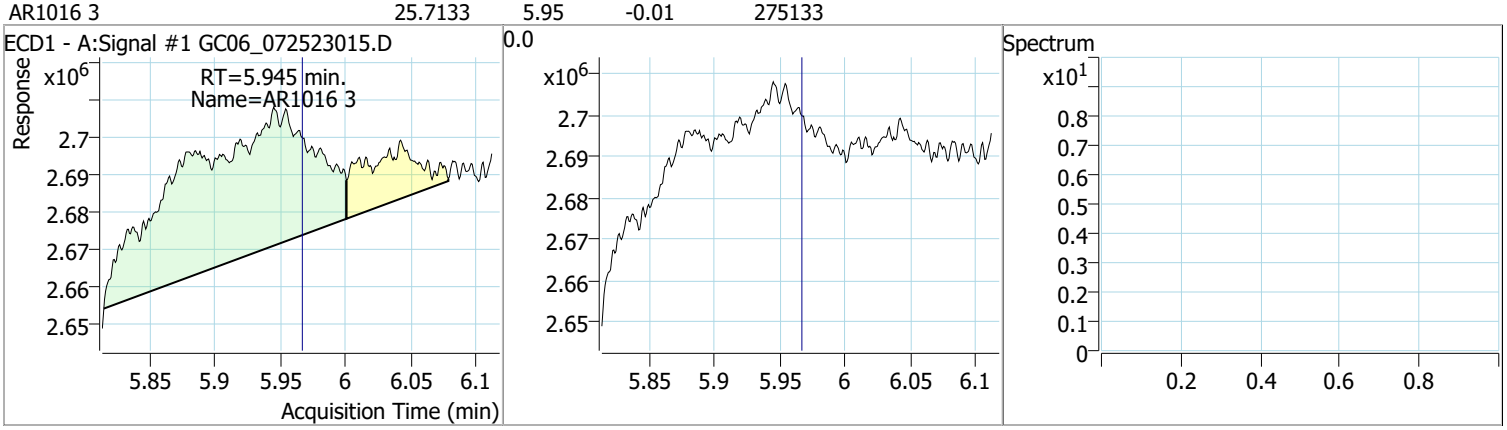
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	22.3555	5.50	0.00	187149				



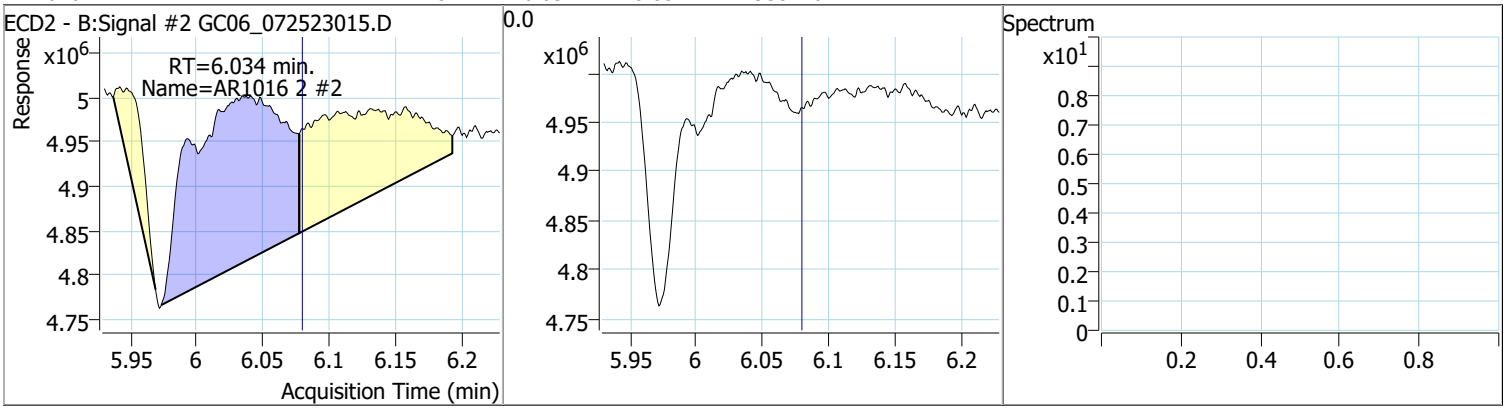
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1 #2	33.4123	5.71	0.04	315872				



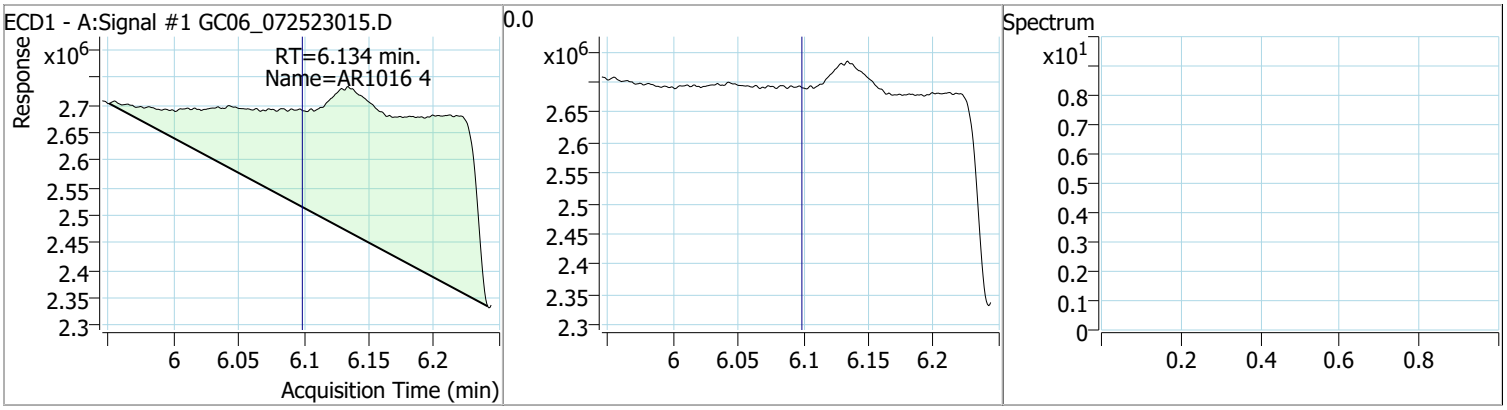
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	25.7133	5.95	-0.01	275133				



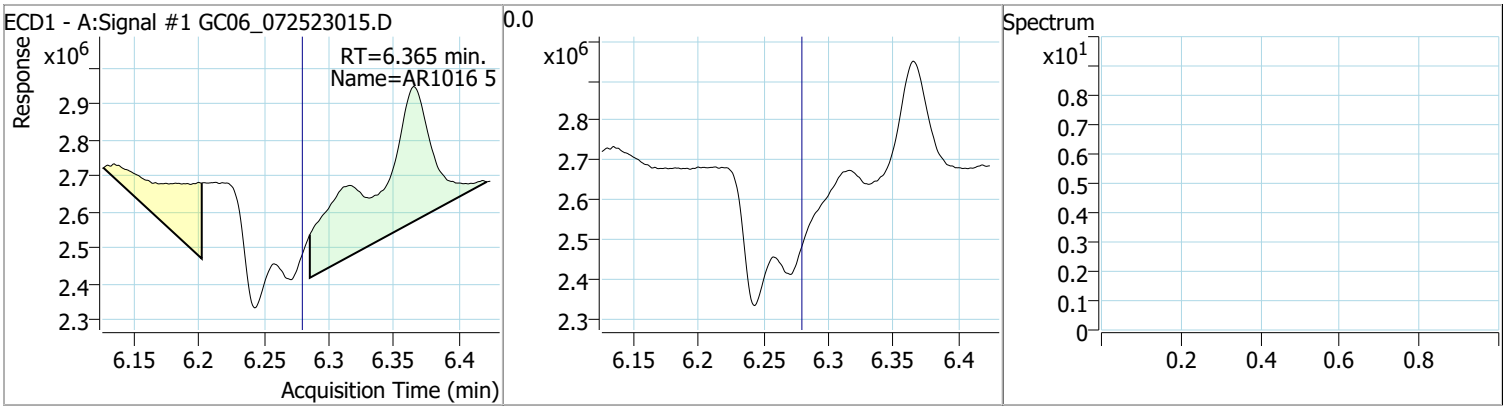
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	44.1824	6.03	-0.05	938276				



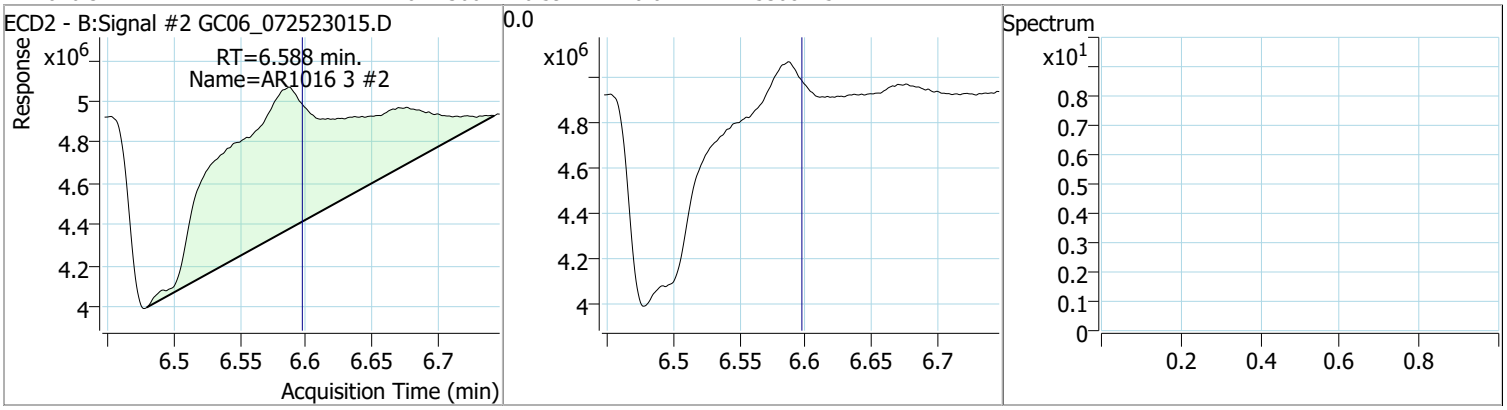
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4	447.4812	6.13	0.05	2885943				



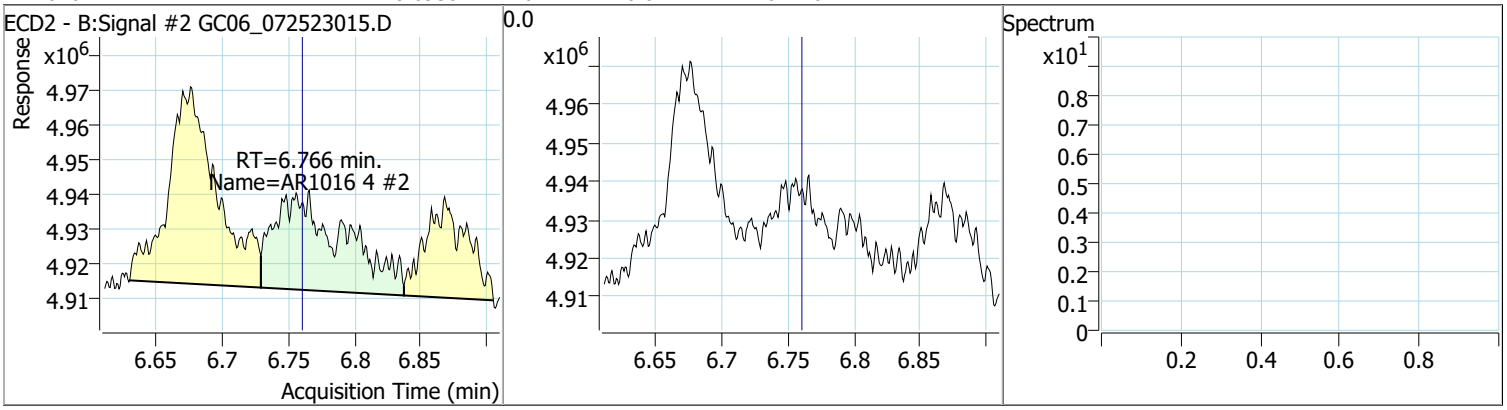
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	256.4556	6.37	0.10	1264955				



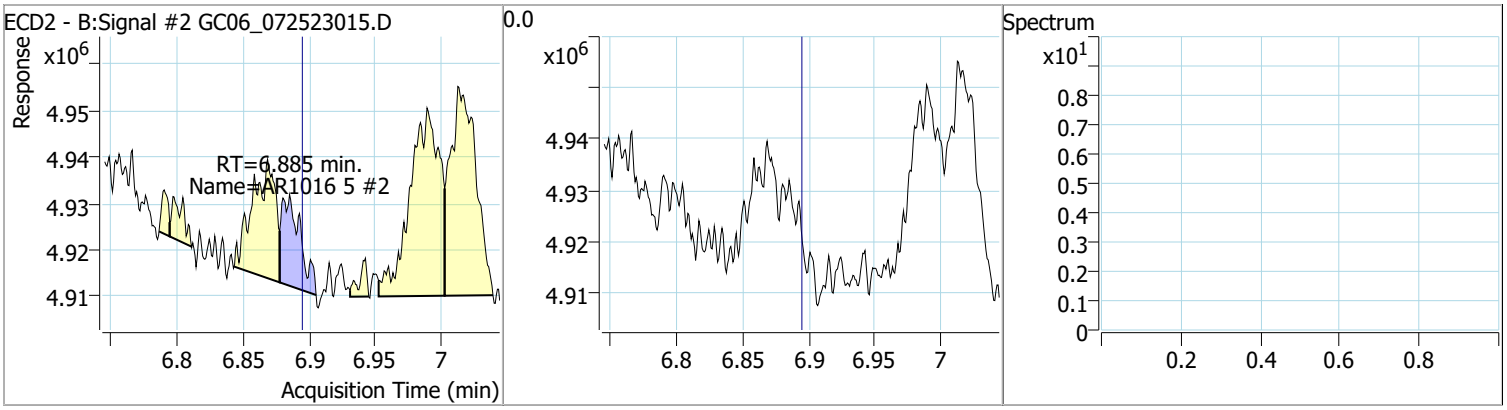
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	207.7366	6.59	-0.01	5308415				



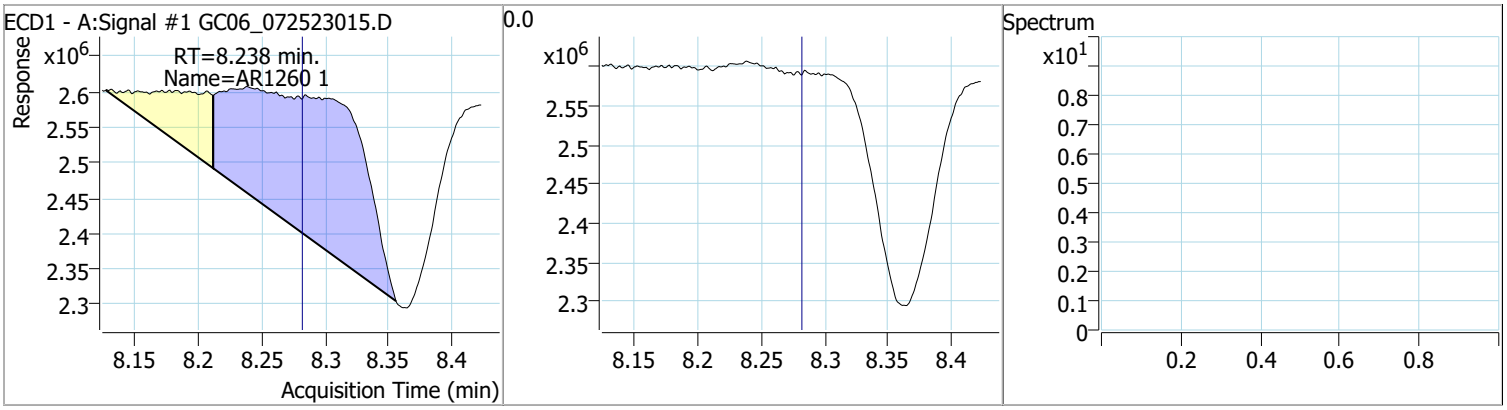
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4 #2	5.6938	6.77	0.01	104720				



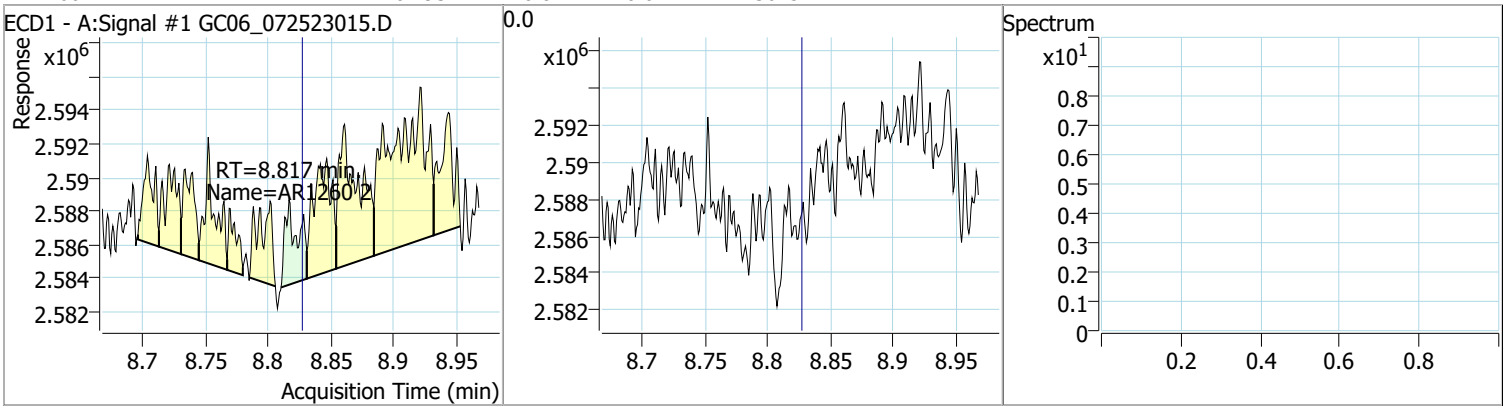
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	1.9617	6.89	-0.01	19246				



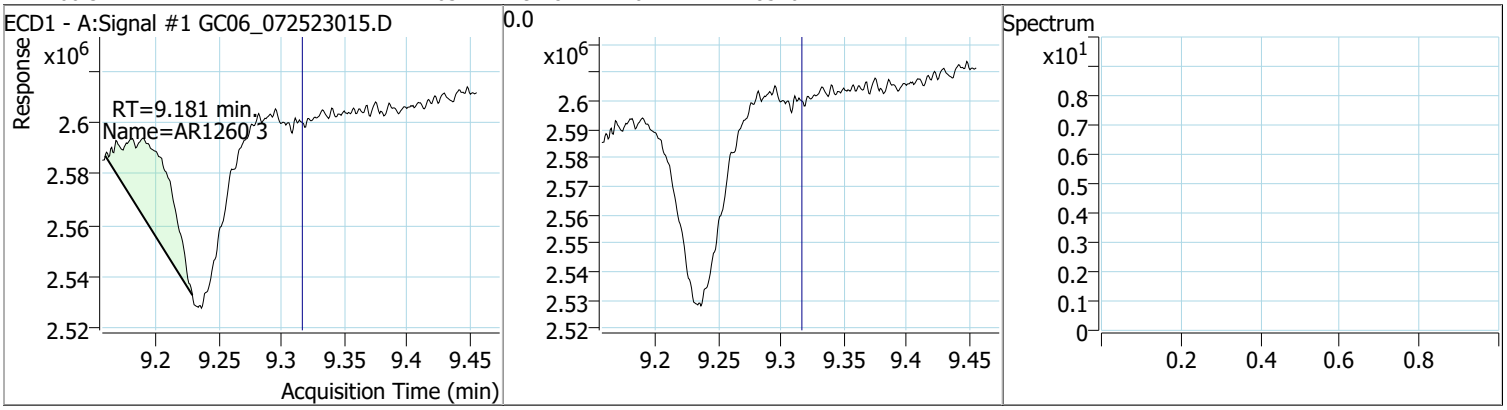
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	113.5387	8.24	-0.03	1388087				



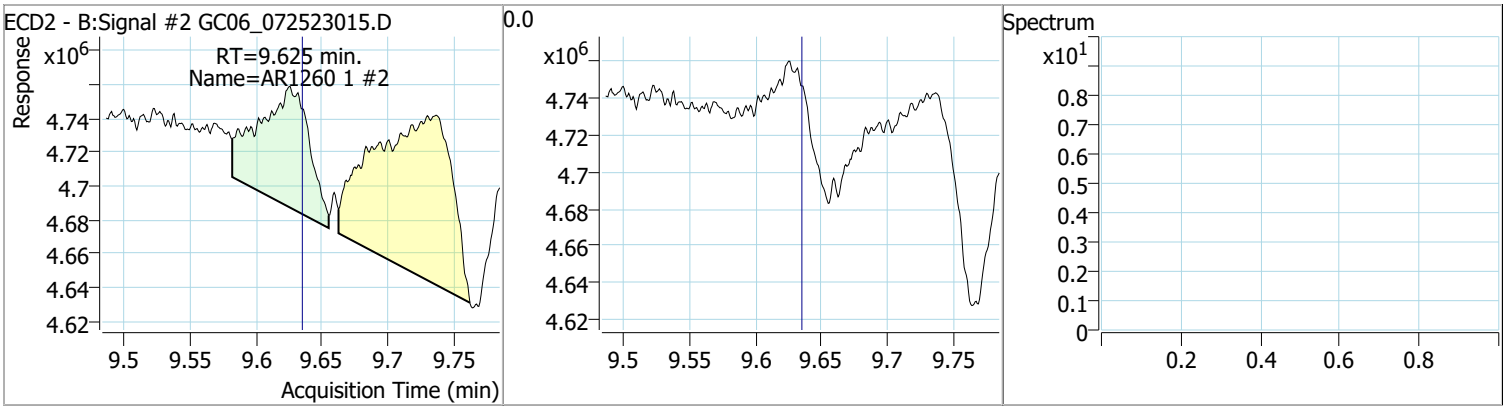
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	0.1937	8.82	0.01	3615				



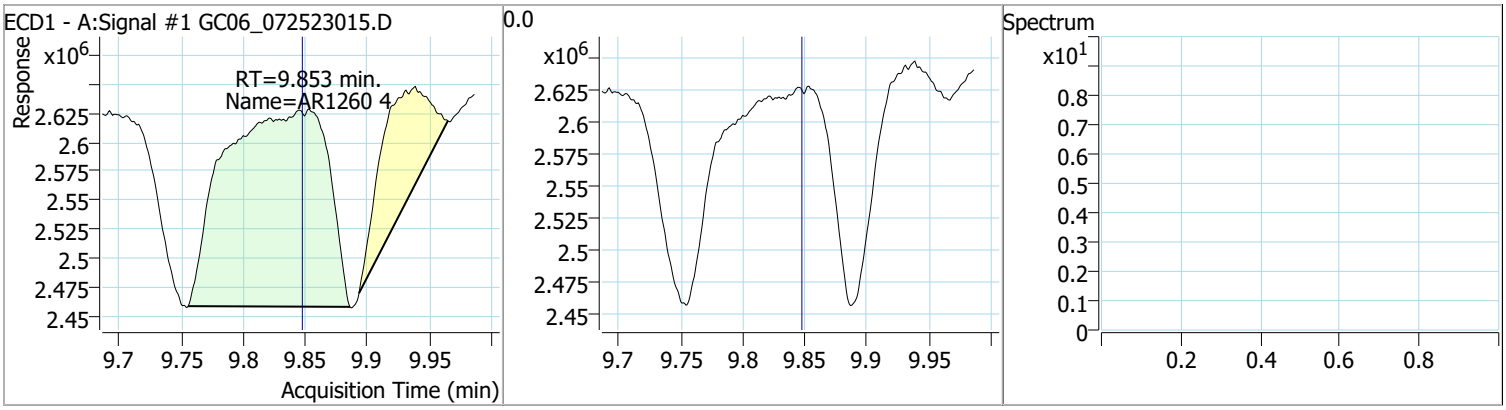
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3	4.2703	9.18	-0.12	85161				



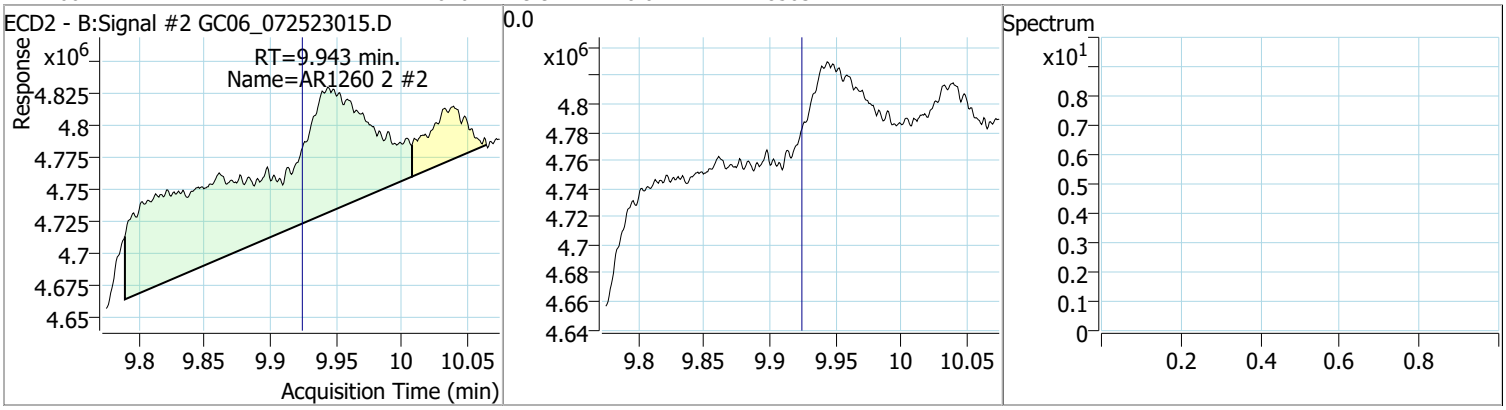
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1 #2	7.4144	9.63	-0.01	189785				



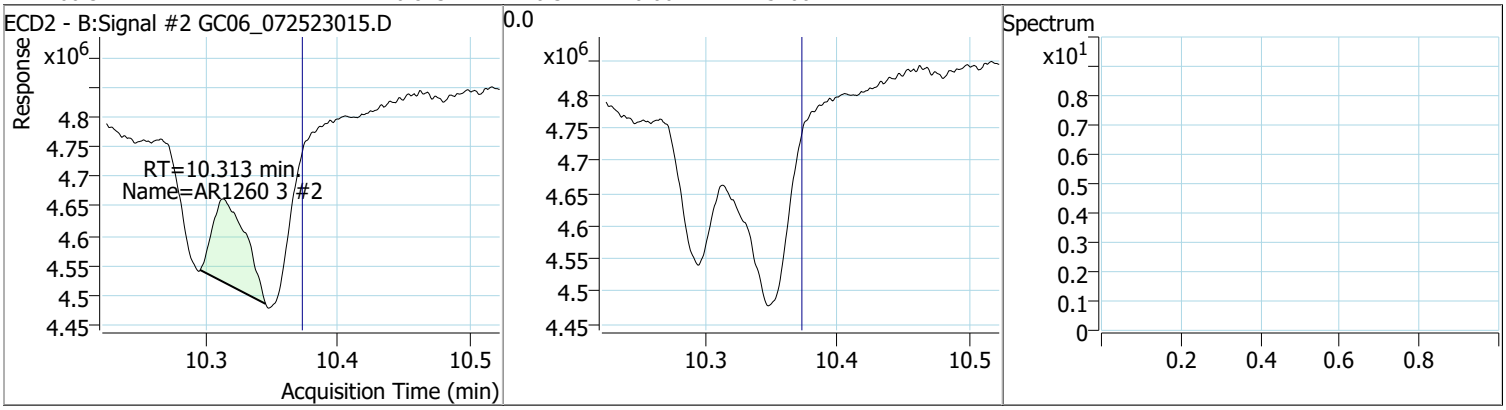
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4	90.4006	9.85	0.02	982213				



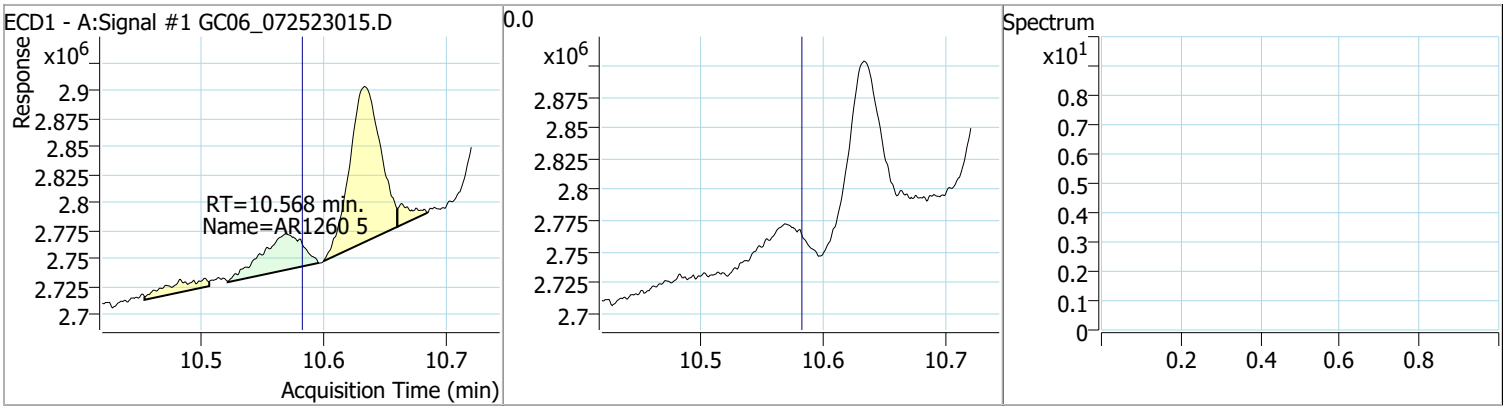
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	27.2016	9.94	0.02	785037				



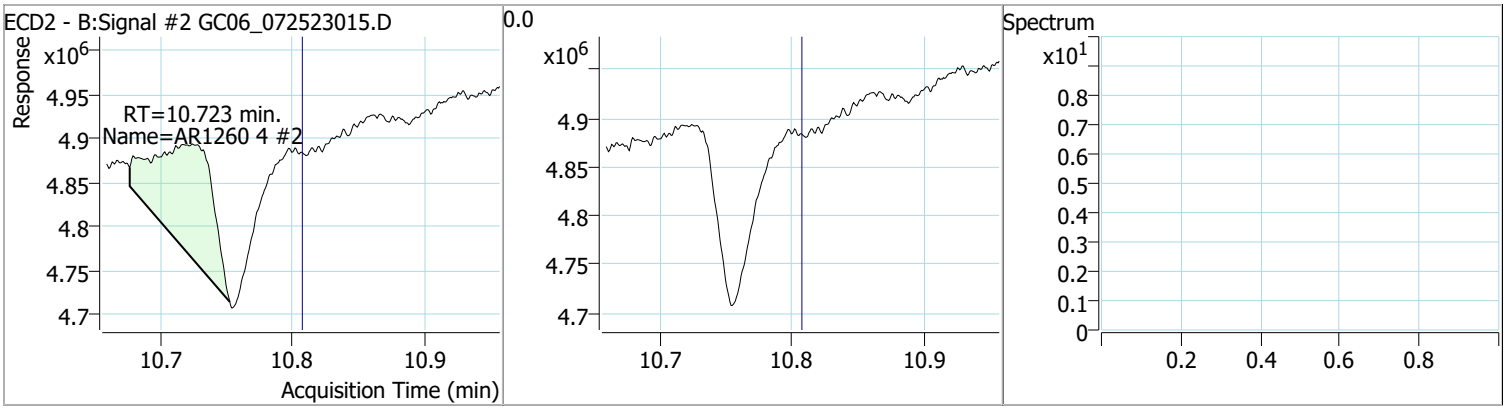
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3 #2	6.8234	10.31	-0.06	252002				



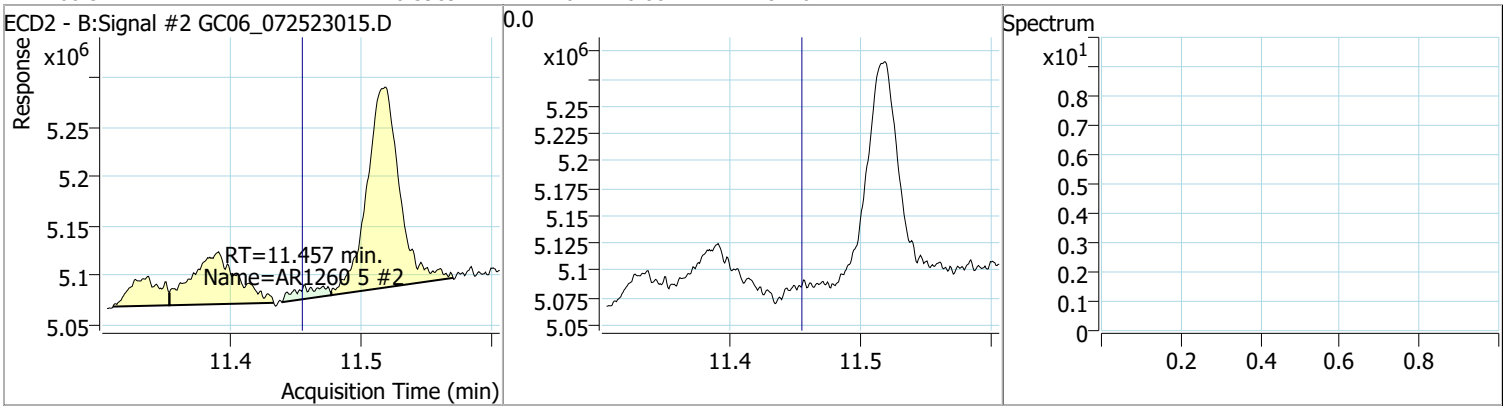
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	4.4053	10.57	0.01	75682				



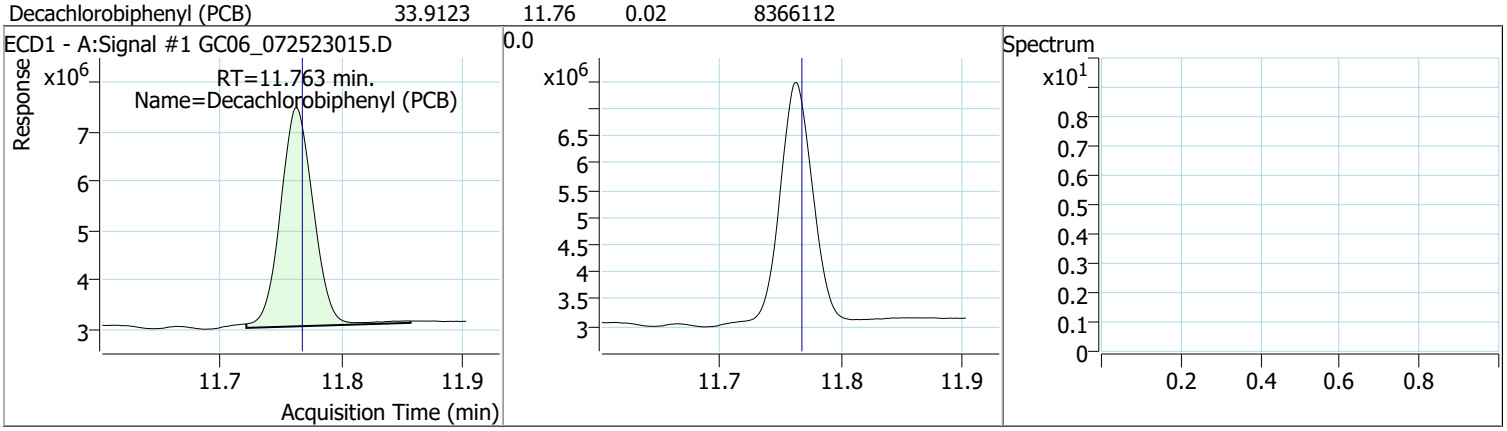
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	17.5461	10.72	-0.08	378500				



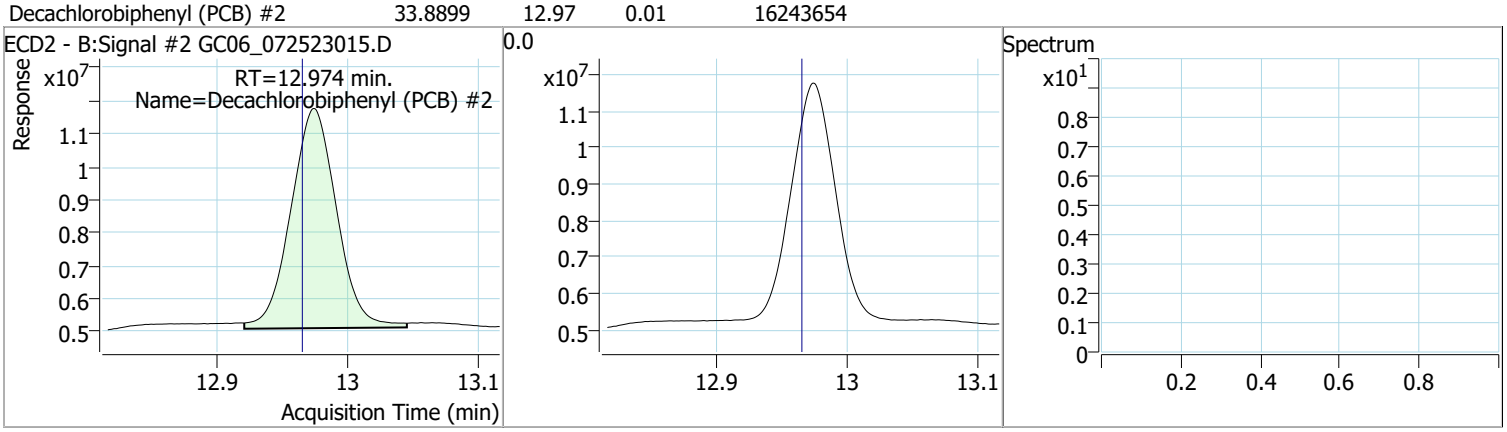
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	0.5989	11.46	0.00	18726				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	33.9123	11.76	0.02	8366112				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	33.8899	12.97	0.01	16243654				



ENTHALPY SPIKE USER REPORT FOR 489010 PCBS Wipe

EPA 8082

Type:	BS	Type:	BSD
Inst:	SVOA-GC06	Inst:	SVOA-GC06
Seqnum:	453297295016.1	Seqnum:	453297295017.1
File:	gc06_072523016	File:	gc06_072523017
IDF:	1.0	IDF:	1.0
Lab ID:	QC1082106	Lab ID:	QC1082107
Matrix:	Wipe	Matrix:	Wipe
Batch:	318888	Batch:	318888
Time:	25-JUL-2023 18:43	Time:	25-JUL-2023 19:02
Cal:	453205686001	Cal:	453205686001
Units:	ug/dm2		

- BS: 1.00 dm2 ⇨ 10.0 ml = 10.0 ml/dm2 PDF
- BSD: 1.00 dm2 ⇨ 10.0 ml = 10.0 ml/dm2 PDF

Analyte	Spiked	BS Raw	BS Result	Ch	%Rec	BSD Raw	BSD Result	Ch	%Rec	Limits	RPD	Lim	Flags
Aroclor-1016	5.000	365.1	3.651	B	73	367.9	3.679	B	74	60-140	1	20	u
Aroclor-1016 Peak # 1		396.6	3.966	B		417.9	4.179	B					
Aroclor-1016 Peak # 2		329.6	3.296	B		353.4	3.534	B					
Aroclor-1016 Peak # 3		366.3	3.663	B		340.0	3.400	B					
Aroclor-1016 Peak # 4		333.4	3.334	B		334.8	3.348	B					
Aroclor-1016 Peak # 5		399.5	3.995	B		393.4	3.934	B					
Aroclor-1260	5.000	388.5	3.885	B	78	372.3	3.723	B	74	60-140	4	20	u
Aroclor-1260 Peak # 1		369.6	3.696	B		371.2	3.712	B					
Aroclor-1260 Peak # 2		416.9	4.169	B		403.1	4.031	B					
Aroclor-1260 Peak # 3		351.8	3.518	B		347.4	3.474	B					
Aroclor-1260 Peak # 4		422.6	4.226	B		358.4	3.584	B					
Aroclor-1260 Peak # 5		381.5	3.815	B		381.1	3.811	B					
Surrogates													
TCMX (PCB)	0.5000	33.64	0.3364	B	67	33.19	0.3319	B	66	19-121			c- u
Decachlorobiphenyl (PCB)	0.5000	33.91	0.3391	B	68	32.33	0.3233	B	65	19-121			u

ISTD (CCV gc06_072523006)	Ch	CCV Abund	BS Abund	%Drift
1-bromo-2-nitrobenzene (PCB)	B	8843280	9007378	1.86
1-bromo-2-nitrobenzene (PCB)	A	3794782	3682034	-2.97

ISTD (CCV gc06_072523006)	Ch	CCV RT	BS RT	Drift
1-bromo-2-nitrobenzene (PCB)	B	4.29	4.29	0.00
1-bromo-2-nitrobenzene (PCB)	A	4.09	4.08	-0.01

ISTD (CCV gc06_072523006)	Ch	CCV Abund	BSD Abund	%Drift
1-bromo-2-nitrobenzene (PCB)	B	8843280	8339964	-5.69
1-bromo-2-nitrobenzene (PCB)	A	3794782	3472546	-8.49

ISTD (CCV gc06_072523006)	Ch	CCV RT	BSD RT	Drift
1-bromo-2-nitrobenzene (PCB)	B	4.29	4.30	0.01
1-bromo-2-nitrobenzene (PCB)	A	4.09	4.08	-0.01

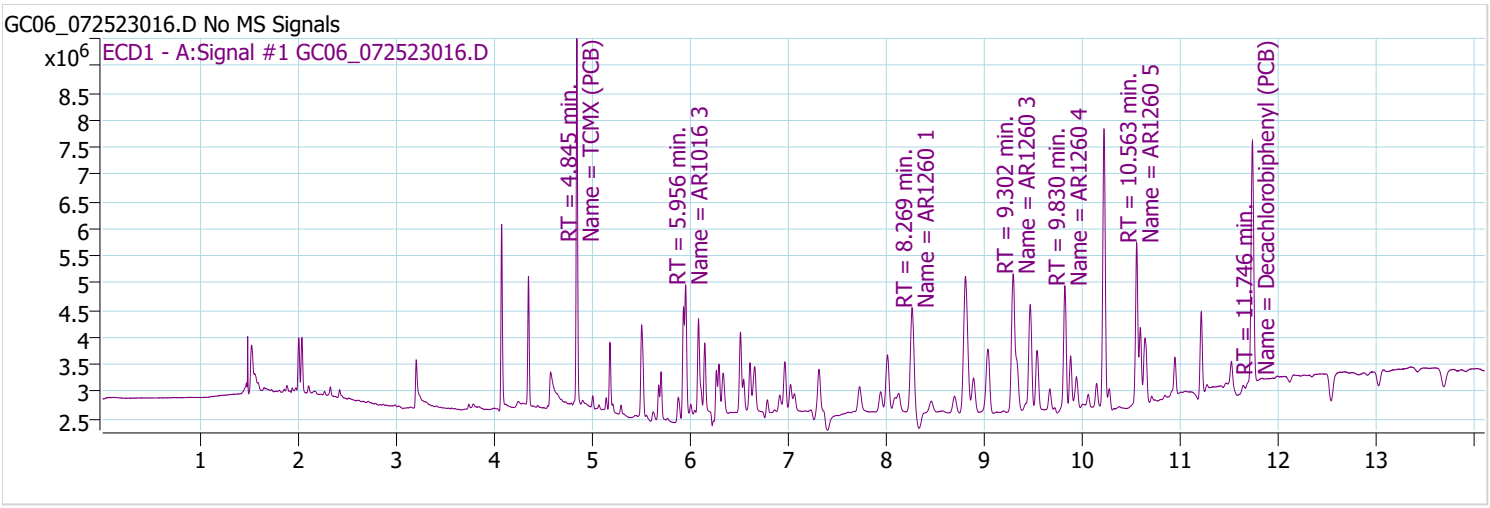
07/26/23 : WIPE/1DM^2.10ML [general version]

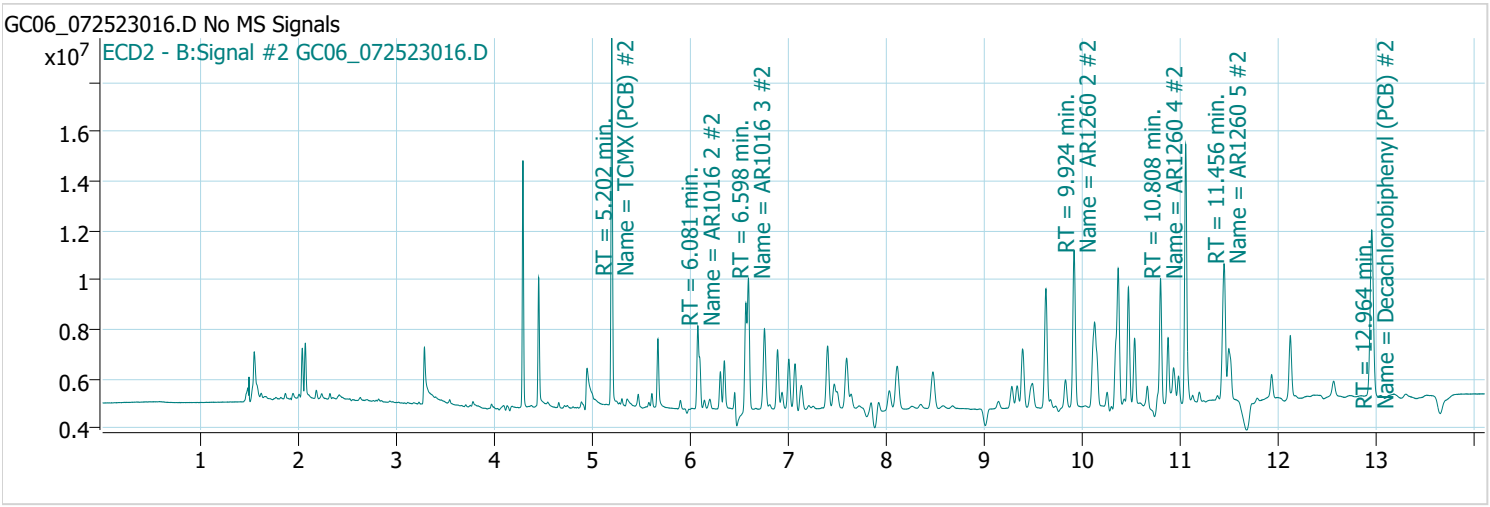
-=low bias c=CCV u=use

Analyst: MES 07/26/23 **Reviewer:** MTS 07/27/23

Quantitation Results Report (Not Reviewed)

Data File	GC06_072523016.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	7/25/2023 6:43:57 PM
Sample Name	QC1082106, 318888, 1	Instrument	SVOA-GC06
Vial	2	Multiplier	1.00
DA Method File	PCB_608_052323_GC06_36.m	Comment	WIPE/1DM^2.10ML
Tune File	ATUNE.U	Tune Date	
Batch Name	072523PCB.batch.bin	Last Calib Update	5/23/2023 1:46:10 PM
Ref Library			



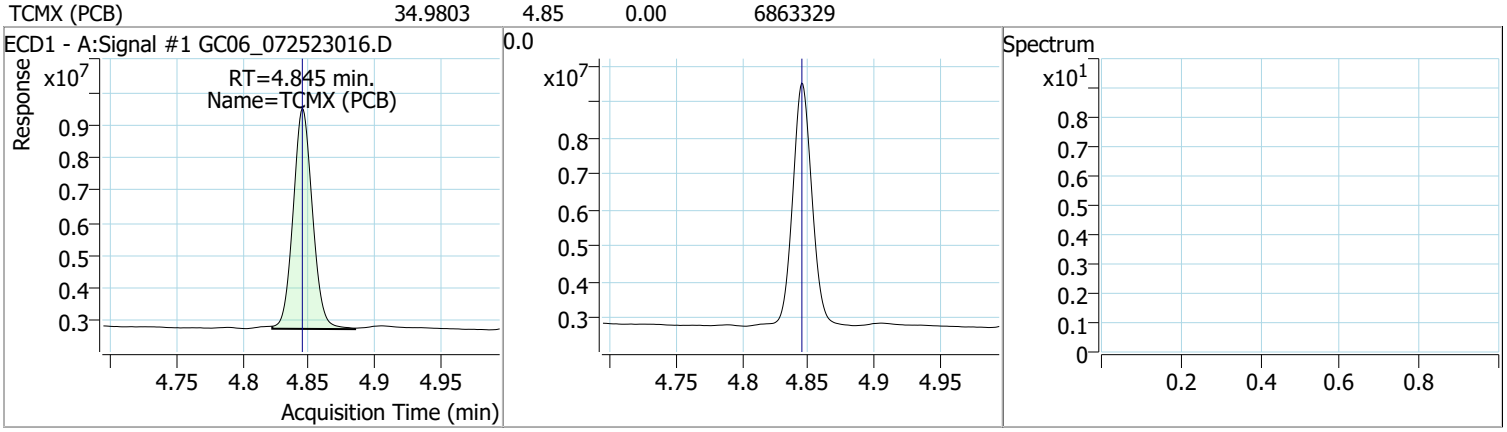


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1-bromo-2-nitrobenzene (PCB)	4.077	0.0	3682033.996	20.0000	ng/ml		0.000
M 1-bromo-2-nitrobenzene (PCB) #2	4.294	0.0	9007377.864	20.0000	ng/ml		-0.001
System Monitoring Compounds							
S TCMX (PCB)	4.845	0.0	6863329.438	34.9803	ng/ml		0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 174.90%		*	
S TCMX (PCB) #2	5.202	0.0	16071077.166	33.6356	ng/ml		-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 168.18%		*	
S Decachlorobiphenyl (PCB)	11.746	0.0	8947106.578	36.4150	ng/ml		0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 182.07%		*	
S Decachlorobiphenyl (PCB) #2	12.964	0.0	16132470.219	33.9153	ng/ml		-0.002
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 169.58%		*	
Target Compounds							QValue

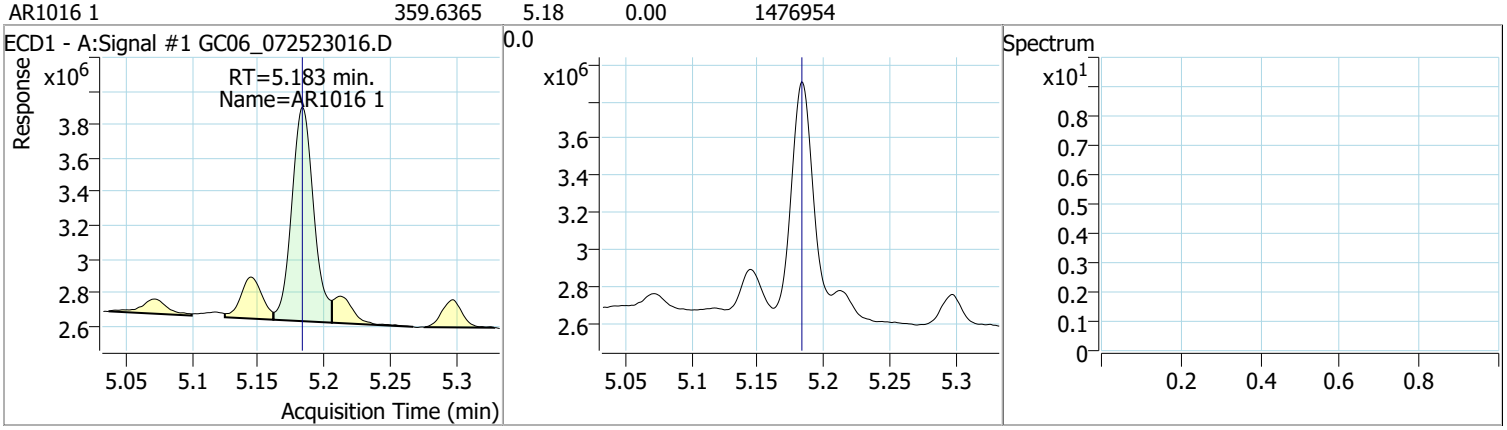
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T AR1016 1	5.183	0.0	1476953.893	359.6365	ng/ml	100
T AR1016 2	5.508	0.0	3060503.213	367.0733	ng/ml	100
T AR1016 1 #2	5.673	0.0	3721167.945	396.6280	ng/ml	100
T AR1016 3	5.956	0.0	3455635.948	324.2690	ng/ml	100
T AR1016 2 #2	6.081	0.0	6946482.740	329.6040	ng/ml	100
T AR1016 4	6.088	0.0	3227267.887	502.4410	ng/ml	100
T AR1016 5	6.271	0.0	1191866.210	242.6205	ng/ml	100
T AR1016 3 #2	6.598	0.0	9289580.129	366.3132	ng/ml	100
T AR1016 4 #2	6.762	0.0	6085109.821	333.3860	ng/ml	100
T AR1016 5 #2	6.895	0.0	3889879.975	399.5302	ng/ml	100
T AR1260 1	8.269	0.0	5733957.303	470.9175	ng/ml	100
T AR1260 2	8.814	0.0	7312286.842	393.3853	ng/ml	100
T AR1260 3	9.302	0.0	7044567.443	354.6767	ng/ml	100
T AR1260 1 #2	9.637	0.0	9388944.603	369.6067	ng/ml	100
T AR1260 4	9.830	0.0	4386683.075	405.3823	ng/ml	100
T AR1260 2 #2	9.924	0.0	11940410.860	416.8999	ng/ml	100
T AR1260 3 #2	10.374	0.0	12892717.160	351.7626	ng/ml	100
T AR1260 5	10.563	0.0	4949933.914	289.2985	ng/ml	100
T AR1260 4 #2	10.808	0.0	9046959.817	422.5949	ng/ml	100
T AR1260 5 #2	11.456	0.0	11838793.571	381.5270	ng/ml	100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

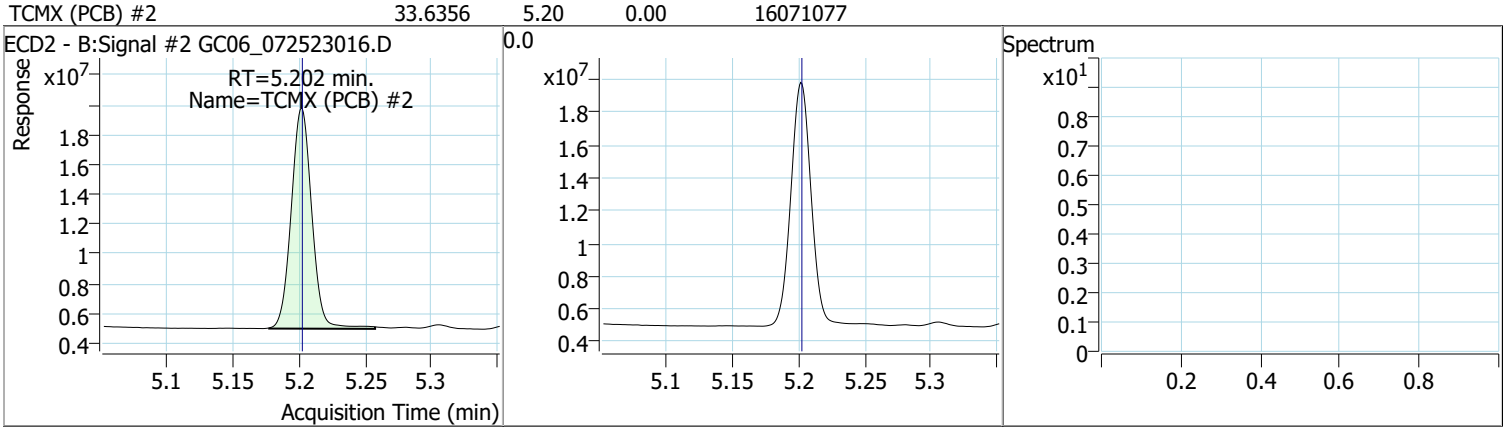
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	34.9803	4.85	0.00	6863329				



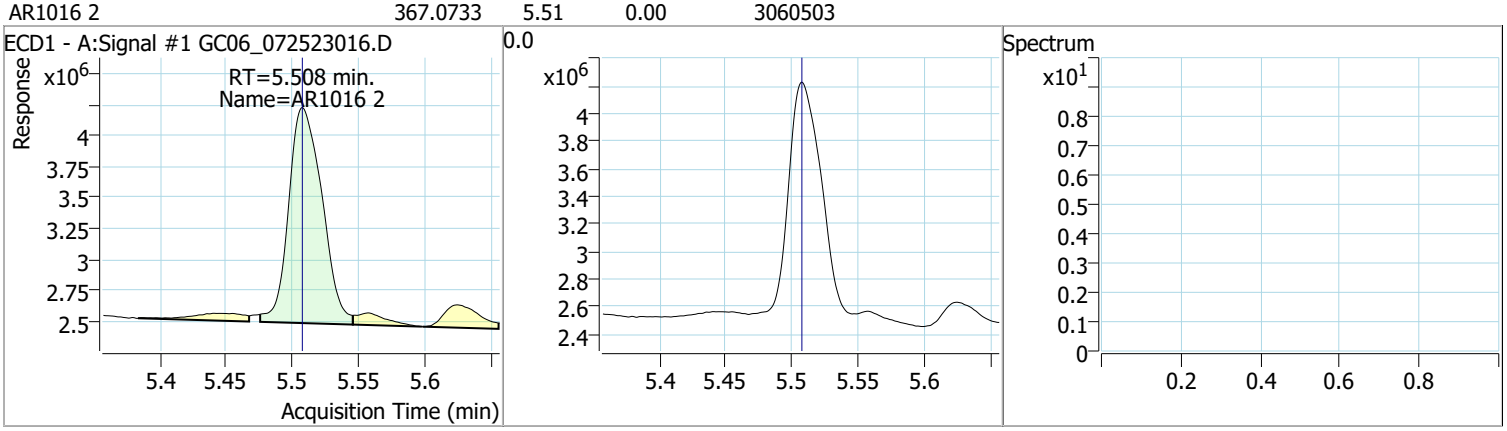
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	359.6365	5.18	0.00	1476954				



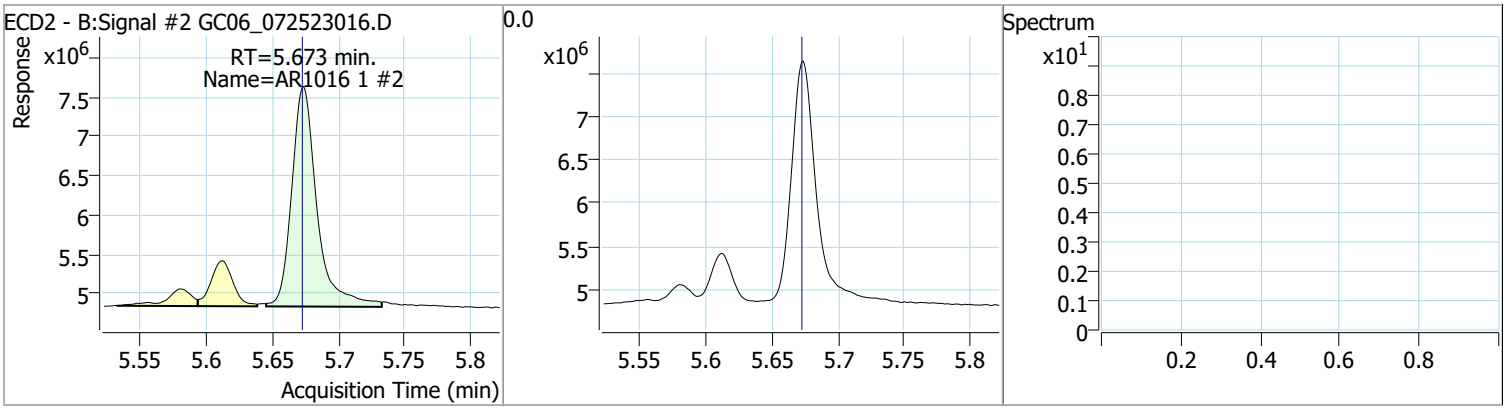
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB) #2	33.6356	5.20	0.00	16071077				



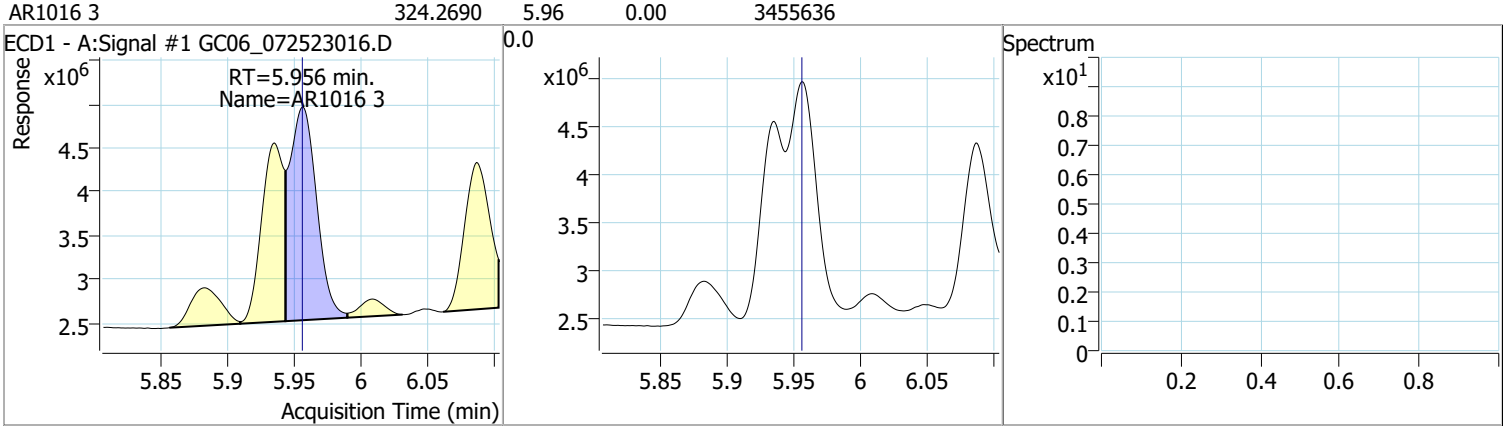
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	367.0733	5.51	0.00	3060503				



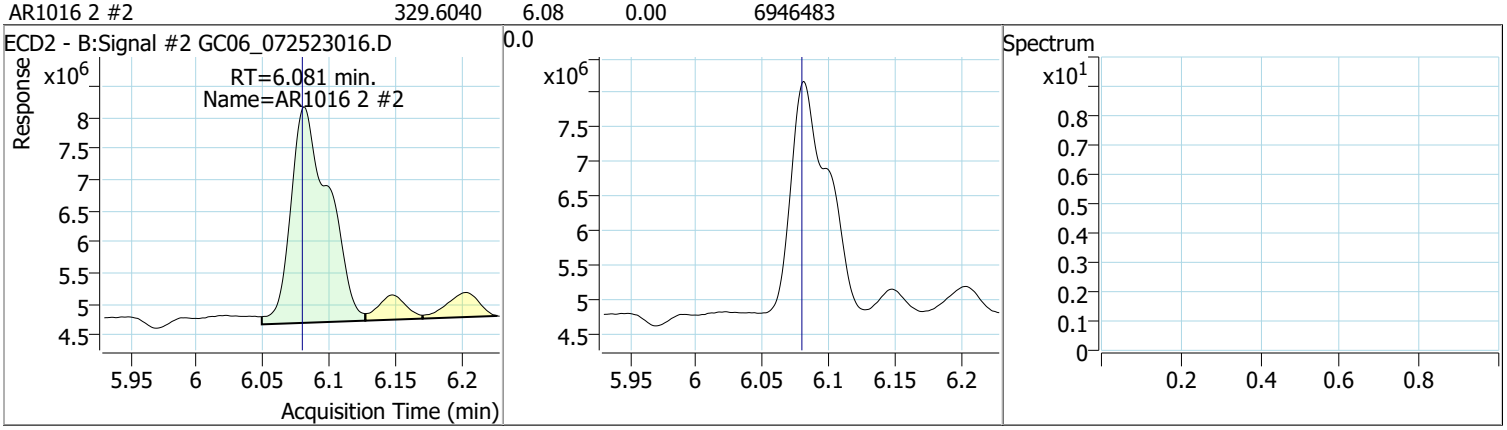
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1 #2	396.6280	5.67	0.00	3721168				



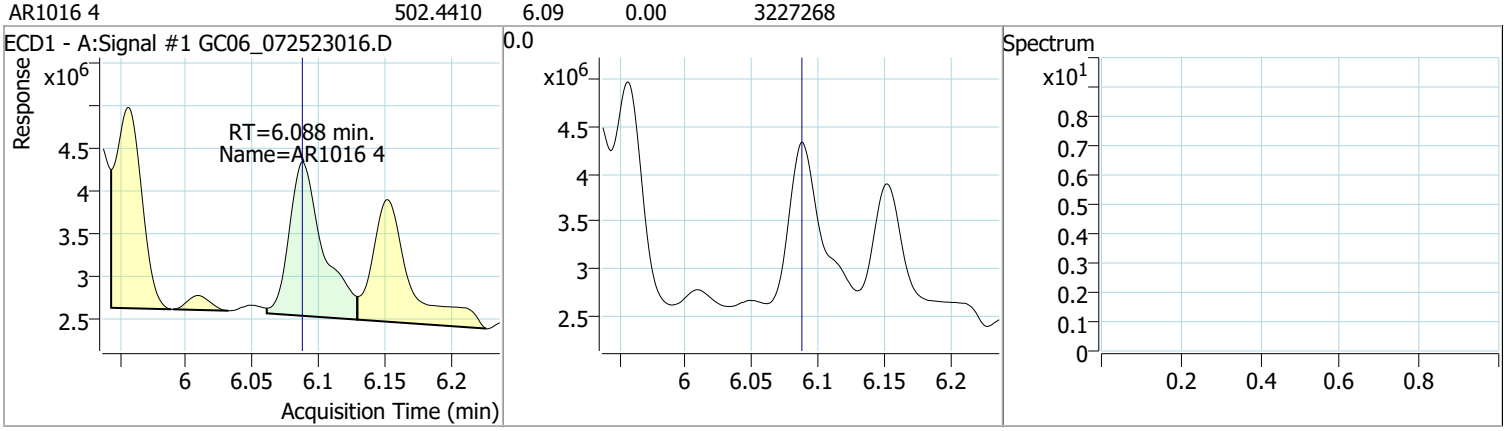
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	324.2690	5.96	0.00	3455636				



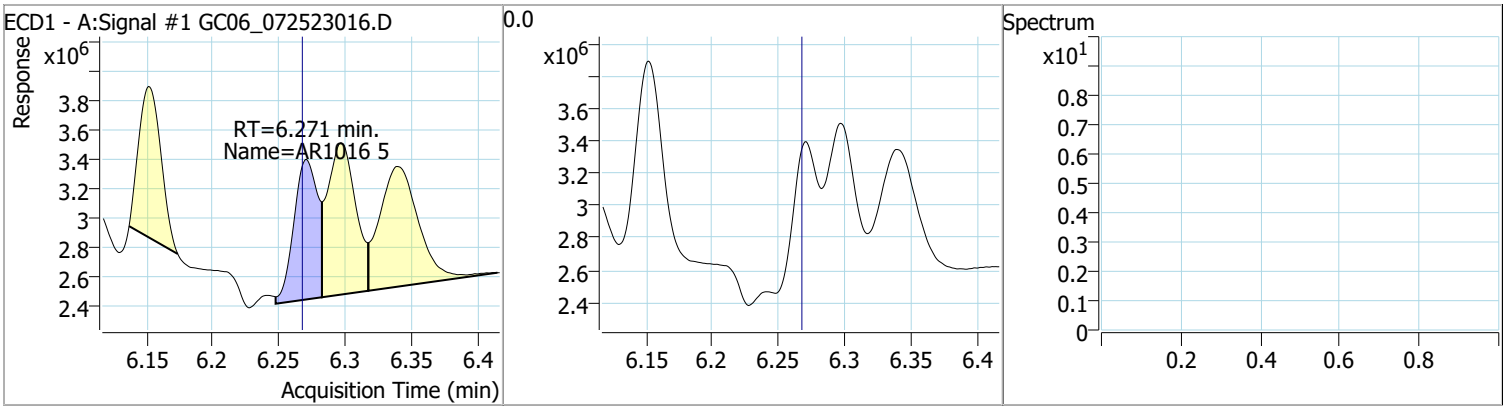
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	329.6040	6.08	0.00	6946483				



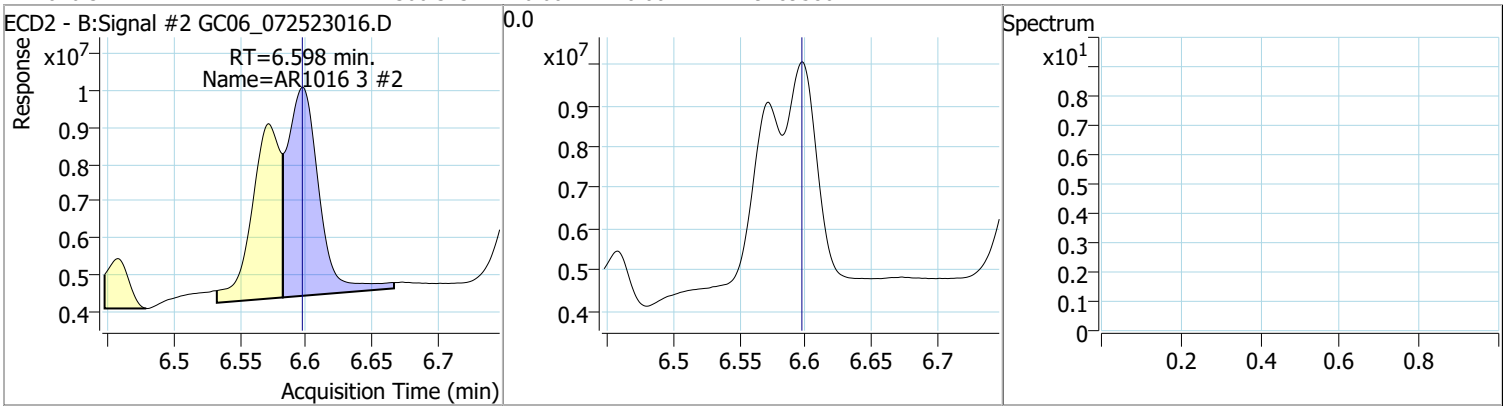
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4	502.4410	6.09	0.00	3227268				



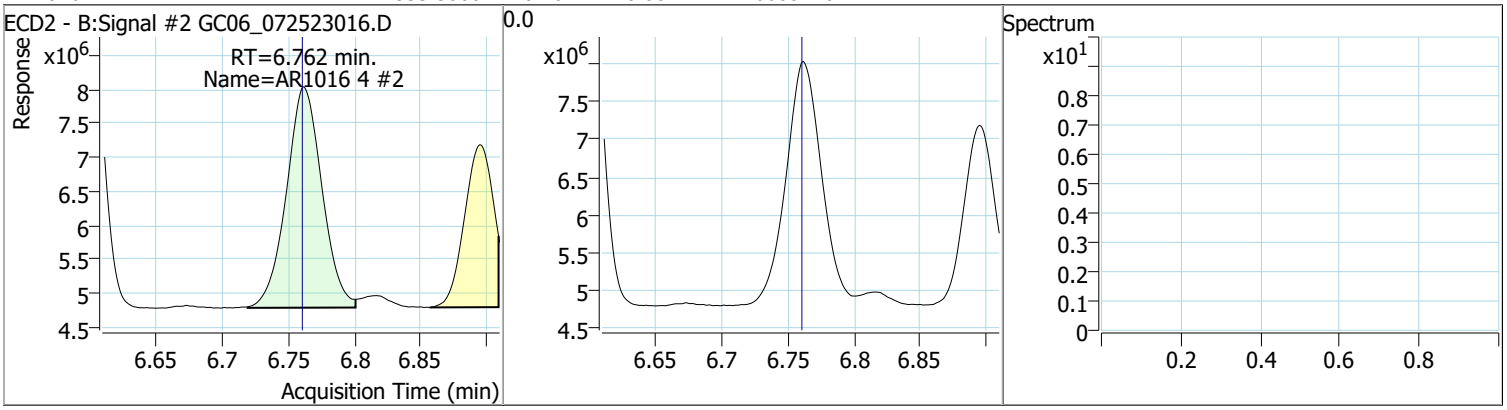
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	242.6205	6.27	0.00	1191866				



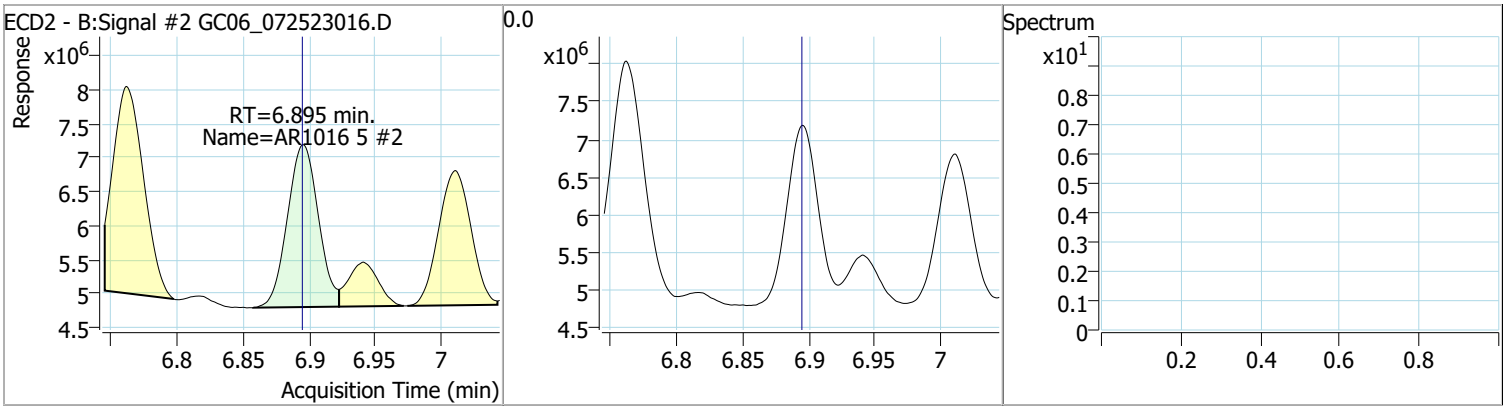
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	366.3132	6.60	0.00	9289580				



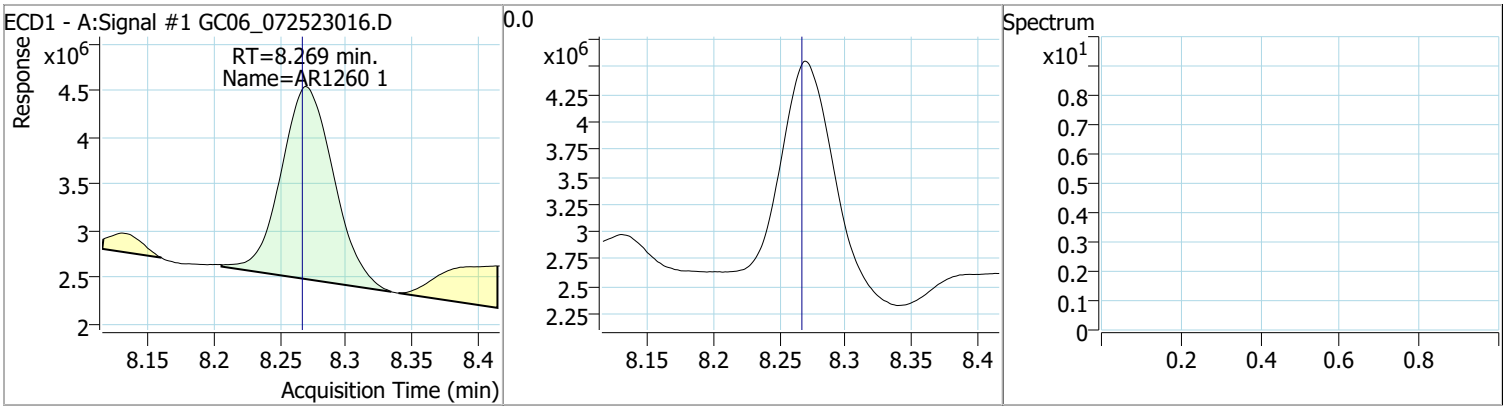
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4 #2	333.3860	6.76	0.00	6085110				



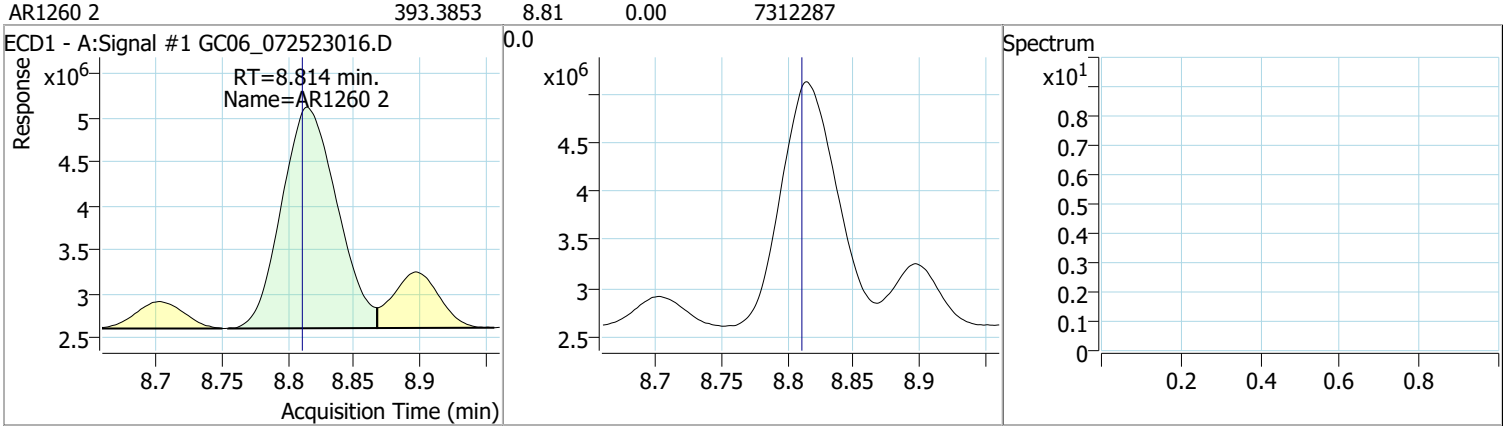
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	399.5302	6.90	0.00	3889880				



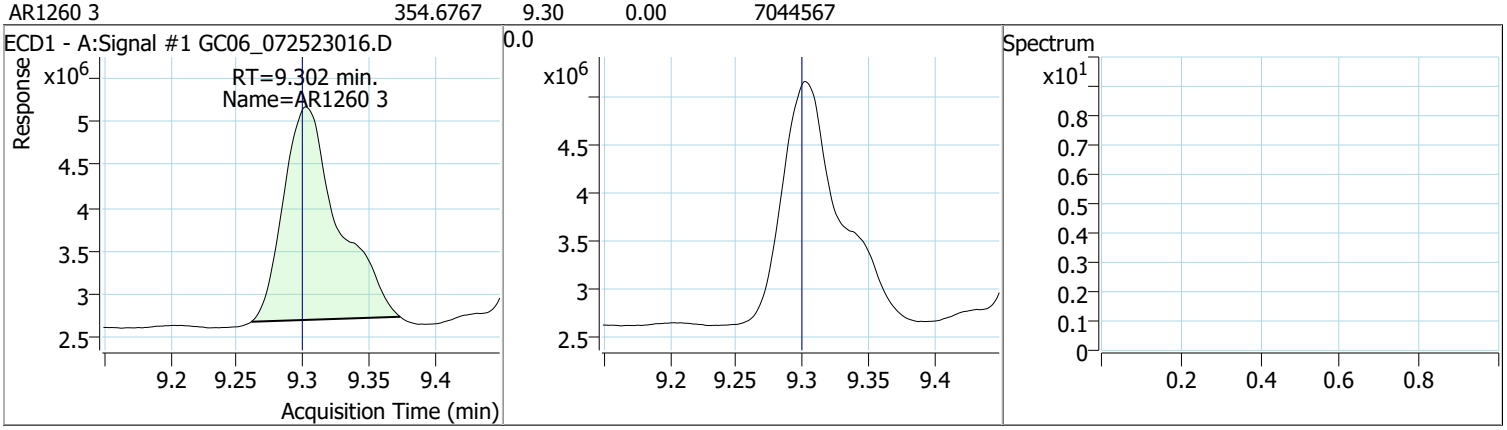
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	470.9175	8.27	0.00	5733957				



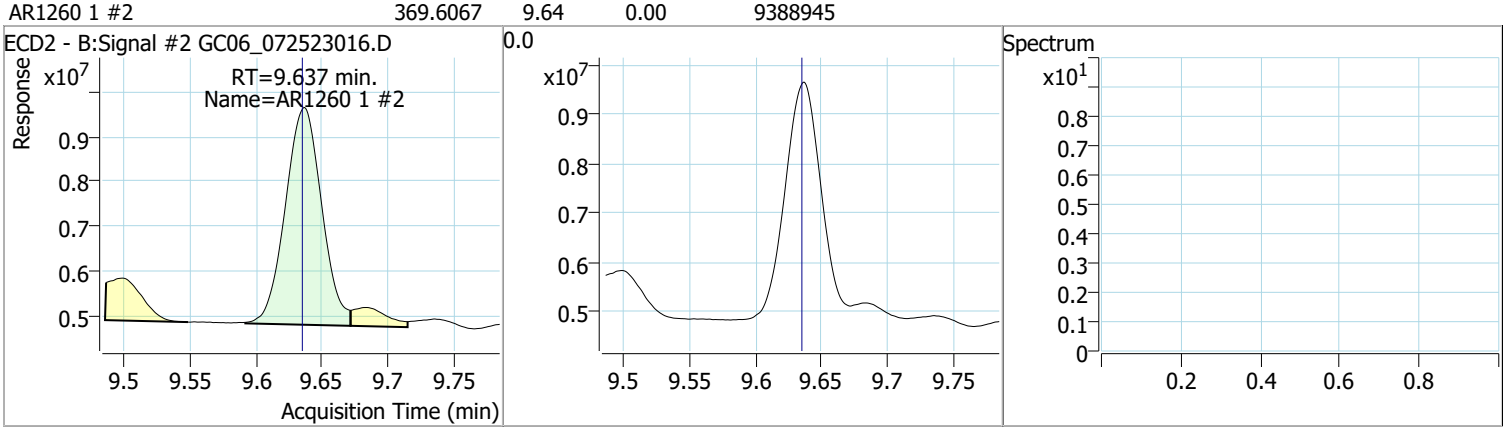
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	393.3853	8.81	0.00	7312287				



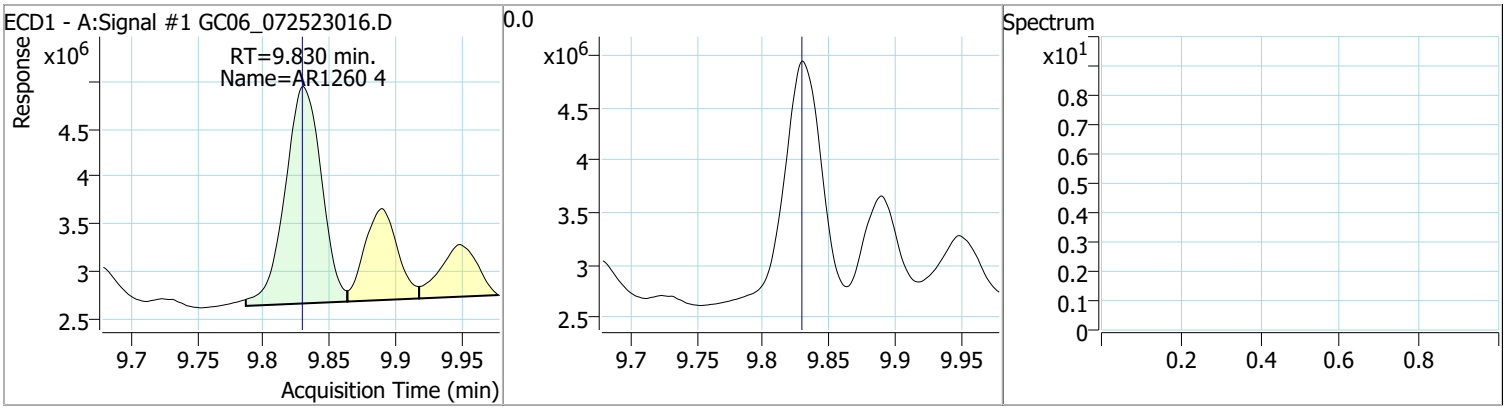
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3	354.6767	9.30	0.00	7044567				



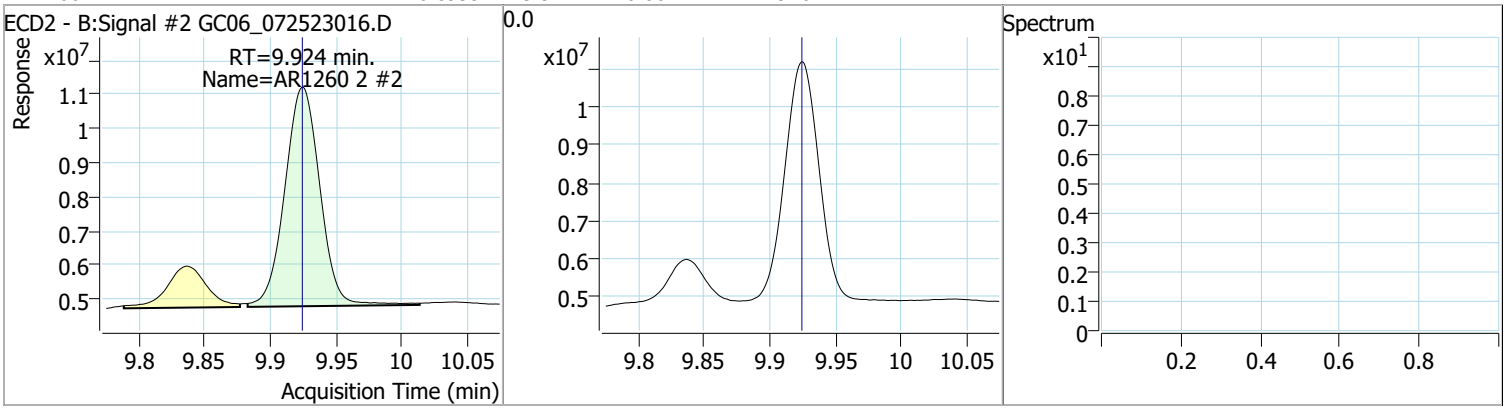
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1 #2	369.6067	9.64	0.00	9388945				



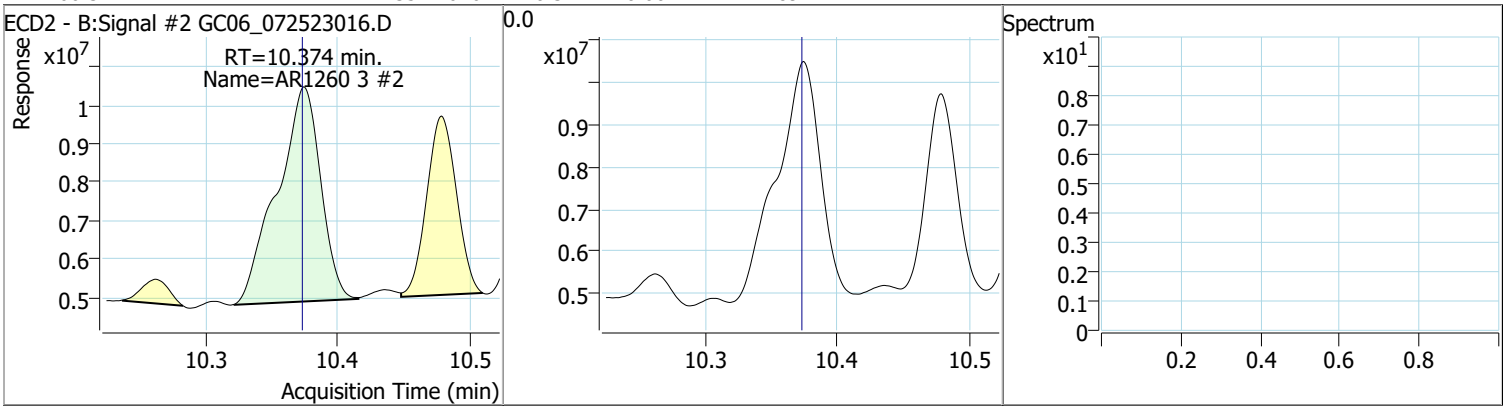
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4	405.3823	9.83	0.00	4386683				



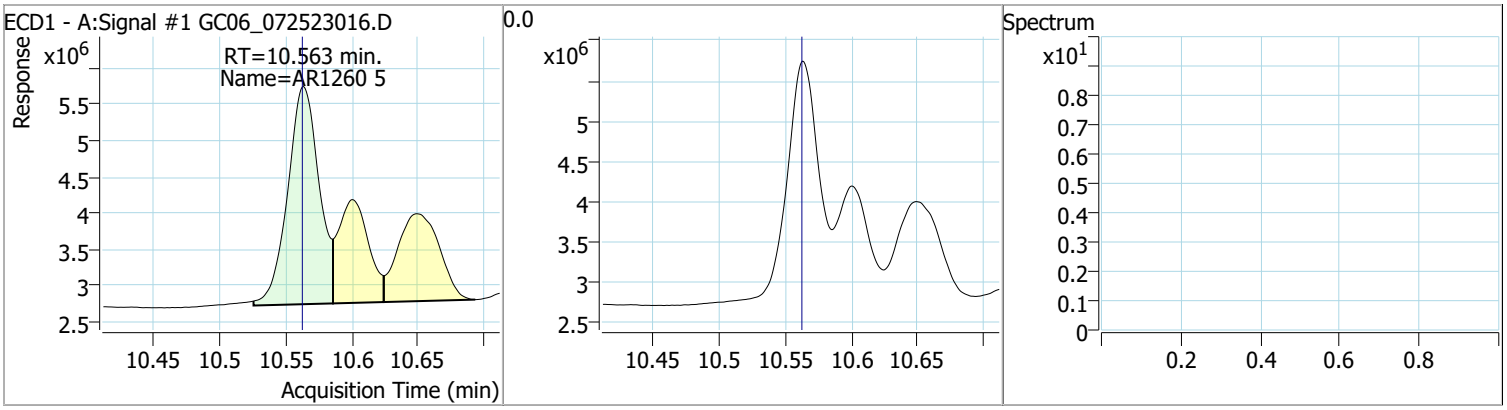
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	416.8999	9.92	0.00	11940411				



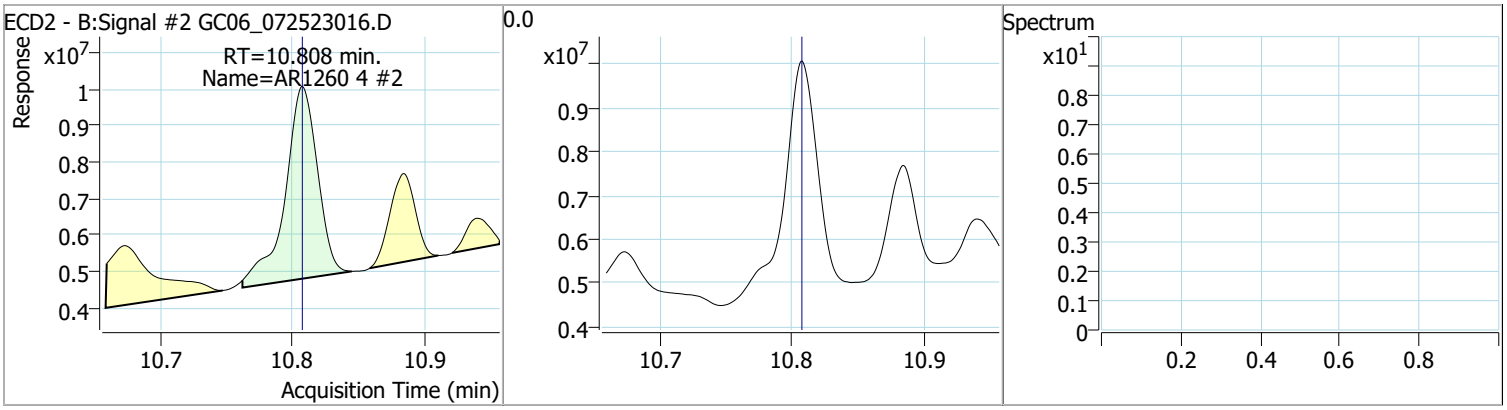
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3 #2	351.7626	10.37	0.00	12892717				



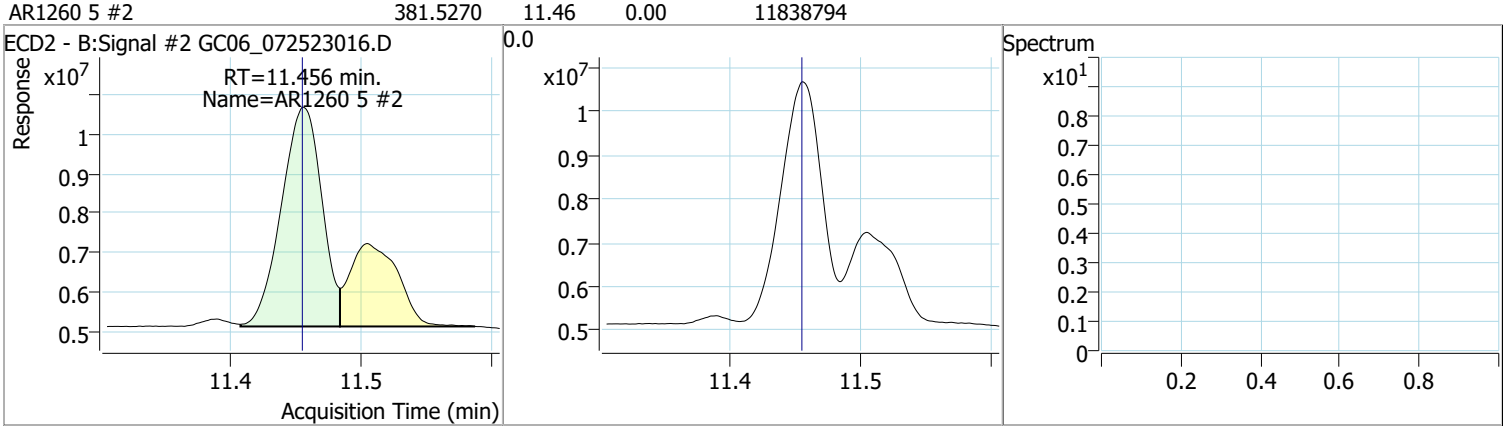
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	289.2985	10.56	0.00	4949934				



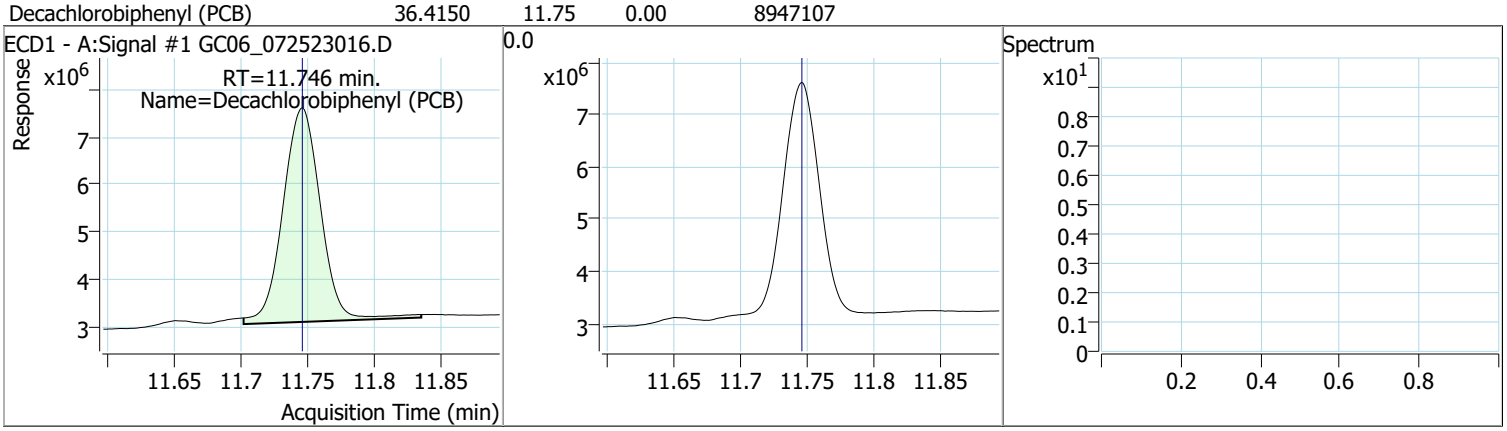
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	422.5949	10.81	0.00	9046960				



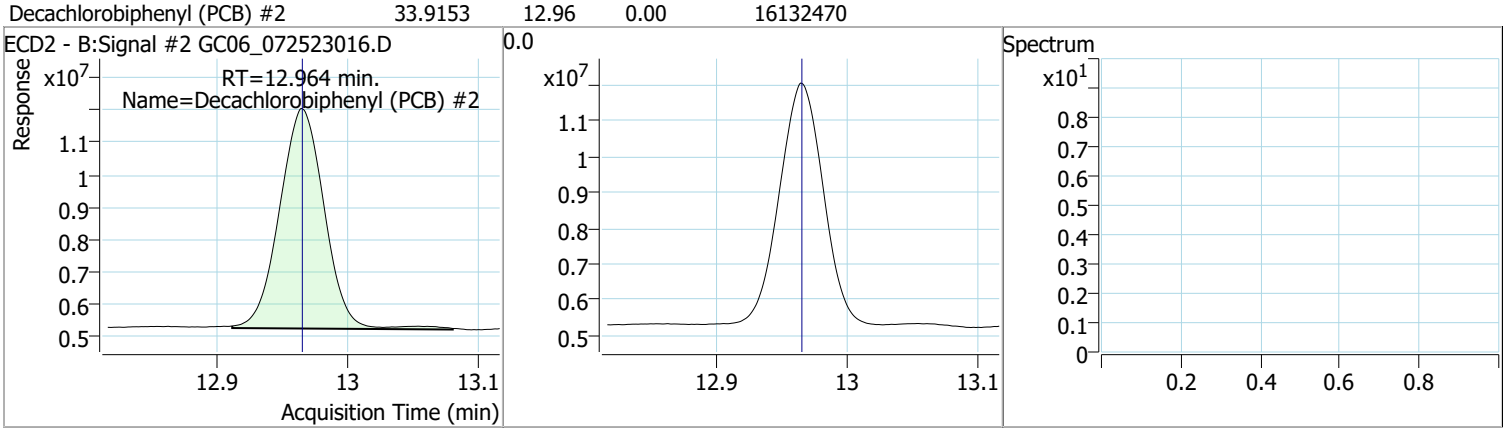
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	381.5270	11.46	0.00	11838794				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	36.4150	11.75	0.00	8947107				

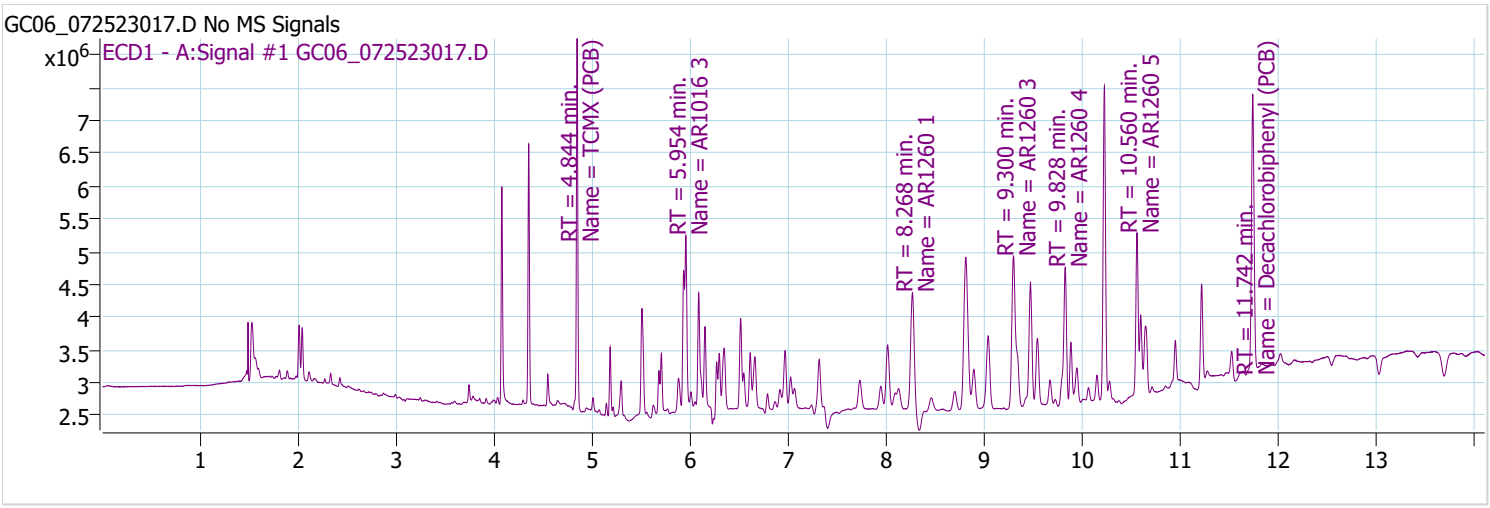


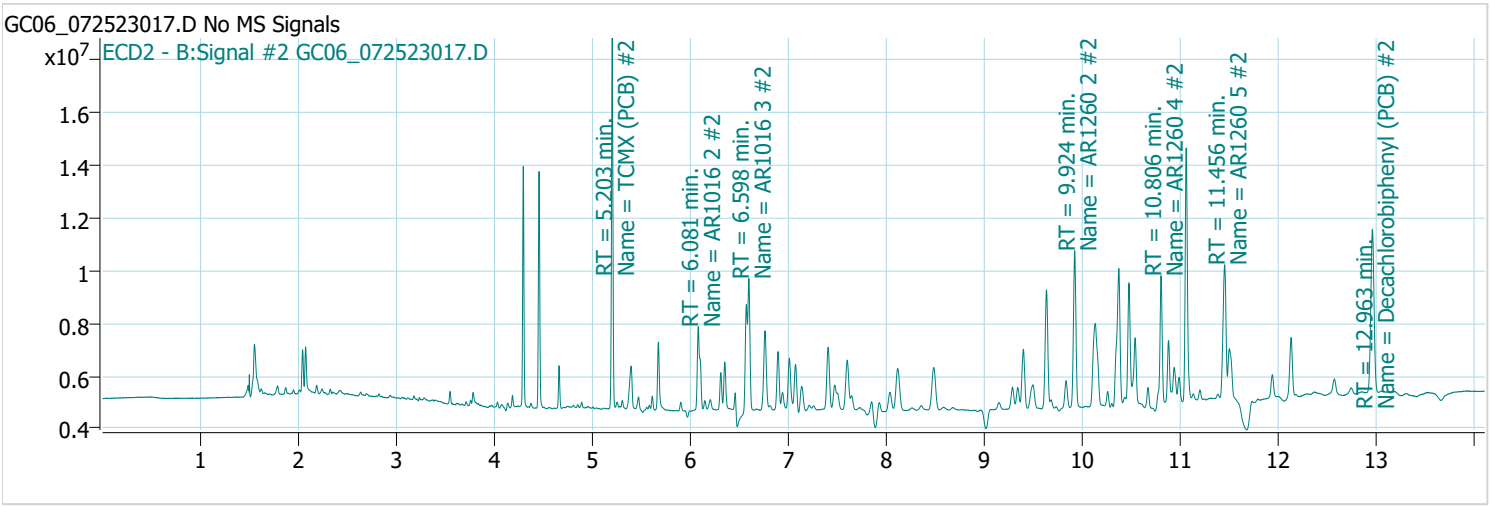
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	33.9153	12.96	0.00	16132470				



Quantitation Results Report (Not Reviewed)

Data File	GC06_072523017.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	7/25/2023 7:02:04 PM
Sample Name	QC1082107, 318888, 1	Instrument	SVOA-GC06
Vial	3	Multiplier	1.00
DA Method File	PCB_608_052323_GC06_36.m	Comment	WIPE/1DM^2.10ML
Tune File	ATUNE.U	Tune Date	
Batch Name	072523PCB.batch.bin	Last Calib Update	5/23/2023 1:46:10 PM
Ref Library			



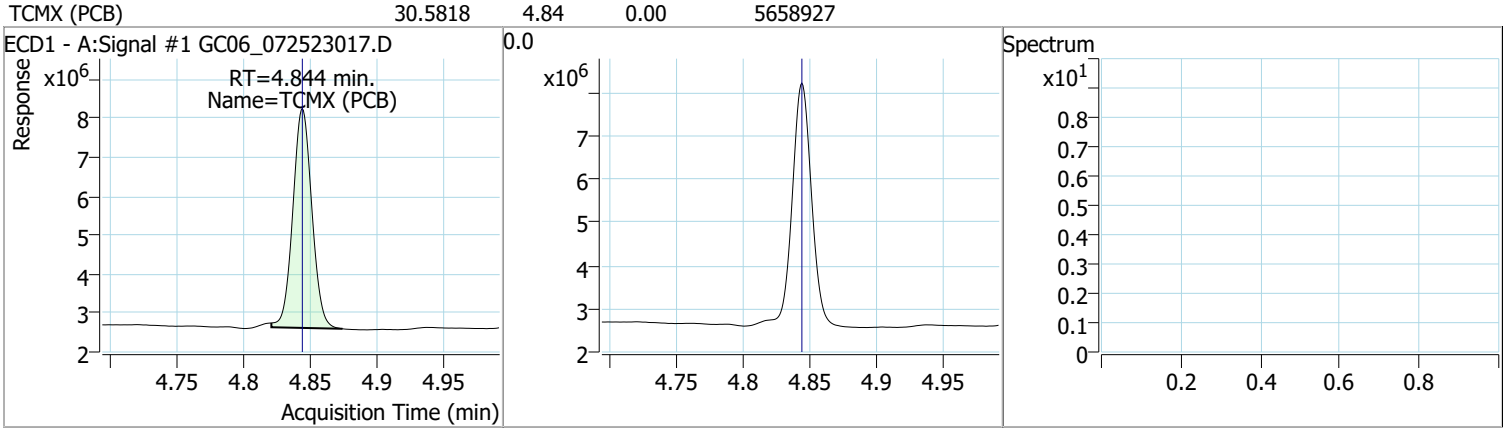


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1-bromo-2-nitrobenzene (PCB)	4.076	0.0	3472546.364	20.0000	ng/ml		-0.001
M 1-bromo-2-nitrobenzene (PCB) #2	4.295	0.0	8339963.975	20.0000	ng/ml		0.000
System Monitoring Compounds							
S TCMX (PCB)	4.844	0.0	5658927.225	30.5818	ng/ml		0.000
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 152.91%		*	
S TCMX (PCB) #2	5.203	0.0	14684978.083	33.1942	ng/ml		0.000
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 165.97%		*	
S Decachlorobiphenyl (PCB)	11.742	0.0	7999160.678	34.5208	ng/ml		-0.003
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 172.60%		*	
S Decachlorobiphenyl (PCB) #2	12.963	0.0	14238266.960	32.3285	ng/ml		-0.003
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 161.64%		*	
Target Compounds							QValue

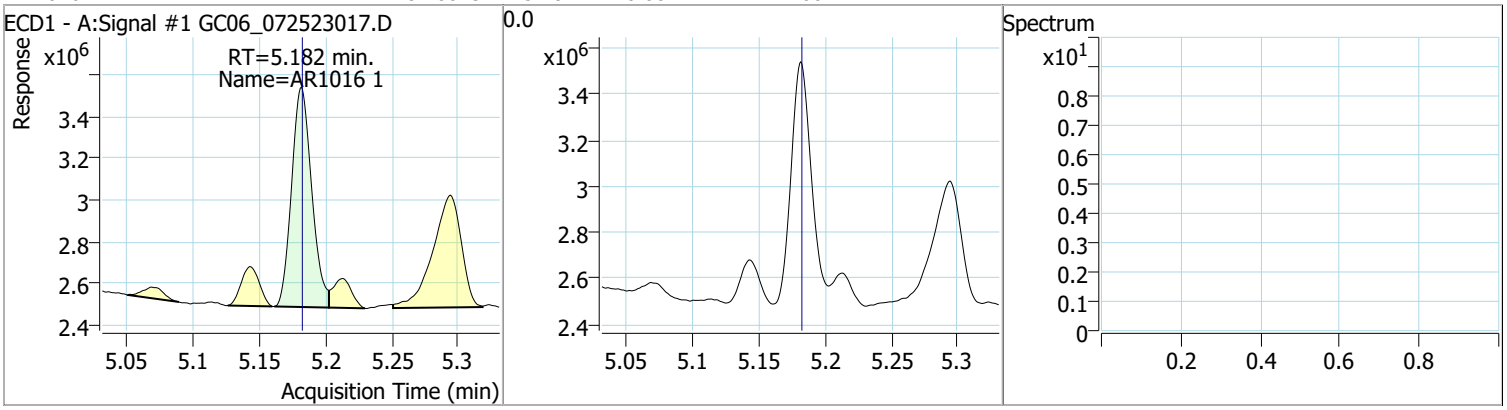
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T AR1016 1	5.182	0.0	1111601.354	287.0025	ng/ml	100
T AR1016 2	5.507	0.0	2960808.642	376.5390	ng/ml	100
T AR1016 1 #2	5.674	0.0	3630577.511	417.9401	ng/ml	100
T AR1016 3	5.954	0.0	3697996.402	367.9457	ng/ml	100
T AR1016 2 #2	6.081	0.0	6895241.899	353.3550	ng/ml	100
T AR1016 4	6.086	0.0	3133625.762	517.2934	ng/ml	100
T AR1016 5	6.269	0.0	1121690.479	242.1100	ng/ml	100
T AR1016 3 #2	6.598	0.0	7983657.703	340.0107	ng/ml	100
T AR1016 4 #2	6.763	0.0	5658810.460	334.8407	ng/ml	100
T AR1016 5 #2	6.896	0.0	3546735.334	393.4381	ng/ml	100
T AR1260 1	8.268	0.0	5494925.389	478.5110	ng/ml	100
T AR1260 2	8.813	0.0	6846879.822	390.5687	ng/ml	100
T AR1260 3	9.300	0.0	6467701.888	345.2774	ng/ml	100
T AR1260 1 #2	9.636	0.0	8731232.618	371.2213	ng/ml	100
T AR1260 4	9.828	0.0	4504739.680	441.4057	ng/ml	100
T AR1260 2 #2	9.924	0.0	10691102.186	403.1524	ng/ml	100
T AR1260 3 #2	10.375	0.0	11790112.851	347.4221	ng/ml	100
T AR1260 5	10.560	0.0	4211361.509	260.9811	ng/ml	100
T AR1260 4 #2	10.806	0.0	7104730.668	358.4292	ng/ml	100
T AR1260 5 #2	11.456	0.0	10949730.951	381.1145	ng/ml	100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

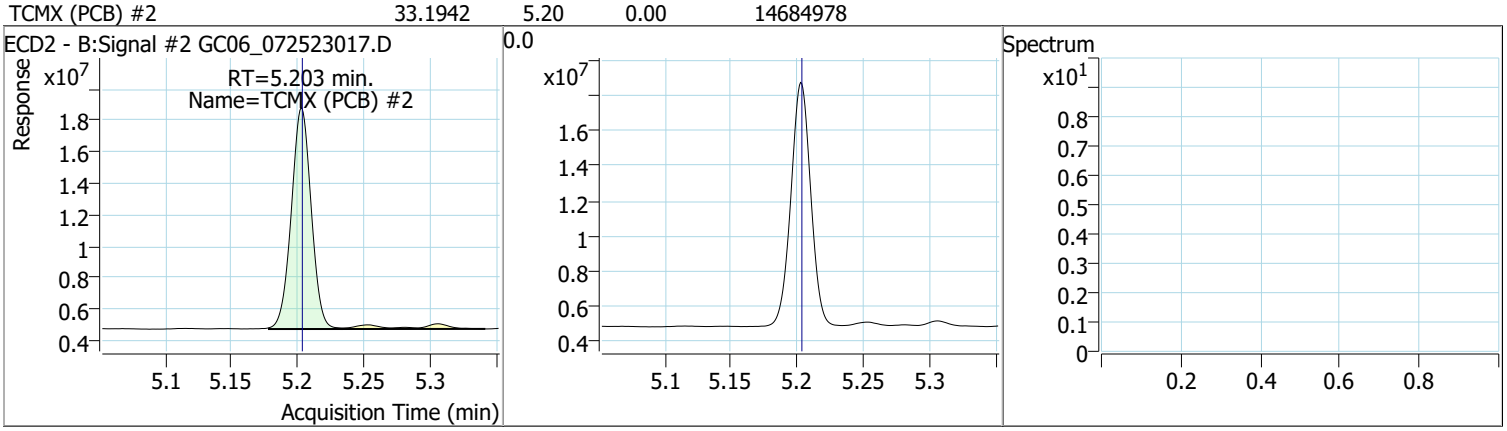
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	30.5818	4.84	0.00	5658927				



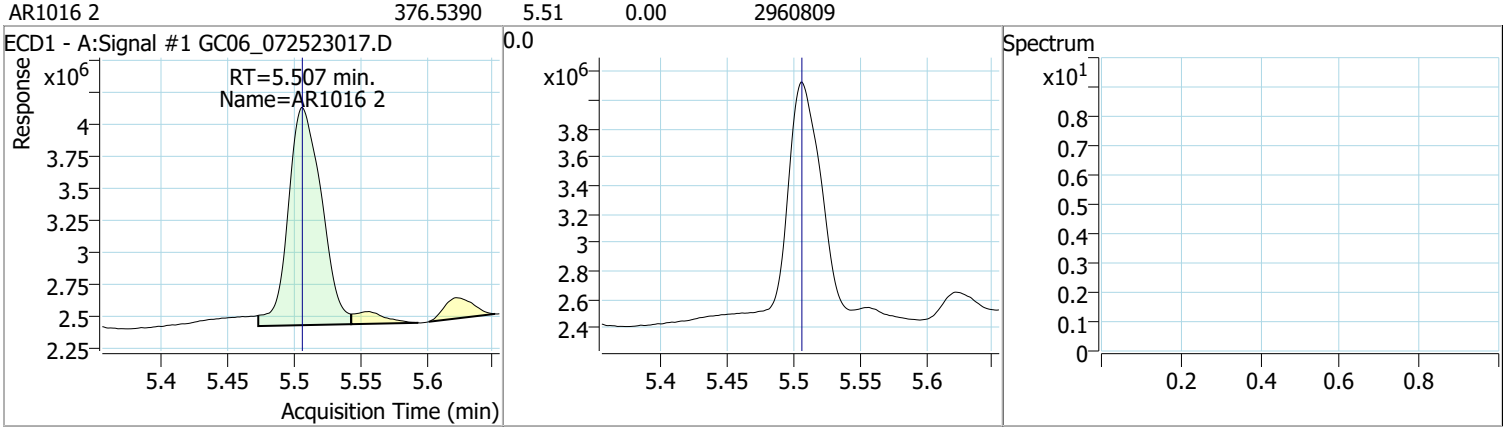
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	287.0025	5.18	0.00	1111601				



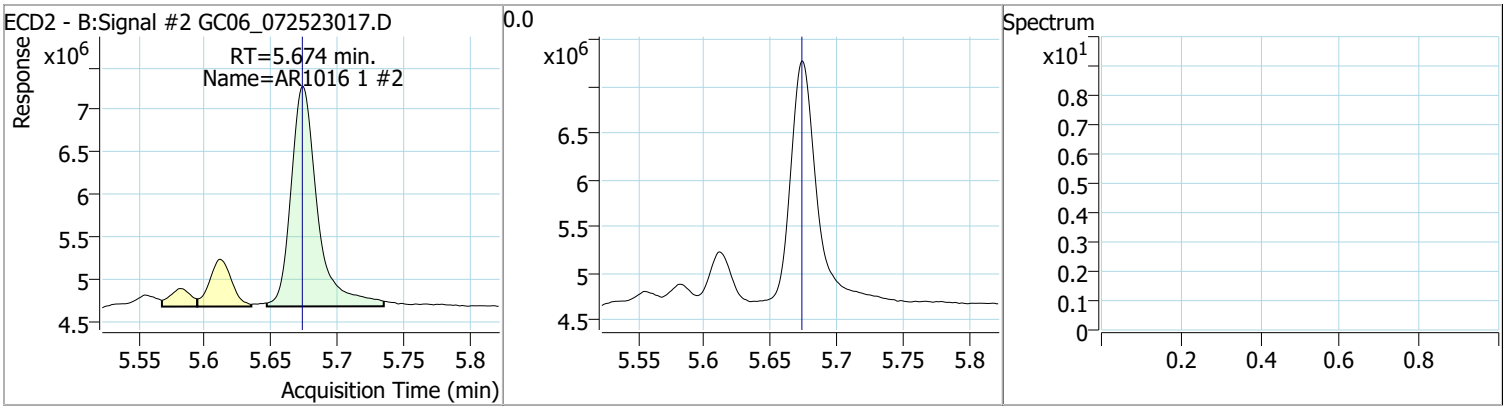
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB) #2	33.1942	5.20	0.00	14684978				



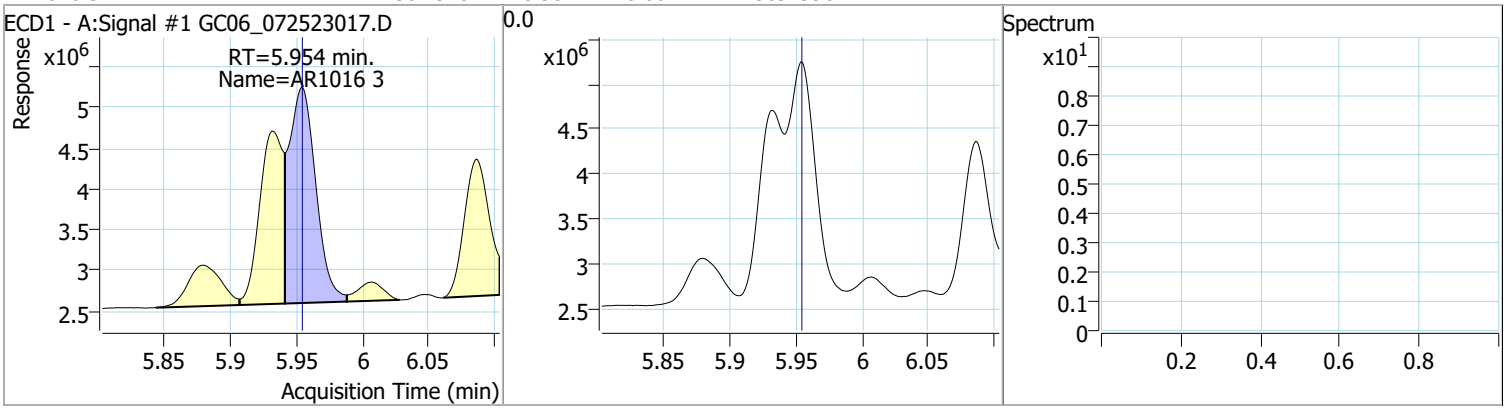
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	376.5390	5.51	0.00	2960809				



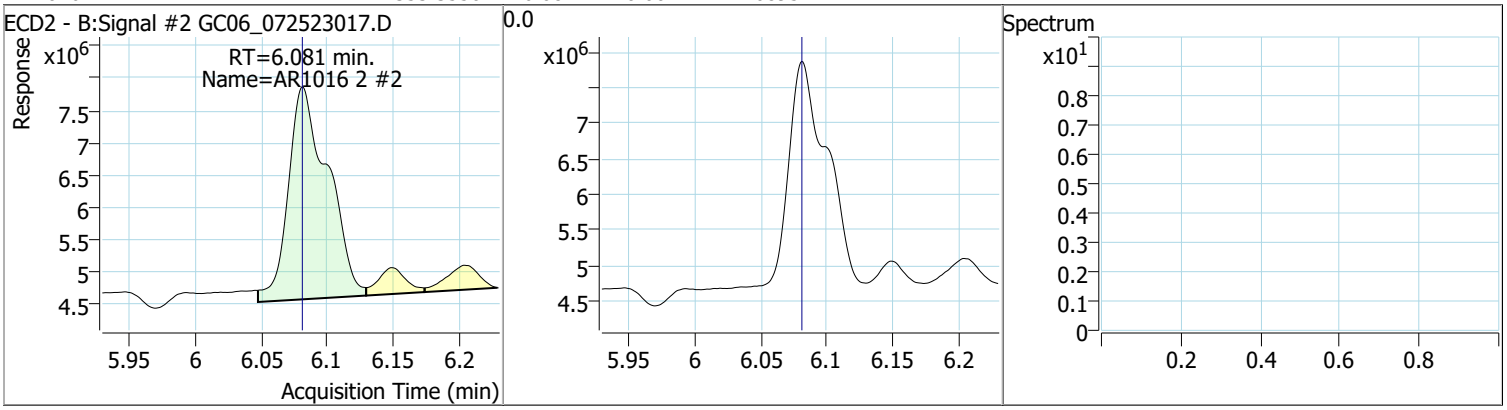
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1 #2	417.9401	5.67	0.00	3630578				



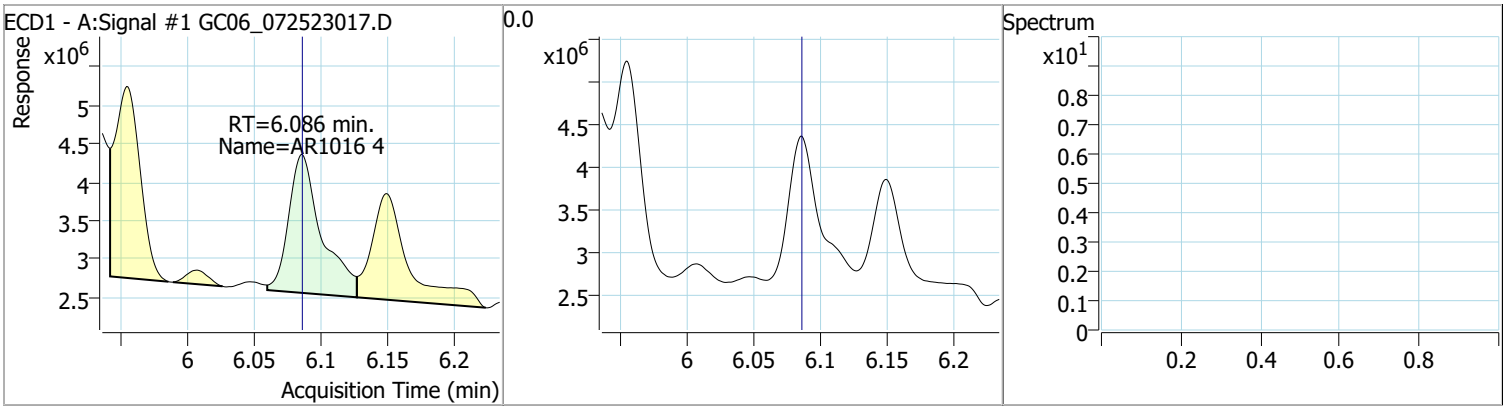
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	367.9457	5.95	0.00	3697996				



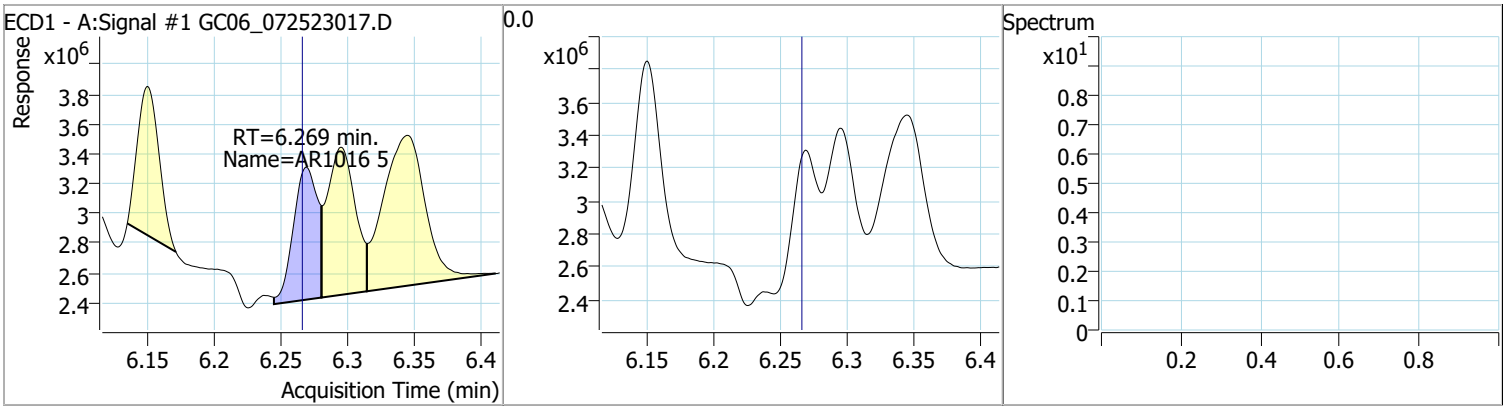
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	353.3550	6.08	0.00	6895242				



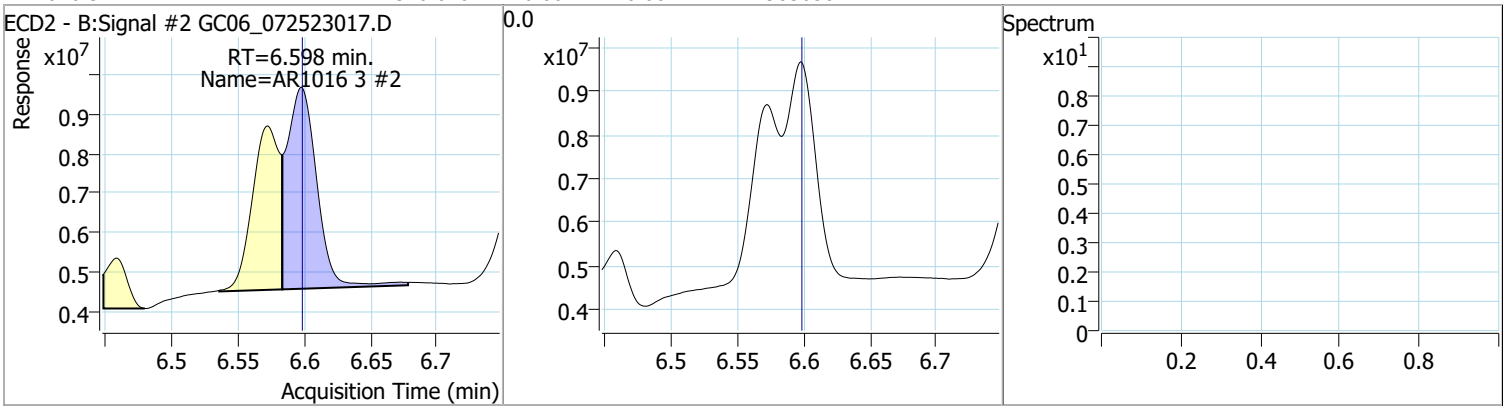
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4	517.2934	6.09	0.00	3133626				



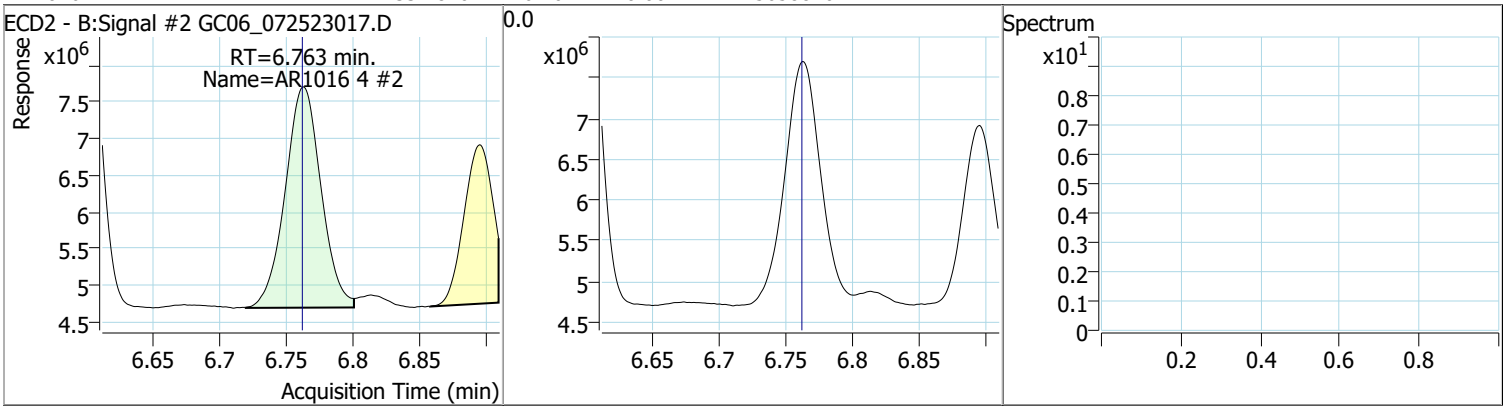
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	242.1100	6.27	0.00	1121690				



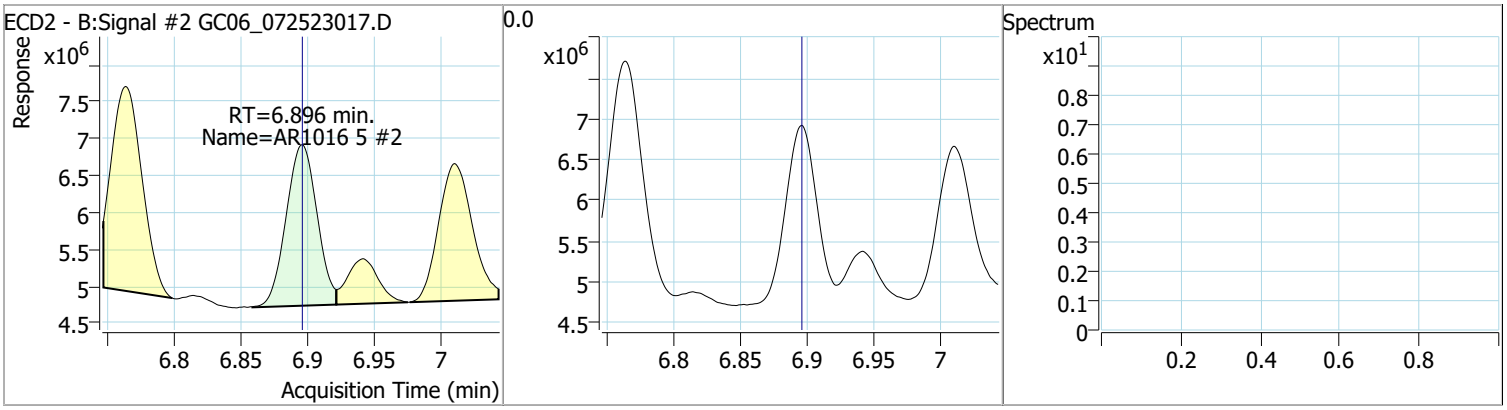
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	340.0107	6.60	0.00	7983658				



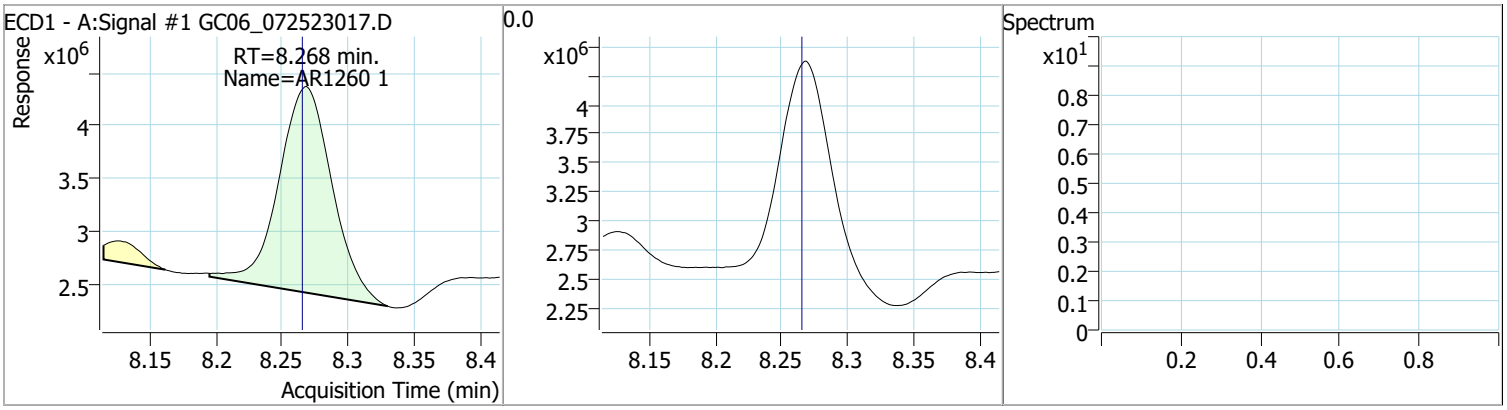
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4 #2	334.8407	6.76	0.00	5658810				



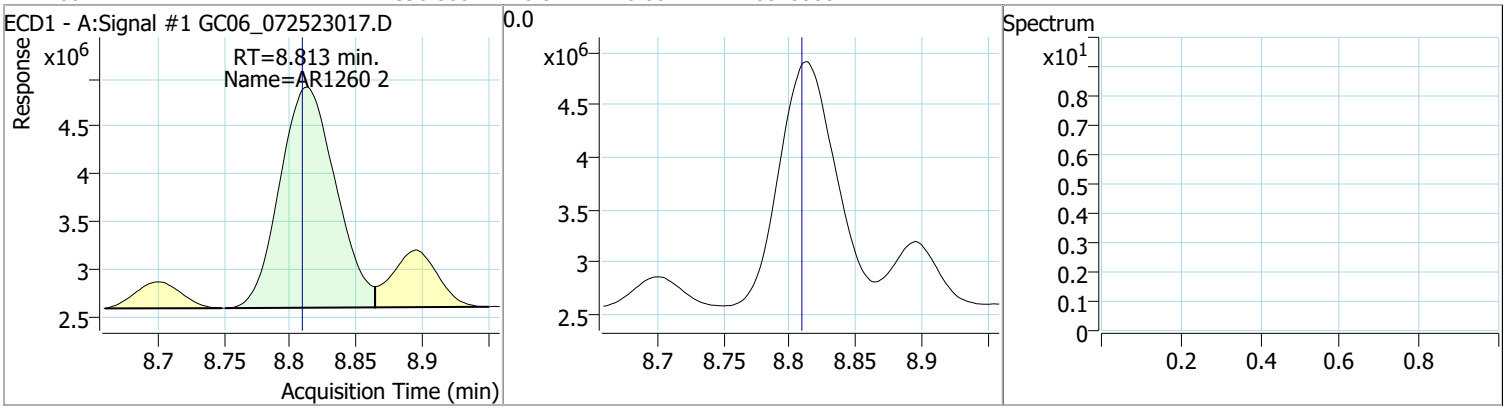
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	393.4381	6.90	0.00	3546735				



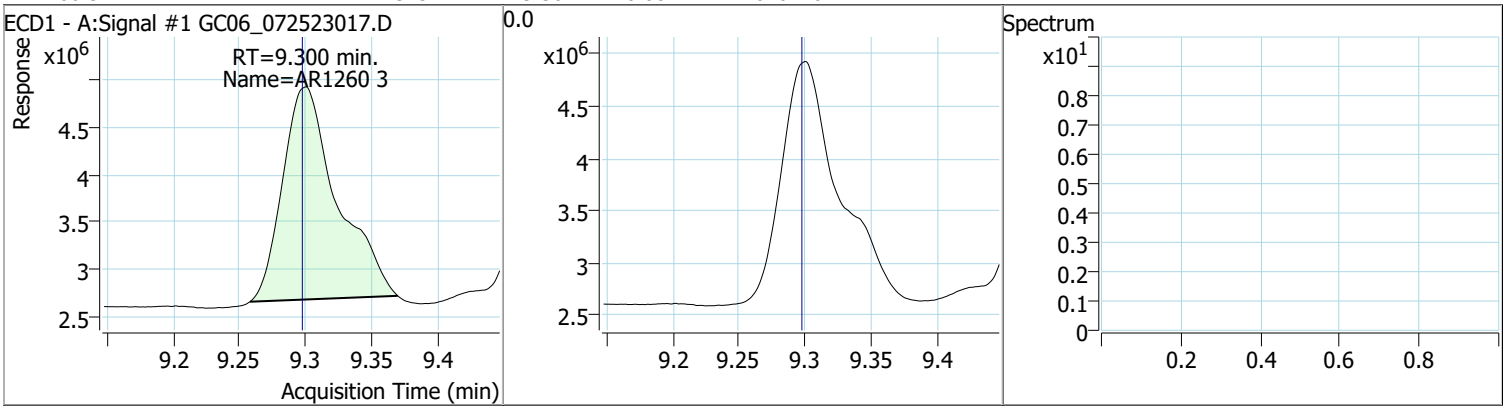
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	478.5110	8.27	0.00	5494925				



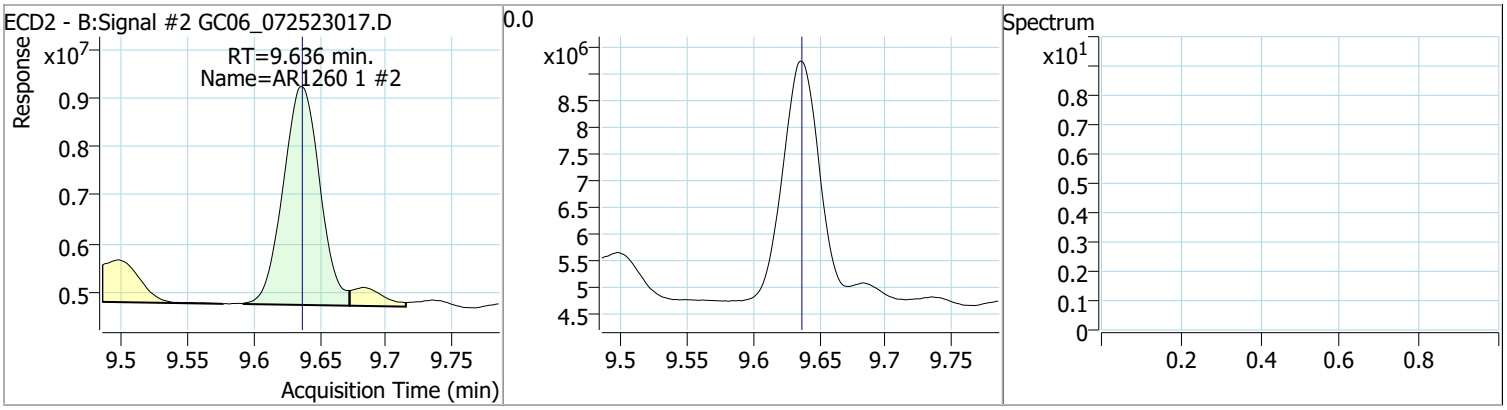
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	390.5687	8.81	0.00	6846880				



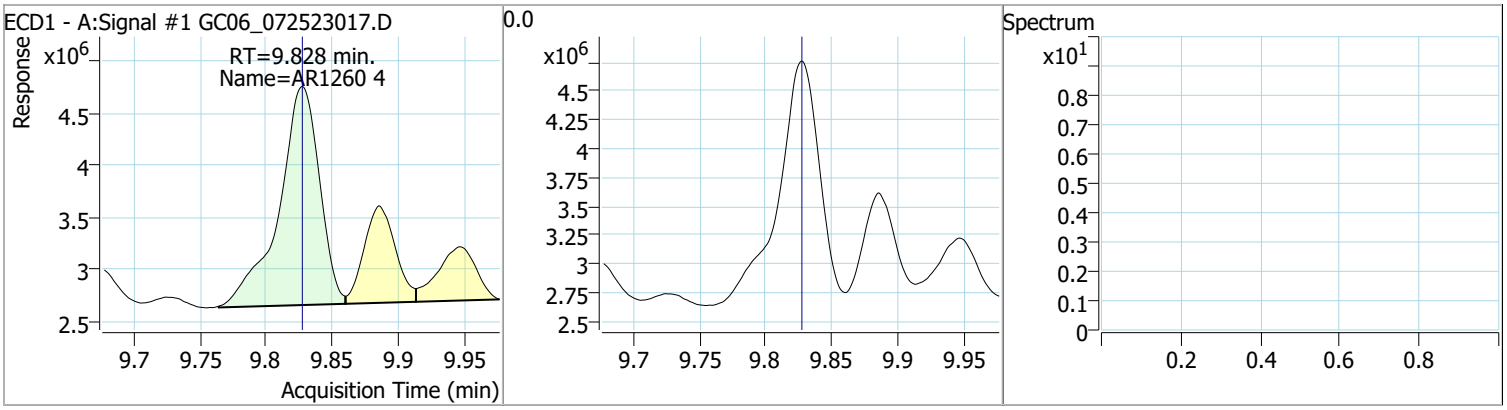
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3	345.2774	9.30	0.00	6467702				



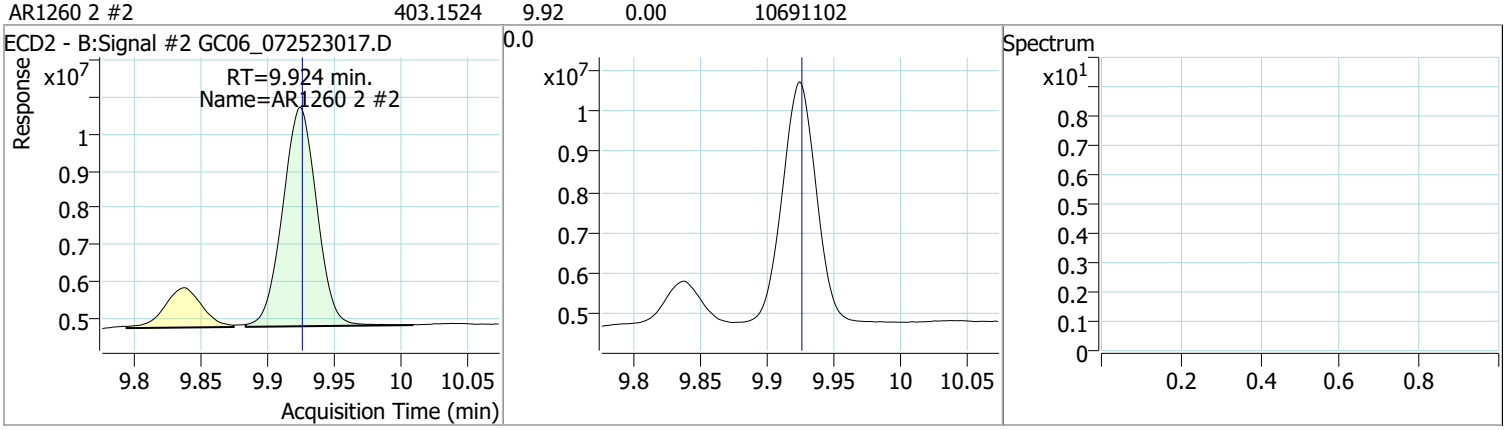
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1 #2	371.2213	9.64	0.00	8731233				



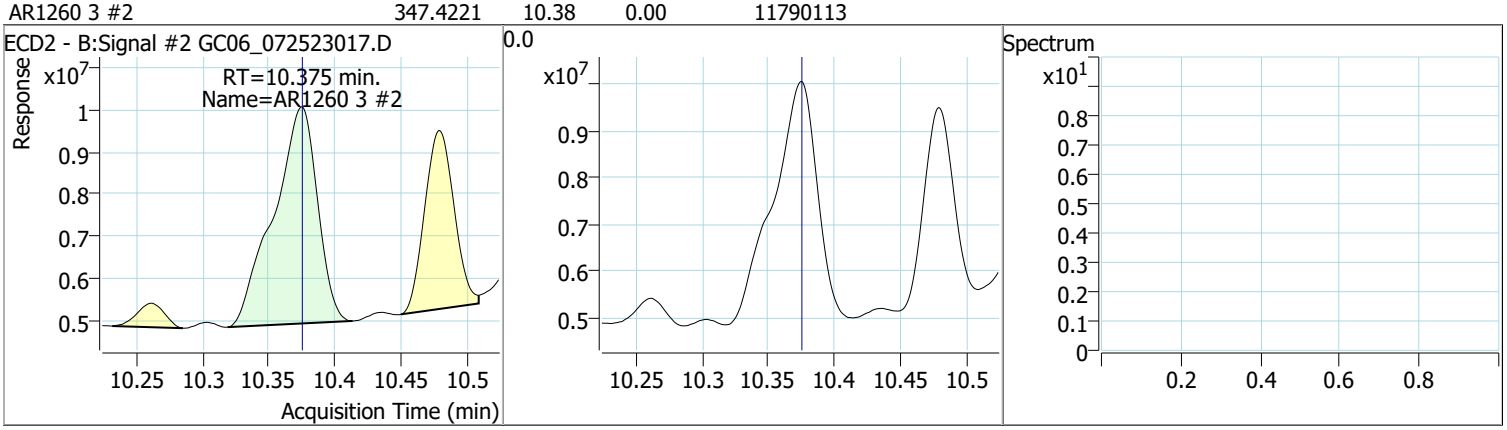
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4	441.4057	9.83	0.00	4504740				



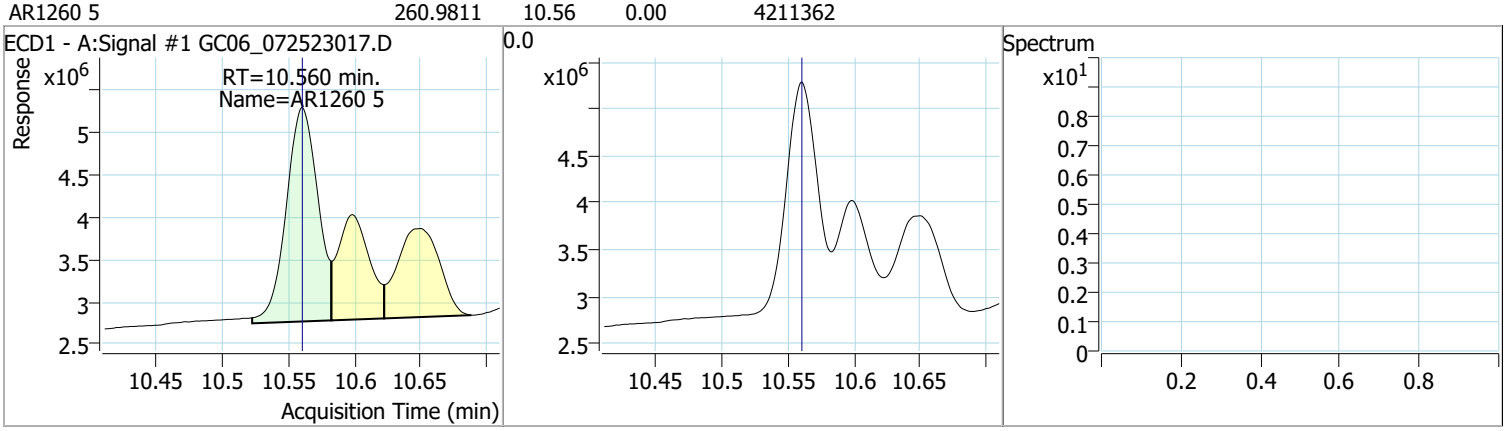
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	403.1524	9.92	0.00	10691102				



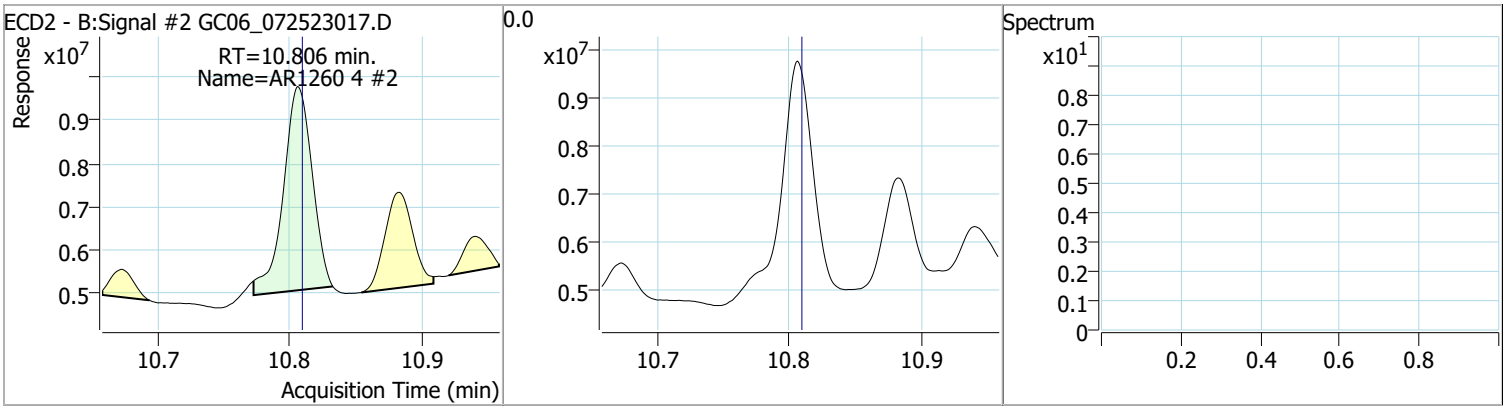
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3 #2	347.4221	10.38	0.00	11790113				



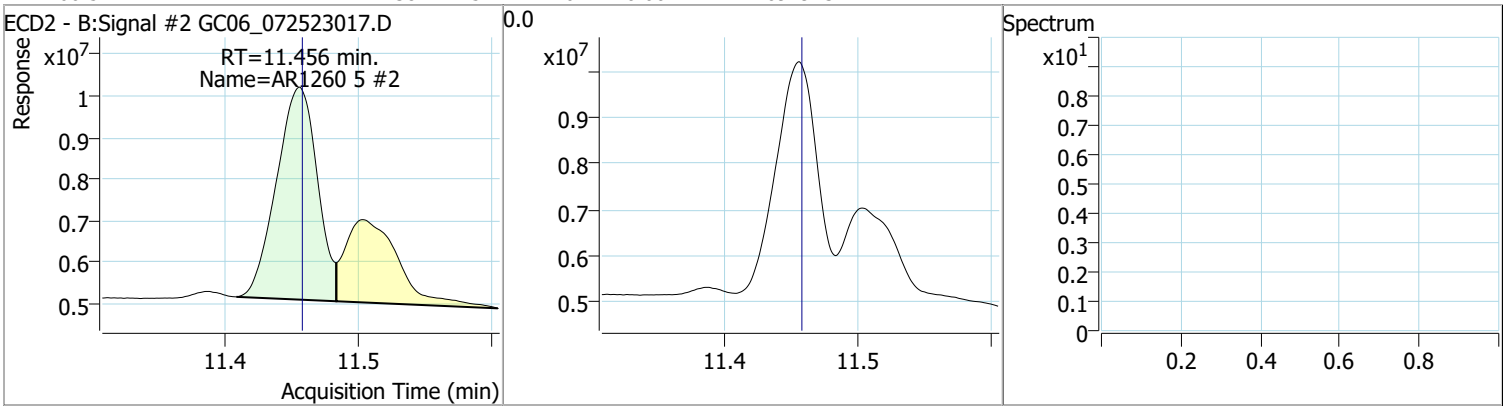
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	260.9811	10.56	0.00	4211362				



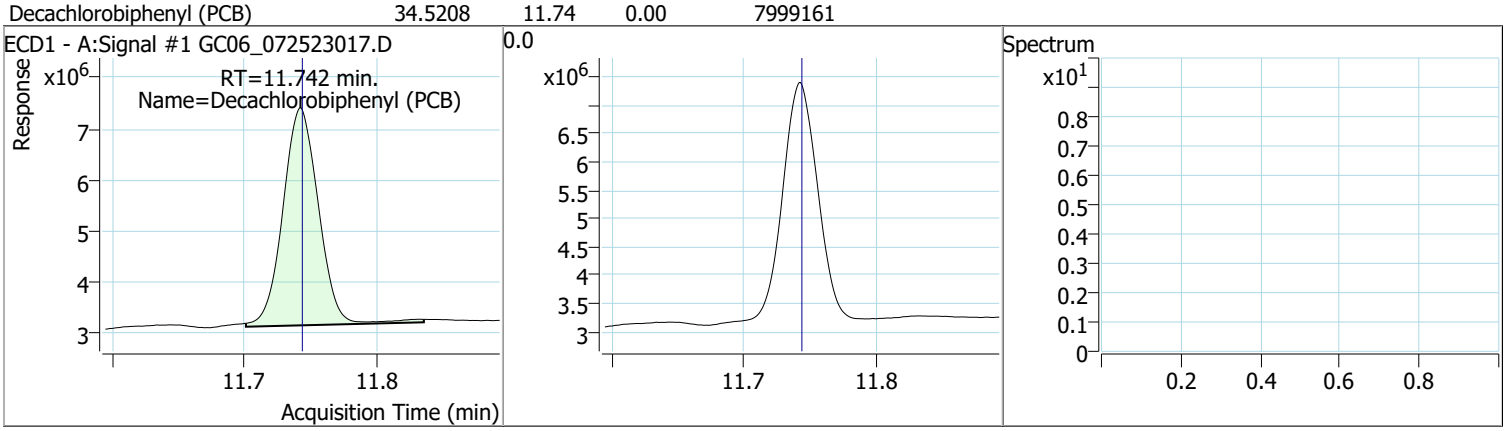
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	358.4292	10.81	0.00	7104731				



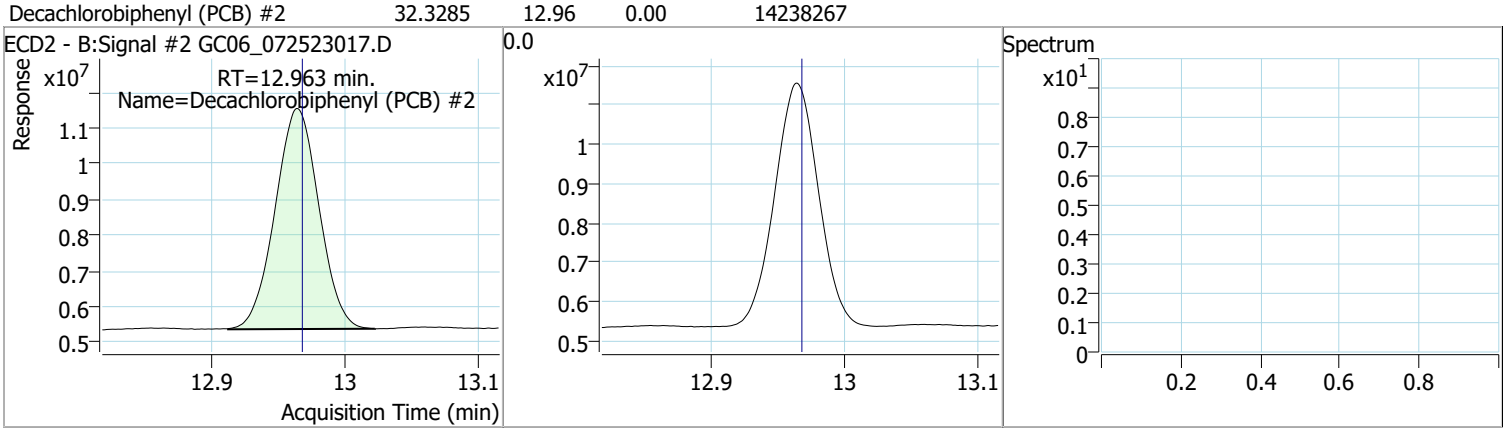
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	381.1145	11.46	0.00	10949731				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	34.5208	11.74	0.00	7999161				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	32.3285	12.96	0.00	14238267				



Initial Calibration Raw Data

ENTHALPY INITIAL CALIBRATION FOR 489010 PCBS Wipe: EPA 8082

Instrument:	SVOA-GC06	Name:	PCB_052223_1
Calibration #:	453205686001	Date:	22-MAY-2023 20:06
Units:	ug/L	X Axis:	R

Level	File	Seqnum	Sample ID	Analyzed	Standards
L1	gc06_052223020	453205686020		22-MAY-2023 20:06	S18179
L2	gc06_052223021	453205686021		22-MAY-2023 20:24	S18180
L3	gc06_052223022	453205686022		22-MAY-2023 20:43	S18181
L4	gc06_052223023	453205686023		22-MAY-2023 21:01	S18182
L5	gc06_052223024	453205686024		22-MAY-2023 21:19	S18183
L6	gc06_052223025	453205686025		22-MAY-2023 21:38	S18184
L7	gc06_052223026	453205686026		22-MAY-2023 21:56	S18185
L8	gc06_052223027	453205686027		22-MAY-2023 22:14	S18186
L9	gc06_052223028	453205686028		22-MAY-2023 22:33	S18187
L10	gc06_052223029	453205686029		22-MAY-2023 22:51	S18188

ENTHALPY INITIAL CALIBRATION FOR 489010 PCBS Wipe: EPA 8082

Instrument:	SVOA-GC06	Name:	PCB_052223_1
Calibration #:	453205686001	Date:	22-MAY-2023 20:06
Units:	ug/L	X Axis:	R

Analyte	Ch	Type	a0	a1	a2	Avg RF	%RSD	n	Min r^2	Max %RSD	Flags
Aroclor-1016 Peak # 1	A	AVRG		44.8280		0.0223	13	9	.99	20	
Aroclor-1016 Peak # 2	A	AVRG		22.0807		0.0453	14	9	.99	20	
Aroclor-1016 Peak # 3	A	AVRG		17.2755		0.0579	15	9	.99	20	
Aroclor-1016 Peak # 4	A	AVRG		28.6617		0.0349	13	9	.99	20	
Aroclor-1016 Peak # 5	A	AVRG		37.4758		0.0267	15	8	.99	20	
Aroclor-1260 Peak # 1	A	AVRG		15.1197		0.0661	14	9	.99	20	
Aroclor-1260 Peak # 2	A	AVRG		9.90415		0.1010	14	9	.99	20	
Aroclor-1260 Peak # 3	A	AVRG		9.26897		0.1079	20	10	.99	20	
Aroclor-1260 Peak # 4	A	AVRG		17.0130		0.0588	14	10	.99	20	
Aroclor-1260 Peak # 5	A	AVRG		10.7597		0.0929	13	10	.99	20	
Decachlorobiphenyl (PCB)	A	AVRG		0.74929		1.3346	16	9	.99	20	
TCMX (PCB)	A	AVRG		0.93830		1.0658	13	9	.99	20	
Aroclor-1016 Peak # 1	B	AVRG		48.0029		0.0208	16	10	.99	20	
Aroclor-1016 Peak # 2	B	AVRG		21.3693		0.0468	20	10	.99	20	
Aroclor-1016 Peak # 3	B	AVRG		17.7590		0.0563	14	9	.99	20	
Aroclor-1016 Peak # 4	B	AVRG		24.6742		0.0405	16	10	.99	20	
Aroclor-1016 Peak # 5	B	AVRG		46.2568		0.0216	9	8	.99	20	
Aroclor-1260 Peak # 1	B	AVRG		17.7291		0.0564	17	10	.99	20	
Aroclor-1260 Peak # 2	B	AVRG		15.7244		0.0636	15	9	.99	20	
Aroclor-1260 Peak # 3	B	AVRG		12.2876		0.0814	17	9	.99	20	
Aroclor-1260 Peak # 4	B	AVRG		21.0371		0.0475	17	10	.99	20	
Aroclor-1260 Peak # 5	B	AVRG		14.5138		0.0689	12	9	.99	20	
Decachlorobiphenyl (PCB)	B	AVRG		0.94680		1.0562	17	9	.99	20	
TCMX (PCB)	B	AVRG		0.94258		1.0609	15	10	.99	20	

Instrument amount = a0 + (response × a1) + (response² × a2)
AVRG: Average response factor

ENTHALPY INITIAL CALIBRATION FOR 489010 PCBS Wipe: EPA 8082

Instrument:	SVOA-GC06	Name:	PCB_052223_1
Calibration #:	453205686001	Date:	22-MAY-2023 20:06
Units:	ug/L	X Axis:	R

Analyte	Ch	L1 RF	L2 RF	L3 RF	L4 RF	L5 RF	L6 RF	L7 RF	L8 RF	L9 RF	L10 RF
Aroclor-1016 Peak # 1	A		0.0276	0.0245	0.0234	0.0239	0.0218	0.0206	0.0212	0.0184	0.0193
Aroclor-1016 Peak # 2	A		0.0566	0.0518	0.0480	0.0481	0.0439	0.0411	0.0427	0.0366	0.0387
Aroclor-1016 Peak # 3	A		0.0762	0.0633	0.0599	0.0612	0.0560	0.0519	0.0548	0.0476	0.0502
Aroclor-1016 Peak # 4	A		0.0443	0.0367	0.0358	0.0370	0.0341	0.0322	0.0341	0.0290	0.0309
Aroclor-1016 Peak # 5	A			0.0344	0.0292	0.0286	0.0264	0.0247	0.0261	0.0216	0.0226
Aroclor-1260 Peak # 1	A		0.0851	0.0711	0.0682	0.0709	0.0625	0.0605	0.0668	0.0525	0.0577
Aroclor-1260 Peak # 2	A		0.1294	0.1093	0.1026	0.1091	0.0961	0.0930	0.1010	0.0808	0.0875
Aroclor-1260 Peak # 3	A	0.1581	0.1289	0.1077	0.1032	0.1094	0.0971	0.0948	0.1043	0.0834	0.0921
Aroclor-1260 Peak # 4	A	0.0772	0.0641	0.0593	0.0559	0.0620	0.0553	0.0543	0.0597	0.0476	0.0524
Aroclor-1260 Peak # 5	A	0.1231	0.0945	0.0875	0.0849	0.1002	0.0893	0.0878	0.0975	0.0775	0.0870
Decachlorobiphenyl (PCB)	A		1.7632	1.3406	1.2120	1.5128	1.4154	1.3028	1.3203	1.0100	1.1344
TCMX (PCB)	A		1.3115	1.0954	1.0188	1.2898	0.9794	0.9774	1.0276	0.9022	0.9898
Aroclor-1016 Peak # 1	B	0.0287	0.0231	0.0220	0.0204	0.0214	0.0200	0.0189	0.0193	0.0169	0.0175
Aroclor-1016 Peak # 2	B	0.0611	0.0630	0.0503	0.0468	0.0471	0.0433	0.0407	0.0419	0.0361	0.0376
Aroclor-1016 Peak # 3	B		0.0724	0.0632	0.0574	0.0590	0.0541	0.0509	0.0542	0.0462	0.0495
Aroclor-1016 Peak # 4	B	0.0559	0.0462	0.0417	0.0392	0.0416	0.0384	0.0365	0.0384	0.0328	0.0345
Aroclor-1016 Peak # 5	B			0.0241	0.0220	0.0240	0.0220	0.0210	0.0220	0.0185	0.0193
Aroclor-1260 Peak # 1	B	0.0735	0.0722	0.0592	0.0548	0.0579	0.0517	0.0503	0.0540	0.0436	0.0468
Aroclor-1260 Peak # 2	B		0.0821	0.0695	0.0652	0.0682	0.0603	0.0584	0.0633	0.0506	0.0547
Aroclor-1260 Peak # 3	B	0.1108	0.0964	0.0809	0.0765	0.0815	0.0731	0.0718	0.0782	0.0632	
Aroclor-1260 Peak # 4	B	0.0660	0.0527	0.0493	0.0467	0.0491	0.0448	0.0412	0.0471	0.0378	0.0406
Aroclor-1260 Peak # 5	B		0.0860	0.0731	0.0692	0.0734	0.0655	0.0644	0.0708	0.0560	0.0616
Decachlorobiphenyl (PCB)	B		1.3936	1.1048	0.9715	1.1986	1.1264	1.0333	1.0299	0.7901	0.8576
TCMX (PCB)	B	1.3332	1.2621	1.0653	1.0656	1.2201	0.9321	0.9733	0.9760	0.8587	0.9229

ENTHALPY INITIAL CALIBRATION FOR 489010 PCBS Wipe: EPA 8082

Instrument:	SVOA-GC06	Name:	PCB_052223_1
Calibration #:	453205686001	Date:	22-MAY-2023 20:06
Units:	ug/L	X Axis:	R

Spiked Amounts / Drifts	Ch	L1	%D	L2	%D	L3	%D	L4	%D	L5	%D	L6	%D	L7	%D	L8	%D
Aroclor-1016 Peak # 1	A			20.000	24	50.000	10	100.00	5	250.00	7	500.00	-2	749.91	-8	1000.0	-5
Aroclor-1016 Peak # 2	A			20.000	25	50.000	14	100.00	6	250.00	6	500.00	-3	749.91	-9	1000.0	-6
Aroclor-1016 Peak # 3	A			20.000	32	50.000	9	100.00	3	250.00	6	500.00	-3	749.91	-10	1000.0	-5
Aroclor-1016 Peak # 4	A			20.000	27	50.000	5	100.00	2	250.00	6	500.00	-2	749.91	-8	1000.0	-2
Aroclor-1016 Peak # 5	A					50.000	29	100.00	9	250.00	7	500.00	-1	749.91	-7	1000.0	-2
Aroclor-1260 Peak # 1	A			20.000	29	50.000	8	100.00	3	250.00	7	500.00	-6	749.91	-9	1000.0	1
Aroclor-1260 Peak # 2	A			20.000	28	50.000	8	100.00	2	250.00	8	500.00	-5	749.91	-8	1000.0	0
Aroclor-1260 Peak # 3	A	10.000	47	20.000	19	50.000	0	100.00	-4	250.00	1	500.00	-10	749.91	-12	1000.0	-3
Aroclor-1260 Peak # 4	A	10.000	31	20.000	9	50.000	1	100.00	-5	250.00	6	500.00	-6	749.91	-8	1000.0	1
Aroclor-1260 Peak # 5	A	10.000	32	20.000	2	50.000	-6	100.00	-9	250.00	8	500.00	-4	749.91	-6	1000.0	5
Decachlorobiphenyl (PCB)	A			1.6000	32	4.0000	0	8.0000	-9	20.000	13	40.000	6	59.993	-2	80.000	-1
TCMX (PCB)	A			1.6000	23	4.0000	3	8.0000	-4	20.000	**21**	40.000	-8	59.993	-8	80.000	-4
Aroclor-1016 Peak # 1	B	10.000	38	20.000	11	50.000	6	100.00	-2	250.00	3	500.00	-4	749.91	-9	1000.0	-7
Aroclor-1016 Peak # 2	B	10.000	31	20.000	**35**	50.000	8	100.00	0	250.00	1	500.00	-7	749.91	-13	1000.0	-10
Aroclor-1016 Peak # 3	B			20.000	29	50.000	12	100.00	2	250.00	5	500.00	-4	749.91	-10	1000.0	-4
Aroclor-1016 Peak # 4	B	10.000	38	20.000	14	50.000	3	100.00	-3	250.00	3	500.00	-5	749.91	-10	1000.0	-5
Aroclor-1016 Peak # 5	B					50.000	11	100.00	2	250.00	11	500.00	2	749.91	-3	1000.0	2
Aroclor-1260 Peak # 1	B	10.000	30	20.000	**28**	50.000	5	100.00	-3	250.00	3	500.00	-8	749.91	-11	1000.0	-4
Aroclor-1260 Peak # 2	B			20.000	29	50.000	9	100.00	3	250.00	7	500.00	-5	749.91	-8	1000.0	0
Aroclor-1260 Peak # 3	B	10.000	36	20.000	18	50.000	-1	100.00	-6	250.00	0	500.00	-10	749.91	-12	1000.0	-4
Aroclor-1260 Peak # 4	B	10.000	39	20.000	11	50.000	4	100.00	-2	250.00	3	500.00	-6	749.91	-13	1000.0	-1
Aroclor-1260 Peak # 5	B			20.000	25	50.000	6	100.00	0	250.00	6	500.00	-5	749.91	-7	1000.0	3
Decachlorobiphenyl (PCB)	B			1.6000	32	4.0000	5	8.0000	-8	20.000	13	40.000	7	59.993	-2	80.000	-2
TCMX (PCB)	B	0.8000	26	1.6000	19	4.0000	0	8.0000	0	20.000	15	40.000	-12	59.993	-8	80.000	-8

ENTHALPY INITIAL CALIBRATION FOR 489010 PCBS Wipe: EPA 8082

Instrument:	SVOA-GC06	Name:	PCB_052223_1
Calibration #:	453205686001	Date:	22-MAY-2023 20:06
Units:	ug/L	X Axis:	R

Spiked Amounts / Drifts	Ch	L9	%D	L10	%D
Aroclor-1016 Peak # 1	A	1500.0	-17	2000.0	-13
Aroclor-1016 Peak # 2	A	1500.0	-19	2000.0	-15
Aroclor-1016 Peak # 3	A	1500.0	-18	2000.0	-13
Aroclor-1016 Peak # 4	A	1500.0	-17	2000.0	-11
Aroclor-1016 Peak # 5	A	1500.0	-19	2000.0	-15
Aroclor-1260 Peak # 1	A	1500.0	**-21**	2000.0	-13
Aroclor-1260 Peak # 2	A	1500.0	-20	2000.0	-13
Aroclor-1260 Peak # 3	A	1500.0	**-23**	2000.0	-15
Aroclor-1260 Peak # 4	A	1500.0	-19	2000.0	-11
Aroclor-1260 Peak # 5	A	1500.0	-17	2000.0	-6
Decachlorobiphenyl (PCB)	A	120.00	**-24**	160.00	-15
TCMX (PCB)	A	120.00	-15	160.00	-7
Aroclor-1016 Peak # 1	B	1500.0	-19	2000.0	-16
Aroclor-1016 Peak # 2	B	1500.0	**-23**	2000.0	-20
Aroclor-1016 Peak # 3	B	1500.0	-18	2000.0	-12
Aroclor-1016 Peak # 4	B	1500.0	-19	2000.0	-15
Aroclor-1016 Peak # 5	B	1500.0	-15	2000.0	-11
Aroclor-1260 Peak # 1	B	1500.0	**-23**	2000.0	-17
Aroclor-1260 Peak # 2	B	1500.0	-20	2000.0	-14
Aroclor-1260 Peak # 3	B	1500.0	**-22**		
Aroclor-1260 Peak # 4	B	1500.0	-20	2000.0	-15
Aroclor-1260 Peak # 5	B	1500.0	-19	2000.0	-11
Decachlorobiphenyl (PCB)	B	120.00	**-25**	160.00	-19
TCMX (PCB)	B	120.00	-19	160.00	-13

TRN 05/23/23 : Manually integrated for coeluting peak, negative/tailing peak for one/both channels on multiple levels

ENTHALPY INITIAL CALIBRATION FOR 489010 PCBS Wipe: EPA 8082

Instrument:	SVOA-GC06	Name:	PCB_052223_1
Calibration #:	453205686001	Date:	22-MAY-2023 20:06
Units:	ug/L	X Axis:	R

Analyst: TRN 05/23/23

Reviewer: LW 05/23/23

ENTHALPY 2ND SOURCE CALIBRATION SUMMARY FOR 489010 PCBS Wipe

EPA 8082

Inst:	SVOA-GC06	Name:	PCB_052223_1
Calnum:	453205686001	Cal Date:	22-MAY-2023

- ICV 453205686031 (gc06_052223031 22-MAY-2023) stds: S18189

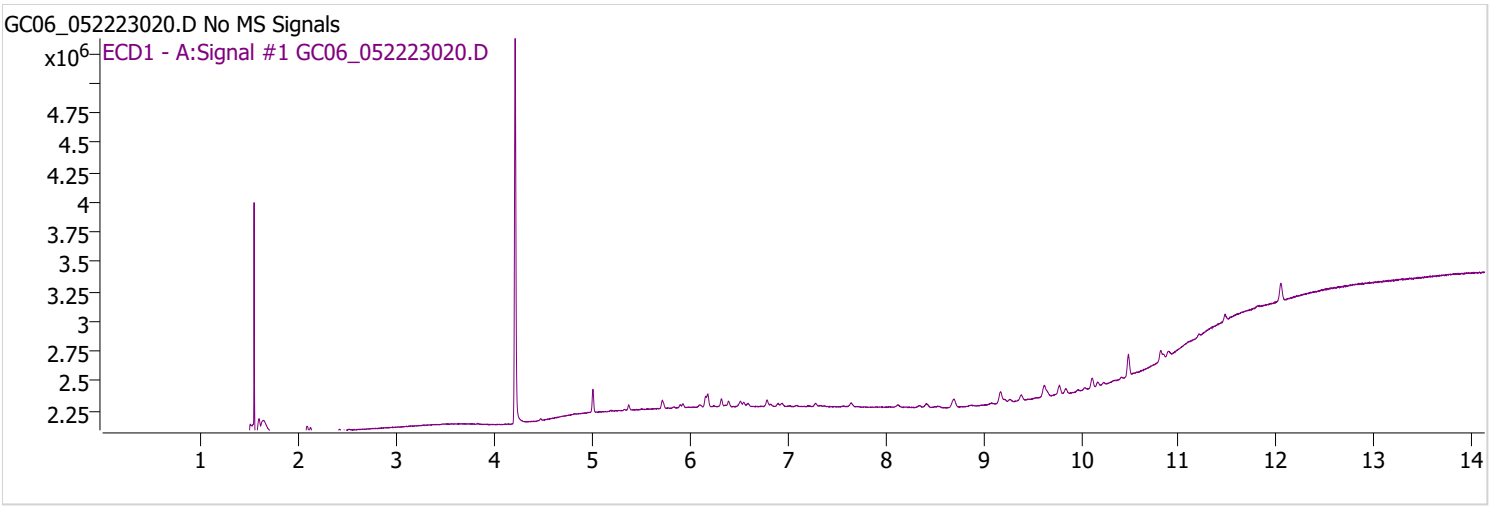
Analyte	Ch	Spiked	Quant	Units	%D	Max	Flags
Aroclor-1016	A	500.0	428.3	ug/L	-14	15	
Aroclor-1260	A	500.0	486.3	ug/L	-3	15	
Aroclor-1016	B	500.0	432.4	ug/L	-14	15	
Aroclor-1260	B	500.0	476.3	ug/L	-5	15	

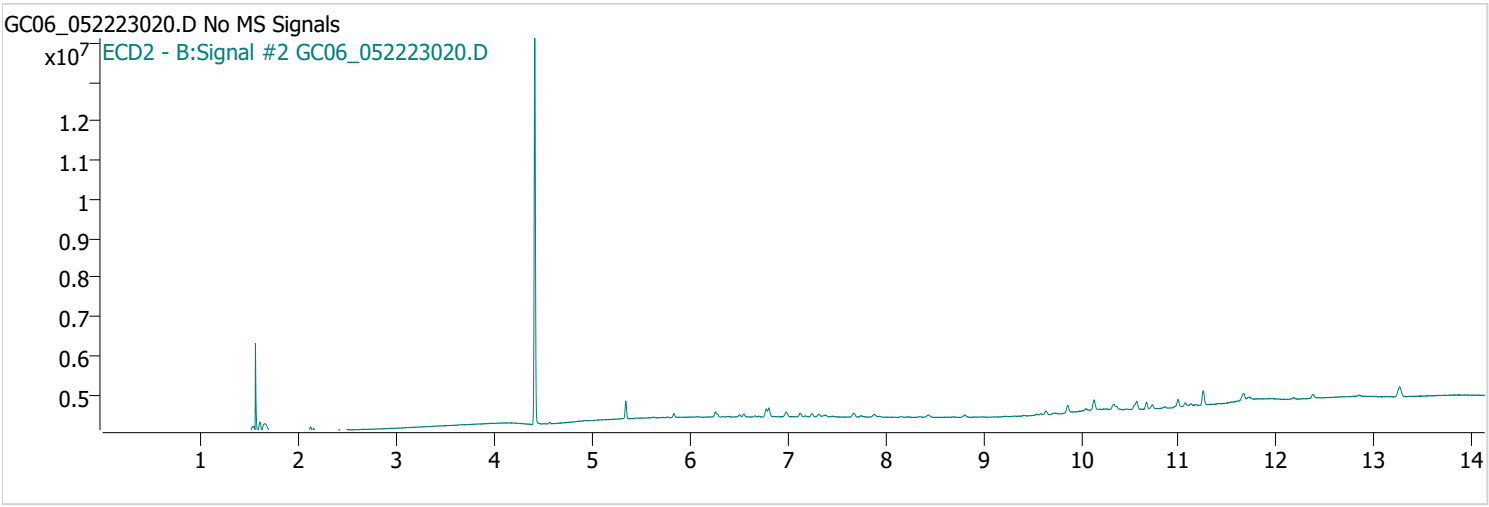
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Analyst: TRN 05/23/23 **Reviewer:** LW 05/23/23

Quantitation Results Report (Not Reviewed)

Data File	GC06_052223020.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	5/22/2023 8:06:46 PM
Sample Name	ICAL, S18179	Instrument	SVOA-GC06
Vial	11	Multiplier	1.00
DA Method File	PCB_608_052223_GC06_1.m	Comment	
Tune File	ATUNE.U	Tune Date	
Batch Name	052223PCBICAL.batch.bin	Last Calib Update	5/23/2023 1:35:07 PM
Ref Library			



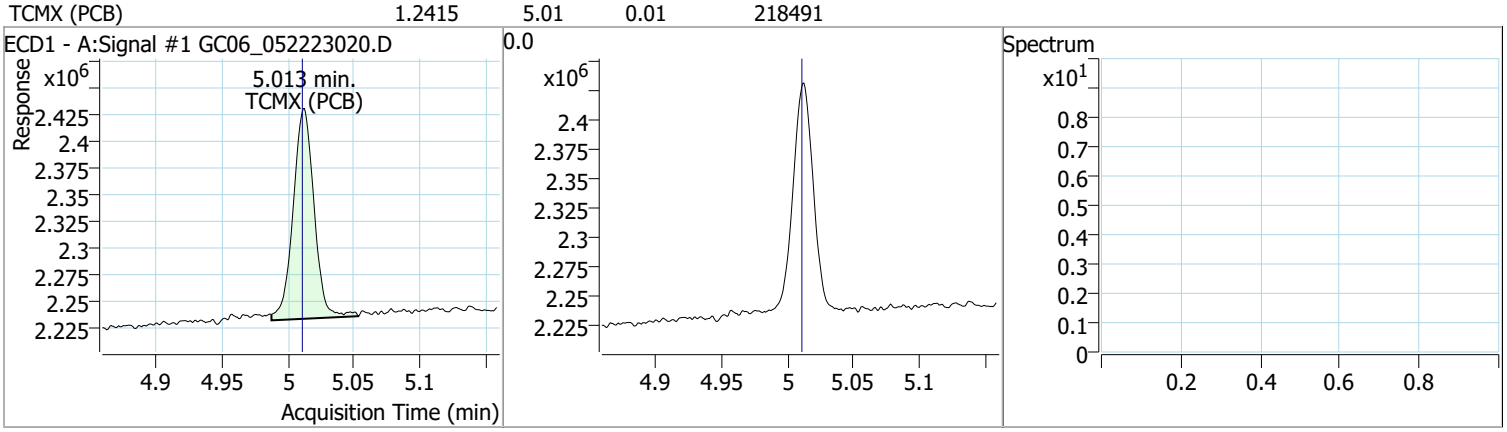


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1-bromo-2-nitrobenzene (PCB)	4.218	0.0	3319808.327	20.0000	ng/ml		0.008
M 1-bromo-2-nitrobenzene (PCB) #2	4.418	0.0	8866253.650	20.0000	ng/ml		0.000
System Monitoring Compounds							
S TCMX (PCB)	5.013	0.0	218490.563	1.2415	ng/ml		0.011
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 6.21%		*	
S TCMX (PCB) #2	5.348	0.0	472805.108	1.0082	ng/ml		0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 5.04%		*	
S Decachlorobiphenyl (PCB)	12.044	0.0	291518.580	1.3267	ng/ml		0.023
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 6.63%		*	
S Decachlorobiphenyl (PCB) #2	13.258	0.0	632444.173	1.3581	ng/ml		0.010
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 6.79%		*	
Target Compounds							QValue
T AR1016 1	5.378	0.0	61309.165	16.6853	ng/ml		100
T AR1016 2	5.723	0.0	117562.640	15.6669	ng/ml		100
T AR1016 1 #2	5.840	0.0	127309.840	13.8000	ng/ml		100

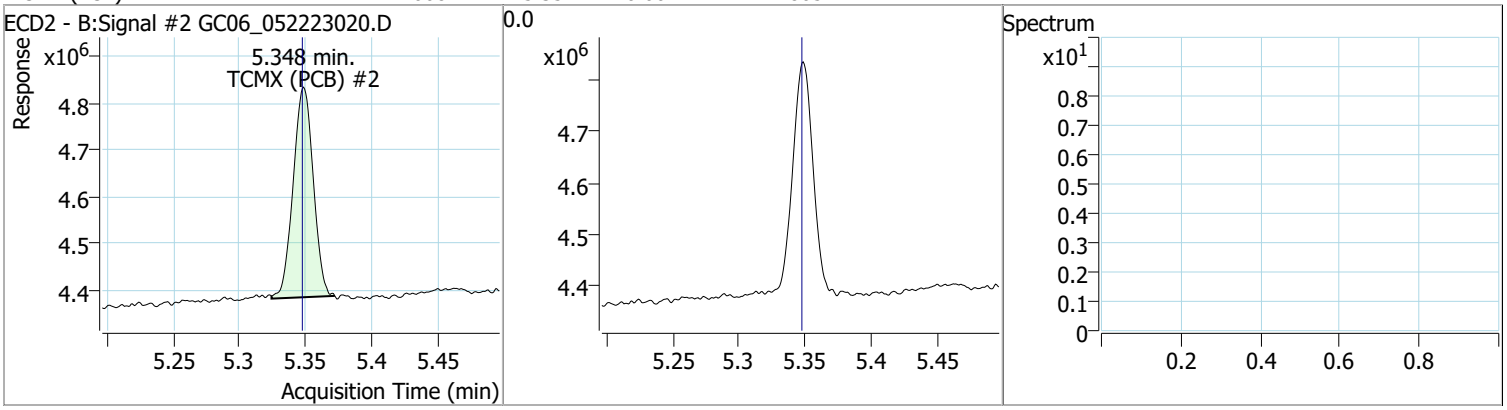
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T AR1016 3	6.187	0.0	155866.244	16.2850	ng/ml	m	100
T AR1016 2 #2	6.263	0.0	270742.302	13.0744	ng/ml		100
T AR1016 4	6.326	0.0	91736.550	15.5636	ng/ml		100
T AR1016 5	6.520	0.0	84019.148	19.2055	ng/ml		100
T AR1016 3 #2	6.811	0.0	386894.363	15.5439	ng/ml		100
T AR1016 4 #2	6.988	0.0	247753.500	13.8049	ng/ml		100
T AR1016 5 #2	7.251	0.0	141832.892	14.1157	ng/ml		100
T AR1260 1	8.701	0.0	181061.273	16.5041	ng/ml		100
T AR1260 2	9.178	0.0	267356.534	16.0212	ng/ml		100
T AR1260 3	9.623	0.0	262363.997	14.6680	ng/ml		100
T AR1260 1 #2	9.865	0.0	325692.704	12.9688	ng/ml		100
T AR1260 4	10.113	0.0	128136.380	13.1049	ng/ml		100
T AR1260 2 #2	10.133	0.0	490944.388	17.2965	ng/ml		100
T AR1260 3 #2	10.568	0.0	491203.187	13.4841	ng/ml		100
T AR1260 5	10.816	0.0	204319.500	12.8466	ng/ml		100
T AR1260 4 #2	10.990	0.0	292791.859	13.7527	ng/ml	m	100
T AR1260 5 #2	11.664	0.0	432968.877	13.9975	ng/ml		100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

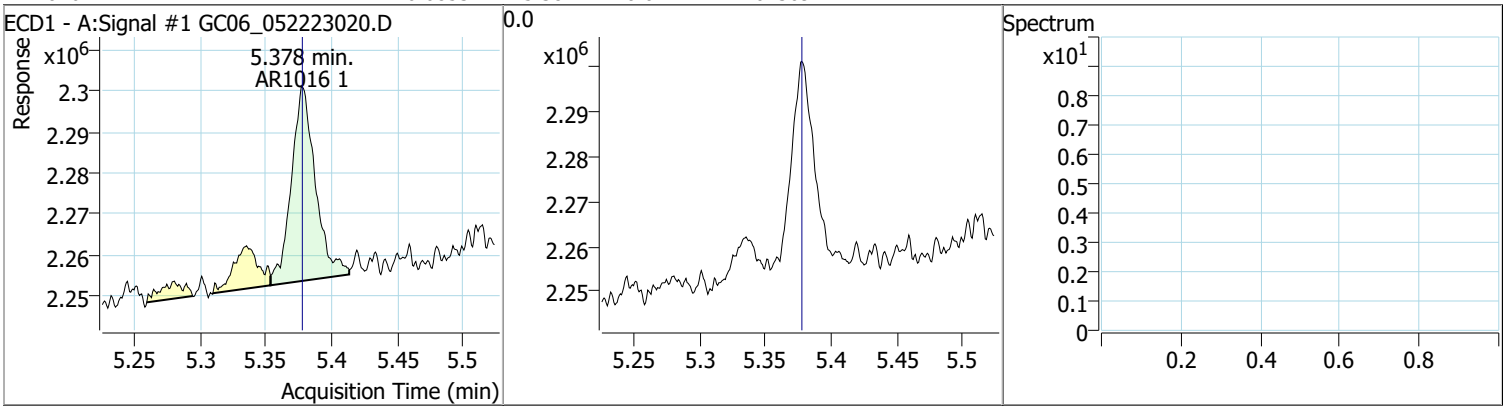
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	1.2415	5.01	0.01	218491				



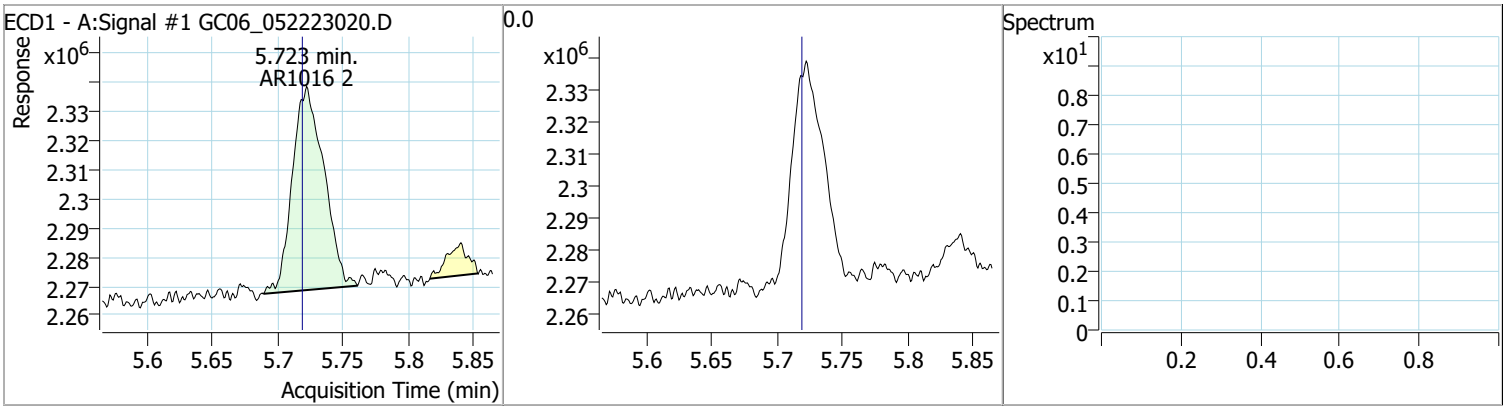
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB) #2	1.0082	5.35	0.00	472805				



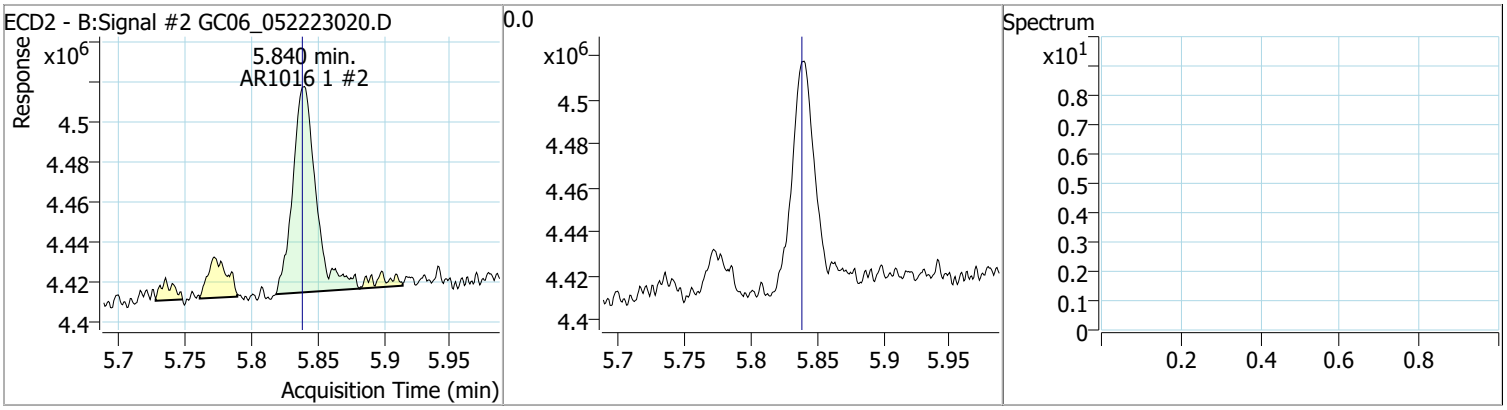
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	16.6853	5.38	0.01	61309				



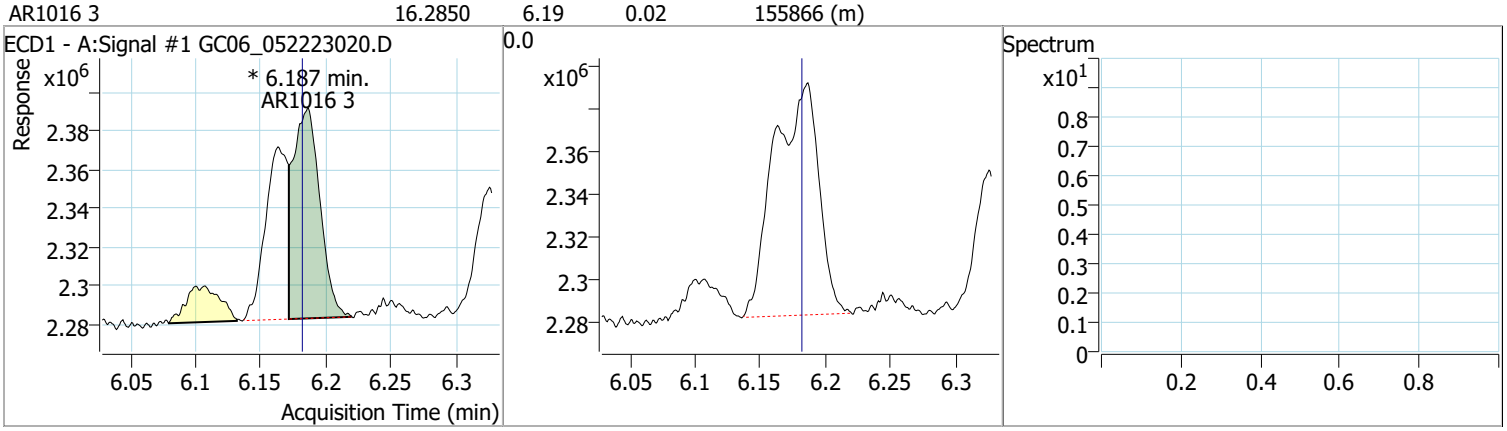
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	15.6669	5.72	0.01	117563				



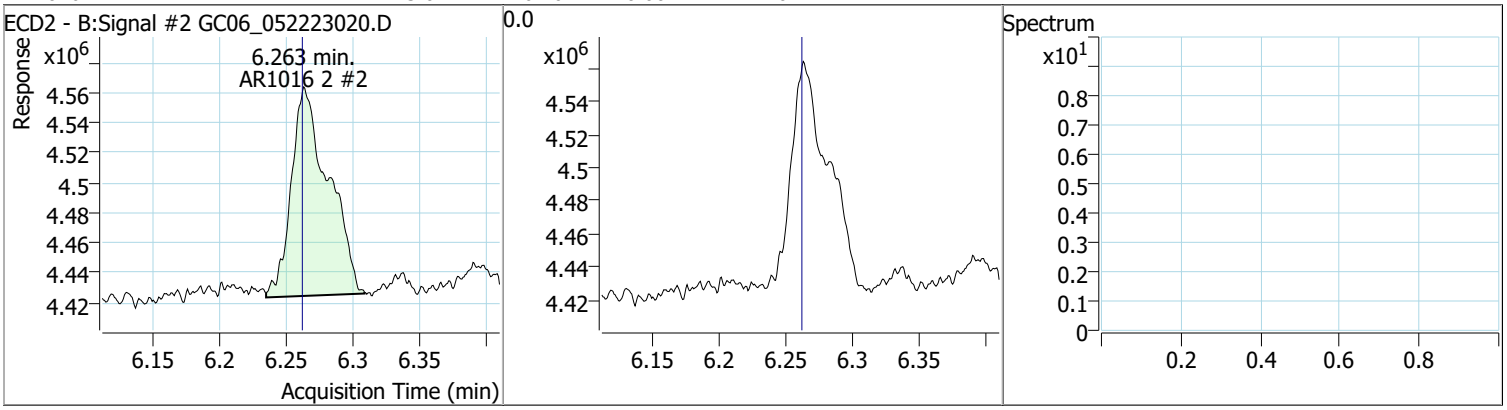
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1 #2	13.8000	5.84	0.00	127310				



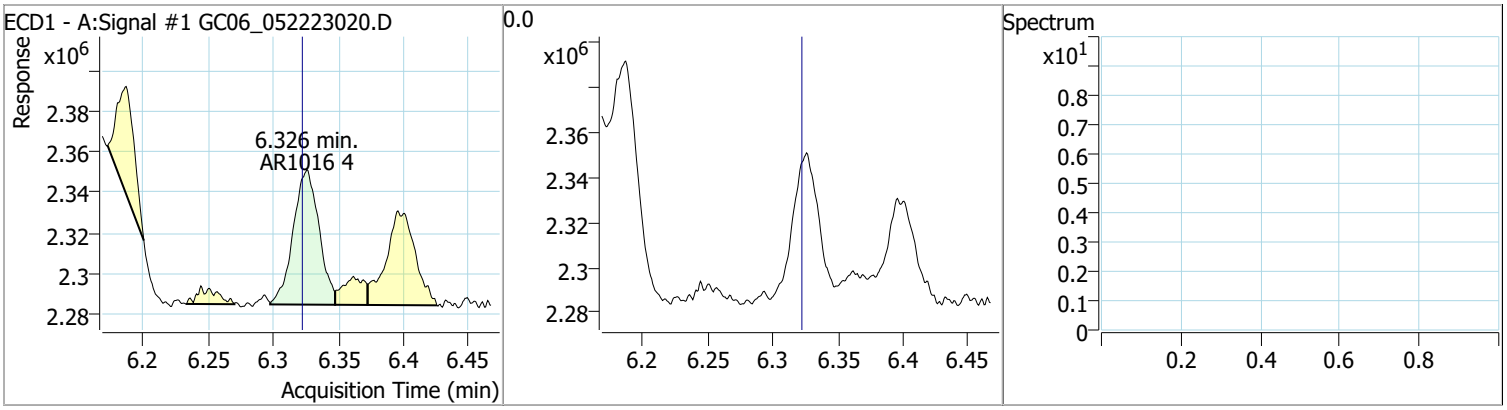
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	16.2850	6.19	0.02	155866 (m)				



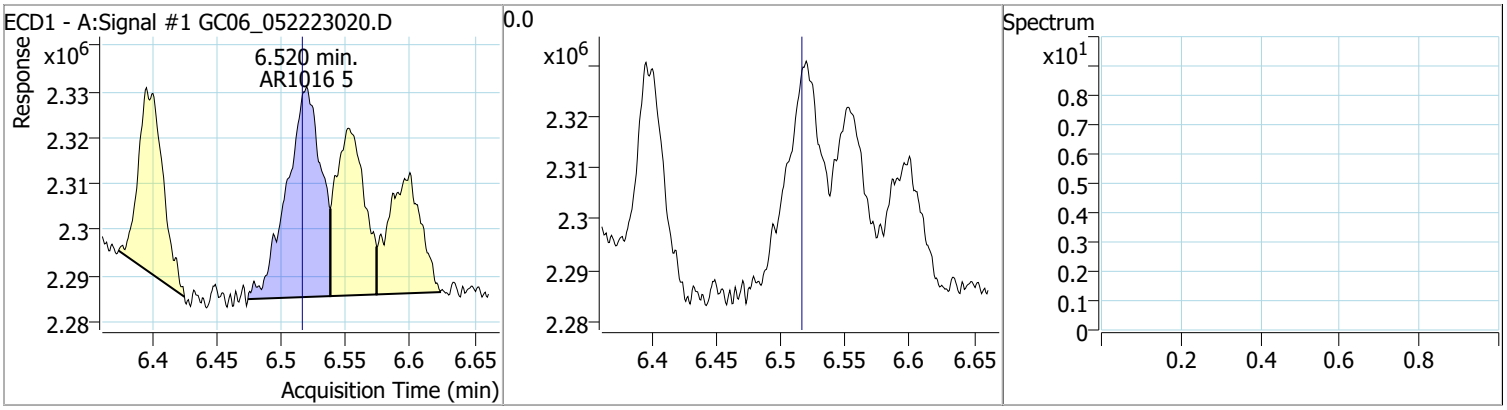
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	13.0744	6.26	0.00	270742				



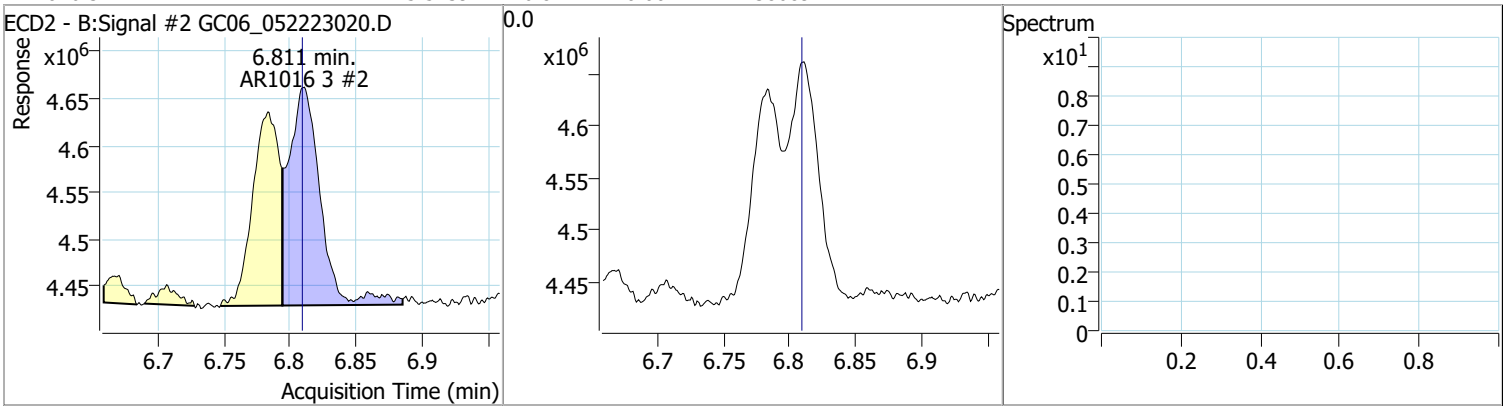
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4	15.5636	6.33	0.02	91737				



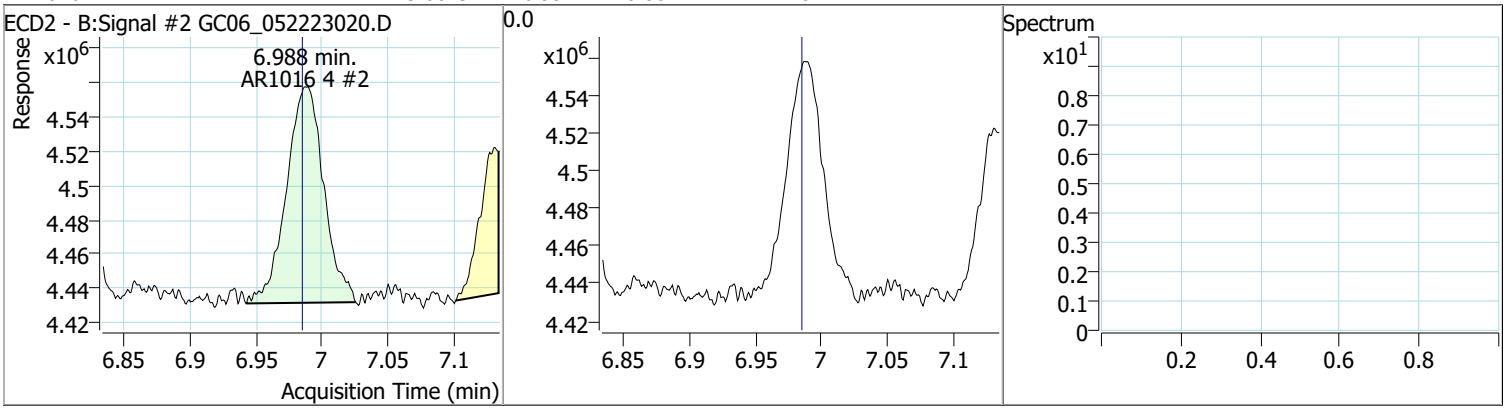
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	19.2055	6.52	0.02	84019				



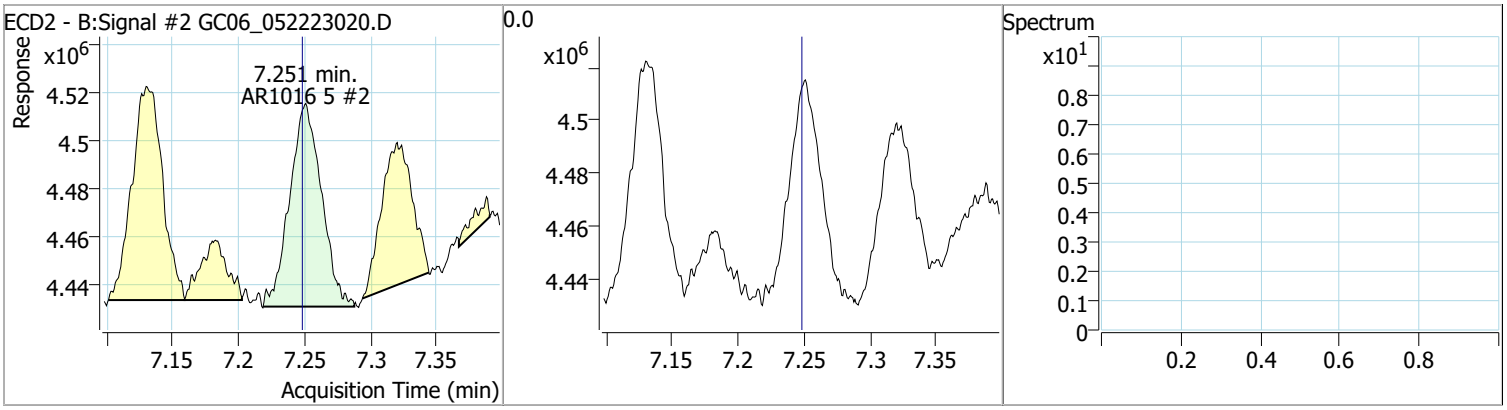
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	15.5439	6.81	0.00	386894				



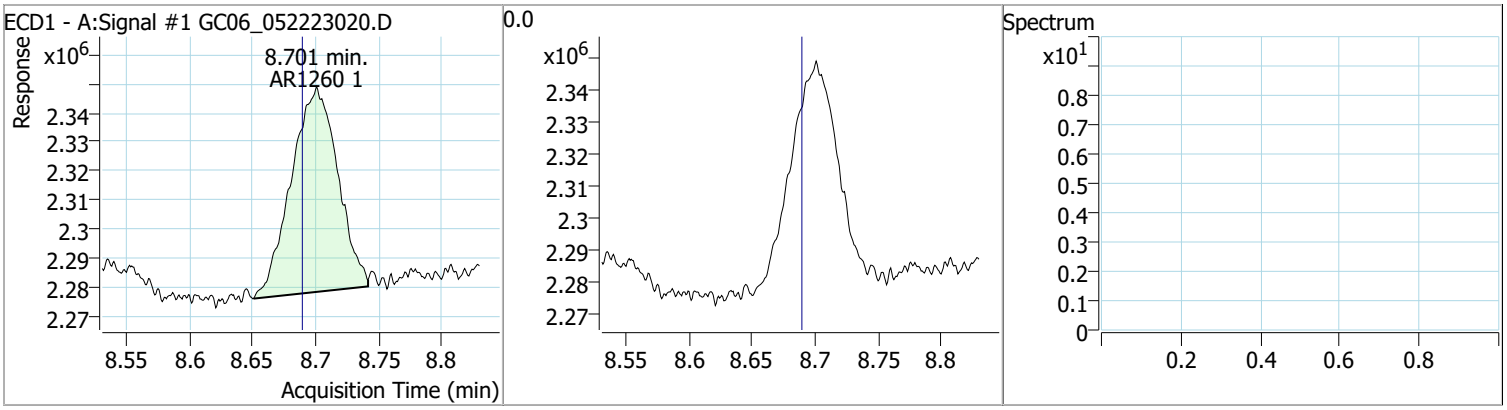
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4 #2	13.8049	6.99	0.00	247754				



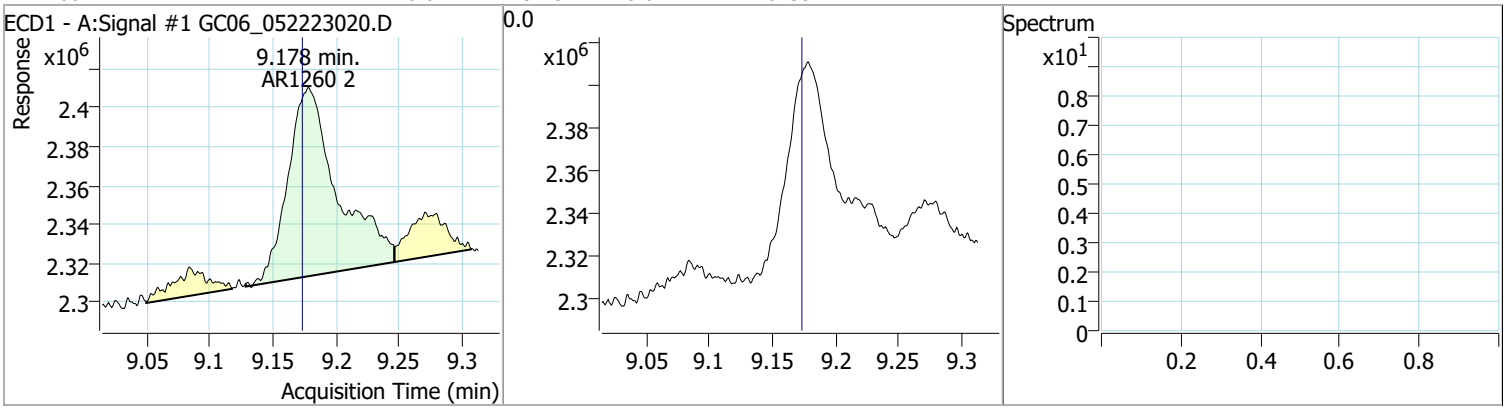
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	14.1157	7.25	0.00	141833				



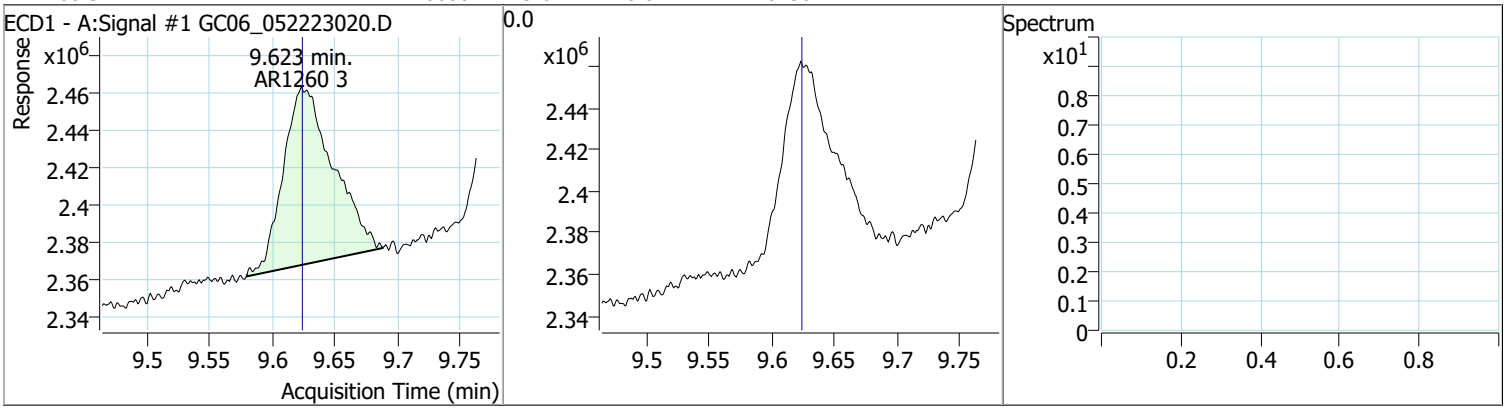
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	16.5041	8.70	0.03	181061				



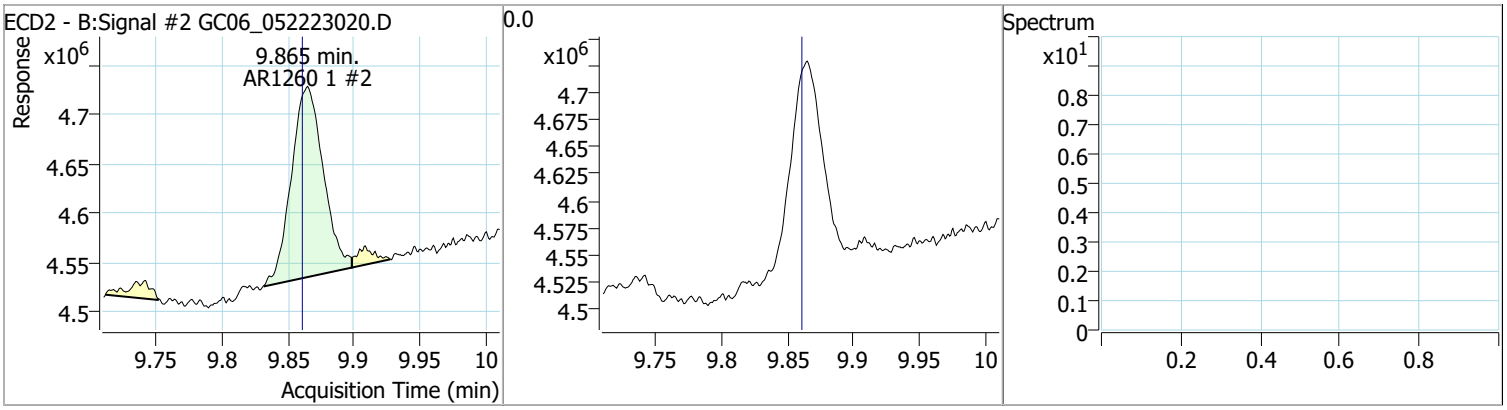
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	16.0212	9.18	0.02	267357				



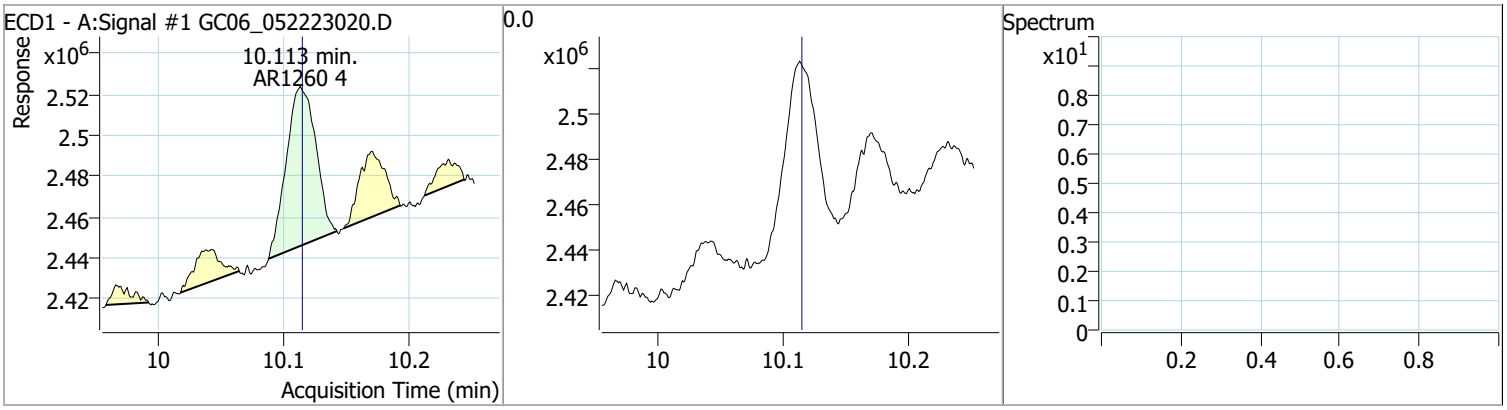
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3	14.6680	9.62	0.02	262364				



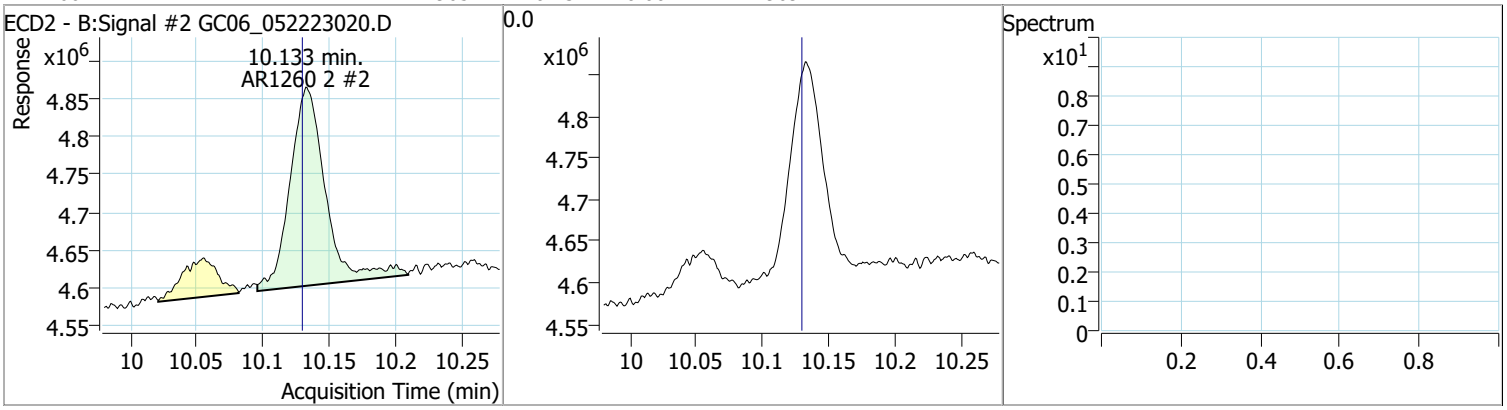
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1 #2	12.9688	9.87	0.00	325693				



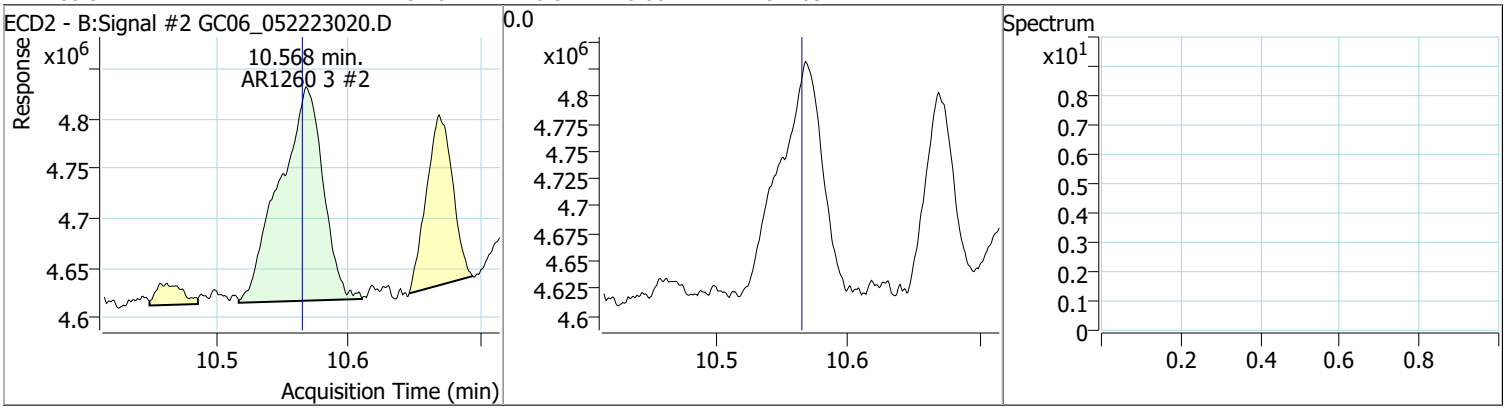
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4	13.1049	10.11	0.02	128136				



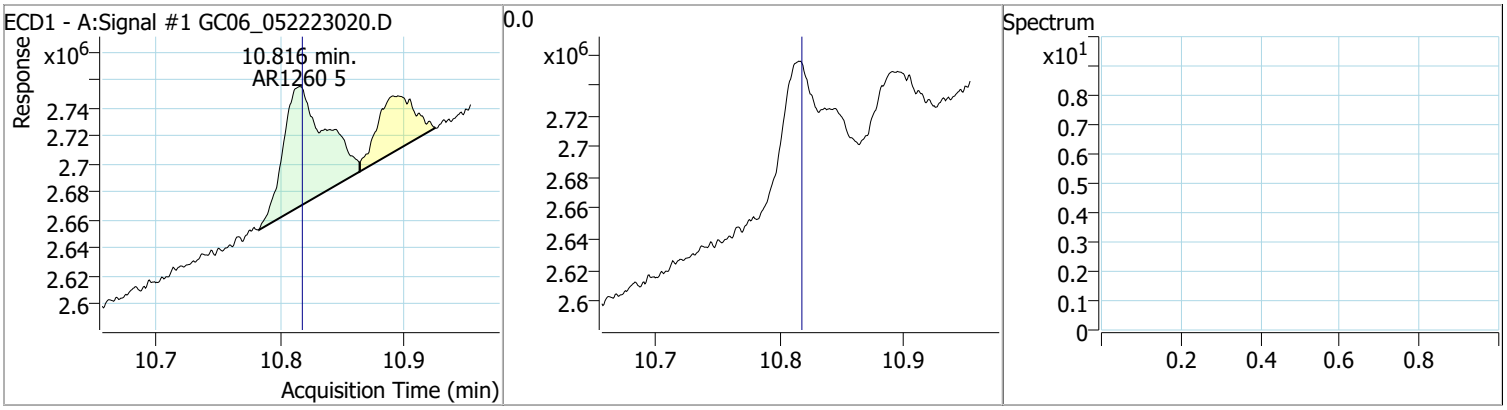
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	17.2965	10.13	0.00	490944				



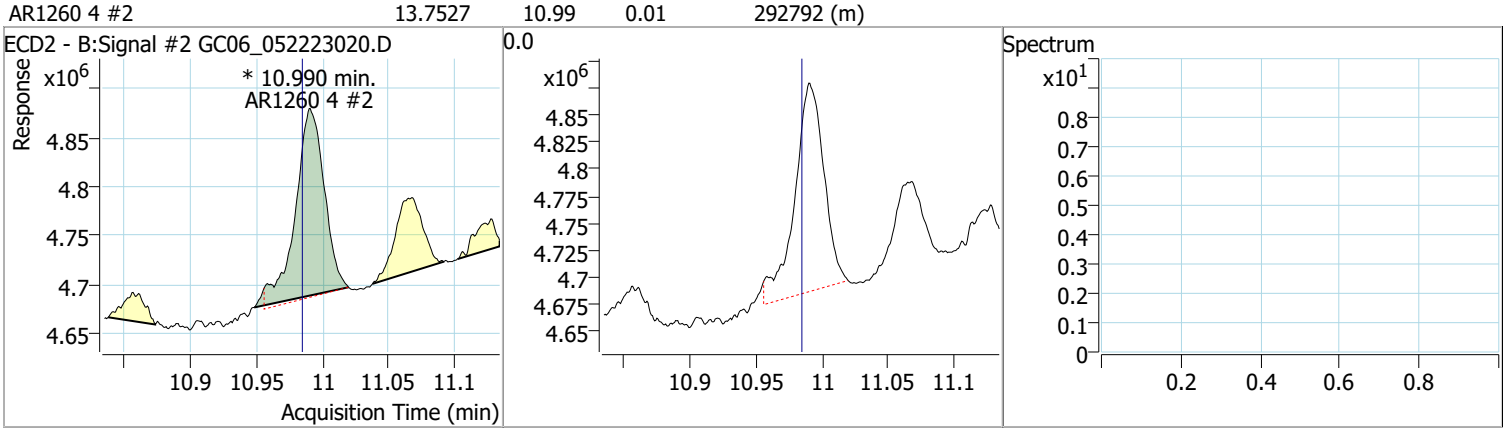
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3 #2	13.4841	10.57	0.00	491203				



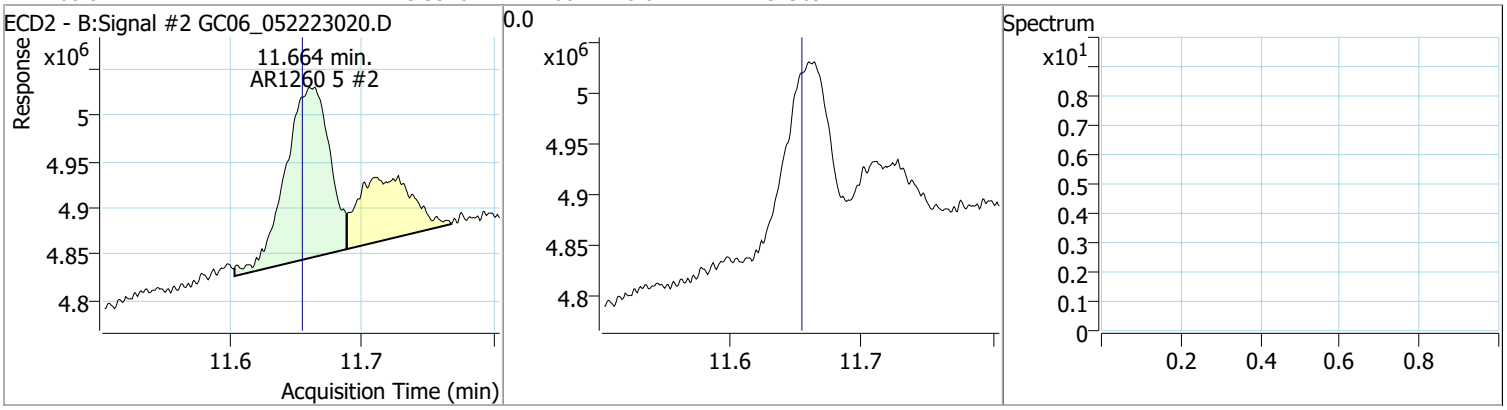
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	12.8466	10.82	0.02	204319				



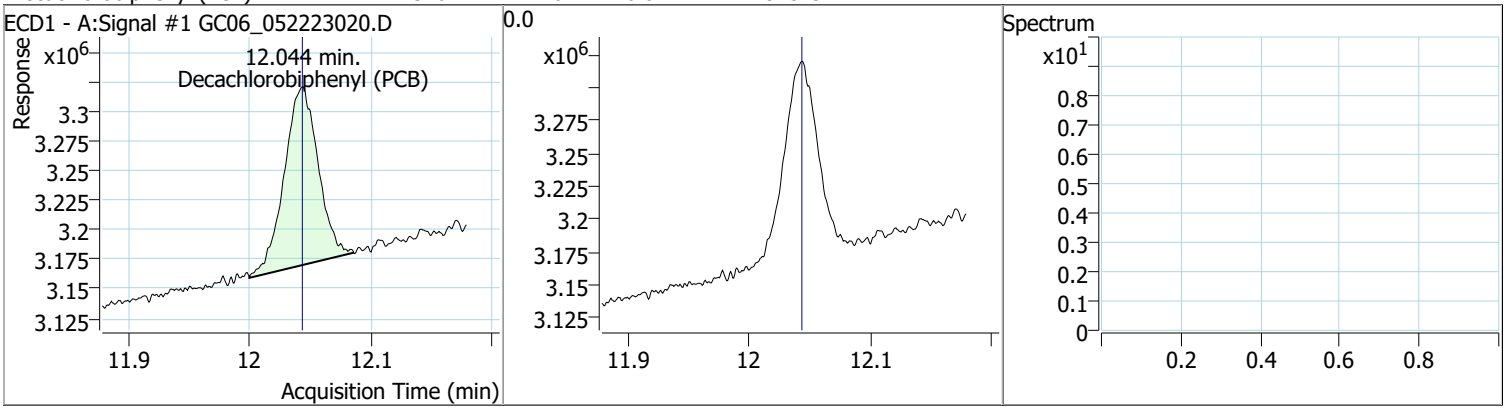
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	13.7527	10.99	0.01	292792 (m)				



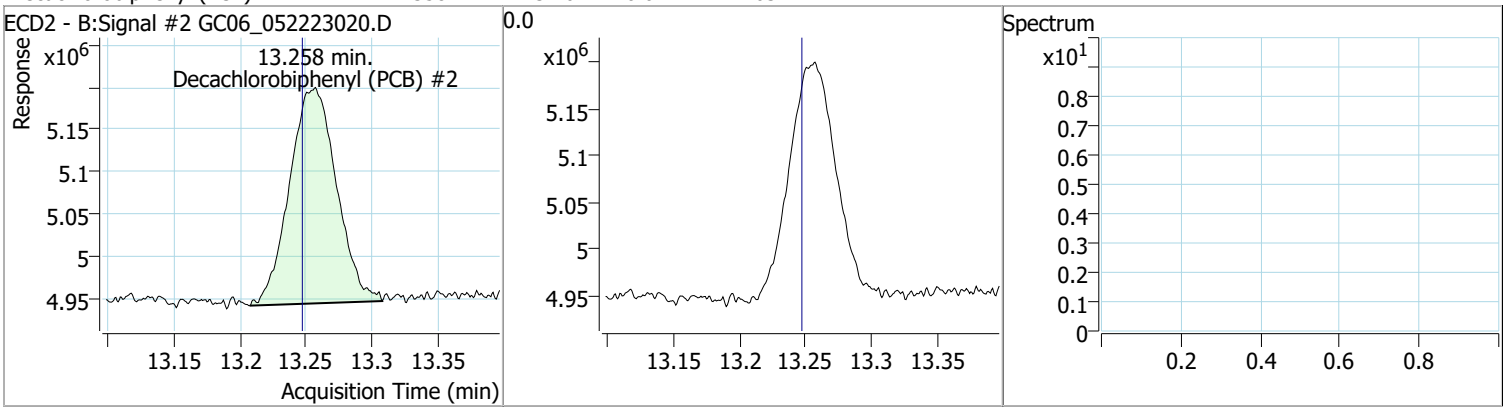
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	13.9975	11.66	0.01	432969				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	1.3267	12.04	0.02	291519				

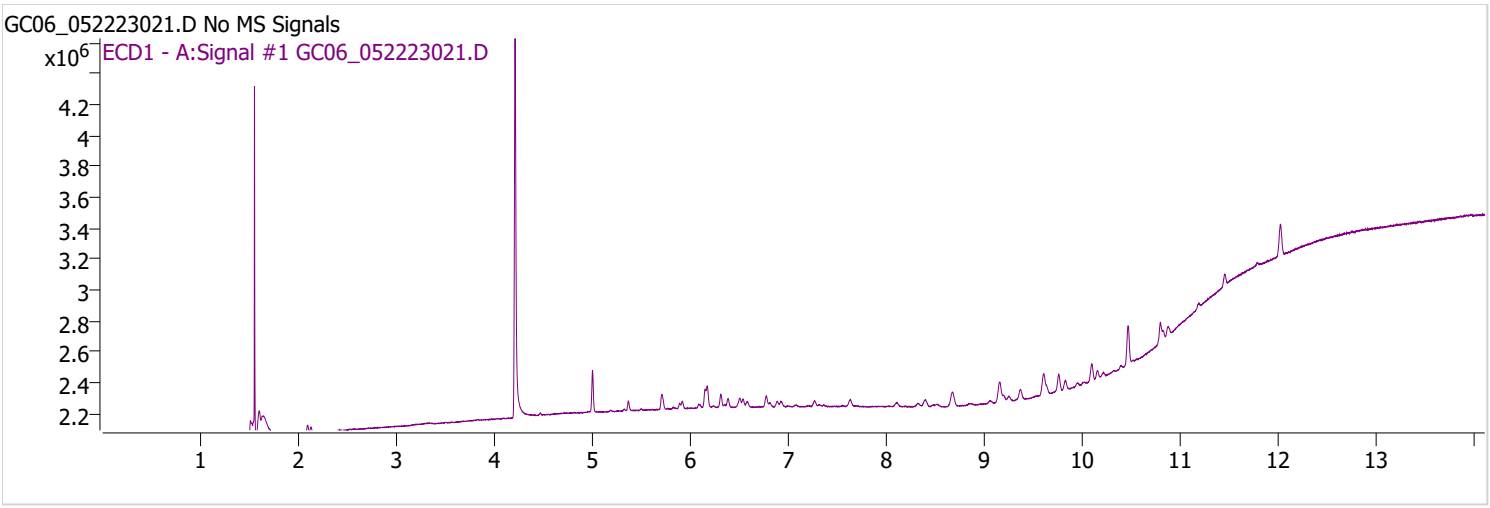


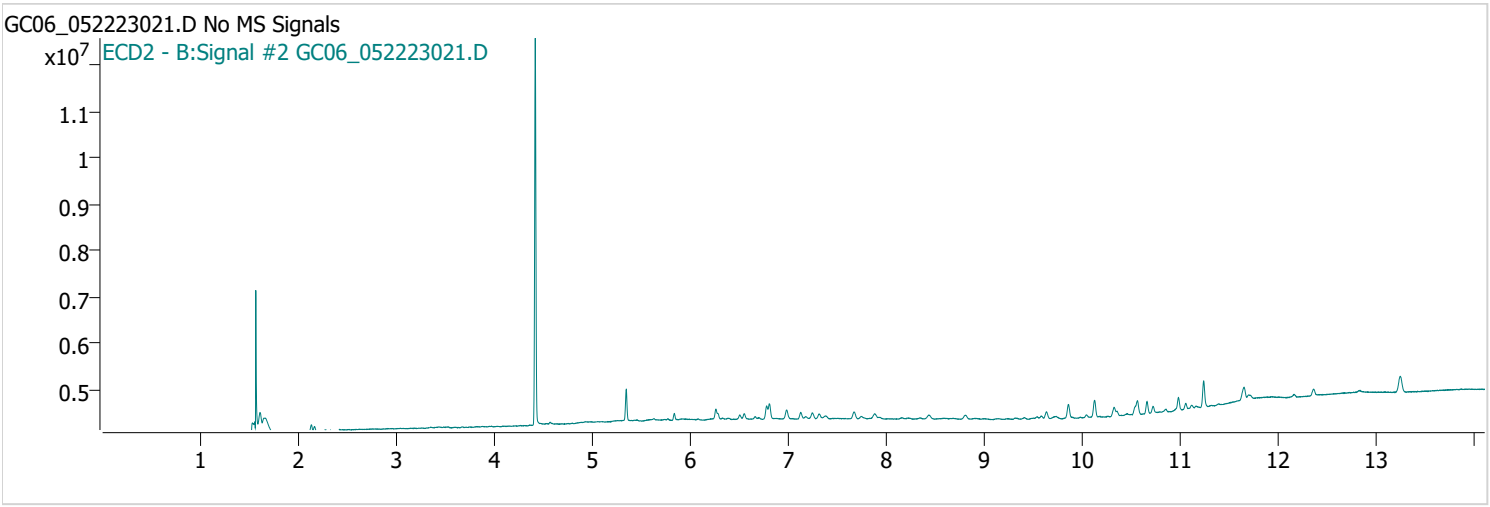
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	1.3581	13.26	0.01	632444				



Quantitation Results Report (Not Reviewed)

Data File	GC06_052223021.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	5/22/2023 8:24:57 PM
Sample Name	ICAL, S18180	Instrument	SVOA-GC06
Vial	12	Multiplier	1.00
DA Method File	PCB_608_052223_GC06_1.m	Comment	
Tune File	ATUNE.U	Tune Date	
Batch Name	052223PCBICAL.batch.bin	Last Calib Update	5/23/2023 1:35:07 PM
Ref Library			



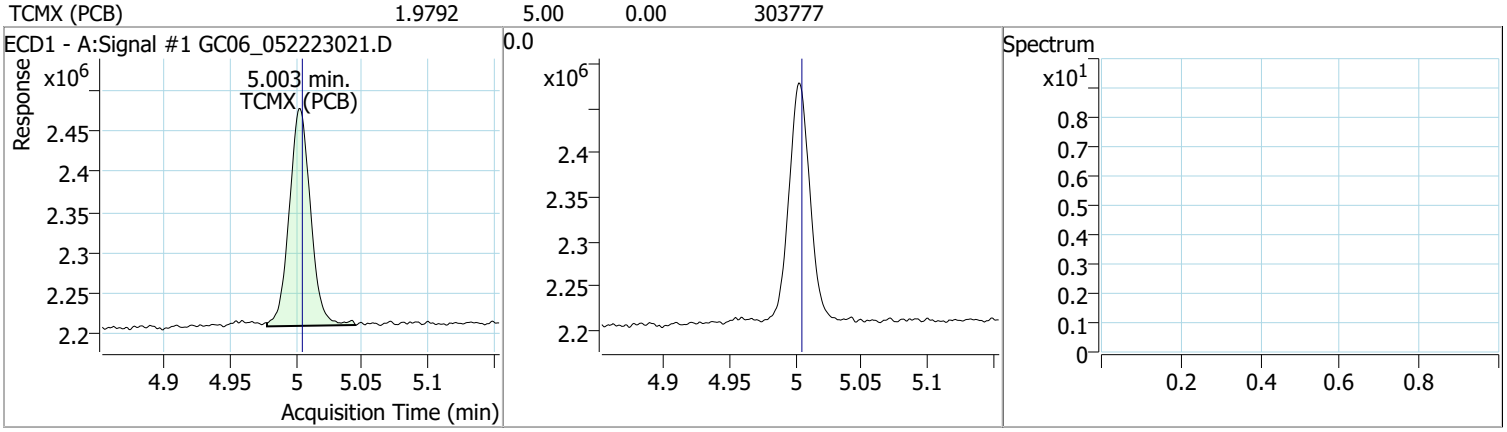


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1-bromo-2-nitrobenzene (PCB)	4.213	0.0	2895344.441	20.0000	ng/ml		0.003
M 1-bromo-2-nitrobenzene (PCB) #2	4.418	0.0	7570414.192	20.0000	ng/ml		0.000
System Monitoring Compounds							
S TCMX (PCB)	5.003	0.0	303777.472	1.9792	ng/ml		0.002
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 9.90%		*	
S TCMX (PCB) #2	5.348	0.0	764383.122	1.9089	ng/ml		0.000
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 9.54%		*	
S Decachlorobiphenyl (PCB)	12.029	0.0	408400.785	2.1312	ng/ml		0.008
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 10.66%		*	
S Decachlorobiphenyl (PCB) #2	13.253	0.0	844002.434	2.1227	ng/ml		0.005
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 10.61%		*	
Target Compounds							**QValue**
T AR1016 1	5.368	0.0	79790.931	24.8987	ng/ml	m	100
T AR1016 2	5.711	0.0	163841.543	25.0351	ng/ml		100
T AR1016 1 #2	5.838	0.0	174515.852	22.1550	ng/ml		100

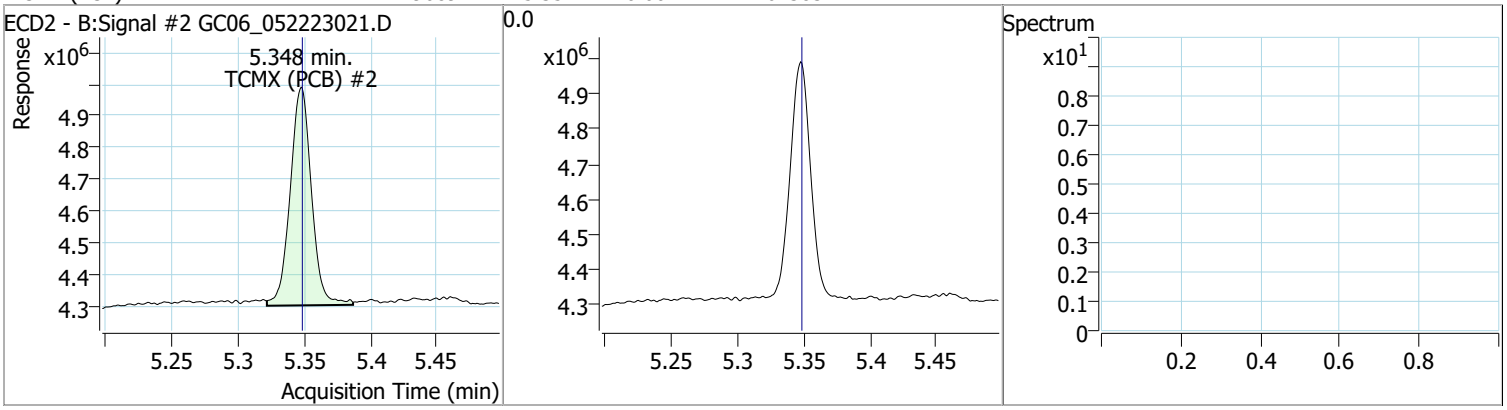
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T AR1016 3	6.175	0.0	220523.220	26.4181	ng/ml		100
T AR1016 2 #2	6.263	0.0	477082.623	26.9823	ng/ml		100
T AR1016 4	6.313	0.0	128324.919	24.9627	ng/ml		100
T AR1016 5	6.507	0.0	115071.070	30.1596	ng/ml		100
T AR1016 3 #2	6.808	0.0	548224.081	25.7956	ng/ml		100
T AR1016 4 #2	6.985	0.0	350067.342	22.8447	ng/ml		100
T AR1016 5 #2	7.247	0.0	236355.630	27.5495	ng/ml		100
T AR1260 1	8.677	0.0	246324.631	25.7447	ng/ml		100
T AR1260 2	9.161	0.0	374573.756	25.7367	ng/ml		100
T AR1260 3	9.611	0.0	373137.702	23.9193	ng/ml		100
T AR1260 1 #2	9.863	0.0	546442.383	25.4834	ng/ml		100
T AR1260 4	10.101	0.0	185605.908	21.7654	ng/ml		100
T AR1260 2 #2	10.130	0.0	621546.504	25.6460	ng/ml		100
T AR1260 3 #2	10.568	0.0	729683.927	23.4593	ng/ml		100
T AR1260 5	10.803	0.0	273678.565	19.7302	ng/ml		100
T AR1260 4 #2	10.987	0.0	398783.981	21.9375	ng/ml	m	100
T AR1260 5 #2	11.657	0.0	651340.206	24.6617	ng/ml		100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

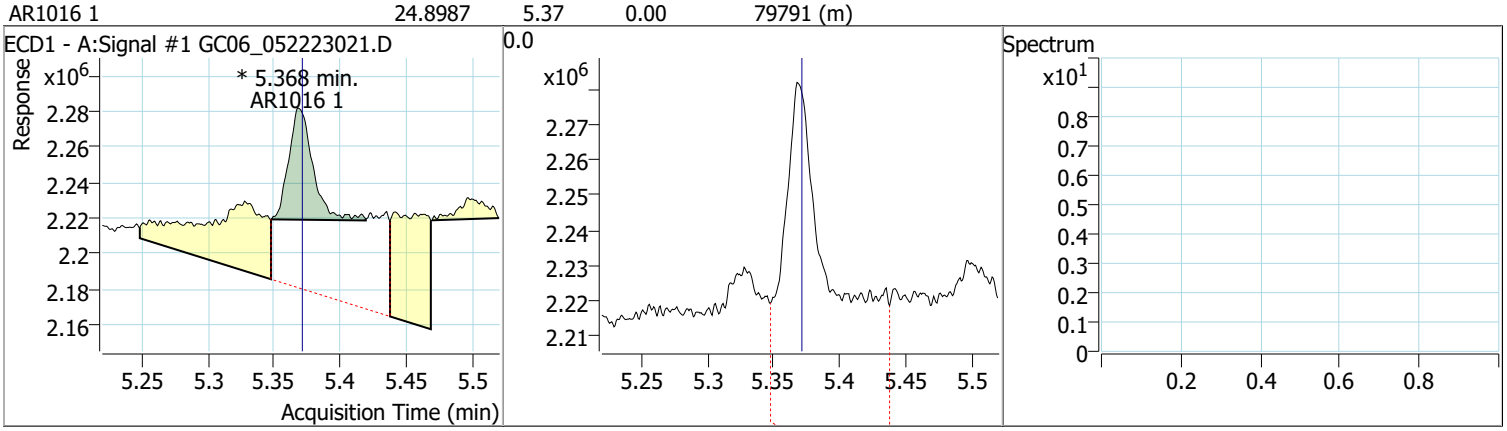
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	1.9792	5.00	0.00	303777				



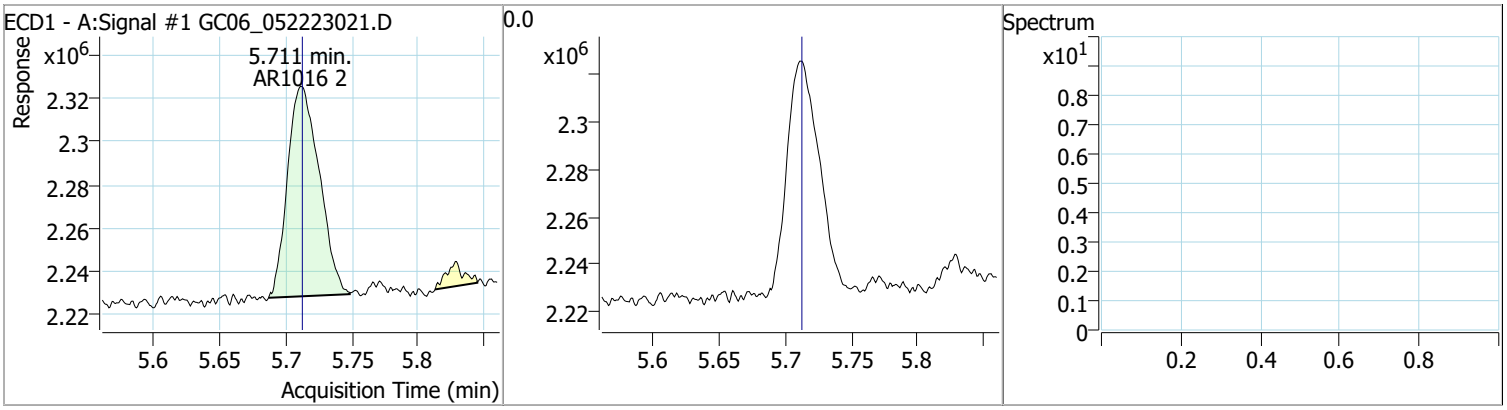
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB) #2	1.9089	5.35	0.00	764383				



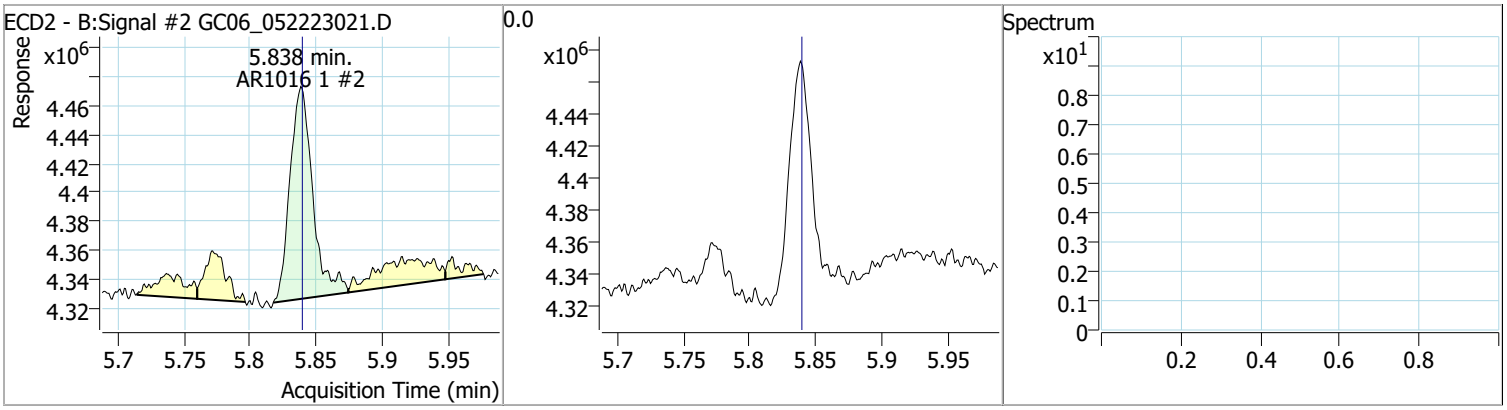
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	24.8987	5.37	0.00	79791 (m)				



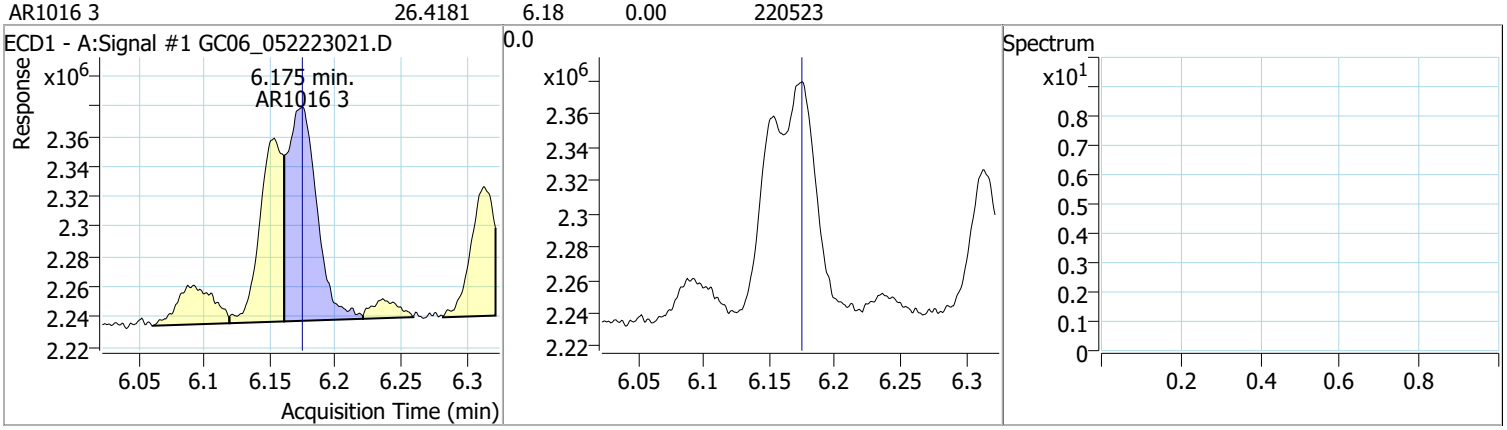
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	25.0351	5.71	0.00	163842				



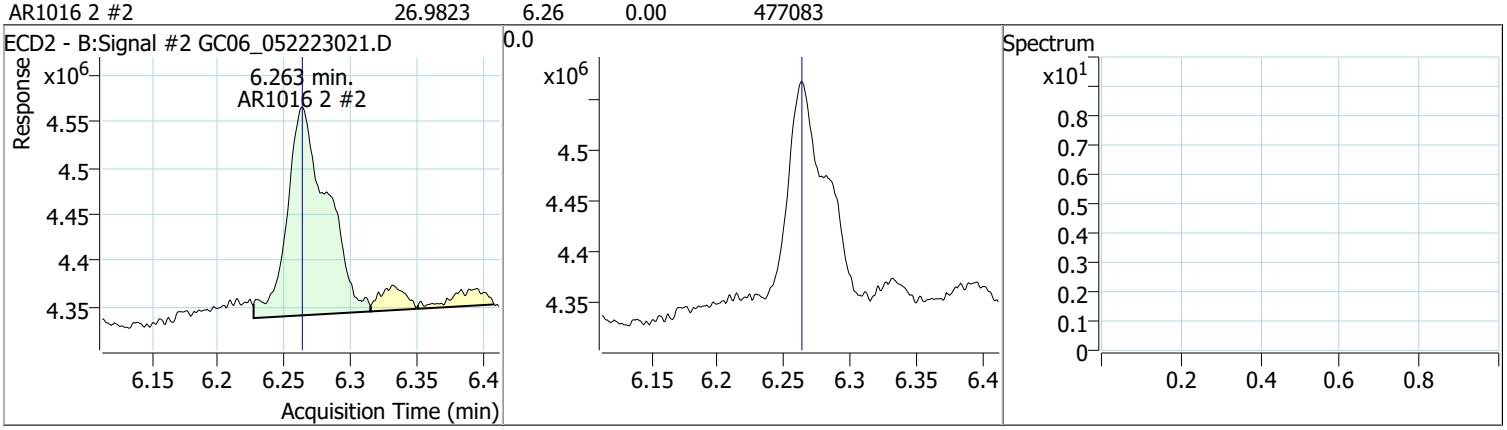
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1 #2	22.1550	5.84	0.00	174516				



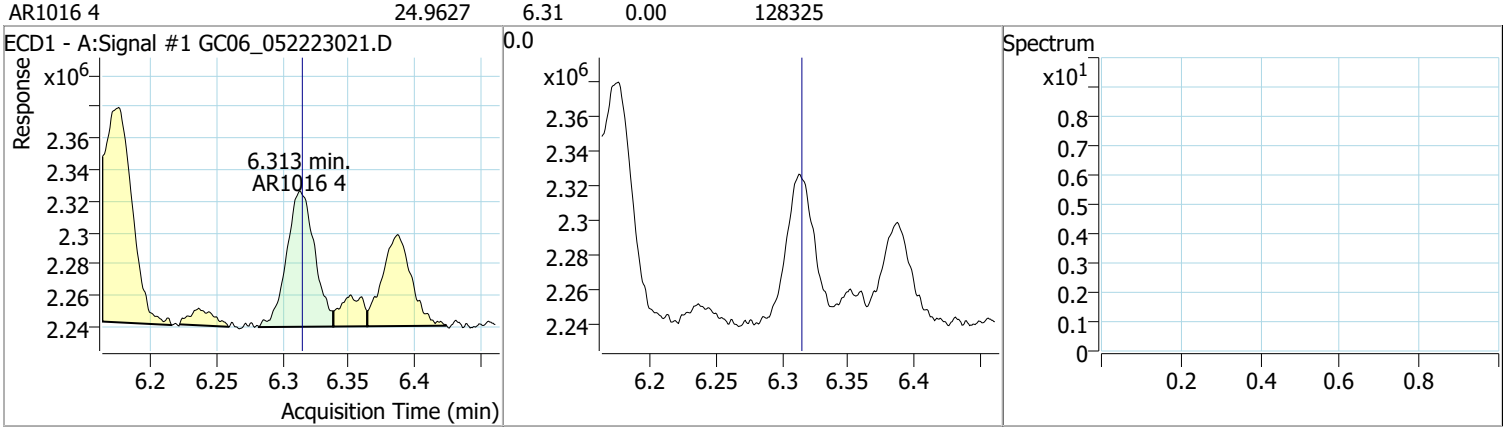
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	26.4181	6.18	0.00	220523				



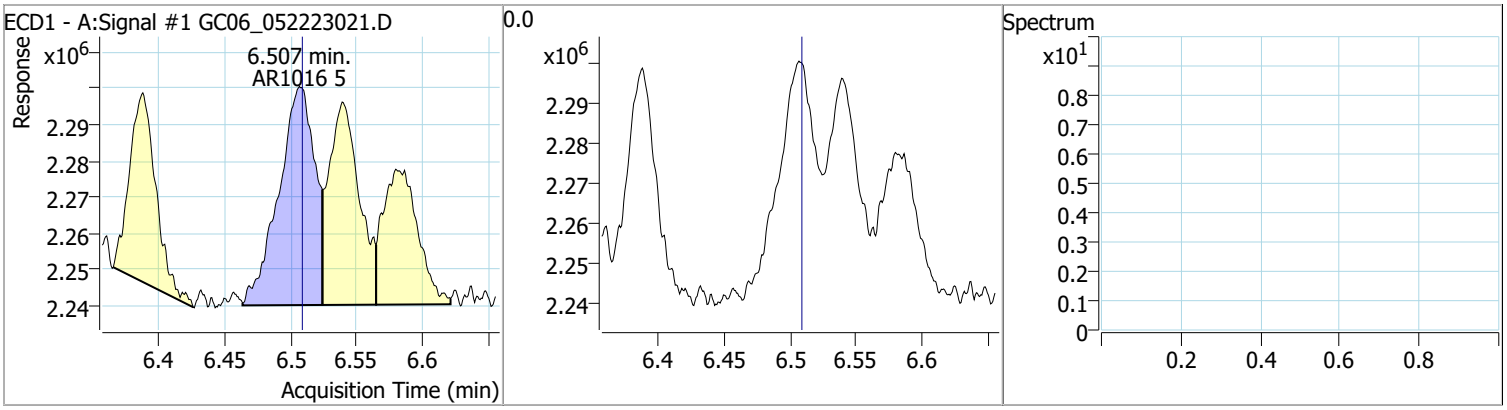
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	26.9823	6.26	0.00	477083				



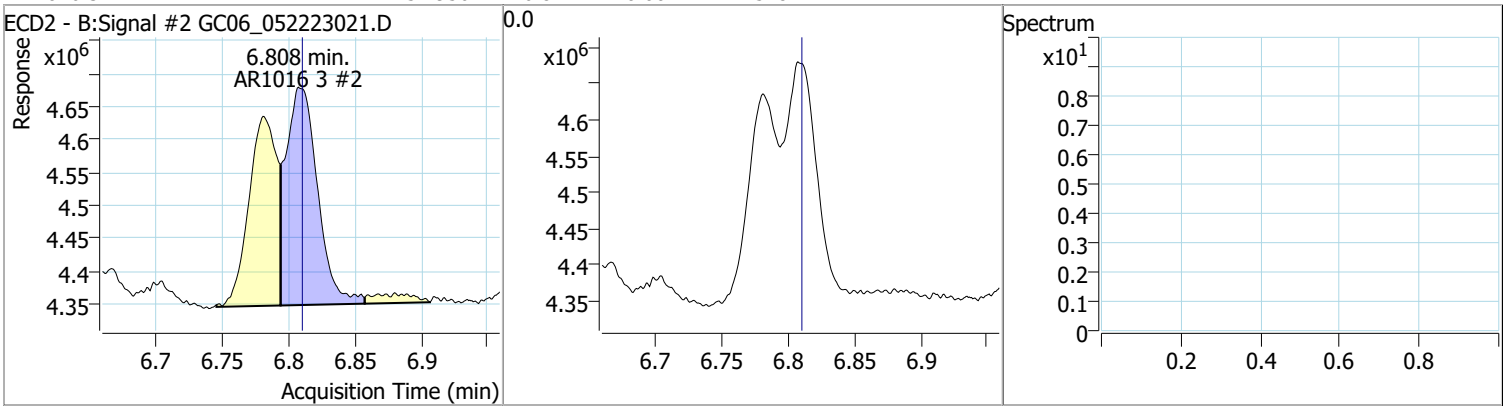
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4	24.9627	6.31	0.00	128325				



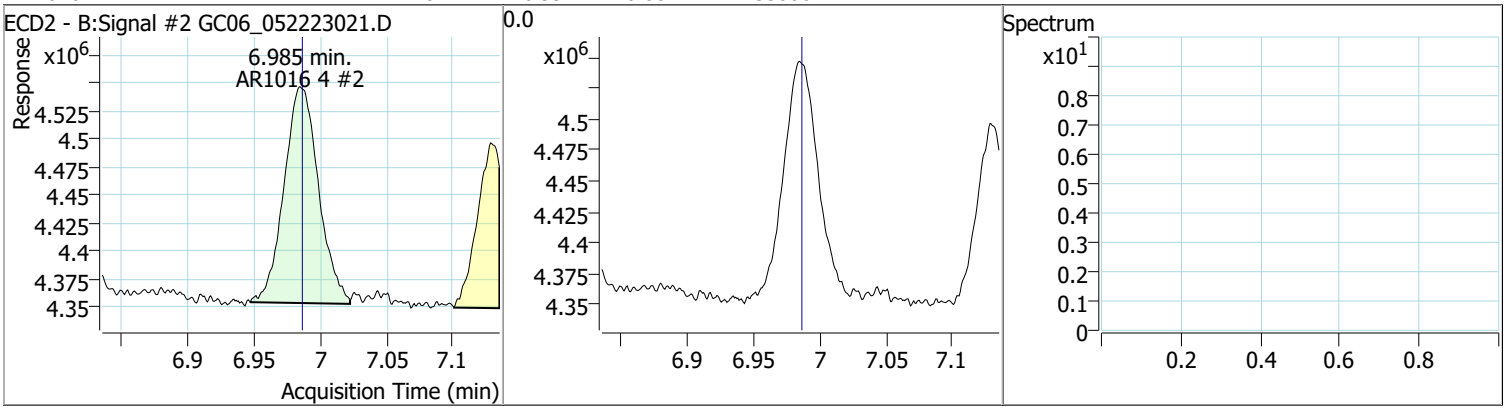
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	30.1596	6.51	0.00	115071				



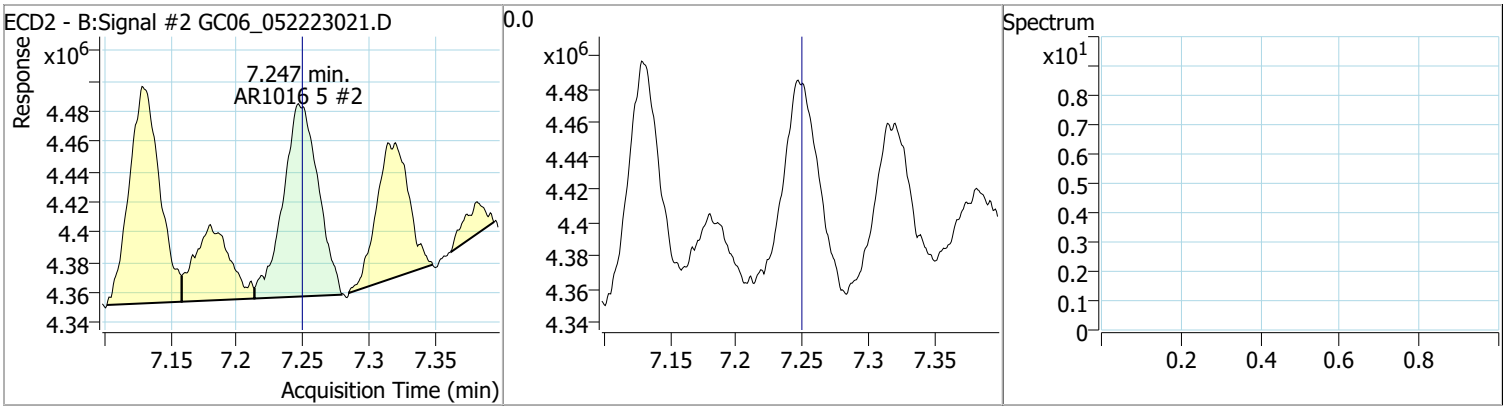
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	25.7956	6.81	0.00	548224				



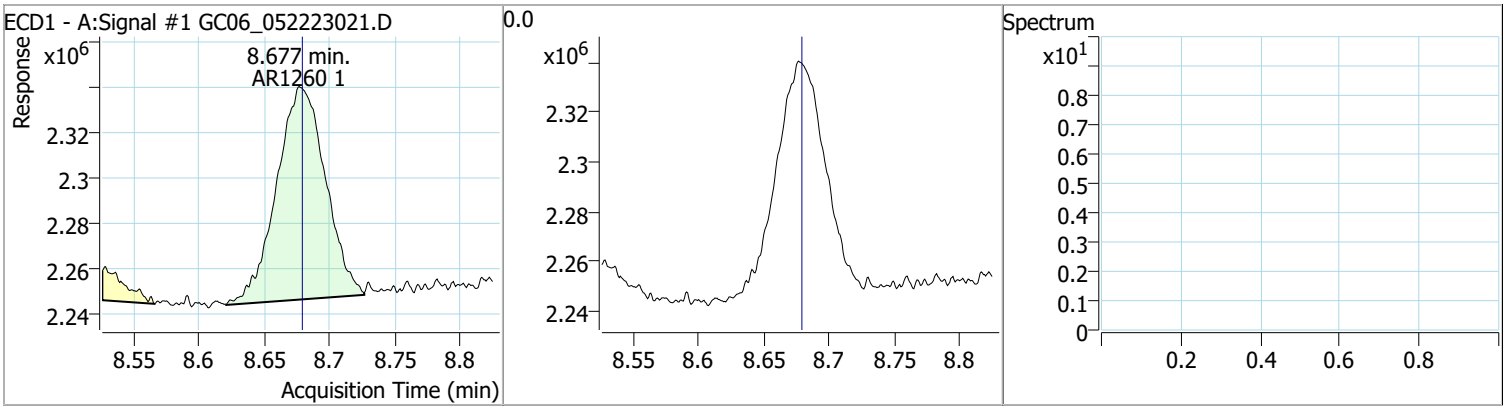
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AR1016 4 #2	22.8447	6.99	0.00	350067				



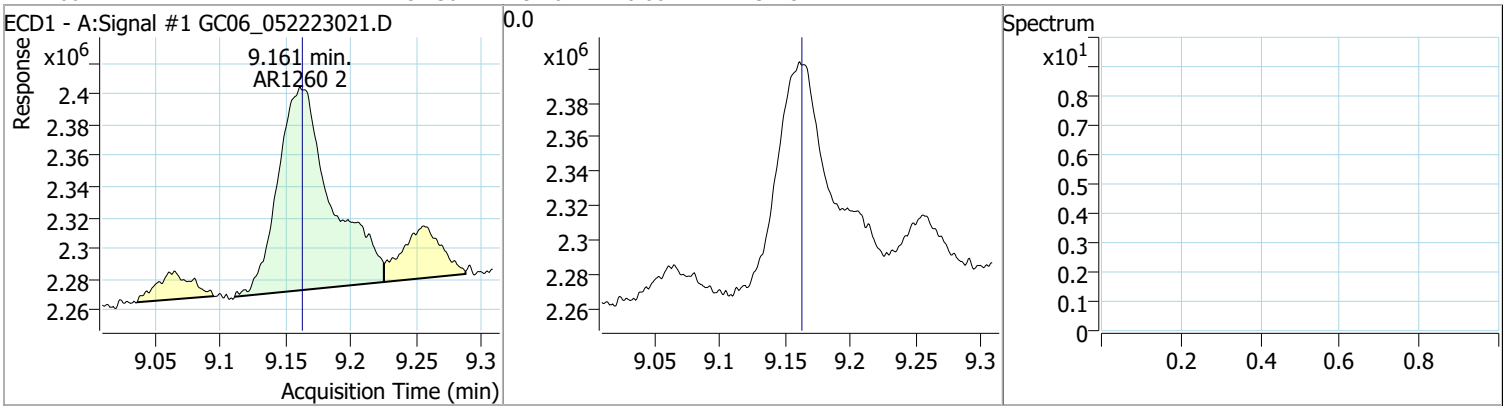
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	27.5495	7.25	0.00	236356				



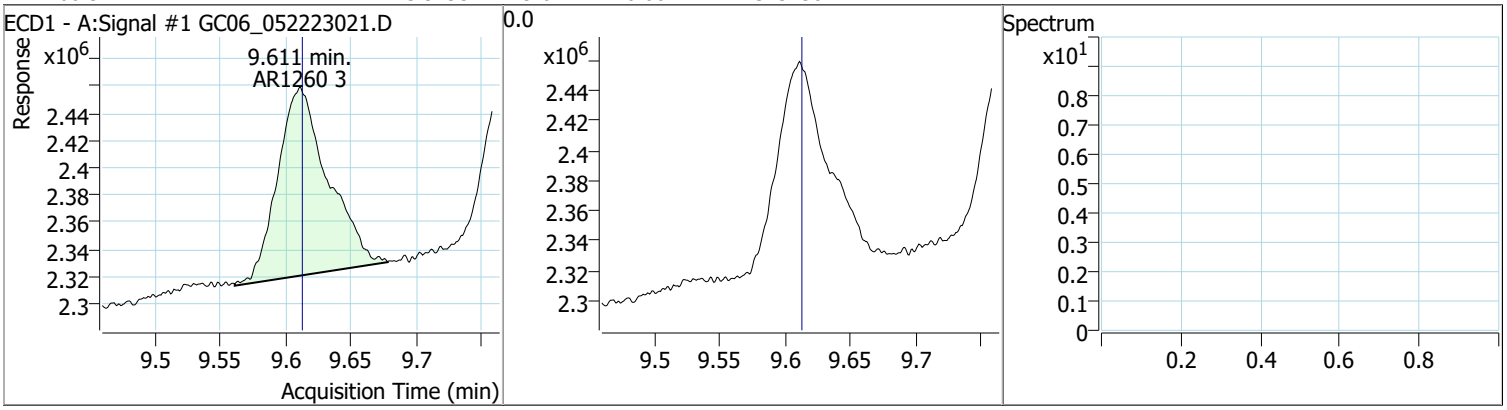
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	25.7447	8.68	0.00	246325				



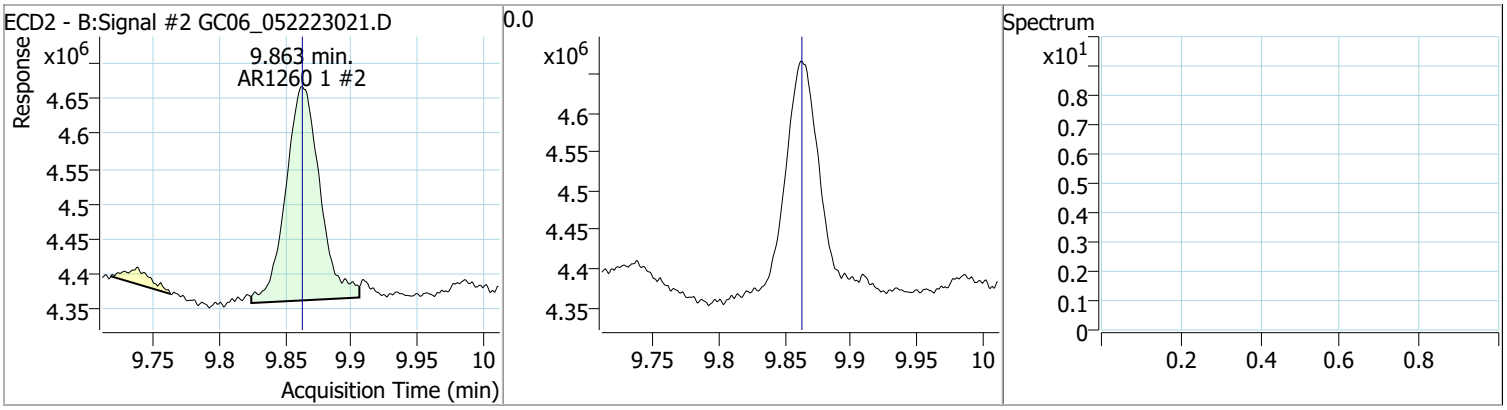
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	25.7367	9.16	0.00	374574				



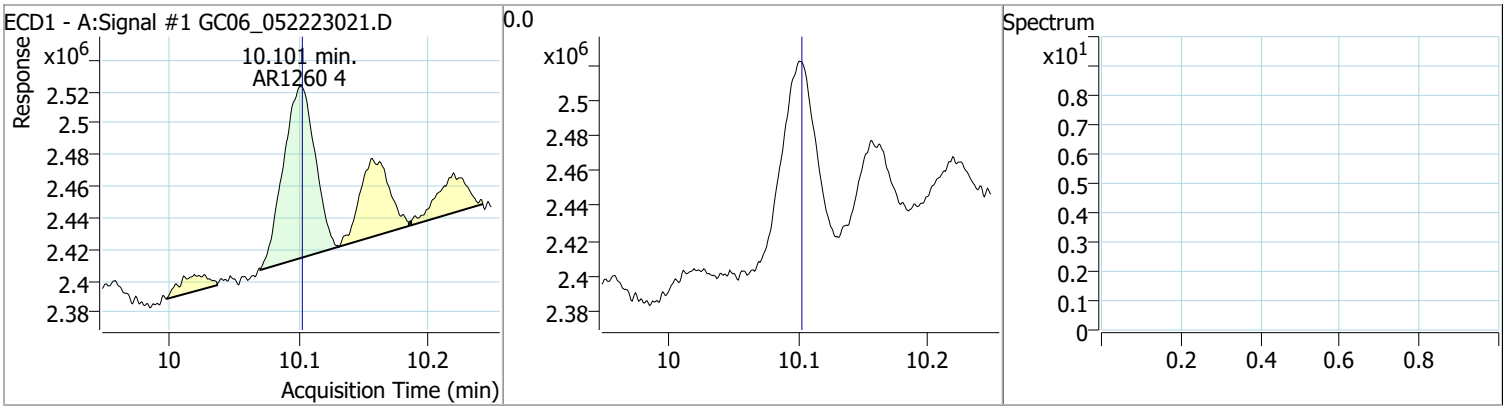
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3	23.9193	9.61	0.00	373138				



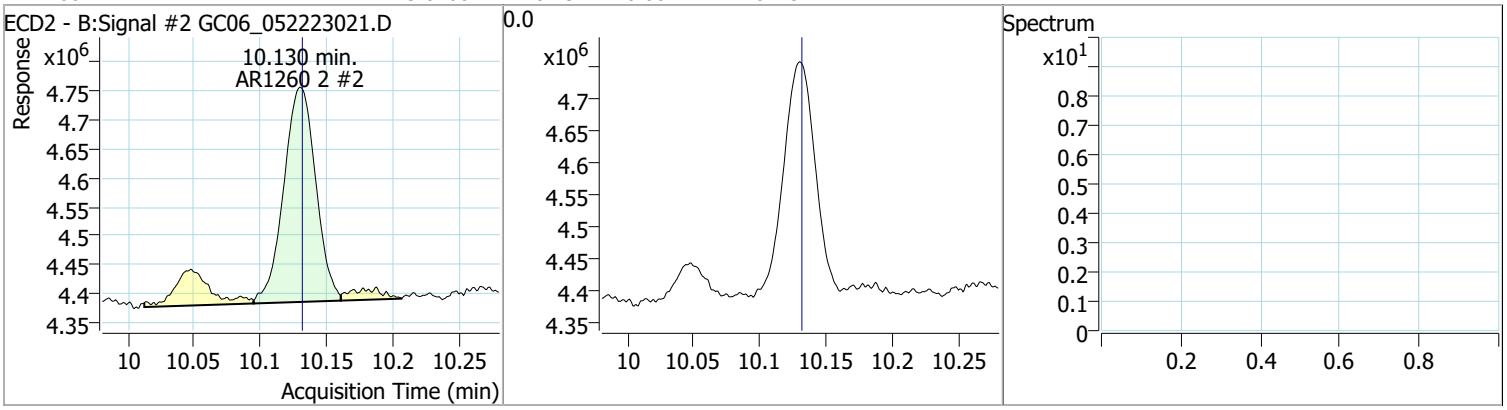
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1 #2	25.4834	9.86	0.00	546442				



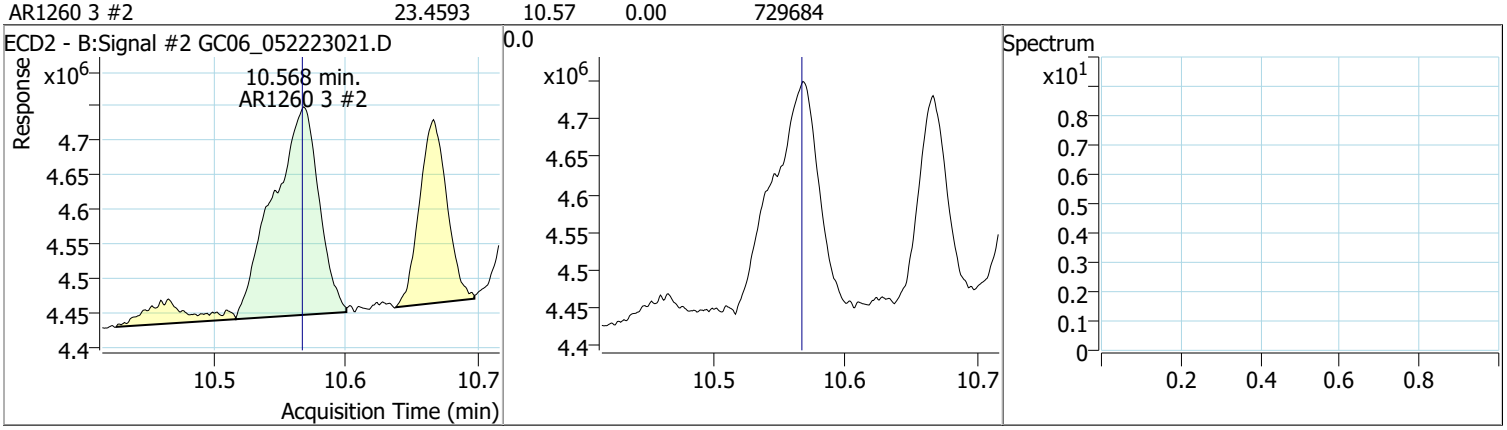
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4	21.7654	10.10	0.00	185606				



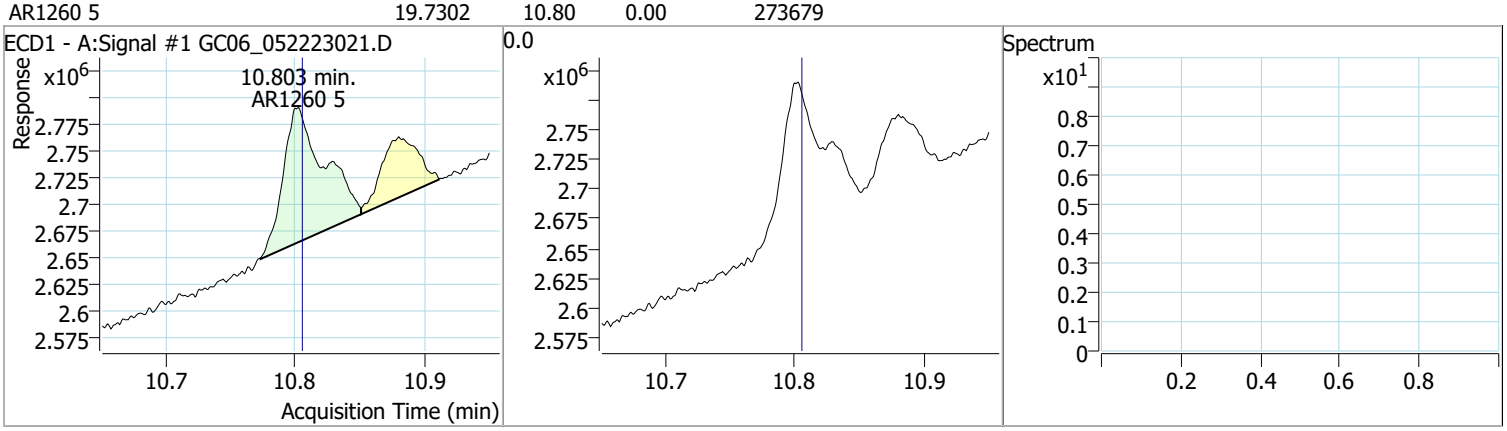
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	25.6460	10.13	0.00	621547				



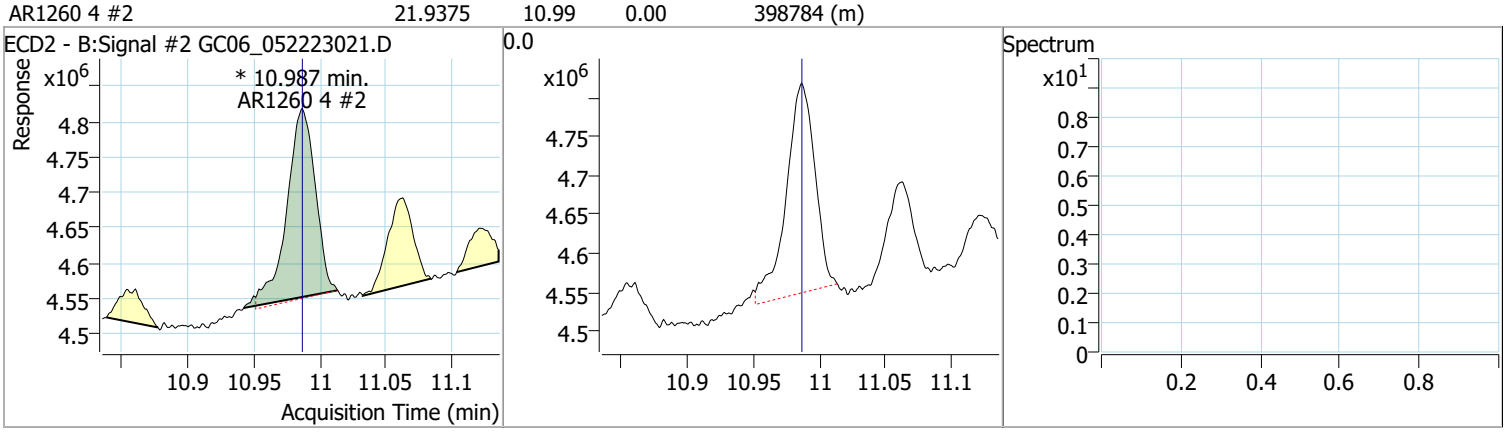
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3 #2	23.4593	10.57	0.00	729684				



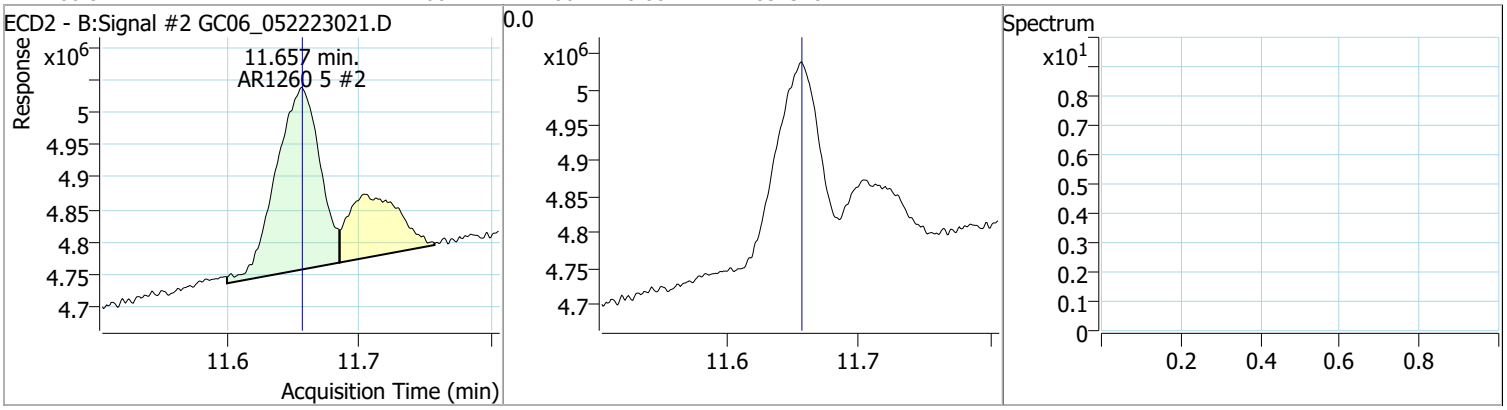
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	19.7302	10.80	0.00	273679				



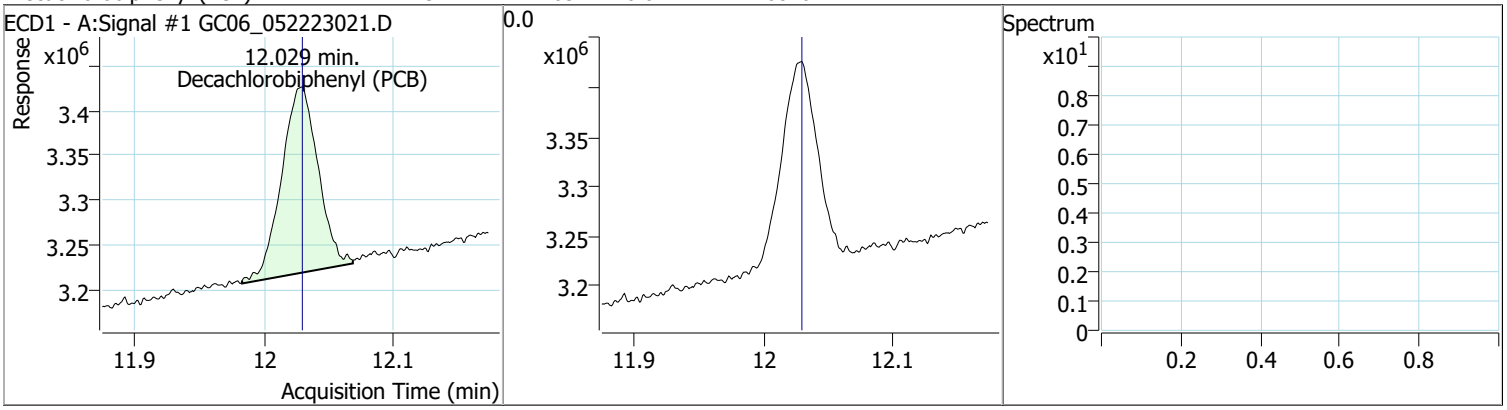
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	21.9375	10.99	0.00	398784 (m)				



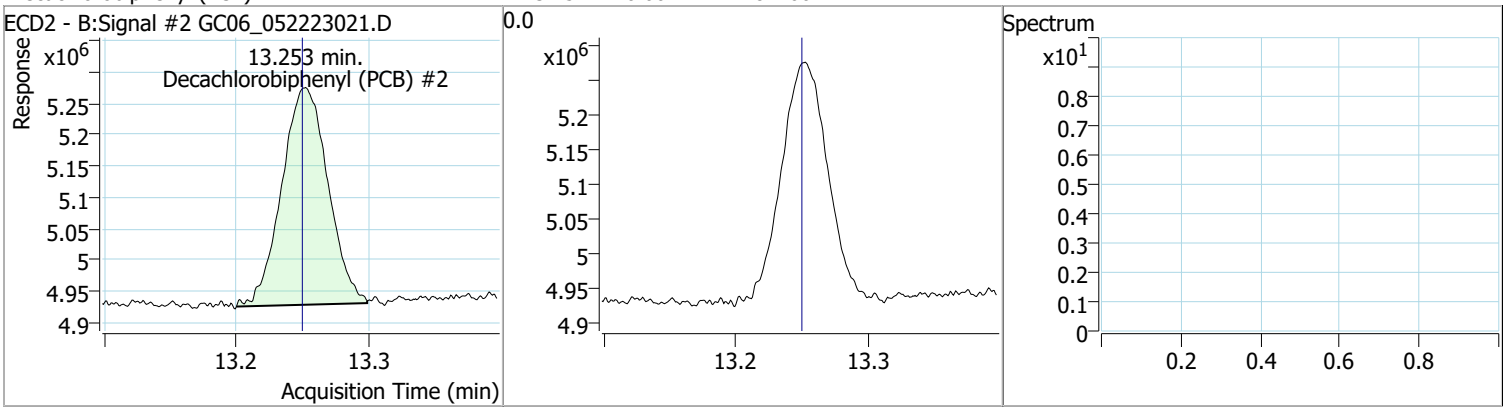
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	24.6617	11.66	0.00	651340				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	2.1312	12.03	0.01	408401				

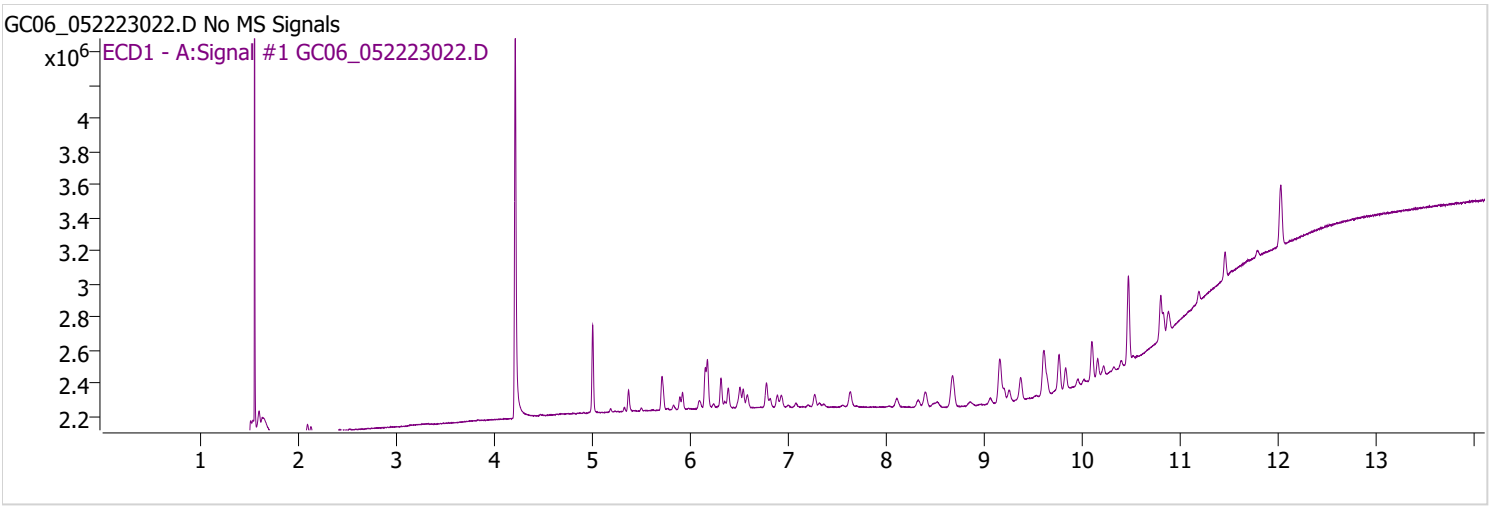


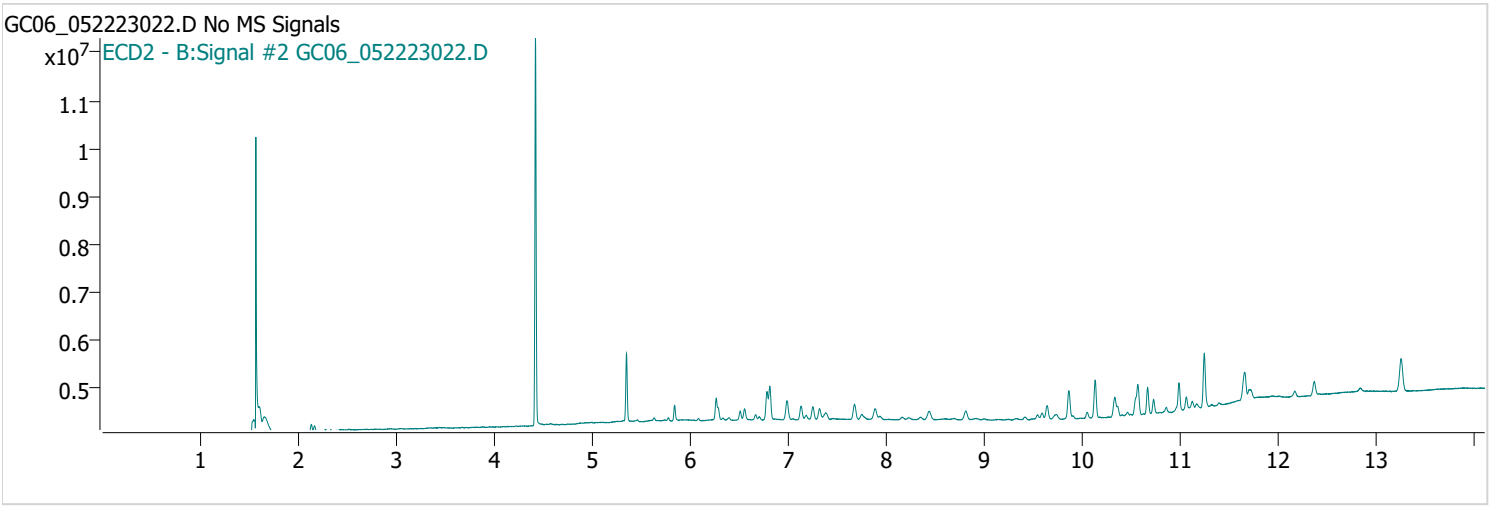
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	2.1227	13.25	0.00	844002				



Quantitation Results Report (Not Reviewed)

Data File	GC06_052223022.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	5/22/2023 8:43:12 PM
Sample Name	ICAL, S18181	Instrument	SVOA-GC06
Vial	13	Multiplier	1.00
DA Method File	PCB_608_052223_GC06_1.m	Comment	
Tune File	ATUNE.U	Tune Date	
Batch Name	052223PCBICAL.batch.bin	Last Calib Update	5/23/2023 1:35:07 PM
Ref Library			



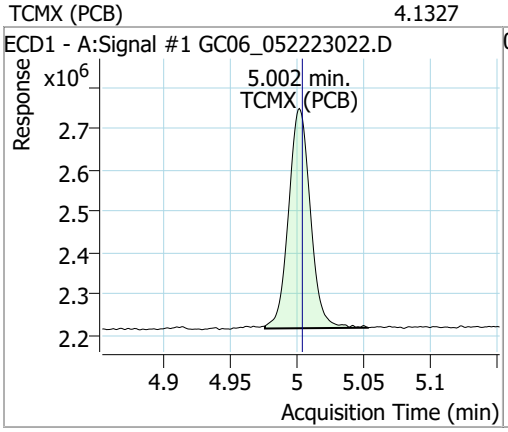


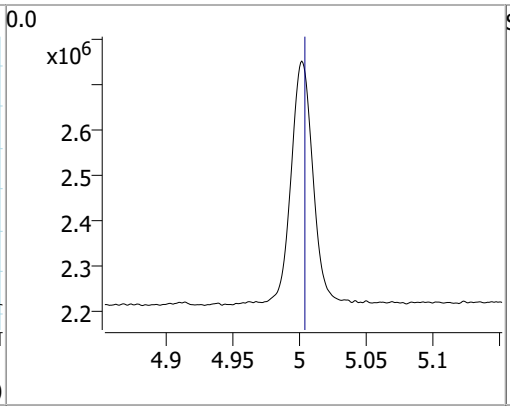
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1-bromo-2-nitrobenzene (PCB)	4.212	0.0	2781470.052	20.0000	ng/ml		0.002
M 1-bromo-2-nitrobenzene (PCB) #2	4.418	0.0	7279227.004	20.0000	ng/ml		0.000
System Monitoring Compounds							
S TCMX (PCB)	5.002	0.0	609354.312	4.1327	ng/ml		0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 20.66%		*	
S TCMX (PCB) #2	5.347	0.0	1550920.509	4.0281	ng/ml		0.000
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 20.14%		*	
S Decachlorobiphenyl (PCB)	12.025	0.0	745781.080	4.0511	ng/ml		0.004
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 20.26%		*	
S Decachlorobiphenyl (PCB) #2	13.251	0.0	1608412.437	4.2070	ng/ml		0.003
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 21.03%		*	
Target Compounds							QValue
T AR1016 1	5.368	0.0	170540.954	55.3958	ng/ml		100

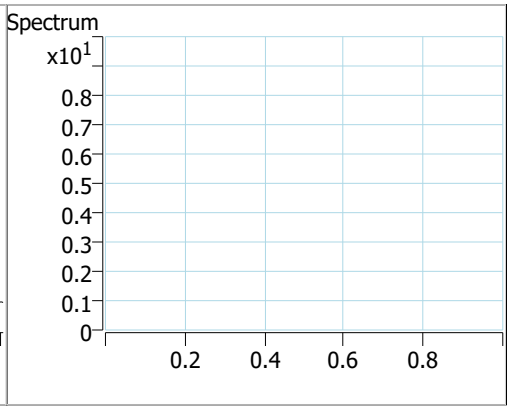
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T AR1016 2	5.710	0.0	360225.003	57.2961	ng/ml		100
T AR1016 1 #2	5.838	0.0	401206.504	52.9711	ng/ml		100
T AR1016 3	6.173	0.0	440222.763	54.8967	ng/ml		100
T AR1016 2 #2	6.263	0.0	916186.565	53.8895	ng/ml		100
T AR1016 4	6.311	0.0	255106.188	51.6567	ng/ml		100
T AR1016 5	6.505	0.0	238869.088	65.1697	ng/ml		100
T AR1016 3 #2	6.809	0.0	1149843.602	56.2678	ng/ml		100
T AR1016 4 #2	6.985	0.0	759546.436	51.5494	ng/ml		100
T AR1016 5 #2	7.249	0.0	438386.305	53.1421	ng/ml		100
T AR1260 1	8.675	0.0	494730.824	53.8238	ng/ml		100
T AR1260 2	9.157	0.0	759997.467	54.3568	ng/ml		100
T AR1260 3	9.608	0.0	748707.497	49.9593	ng/ml		100
T AR1260 1 #2	9.861	0.0	1076849.307	52.2279	ng/ml		100
T AR1260 4	10.096	0.0	412655.823	50.3719	ng/ml		100
T AR1260 2 #2	10.129	0.0	1265019.653	54.2847	ng/ml		100
T AR1260 3 #2	10.566	0.0	1471627.934	49.2054	ng/ml		100
T AR1260 5	10.800	0.0	608490.548	45.6637	ng/ml	m	100
T AR1260 4 #2	10.985	0.0	897655.785	51.3563	ng/ml		100
T AR1260 5 #2	11.655	0.0	1331118.849	52.4162	ng/ml		100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

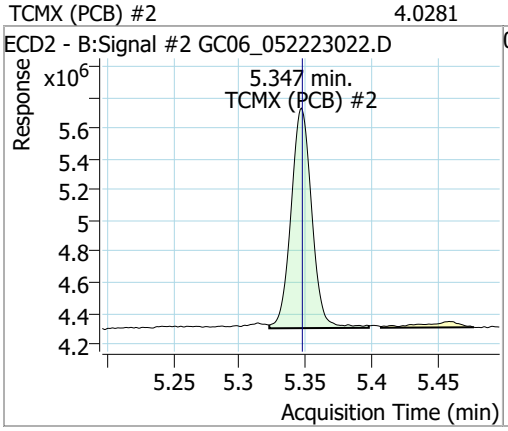
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	4.1327	5.00	0.00	609354				

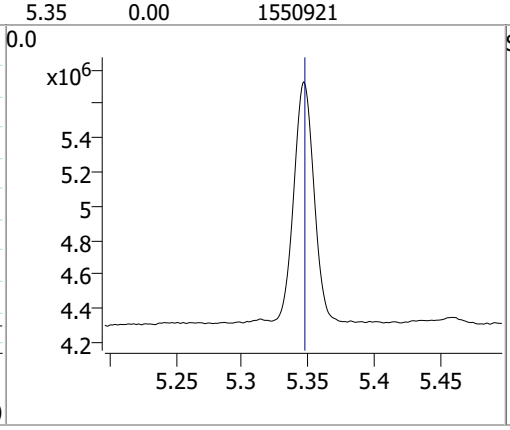


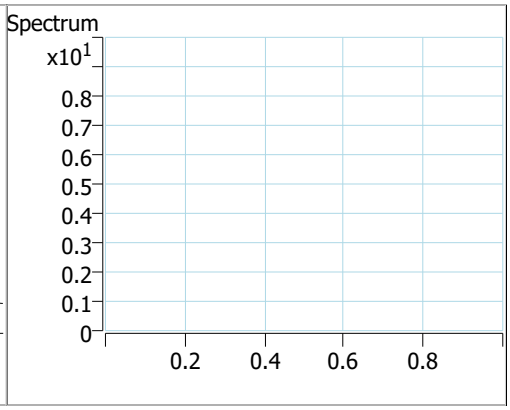




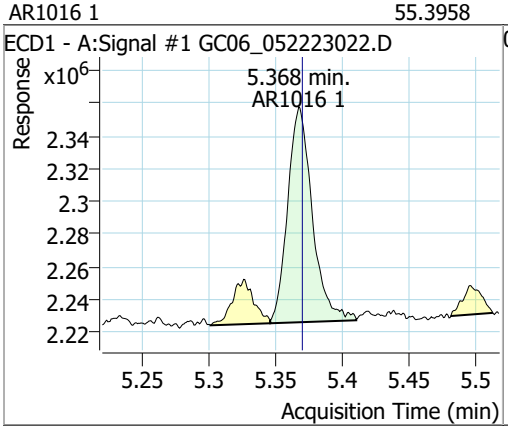
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB) #2	4.0281	5.35	0.00	1550921				

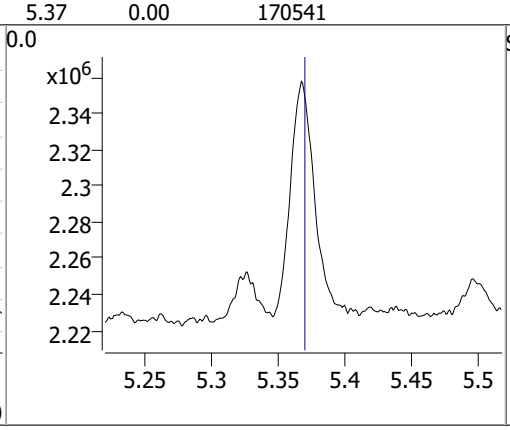


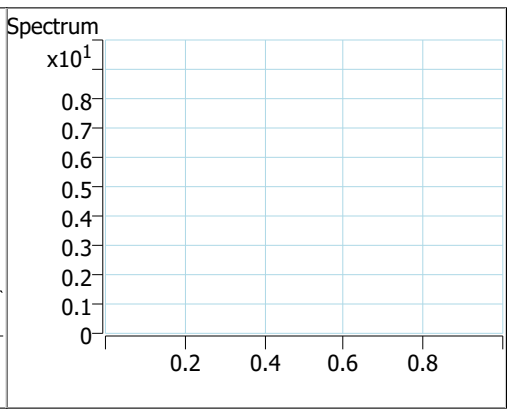




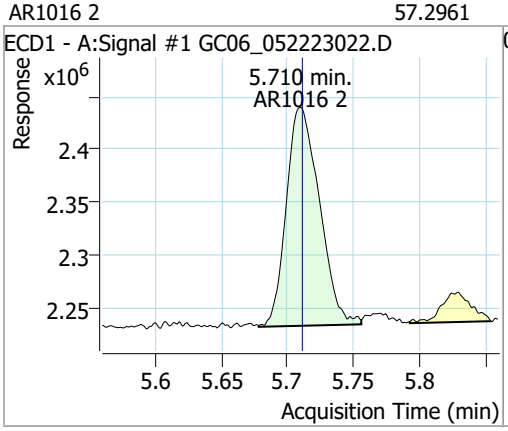
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	55.3958	5.37	0.00	170541				

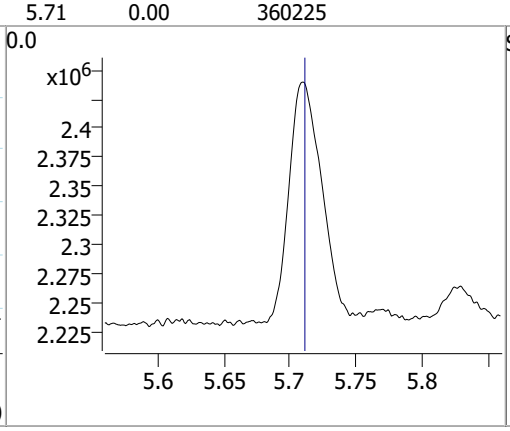


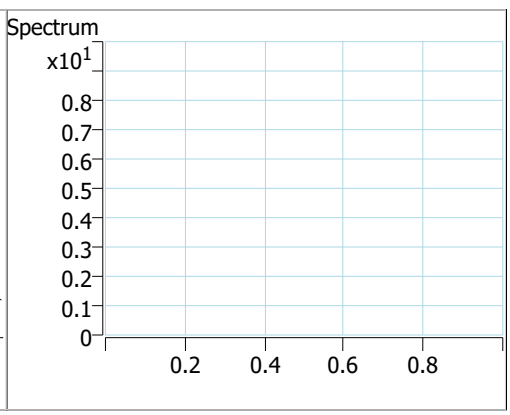




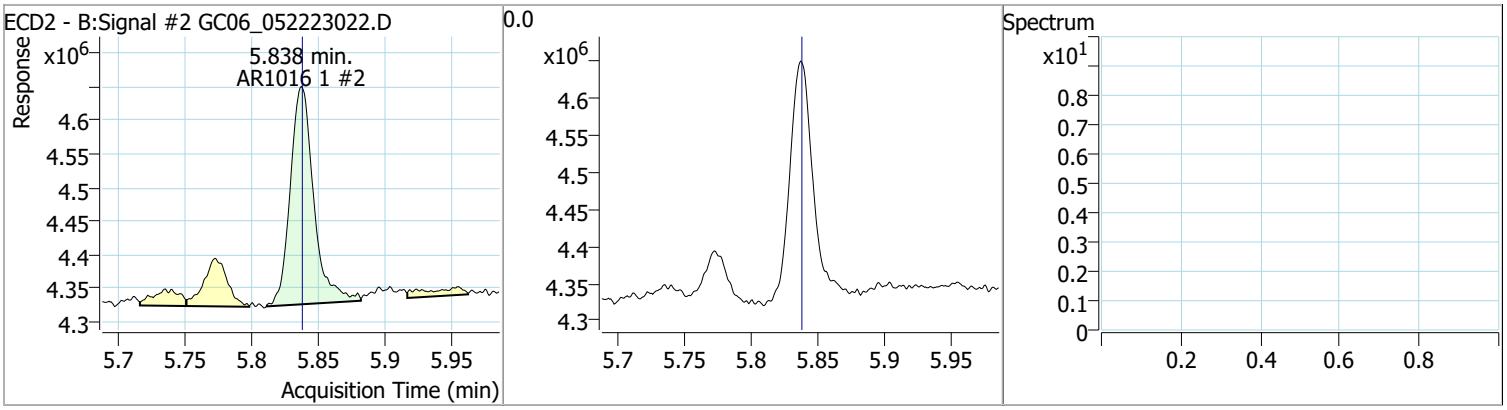
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	57.2961	5.71	0.00	360225				



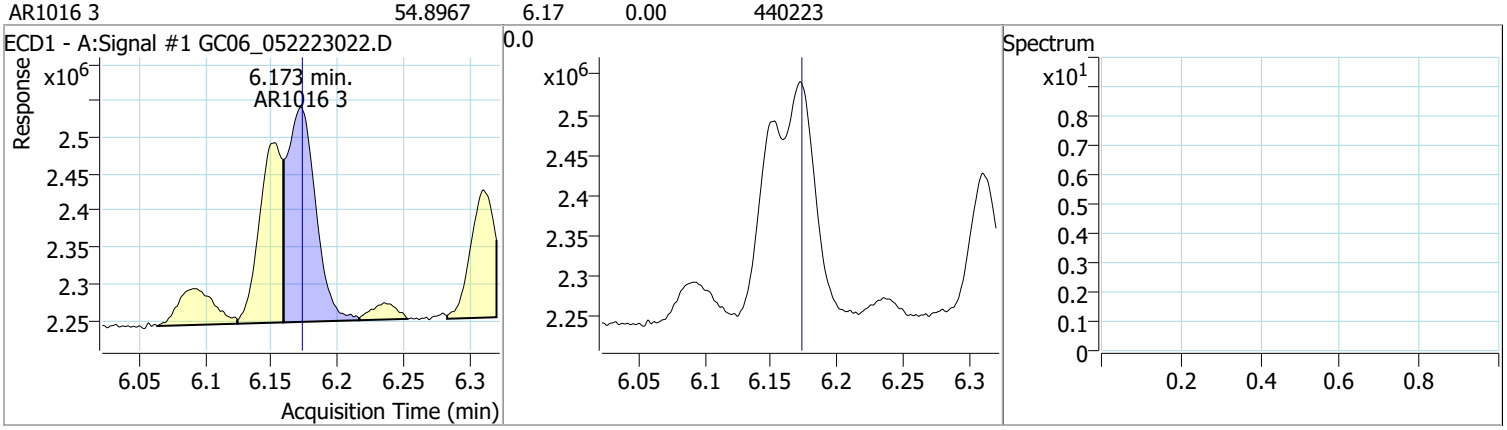




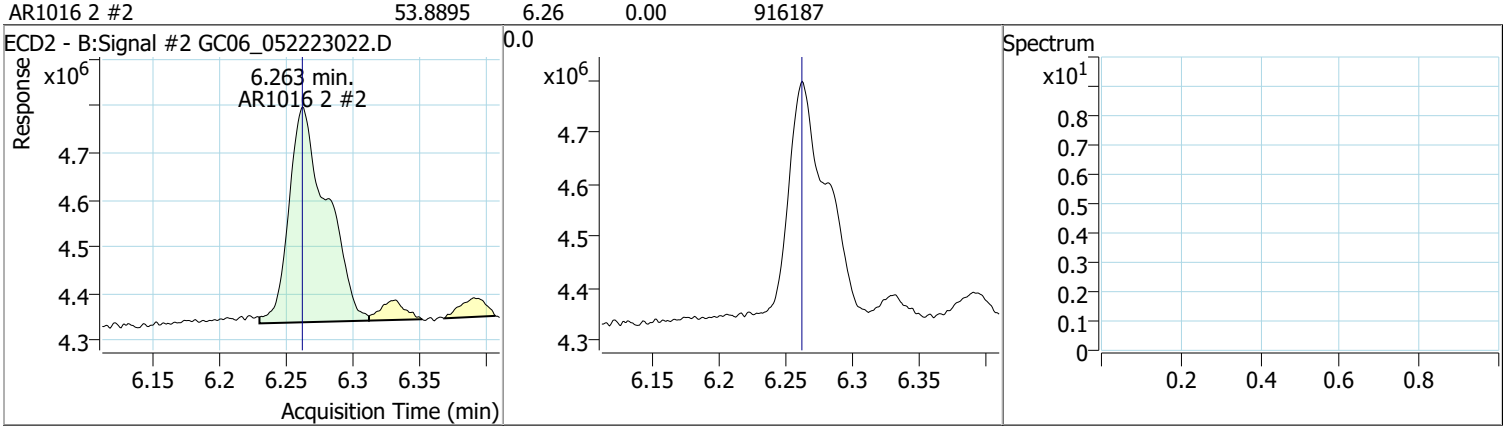
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1 #2	52.9711	5.84	0.00	401207				



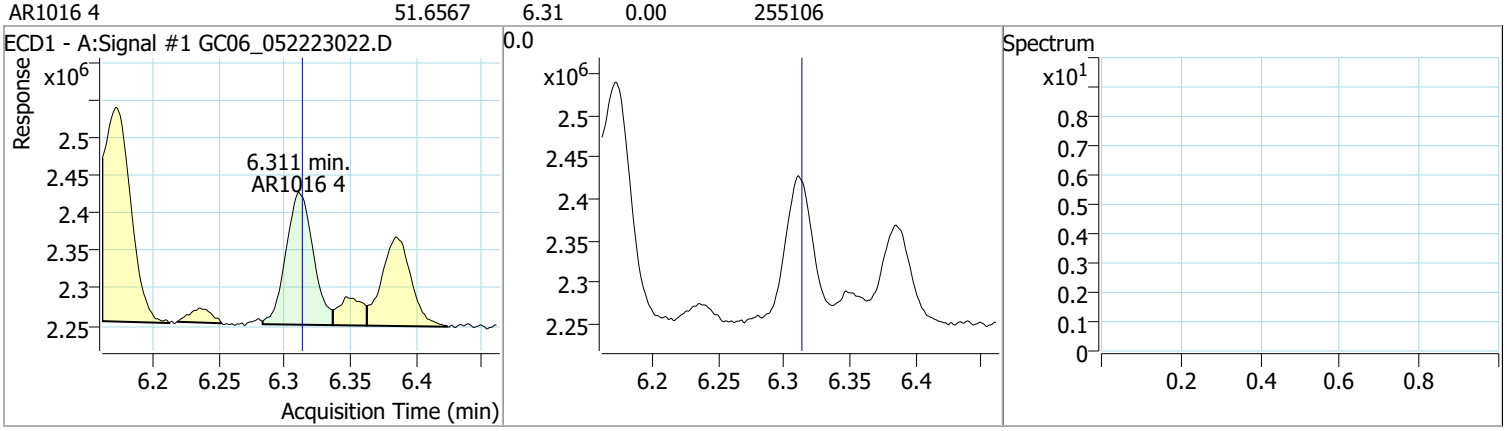
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	54.8967	6.17	0.00	440223				



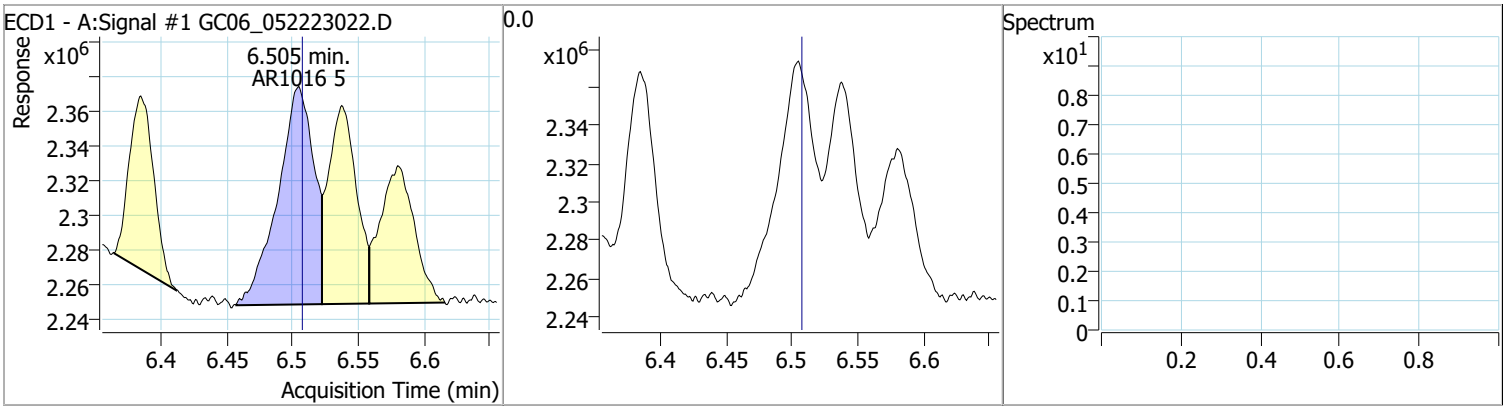
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	53.8895	6.26	0.00	916187				



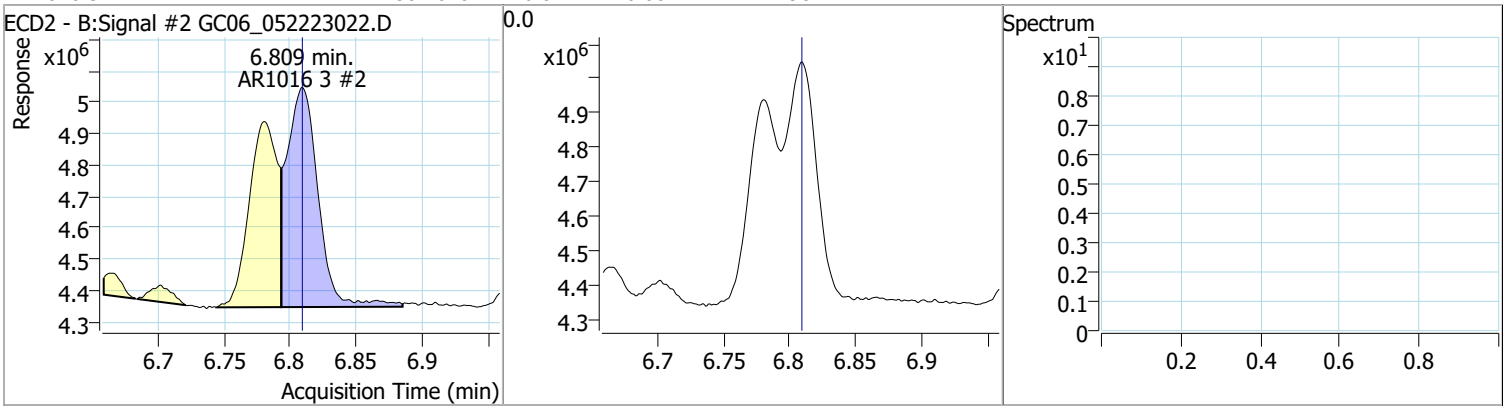
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4	51.6567	6.31	0.00	255106				



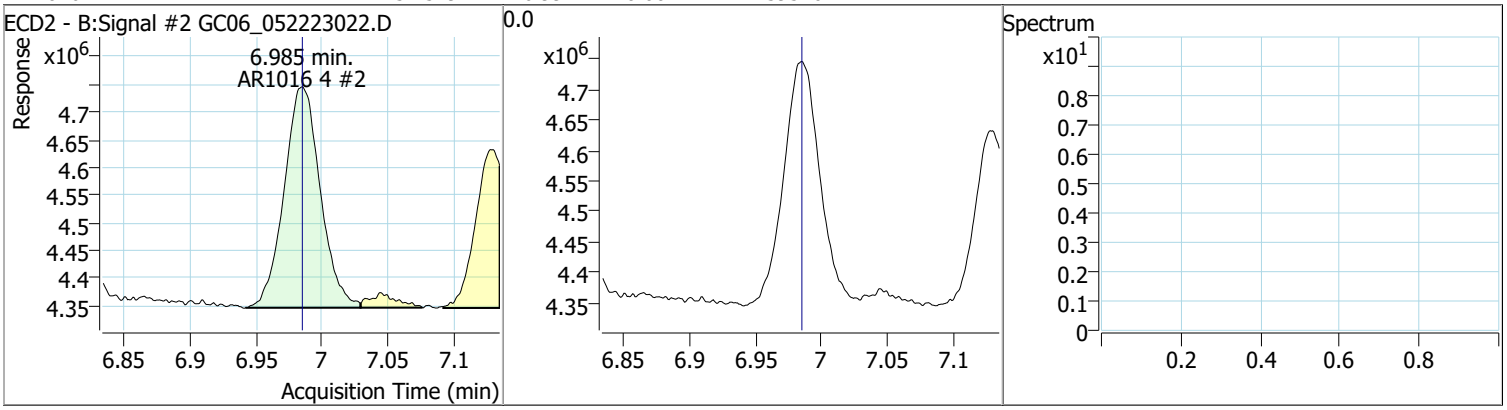
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	65.1697	6.51	0.00	238869				



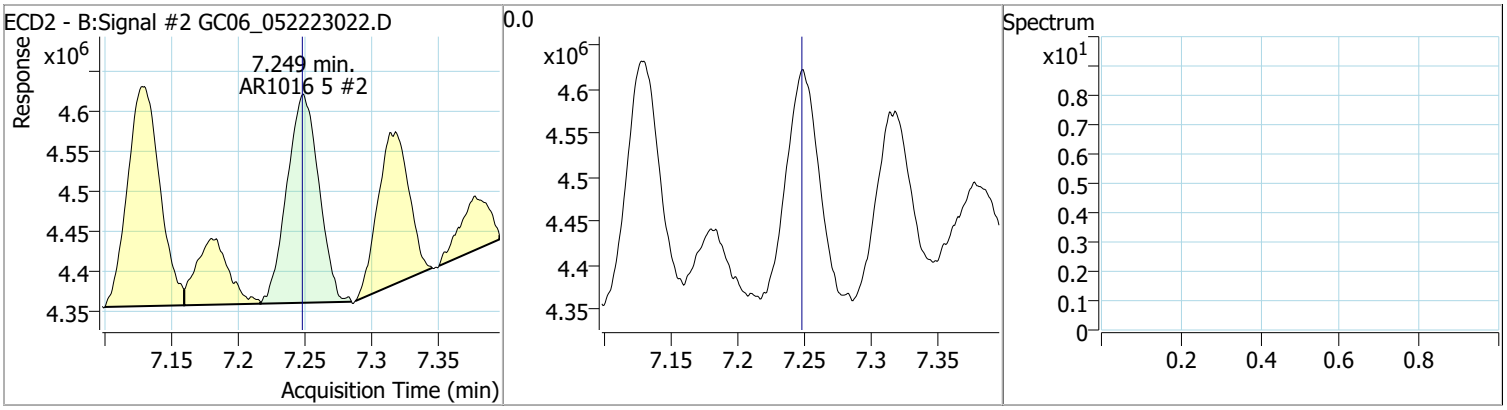
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	56.2678	6.81	0.00	1149844				



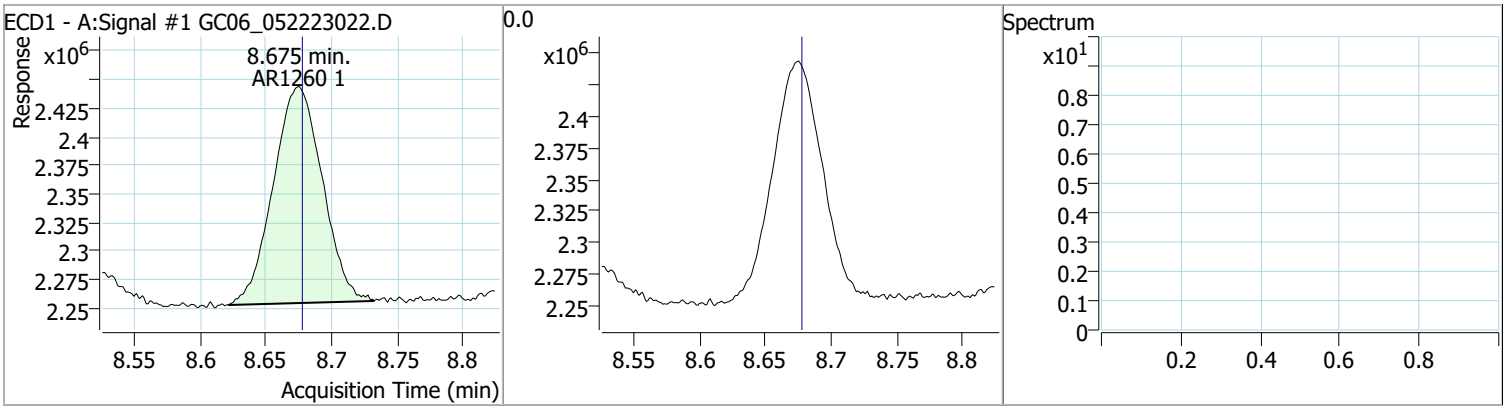
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4 #2	51.5494	6.99	0.00	759546				



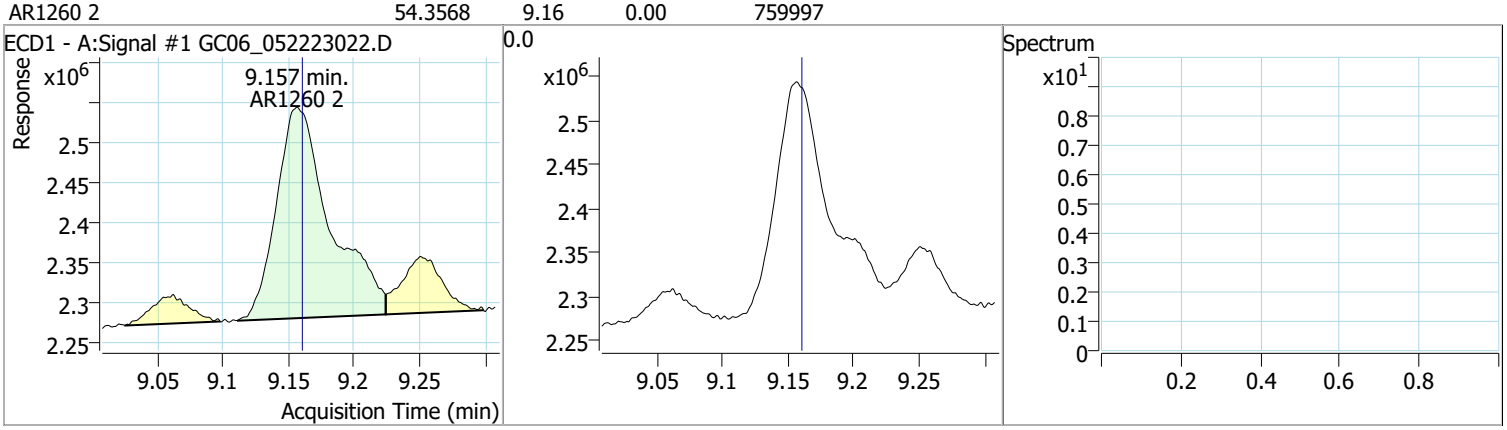
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	53.1421	7.25	0.00	438386				



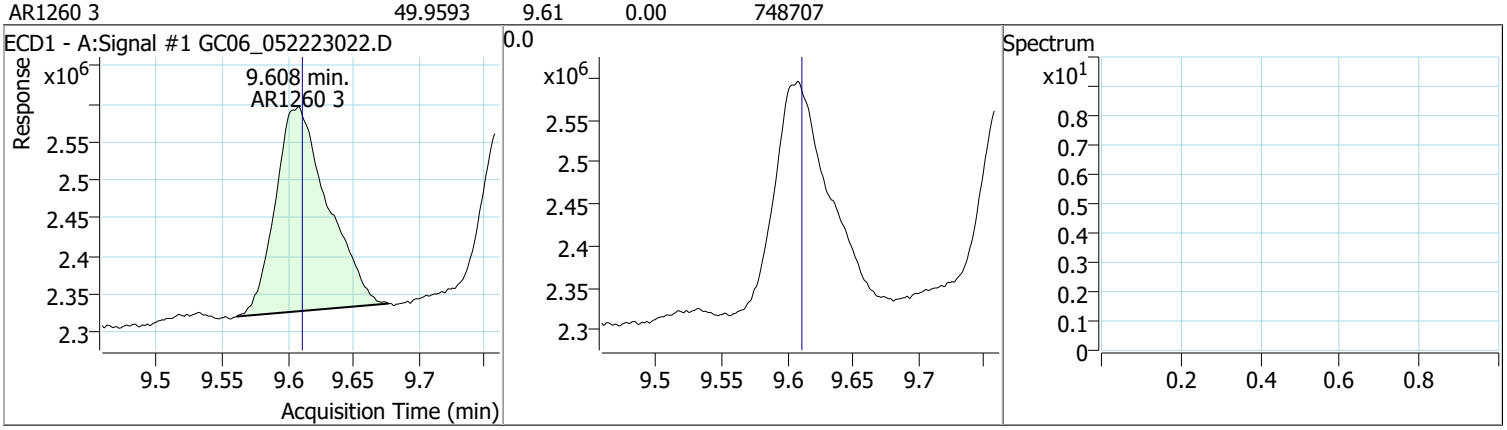
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	53.8238	8.68	0.00	494731				



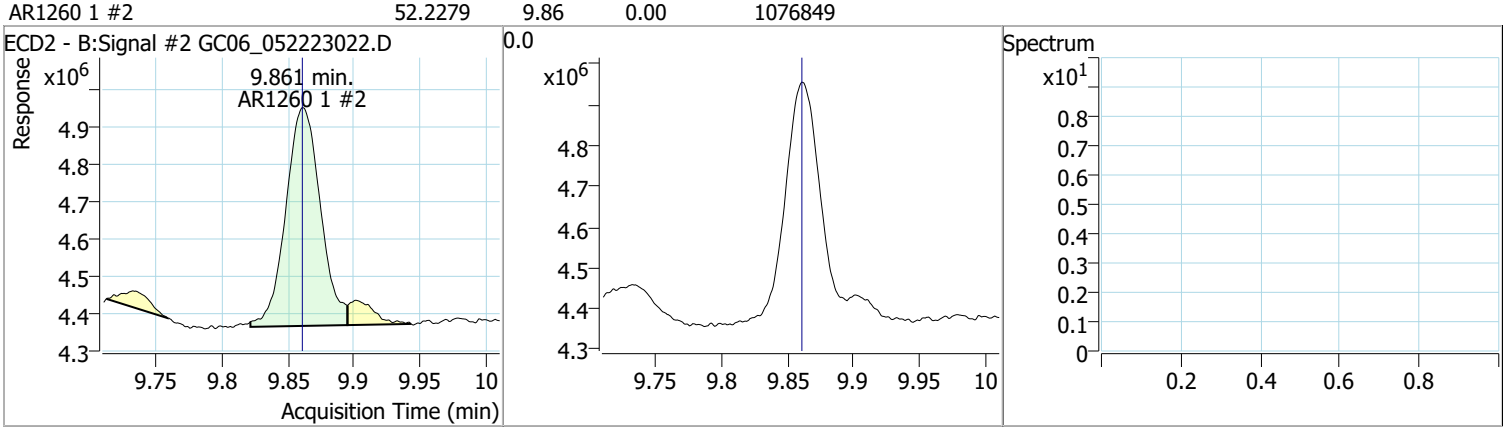
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	54.3568	9.16	0.00	759997				



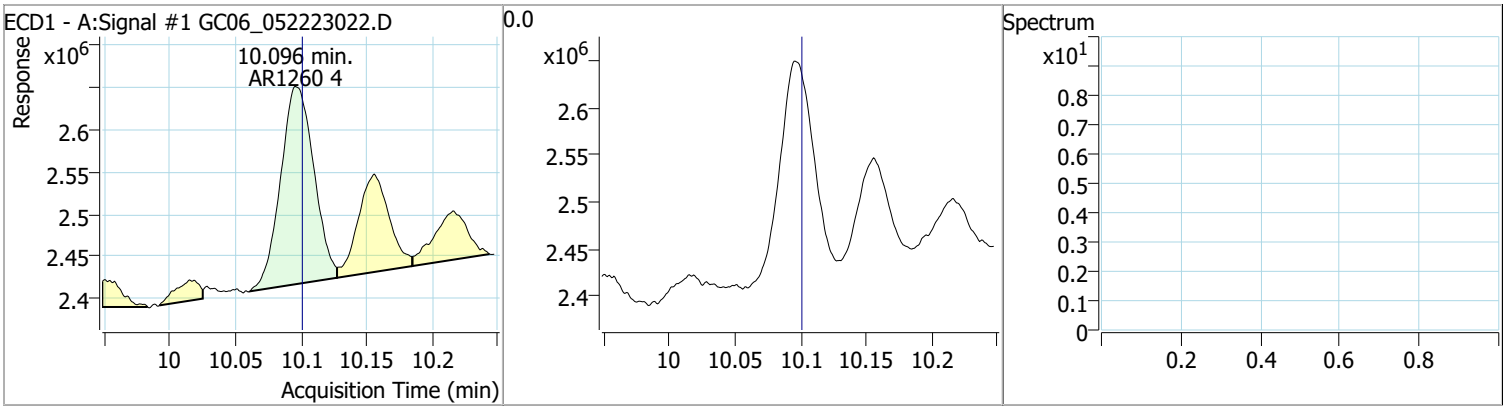
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3	49.9593	9.61	0.00	748707				



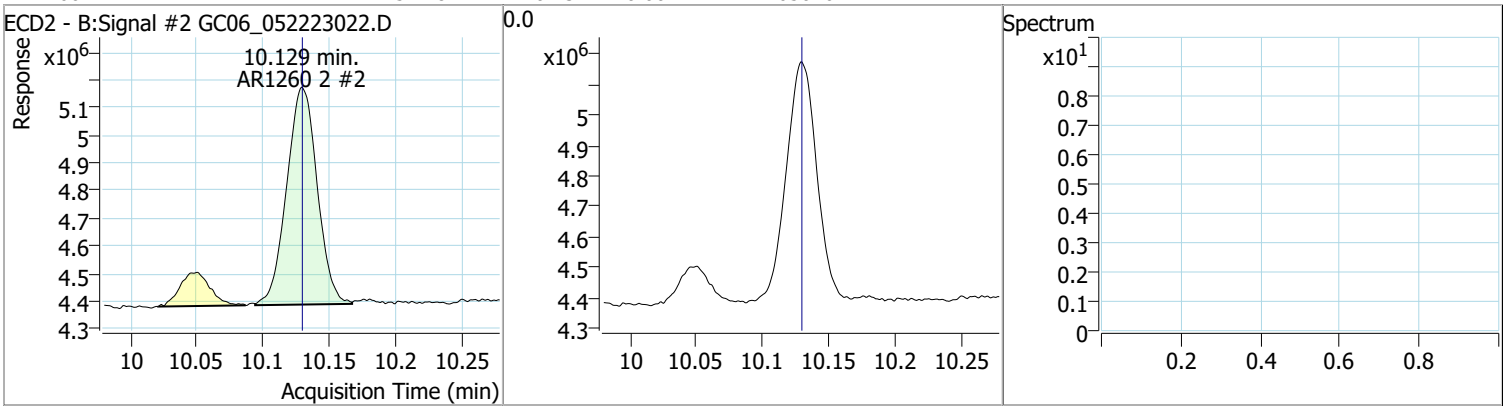
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1 #2	52.2279	9.86	0.00	1076849				



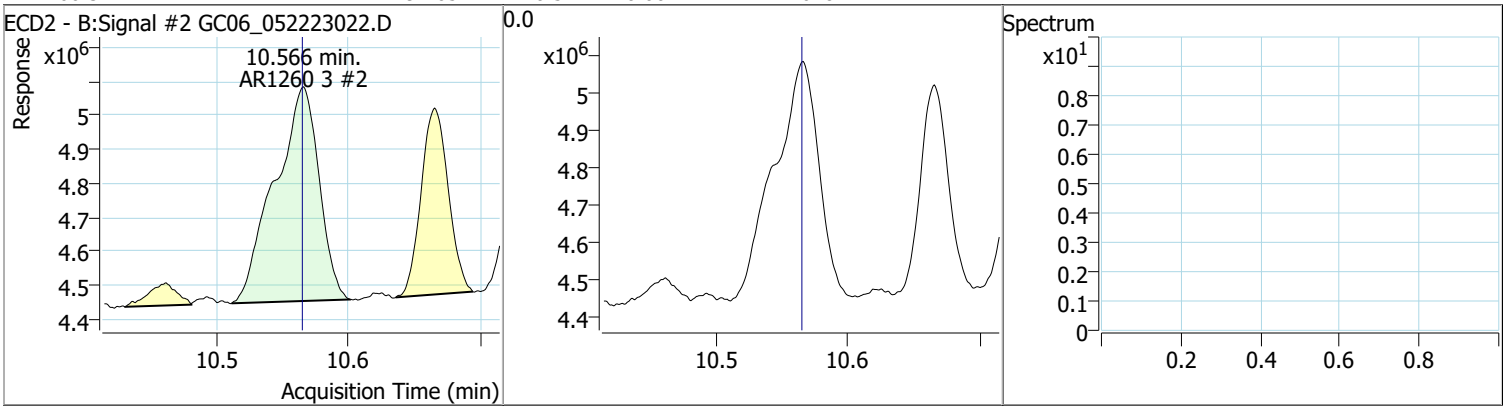
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4	50.3719	10.10	0.00	412656				



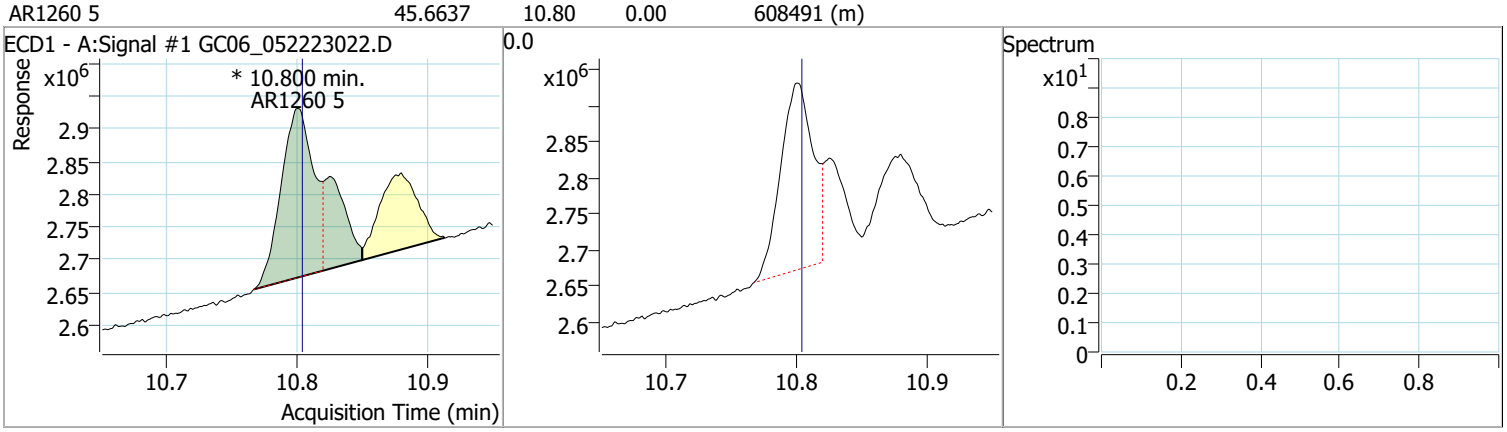
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	54.2847	10.13	0.00	1265020				



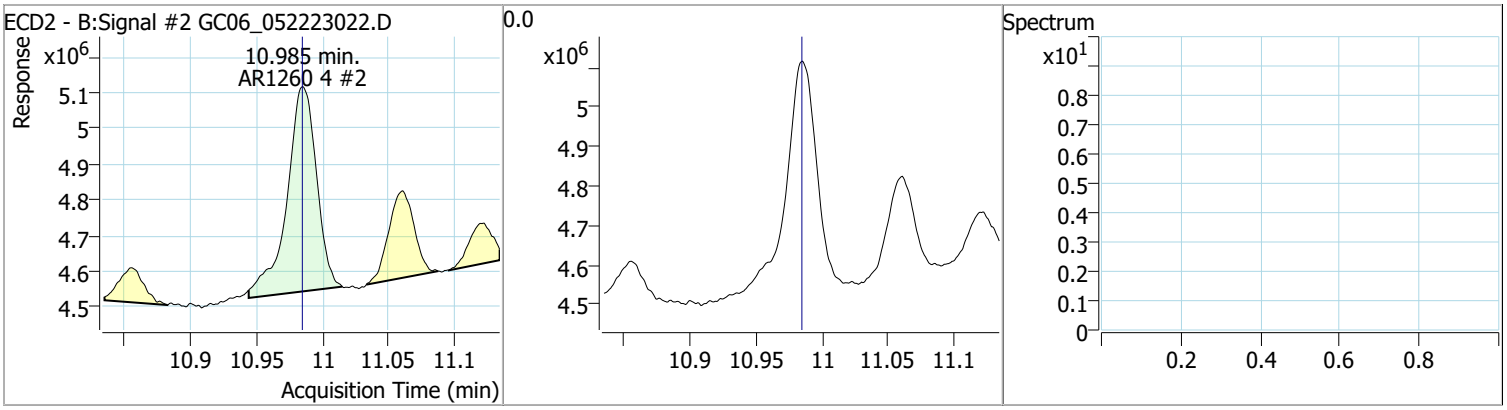
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3 #2	49.2054	10.57	0.00	1471628				



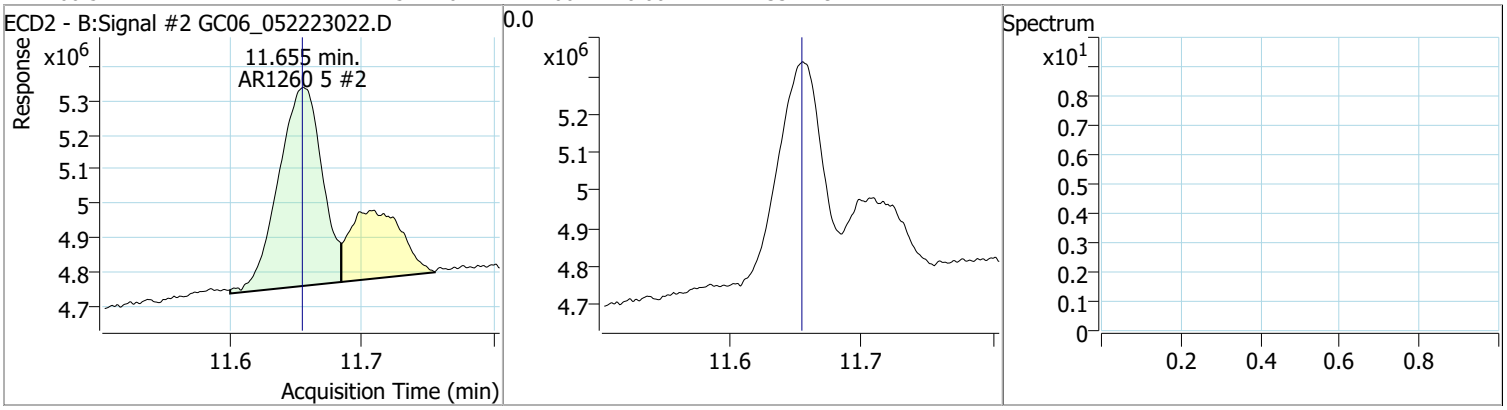
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	45.6637	10.80	0.00	608491 (m)				



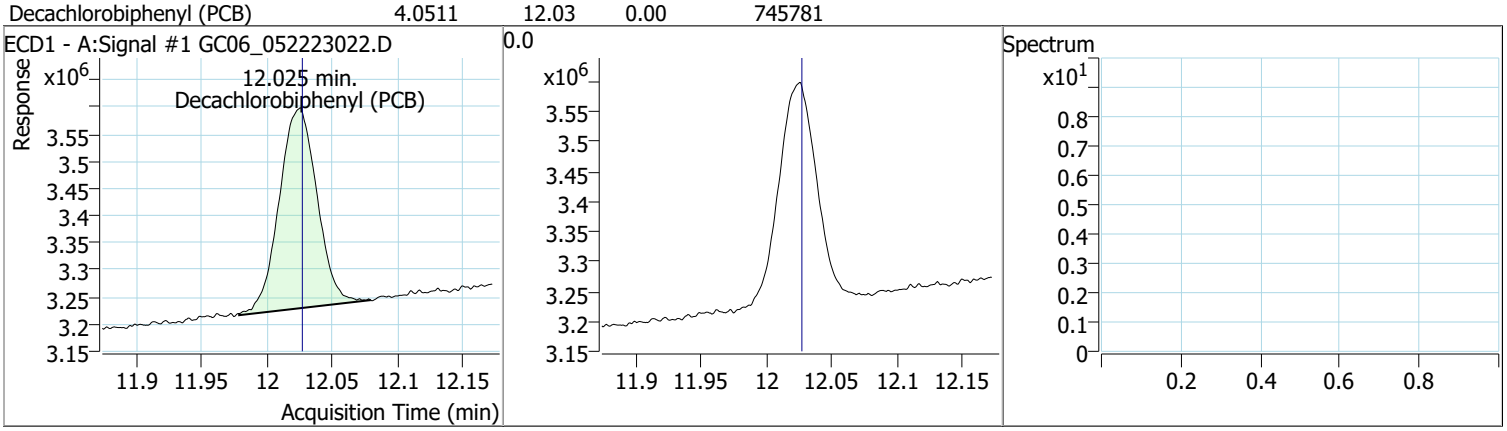
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	51.3563	10.99	0.00	897656				



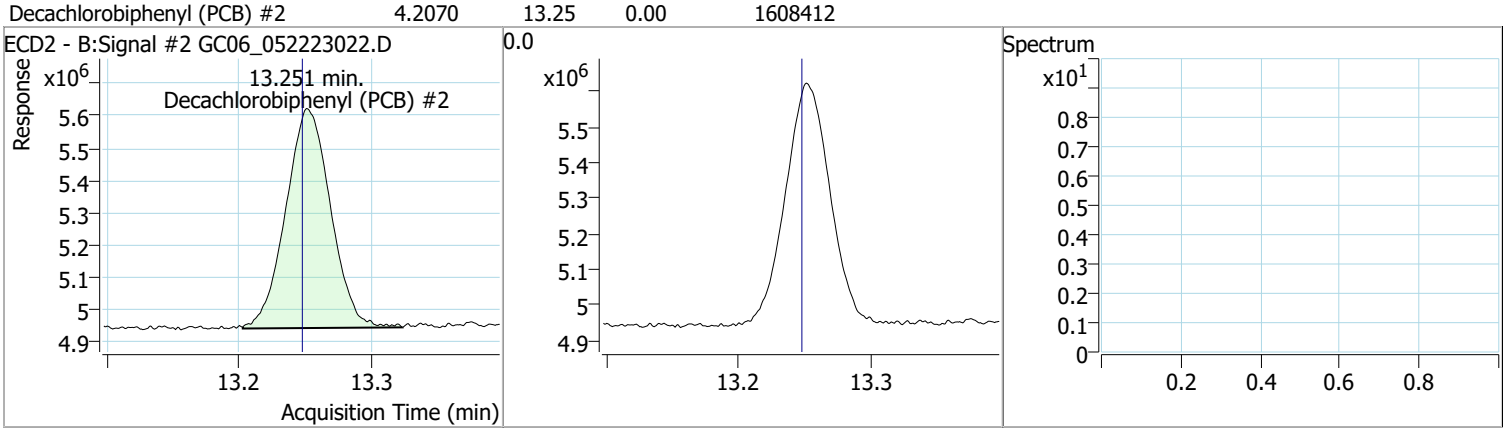
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	52.4162	11.66	0.00	1331119				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	4.0511	12.03	0.00	745781				

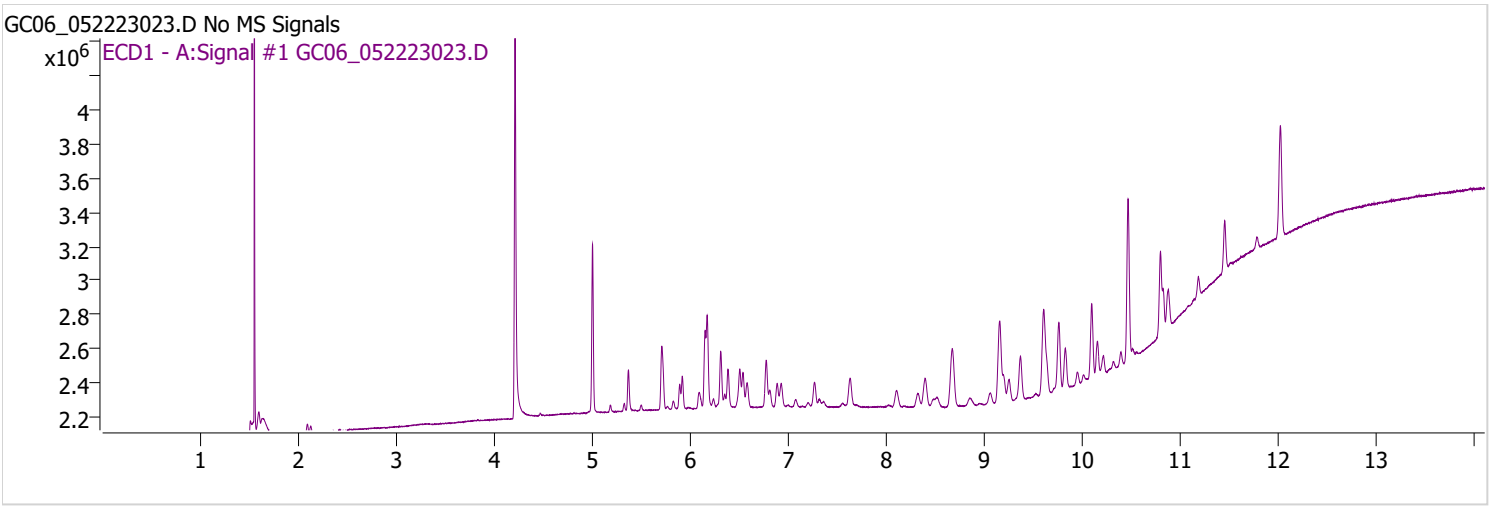


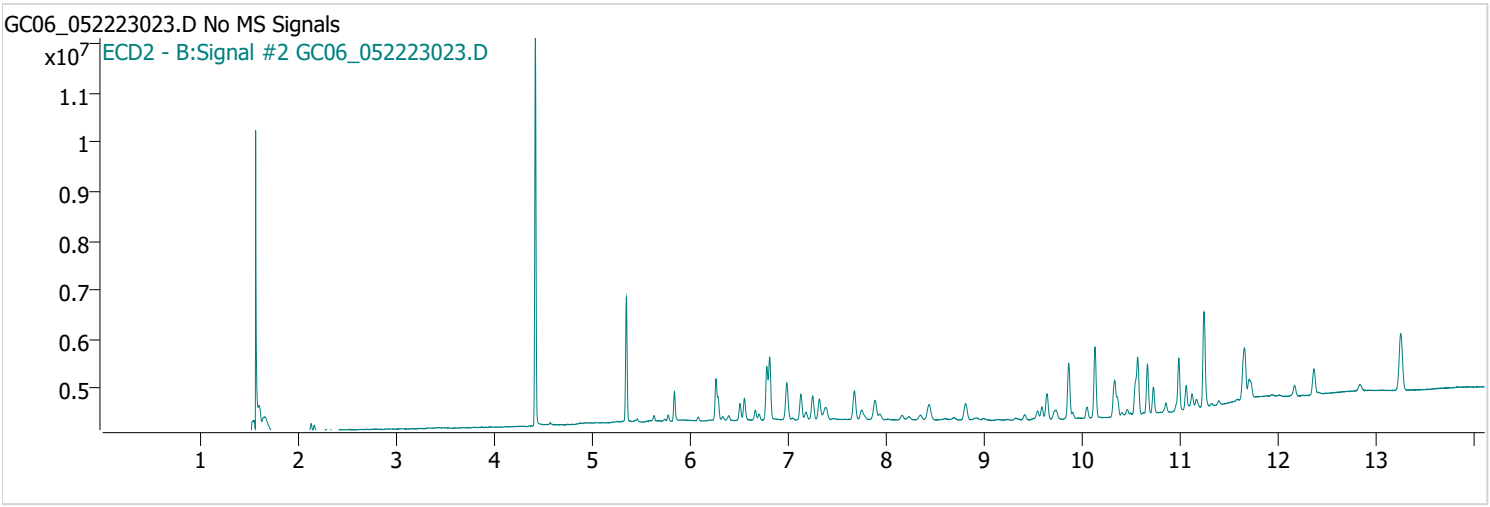
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	4.2070	13.25	0.00	1608412				



Quantitation Results Report (Not Reviewed)

Data File	GC06_052223023.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	5/22/2023 9:01:29 PM
Sample Name	ICAL, S18182	Instrument	SVOA-GC06
Vial	14	Multiplier	1.00
DA Method File	PCB_608_052223_GC06_1.m	Comment	
Tune File	ATUNE.U	Tune Date	
Batch Name	052223PCBICAL.batch.bin	Last Calib Update	5/23/2023 1:35:07 PM
Ref Library			



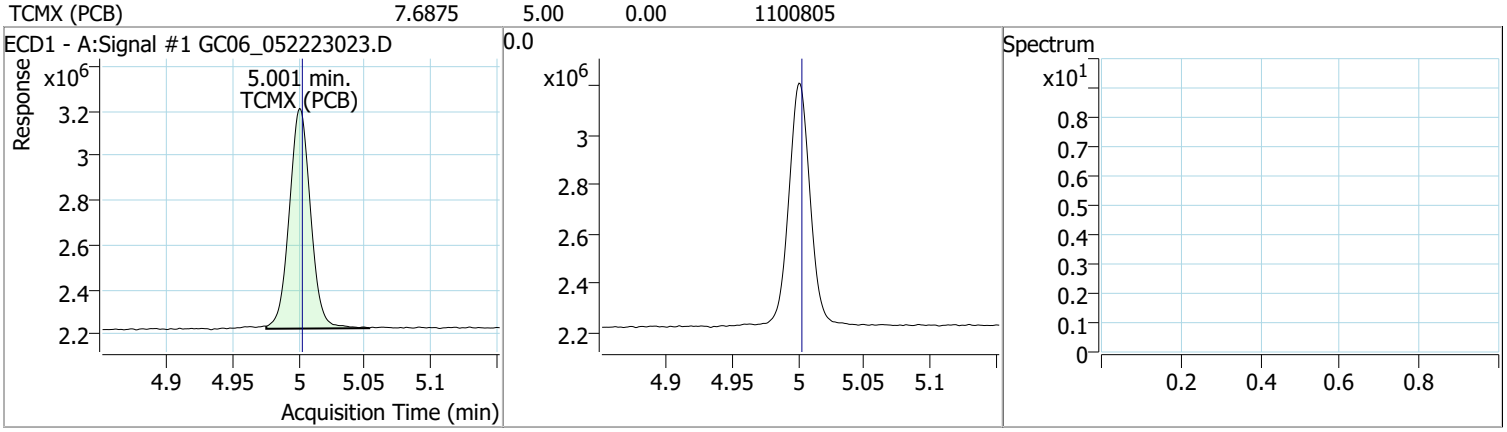


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1-bromo-2-nitrobenzene (PCB)	4.211	0.0	2701215.715	20.0000	ng/ml		0.001
M 1-bromo-2-nitrobenzene (PCB) #2	4.418	0.0	7163845.607	20.0000	ng/ml		0.000
System Monitoring Compounds							
S TCMX (PCB)	5.001	0.0	1100804.577	7.6875	ng/ml		0.000
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 38.44%		*	
S TCMX (PCB) #2	5.347	0.0	3053531.366	8.0585	ng/ml		0.000
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 40.29%		*	
S Decachlorobiphenyl (PCB)	12.022	0.0	1309504.225	7.3245	ng/ml		0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 36.62%		*	
S Decachlorobiphenyl (PCB) #2	13.250	0.0	2783991.765	7.3991	ng/ml		0.002
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 37.00%		*	
Target Compounds							QValue

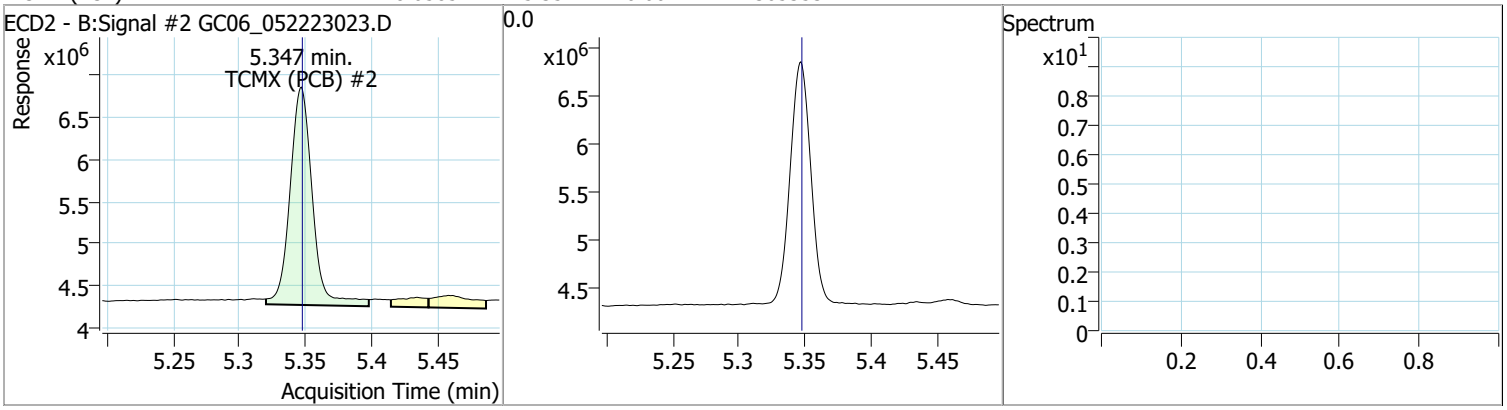
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T AR1016 1	5.368	0.0	316361.803	105.8151	ng/ml		100
T AR1016 2	5.708	0.0	648866.250	106.2727	ng/ml		100
T AR1016 1 #2	5.838	0.0	731895.926	98.1882	ng/ml		100
T AR1016 3	6.171	0.0	808506.117	103.8179	ng/ml	m	100
T AR1016 2 #2	6.261	0.0	1675264.586	100.1250	ng/ml		100
T AR1016 4	6.309	0.0	482906.788	100.6895	ng/ml		100
T AR1016 5	6.504	0.0	393725.344	110.6099	ng/ml		100
T AR1016 3 #2	6.809	0.0	2055068.366	102.1848	ng/ml		100
T AR1016 4 #2	6.983	0.0	1404765.702	96.8751	ng/ml		100
T AR1016 5 #2	7.248	0.0	789709.444	97.2721	ng/ml		100
T AR1260 1	8.673	0.0	921571.490	103.2405	ng/ml		100
T AR1260 2	9.158	0.0	1385465.649	102.0359	ng/ml		100
T AR1260 3	9.606	0.0	1393398.931	95.7404	ng/ml		100
T AR1260 1 #2	9.862	0.0	1964289.571	96.8037	ng/ml		100
T AR1260 4	10.096	0.0	754869.842	94.8827	ng/ml		100
T AR1260 2 #2	10.129	0.0	2335145.468	101.8200	ng/ml		100
T AR1260 3 #2	10.565	0.0	2740598.241	93.1106	ng/ml		100
T AR1260 5	10.798	0.0	1147089.125	88.6400	ng/ml		100
T AR1260 4 #2	10.985	0.0	1673538.389	97.2878	ng/ml		100
T AR1260 5 #2	11.654	0.0	2478591.421	99.1728	ng/ml		100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

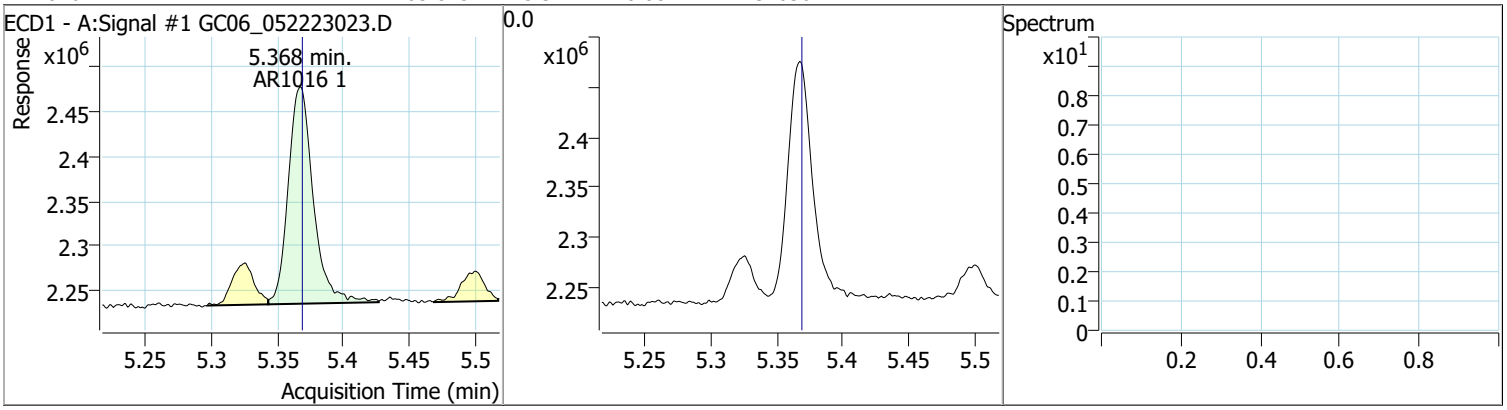
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	7.6875	5.00	0.00	1100805				



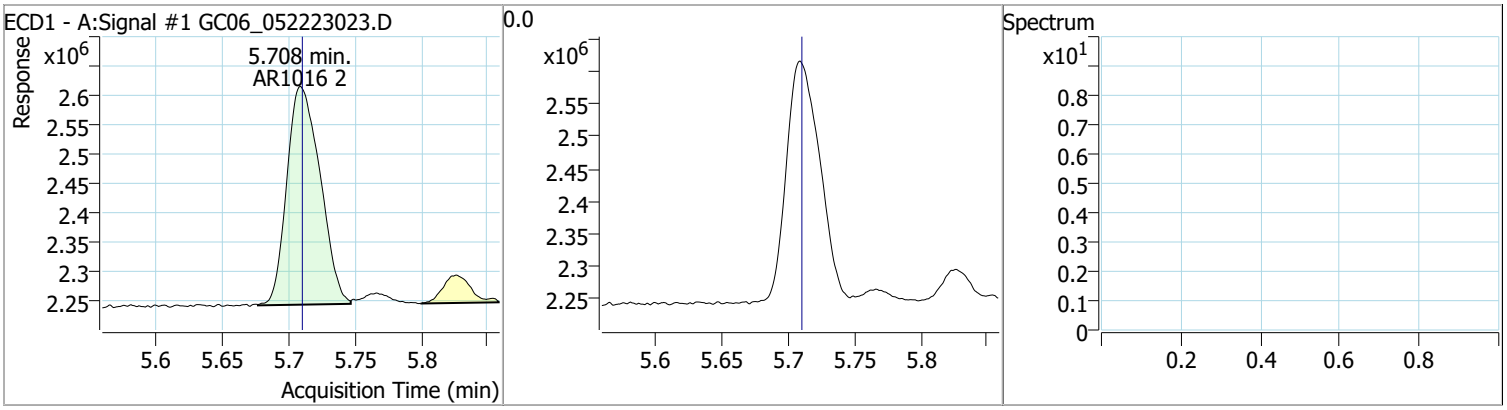
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB) #2	8.0585	5.35	0.00	3053531				



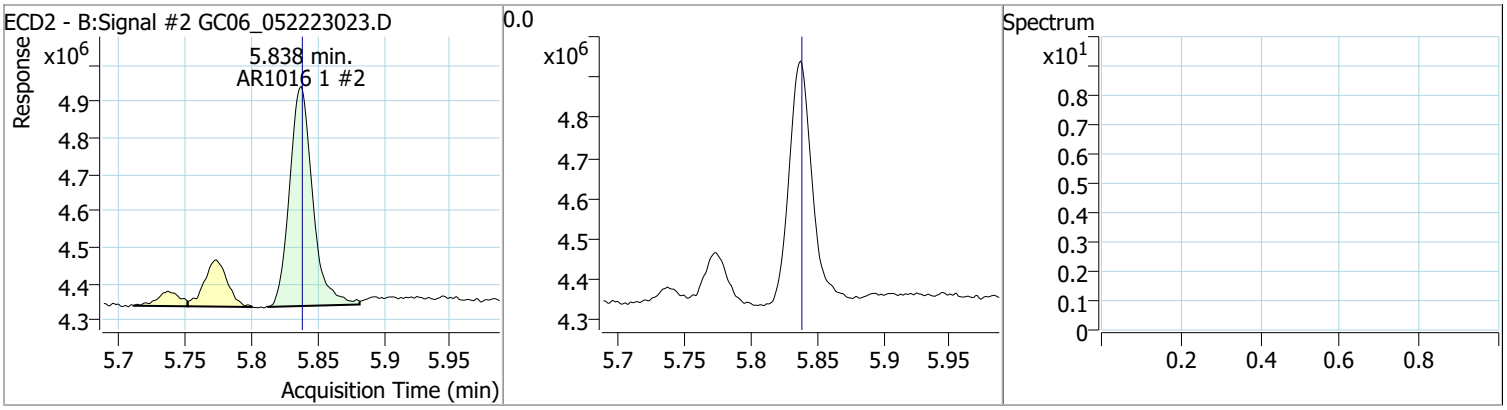
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	105.8151	5.37	0.00	316362				



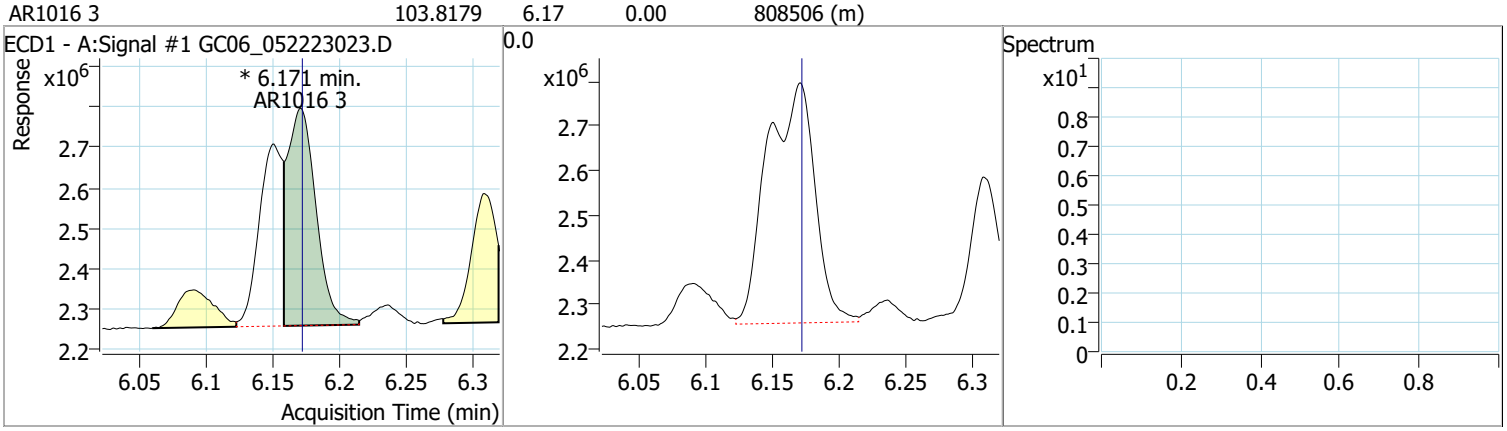
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	106.2727	5.71	0.00	648866				



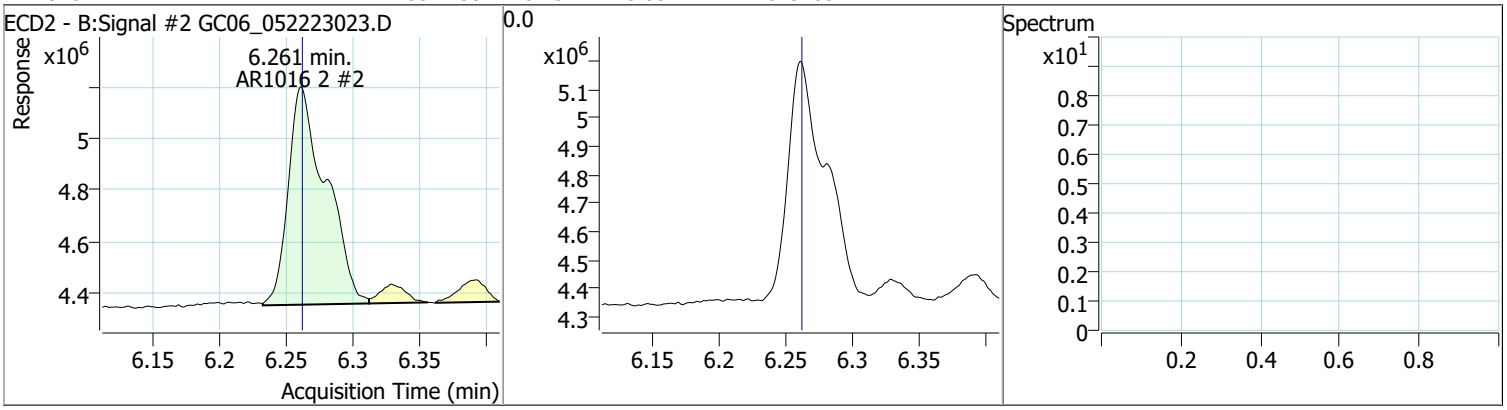
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1 #2	98.1882	5.84	0.00	731896				



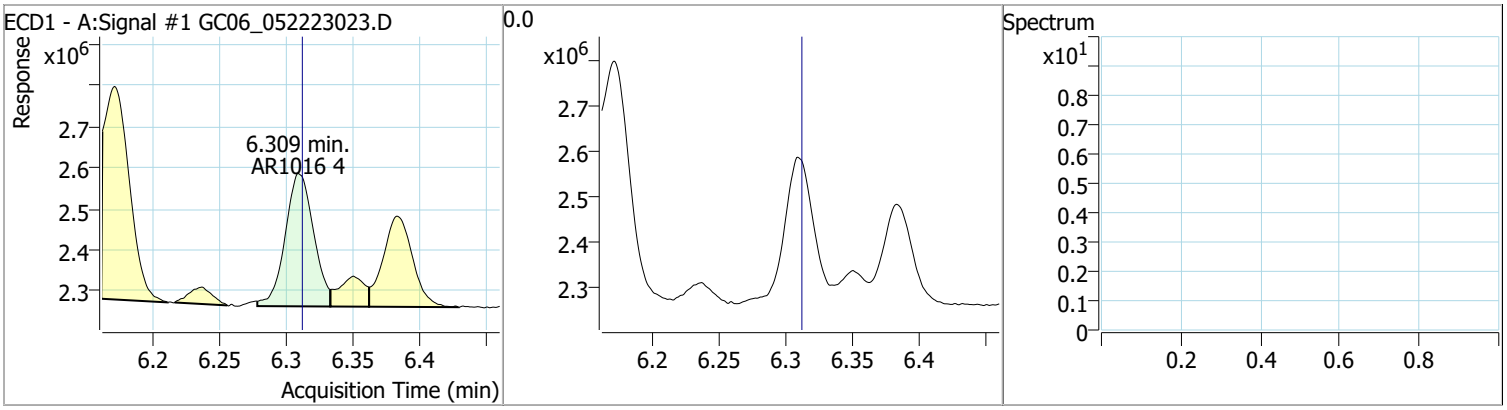
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	103.8179	6.17	0.00	808506 (m)				



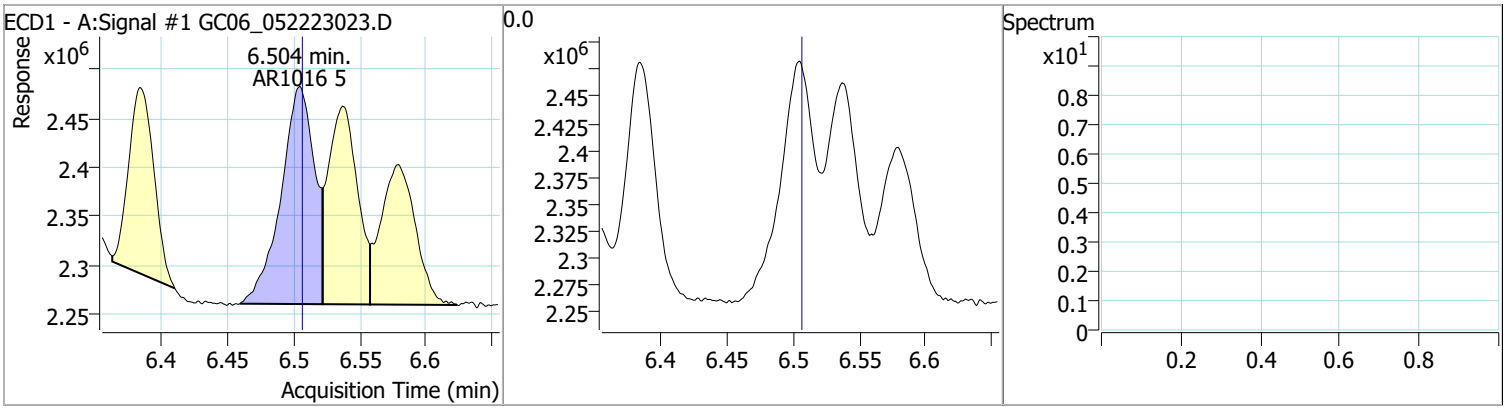
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	100.1250	6.26	0.00	1675265				



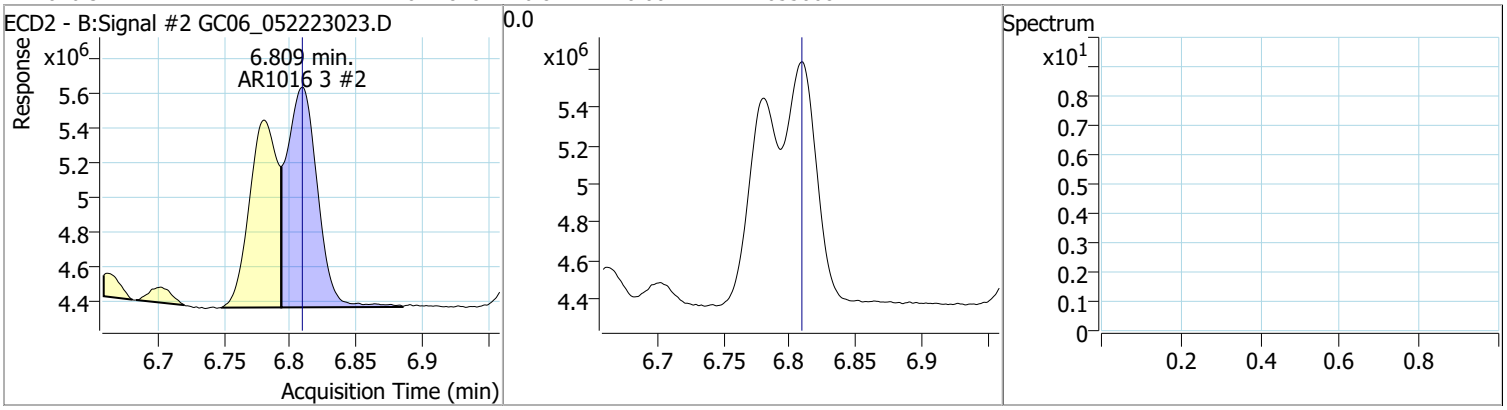
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4	100.6895	6.31	0.00	482907				



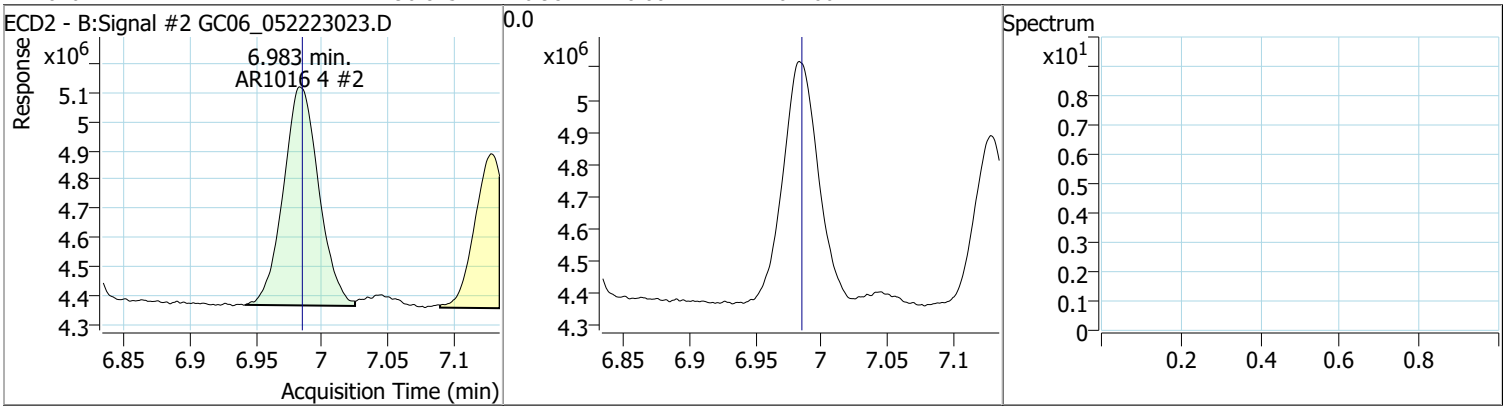
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	110.6099	6.50	0.00	393725				



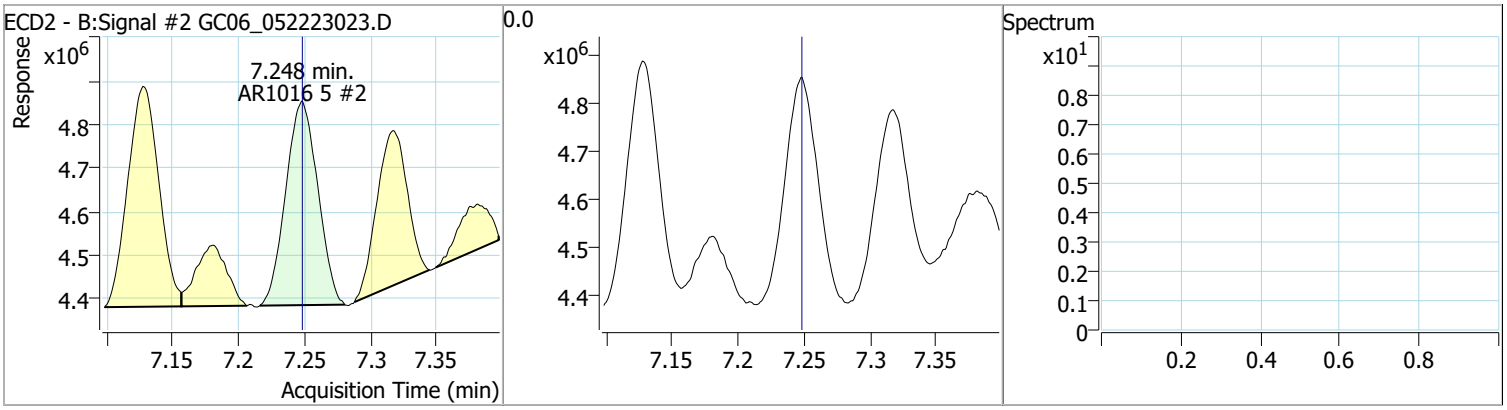
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	102.1848	6.81	0.00	2055068				



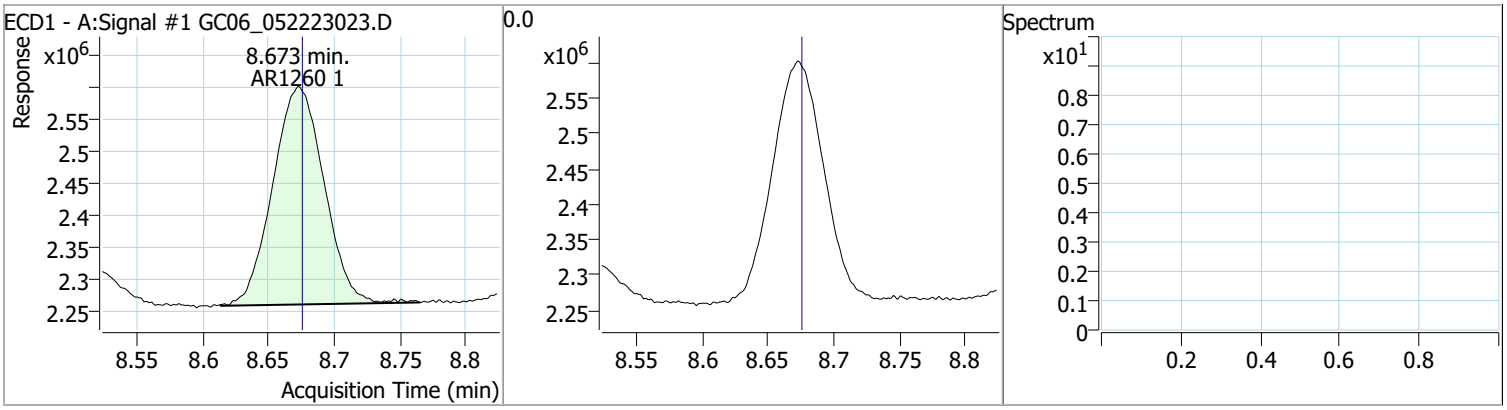
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4 #2	96.8751	6.98	0.00	1404766				



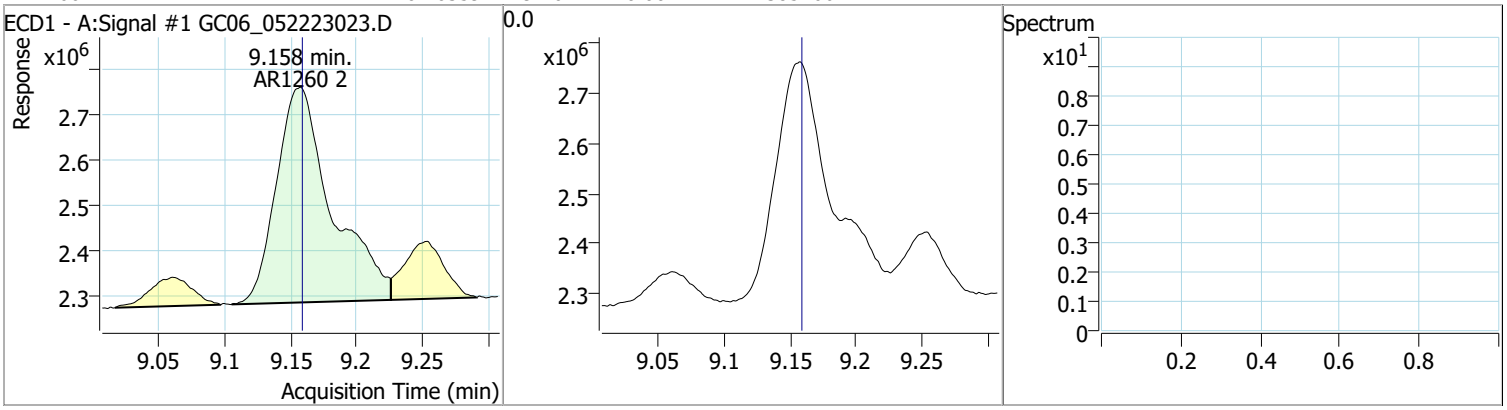
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	97.2721	7.25	0.00	789709				



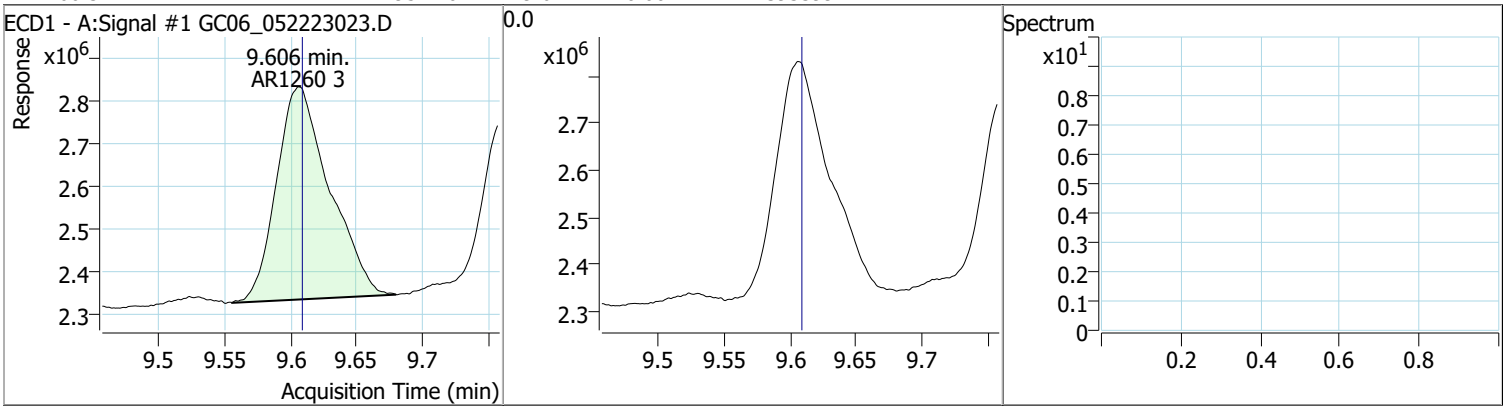
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	103.2405	8.67	0.00	921571				



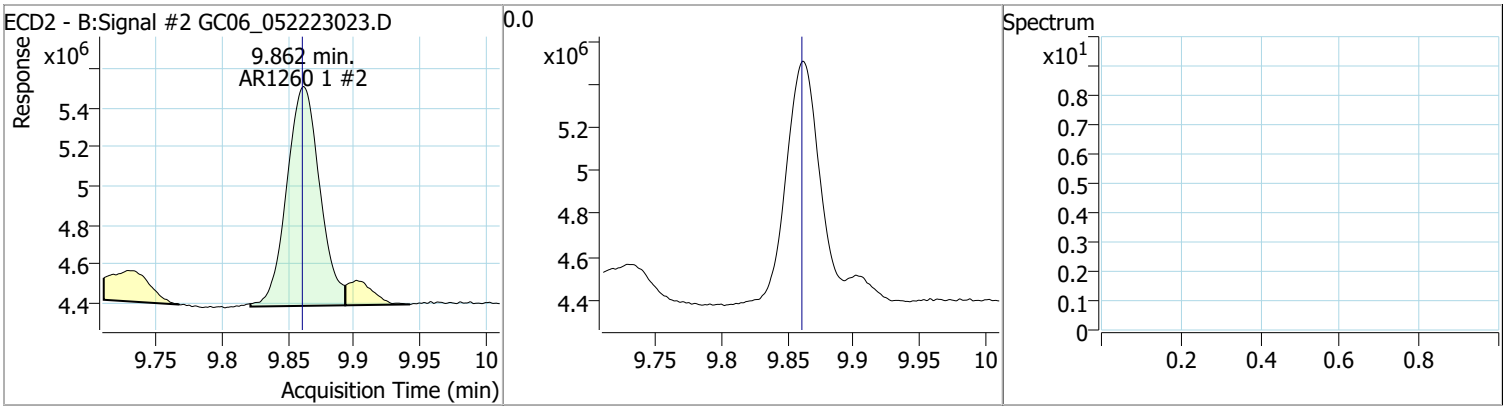
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	102.0359	9.16	0.00	1385466				



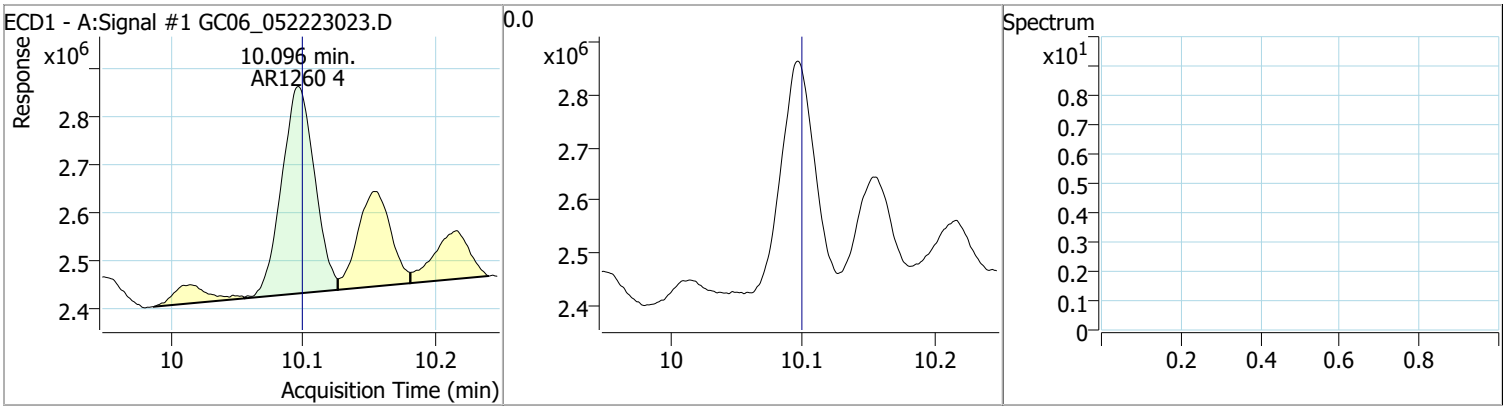
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3	95.7404	9.61	0.00	1393399				



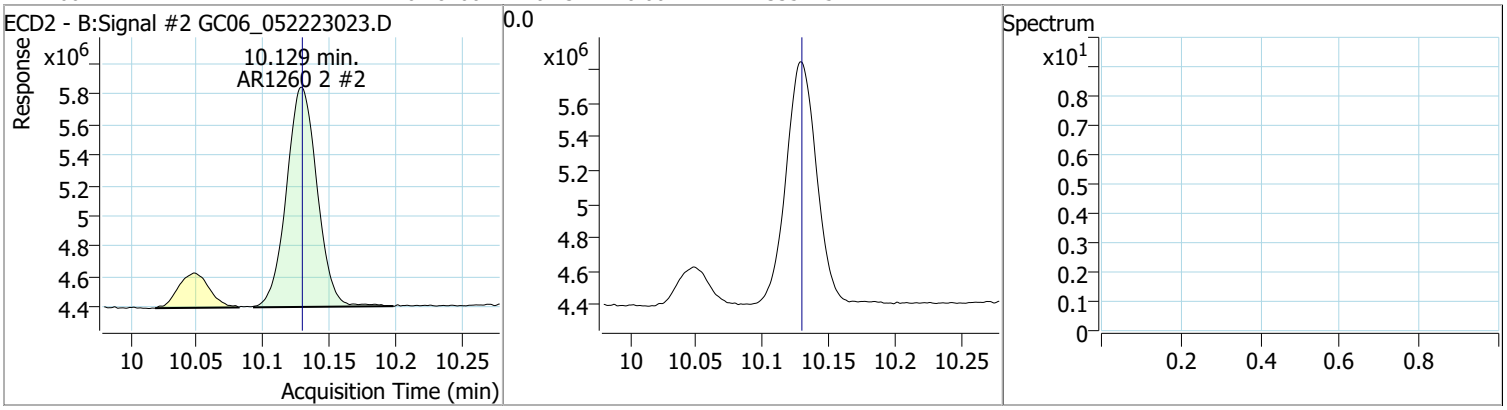
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1 #2	96.8037	9.86	0.00	1964290				



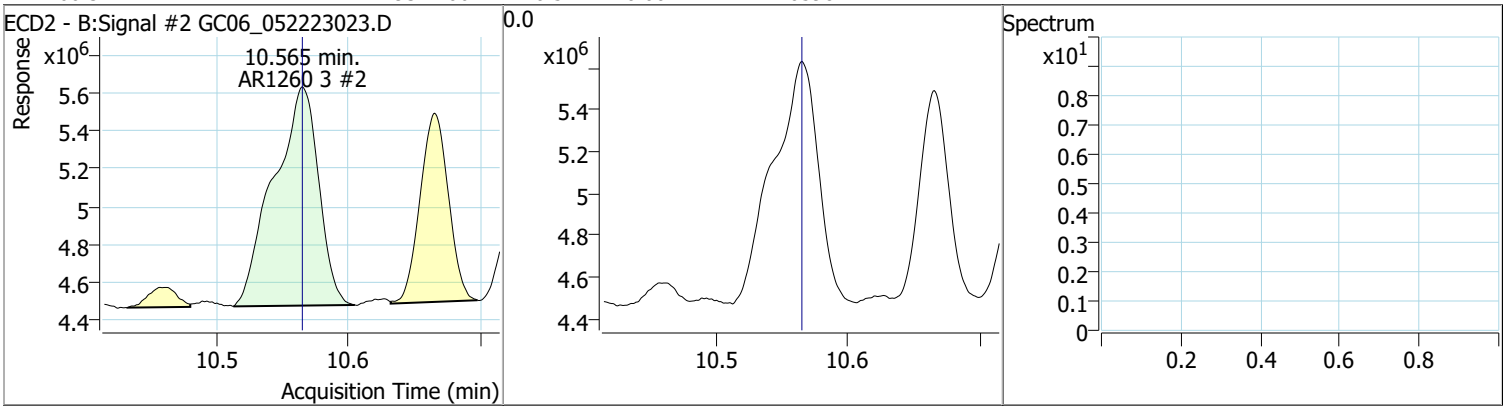
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4	94.8827	10.10	0.00	754870				



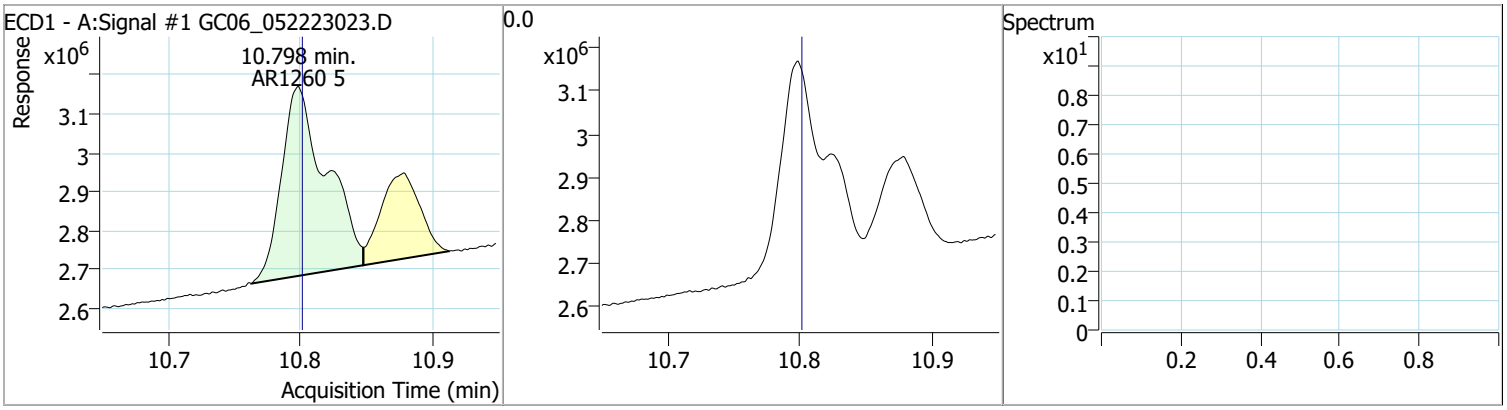
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	101.8200	10.13	0.00	2335145				



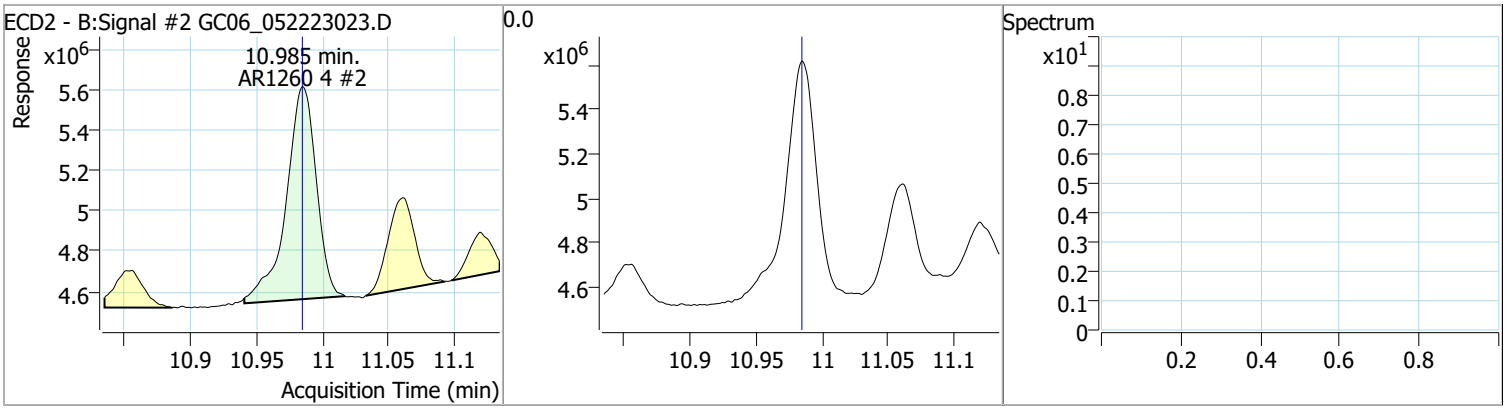
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3 #2	93.1106	10.57	0.00	2740598				



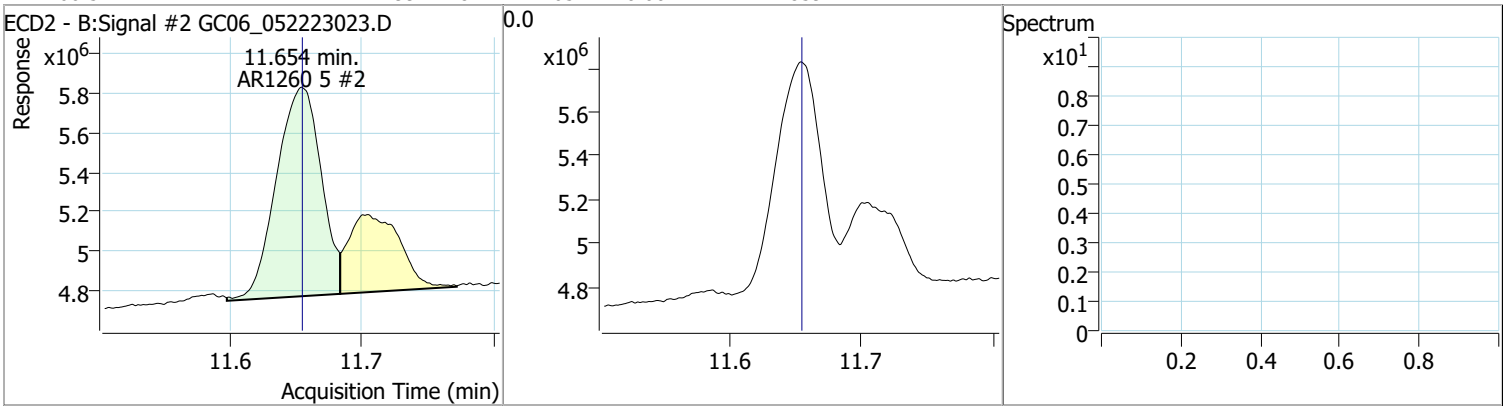
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	88.6400	10.80	0.00	1147089				



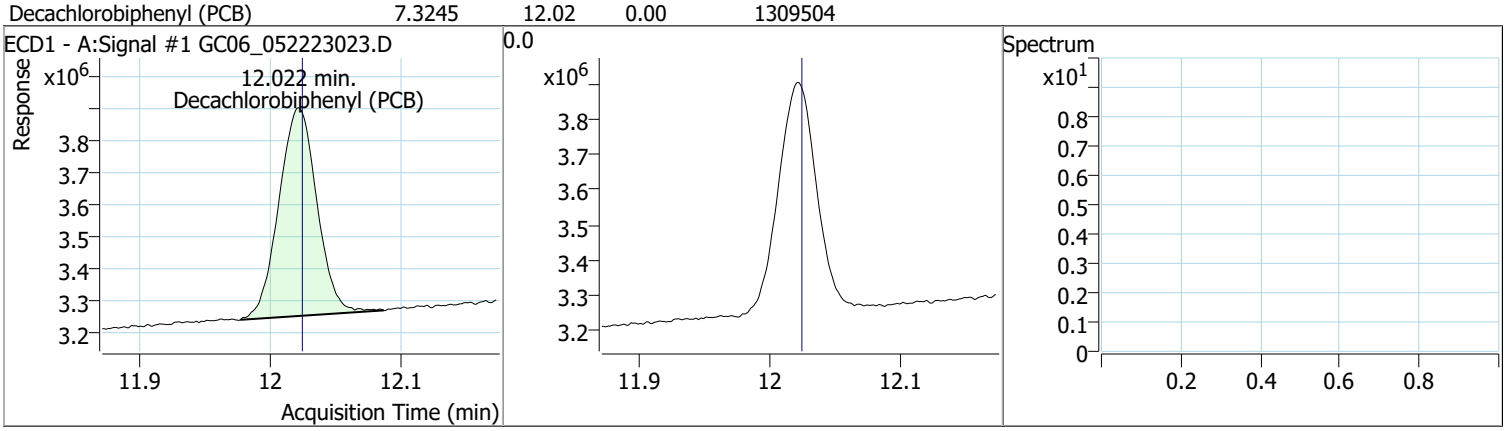
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	97.2878	10.99	0.00	1673538				



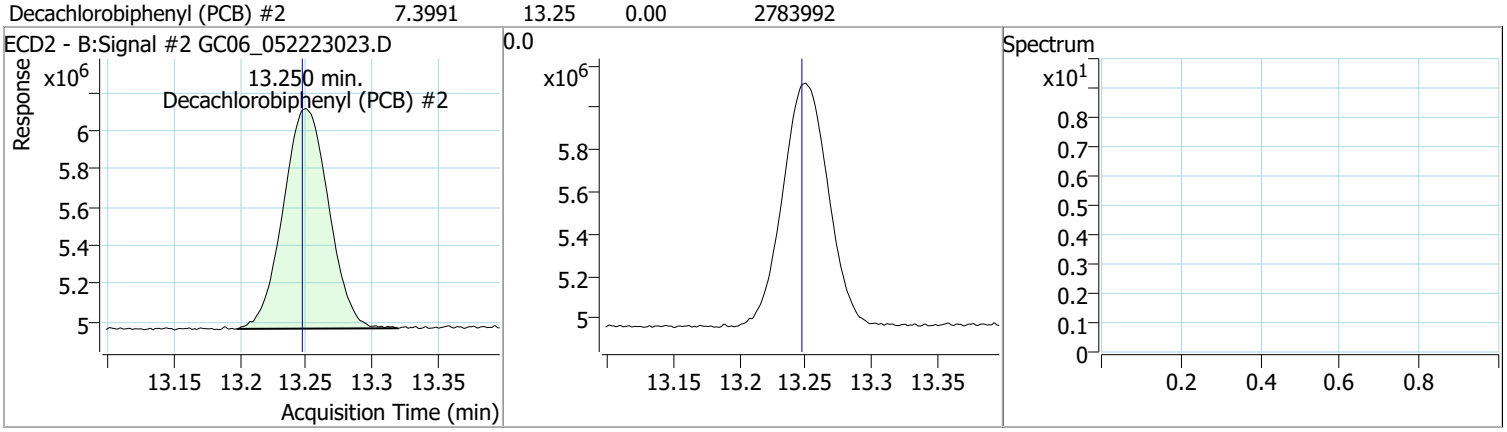
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	99.1728	11.65	0.00	2478591				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	7.3245	12.02	0.00	1309504				

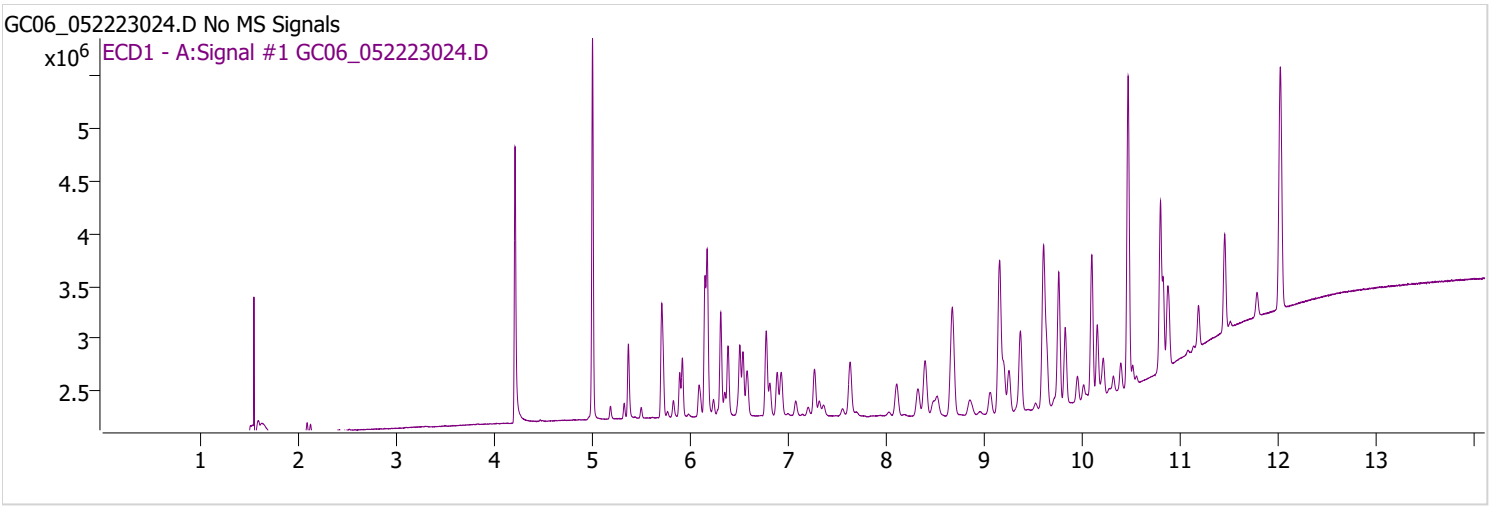


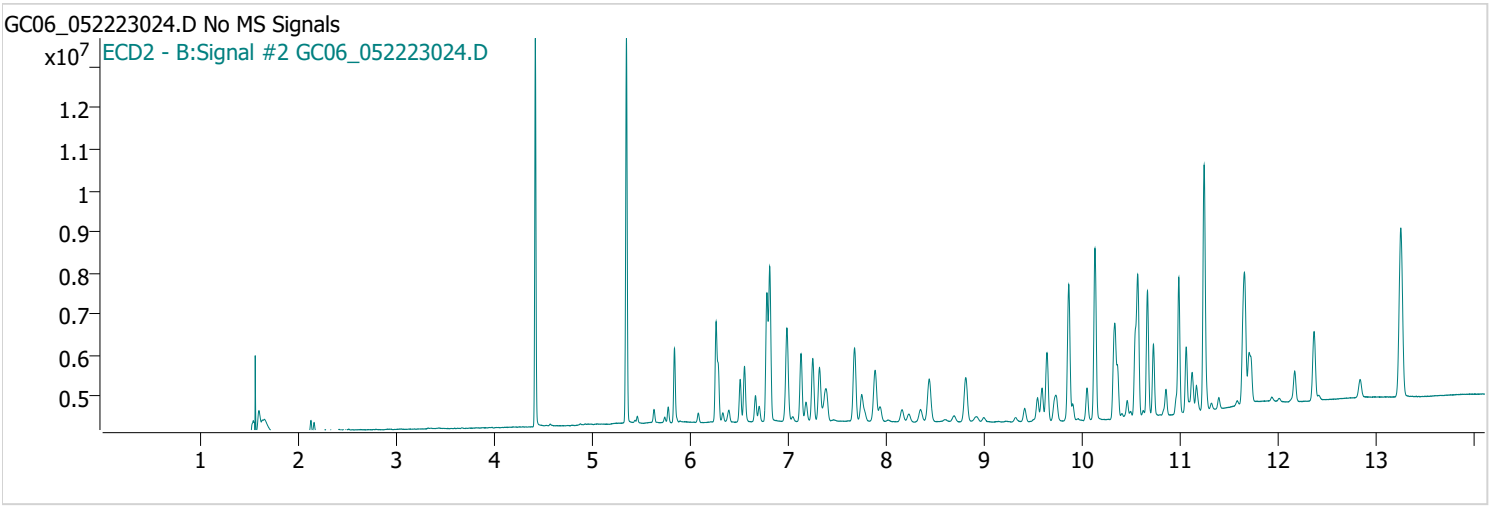
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	7.3991	13.25	0.00	2783992				



Quantitation Results Report (Not Reviewed)

Data File	GC06_052223024.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	5/22/2023 9:19:49 PM
Sample Name	ICAL, S18183	Instrument	SVOA-GC06
Vial	15	Multiplier	1.00
DA Method File	PCB_608_052223_GC06_1.m	Comment	
Tune File	ATUNE.U	Tune Date	
Batch Name	052223PCBICAL.batch.bin	Last Calib Update	5/23/2023 1:35:07 PM
Ref Library			



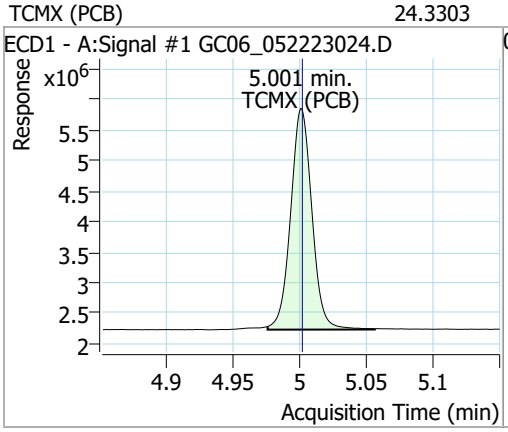


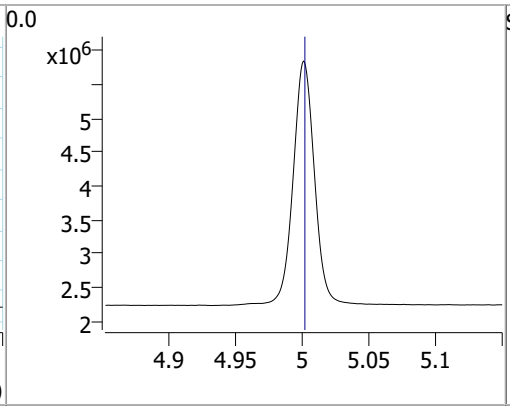
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M 1-bromo-2-nitrobenzene (PCB)	4.210	0.0	3136143.427	20.0000	ng/ml	0.000
M 1-bromo-2-nitrobenzene (PCB) #2	4.418	0.0	8348445.363	20.0000	ng/ml	0.000
System Monitoring Compounds						
S TCMX (PCB)	5.001	0.0	4044893.271	24.3303	ng/ml	0.000
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 121.65%		
S TCMX (PCB) #2	5.348	0.0	10185652.533	23.0664	ng/ml	0.000
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 115.33%		
S Decachlorobiphenyl (PCB)	12.021	0.0	4744254.847	22.8562	ng/ml	0.000
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 114.28%		
S Decachlorobiphenyl (PCB) #2	13.251	0.0	10006446.561	22.8209	ng/ml	0.003
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 114.10%		
Target Compounds						QValue

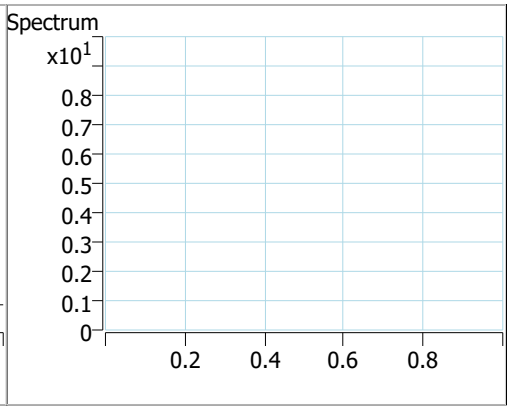
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T AR1016 1	5.367	0.0	936484.508	269.7910	ng/ml		100
T AR1016 2	5.708	0.0	1884947.854	265.9067	ng/ml		100
T AR1016 1 #2	5.838	0.0	2238072.148	257.6467	ng/ml		100
T AR1016 3	6.171	0.0	2399825.850	265.4190	ng/ml	m	100
T AR1016 2 #2	6.263	0.0	4915000.875	252.0712	ng/ml		100
T AR1016 4	6.310	0.0	1451202.229	260.6226	ng/ml		100
T AR1016 5	6.504	0.0	1122667.609	271.6534	ng/ml		100
T AR1016 3 #2	6.809	0.0	6155247.343	262.6312	ng/ml		100
T AR1016 4 #2	6.985	0.0	4346212.881	257.1933	ng/ml		100
T AR1016 5 #2	7.249	0.0	2507043.778	264.9863	ng/ml		100
T AR1260 1	8.673	0.0	2777992.308	268.0497	ng/ml		100
T AR1260 2	9.157	0.0	4275197.530	271.1918	ng/ml		100
T AR1260 3	9.605	0.0	4289839.545	253.8774	ng/ml		100
T AR1260 1 #2	9.862	0.0	6044954.821	255.6348	ng/ml		100
T AR1260 4	10.097	0.0	2431958.450	263.2901	ng/ml		100
T AR1260 2 #2	10.129	0.0	7114255.728	266.1884	ng/ml		100
T AR1260 3 #2	10.565	0.0	8510147.506	248.1026	ng/ml		100
T AR1260 5	10.798	0.0	3929741.042	261.5532	ng/ml		100
T AR1260 4 #2	10.985	0.0	5124485.687	255.6312	ng/ml		100
T AR1260 5 #2	11.654	0.0	7656893.369	262.8942	ng/ml		100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

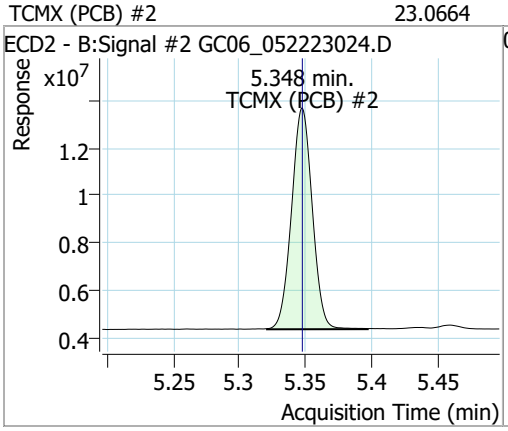
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	24.3303	5.00	0.00	4044893				

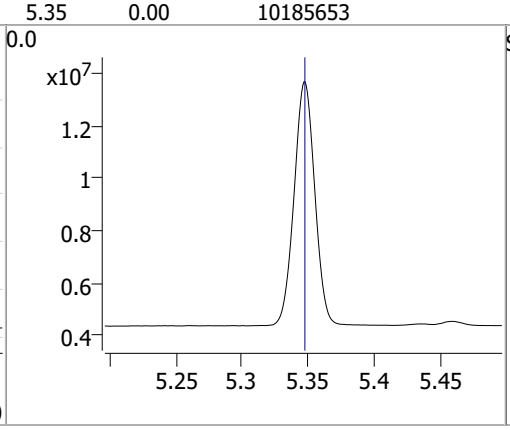


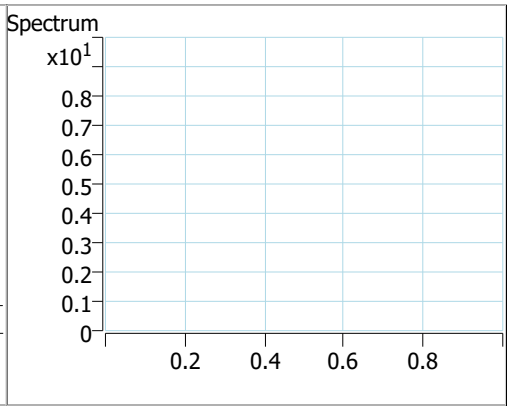




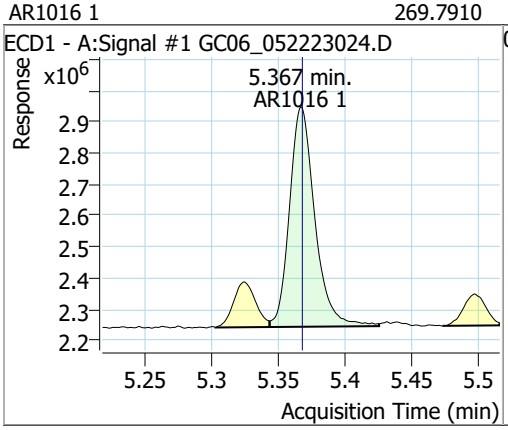
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB) #2	23.0664	5.35	0.00	10185653				

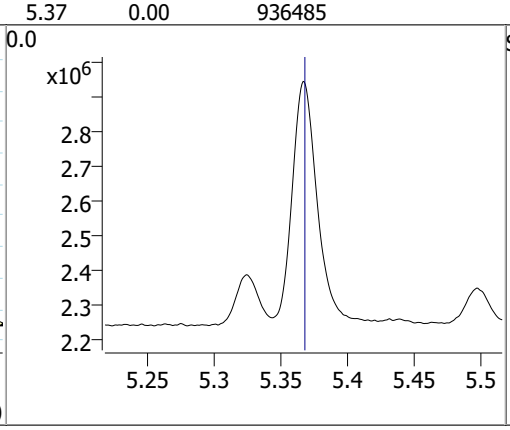


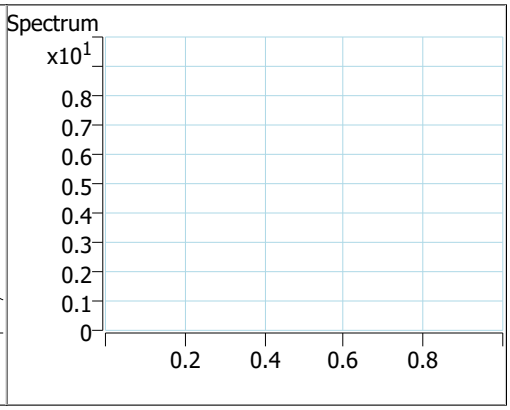




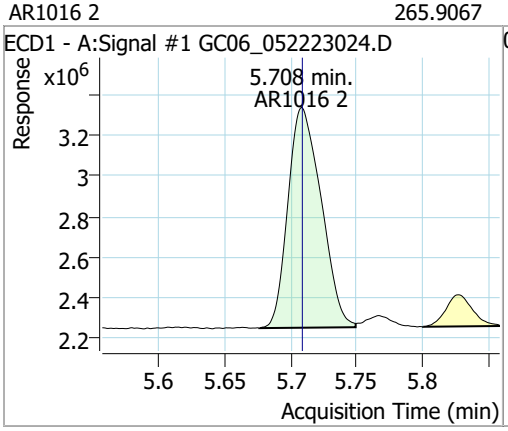
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	269.7910	5.37	0.00	936485				

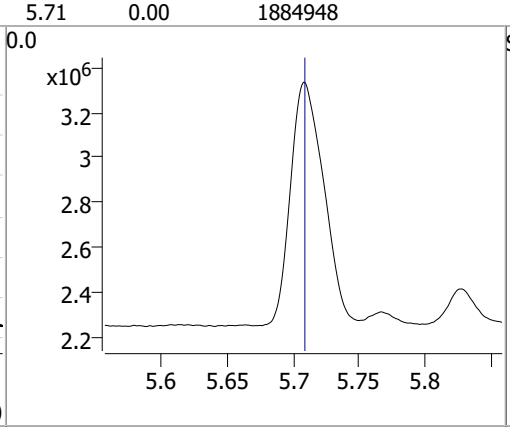


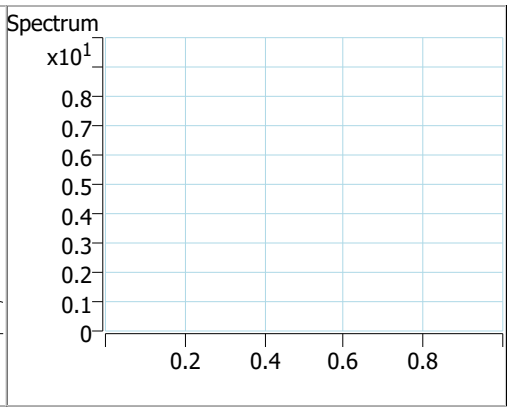




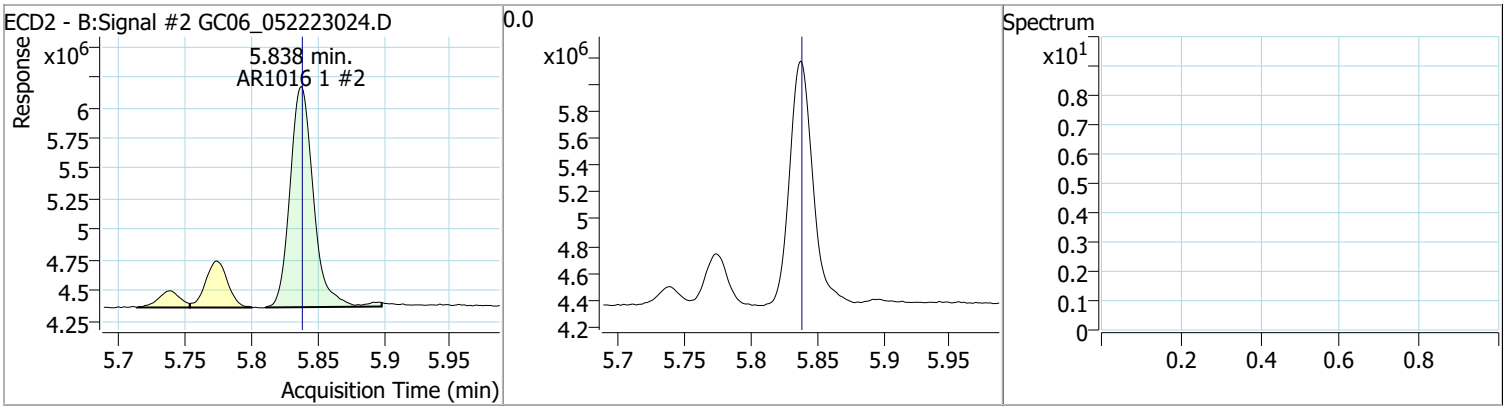
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	265.9067	5.71	0.00	1884948				



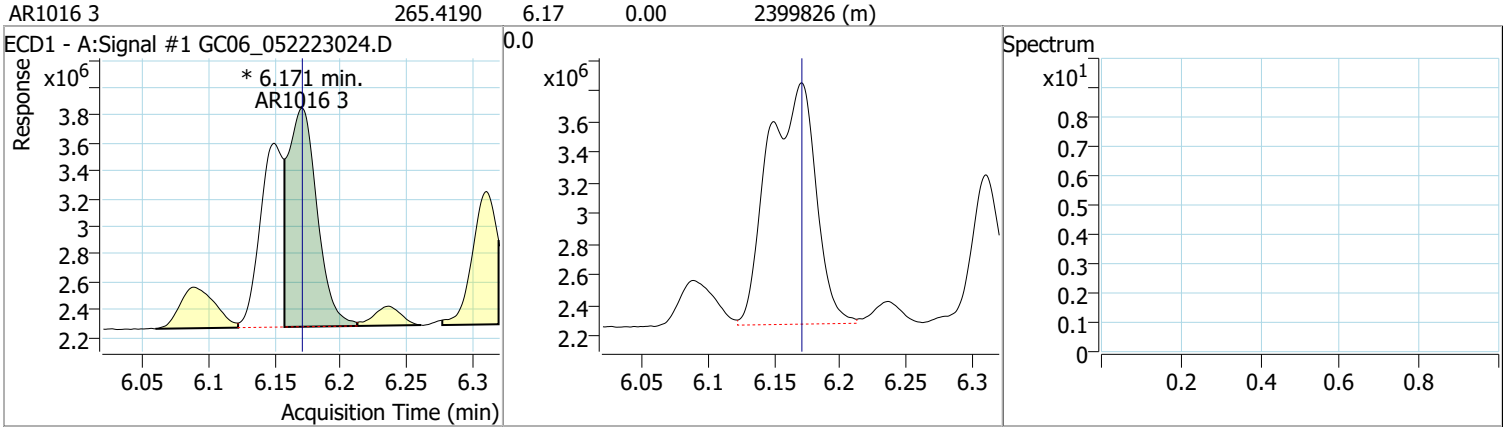




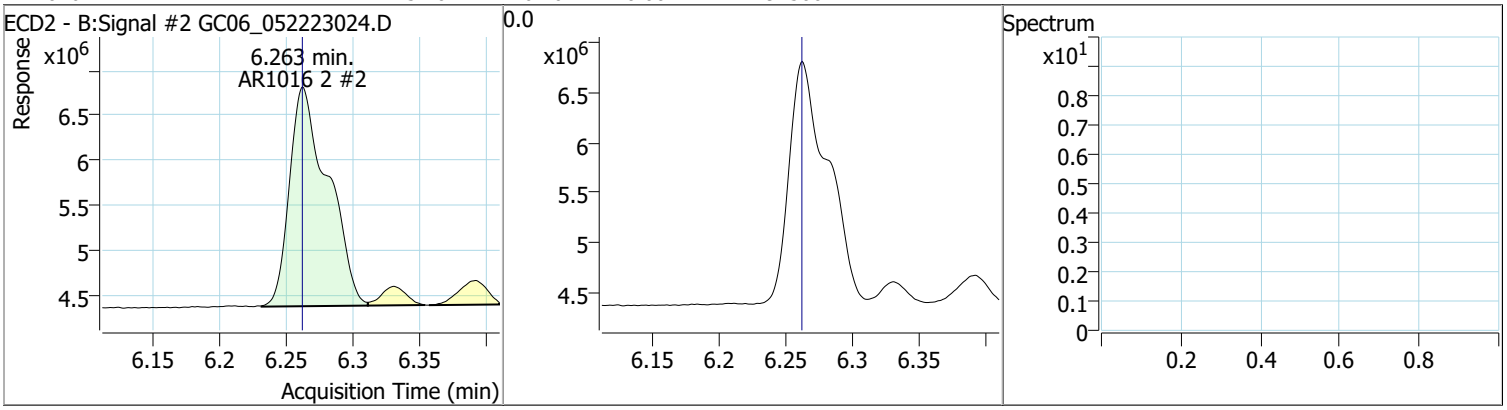
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1 #2	257.6467	5.84	0.00	2238072				



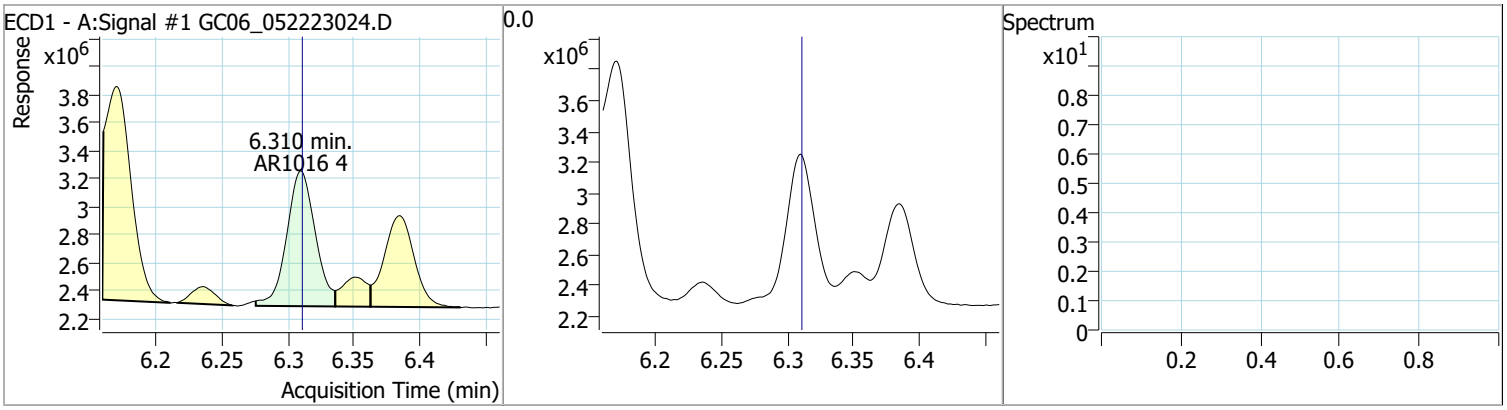
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	265.4190	6.17	0.00	2399826 (m)				



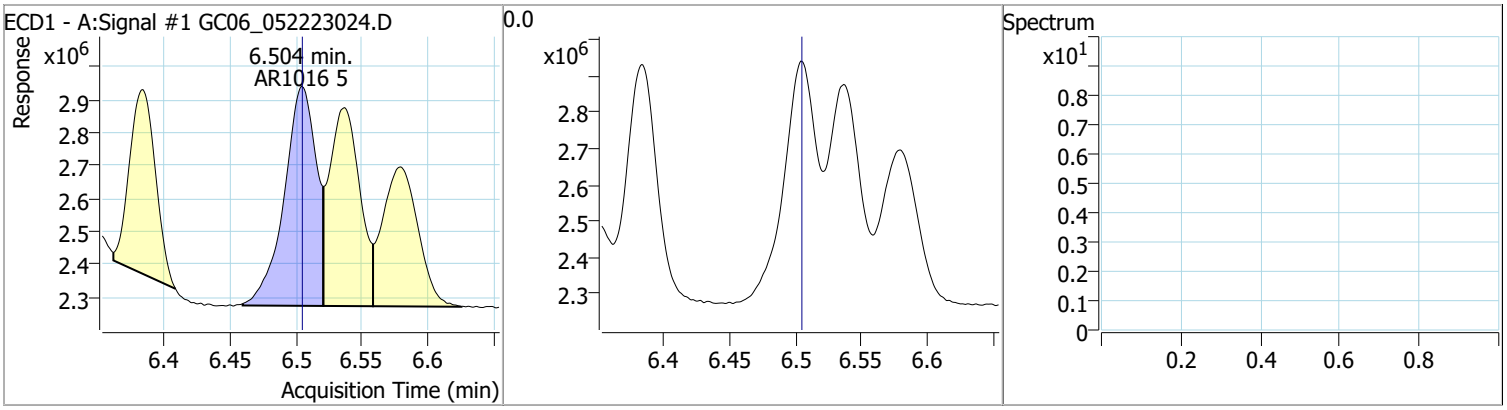
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	252.0712	6.26	0.00	4915001				



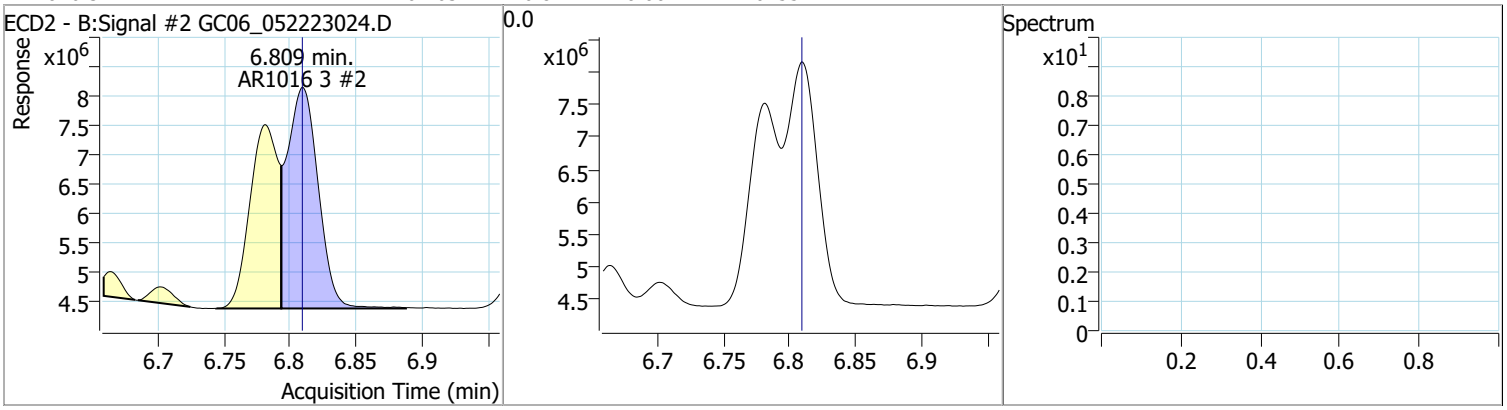
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4	260.6226	6.31	0.00	1451202				



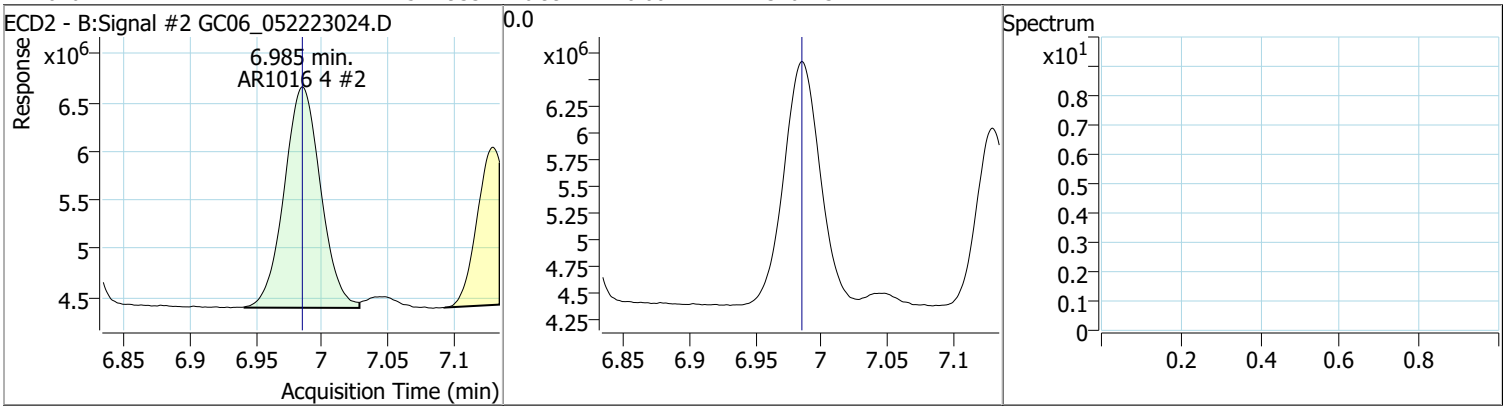
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	271.6534	6.50	0.00	1122668				



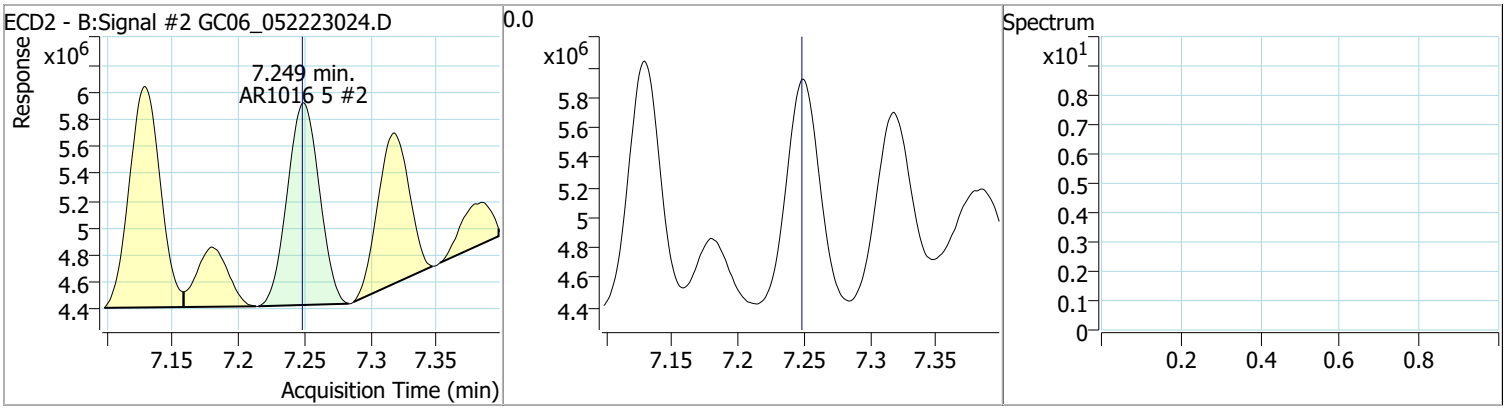
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	262.6312	6.81	0.00	6155247				



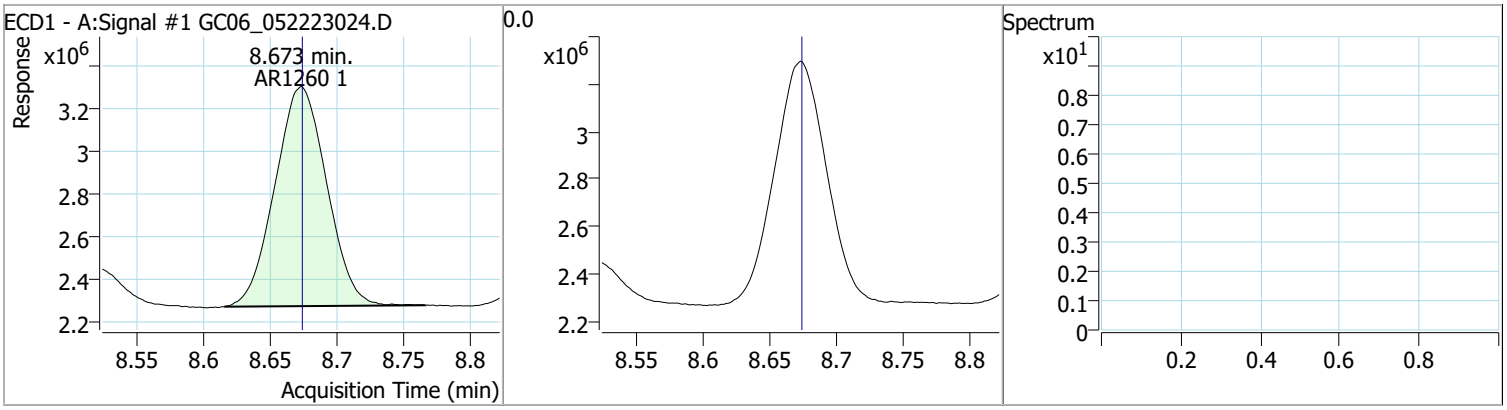
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4 #2	257.1933	6.99	0.00	4346213				



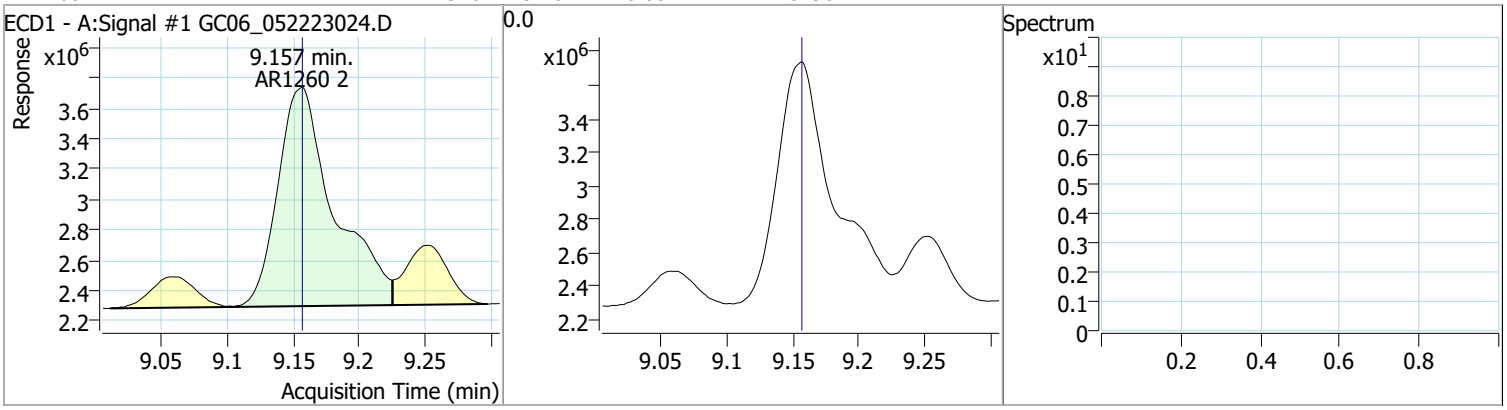
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	264.9863	7.25	0.00	2507044				



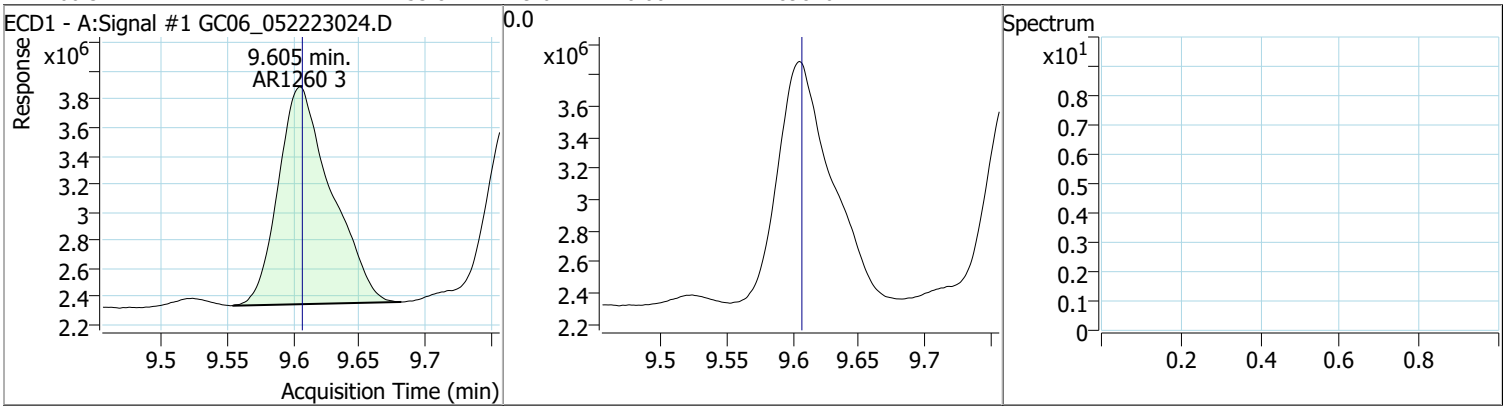
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	268.0497	8.67	0.00	2777992				



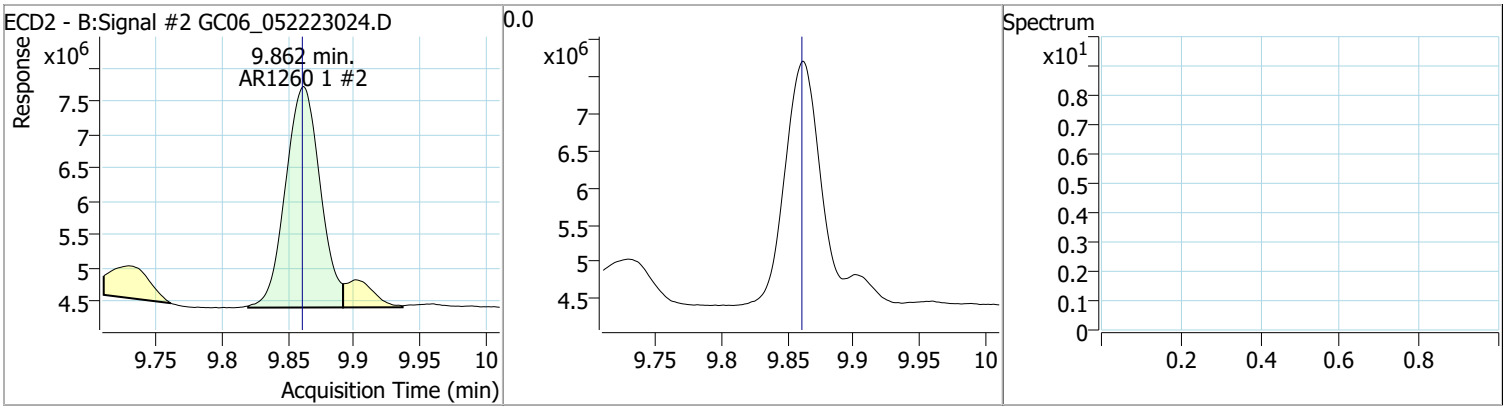
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	271.1918	9.16	0.00	4275198				



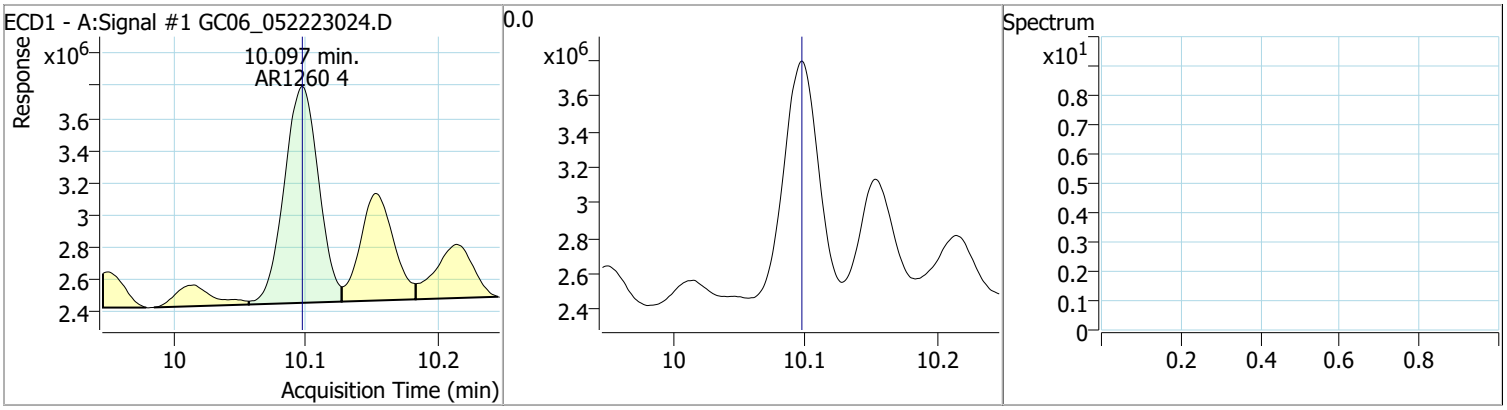
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3	253.8774	9.61	0.00	4289840				



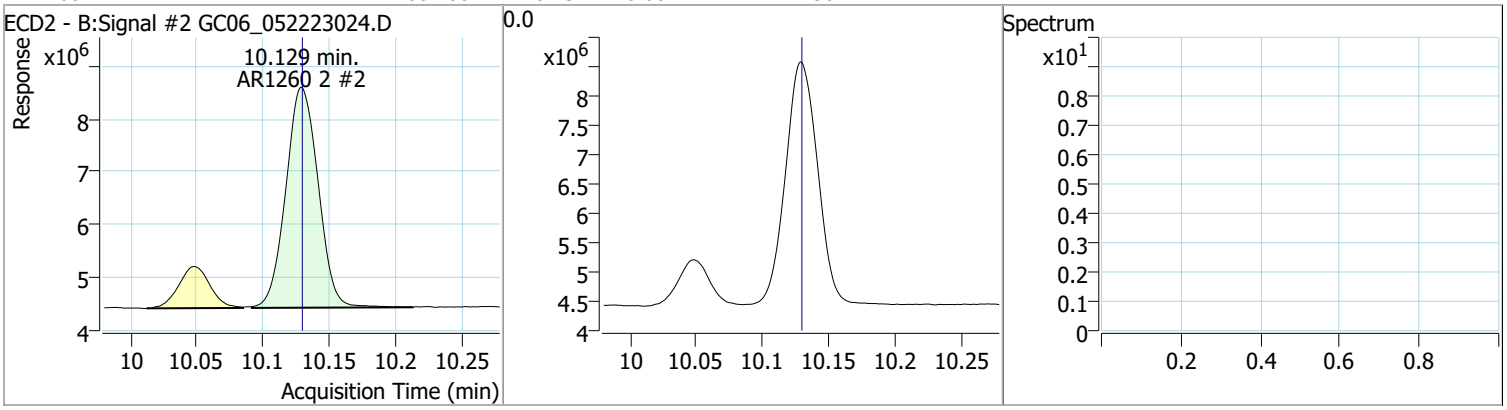
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1 #2	255.6348	9.86	0.00	6044955				



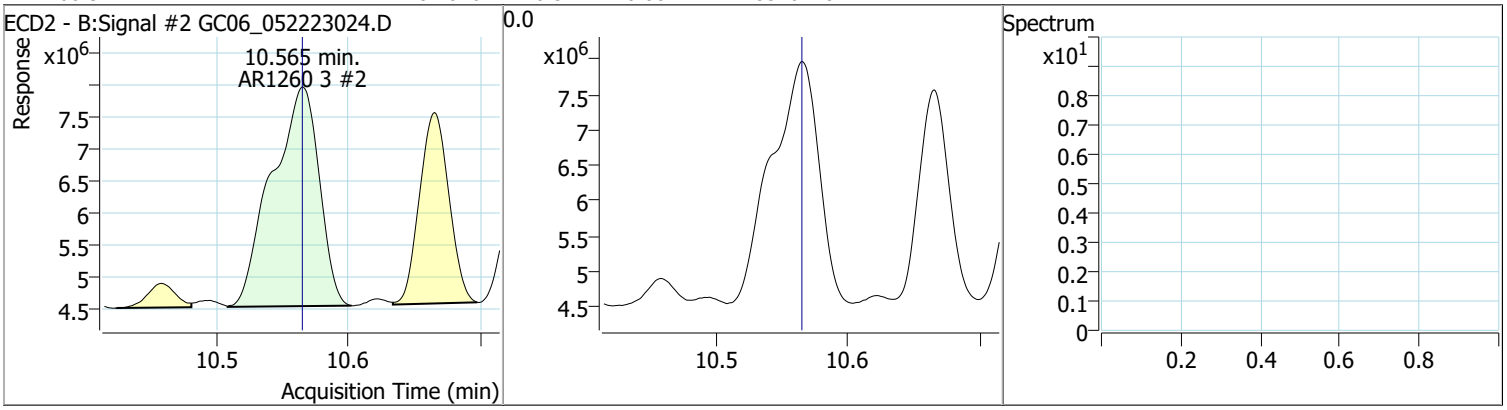
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4	263.2901	10.10	0.00	2431958				



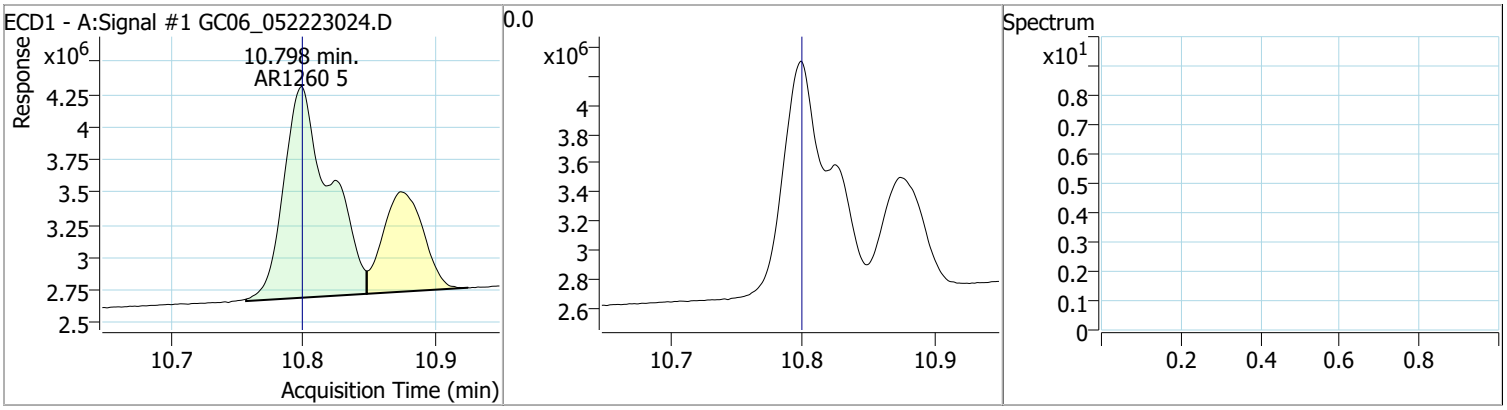
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	266.1884	10.13	0.00	7114256				



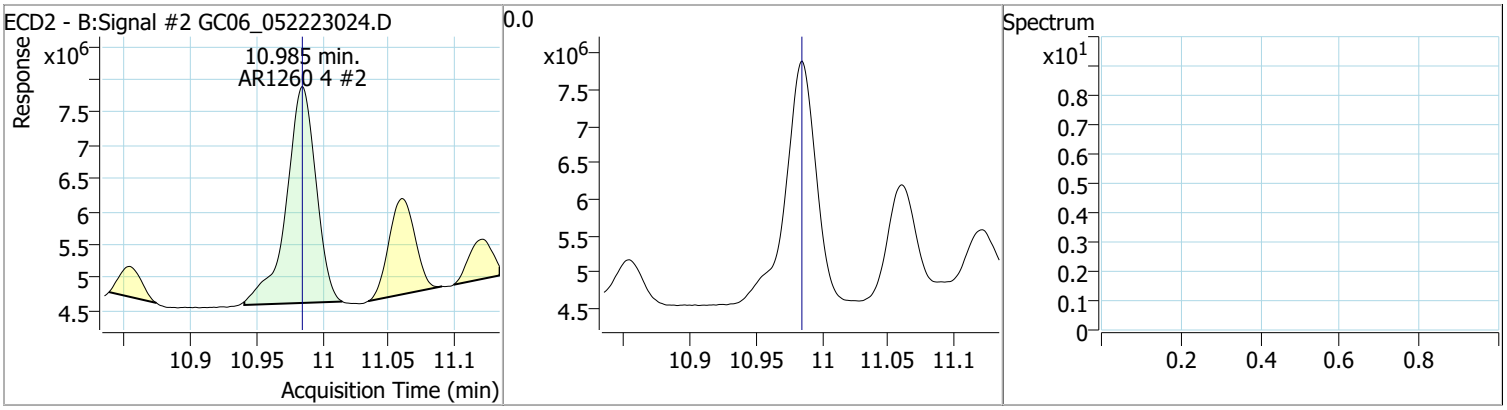
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3 #2	248.1026	10.57	0.00	8510148				



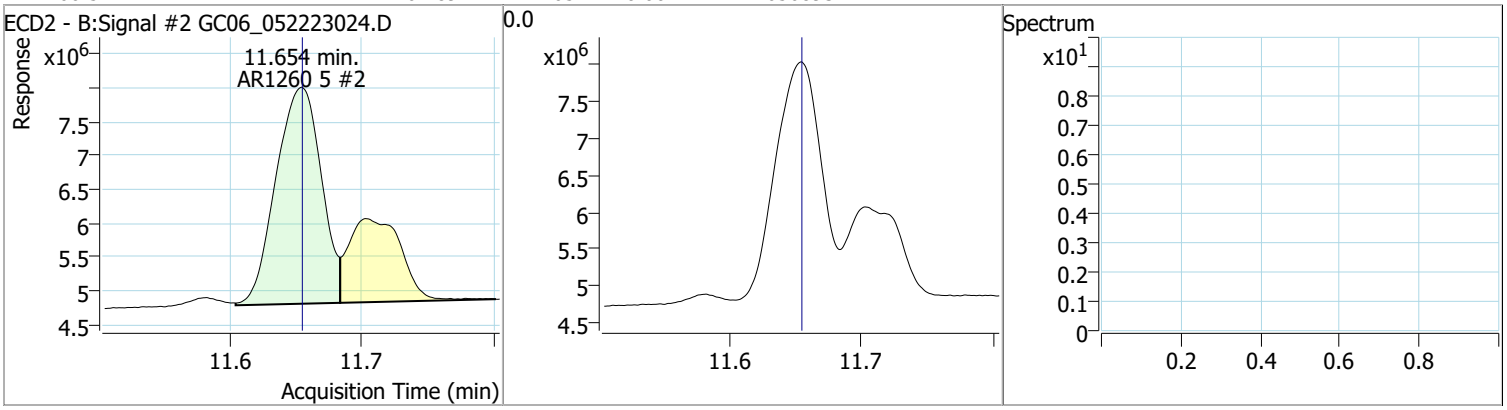
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	261.5532	10.80	0.00	3929741				



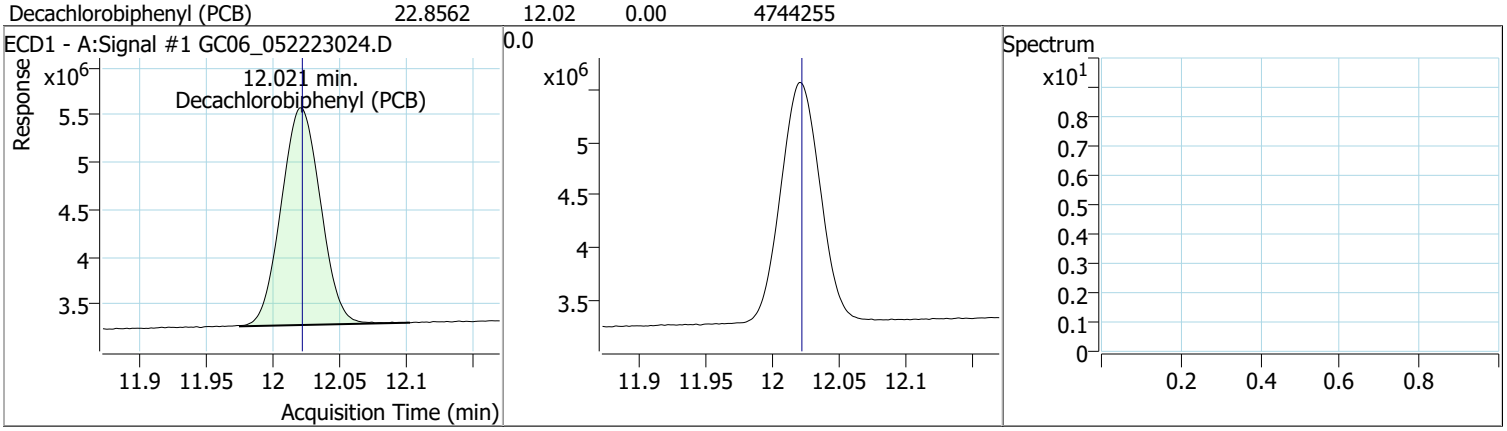
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	255.6312	10.99	0.00	5124486				



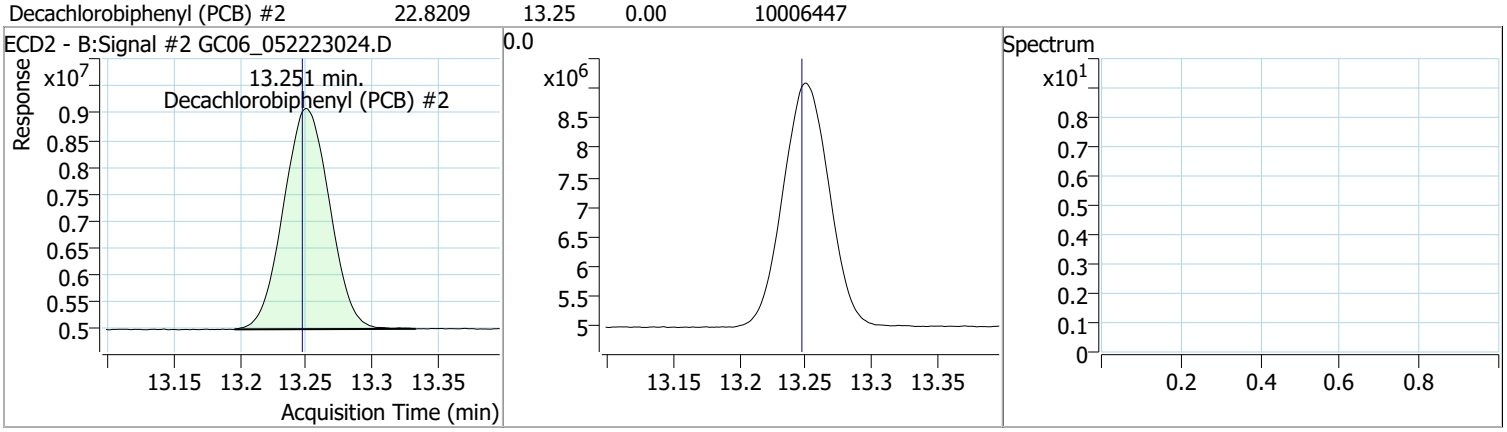
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	262.8942	11.65	0.00	7656893				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	22.8562	12.02	0.00	4744255				

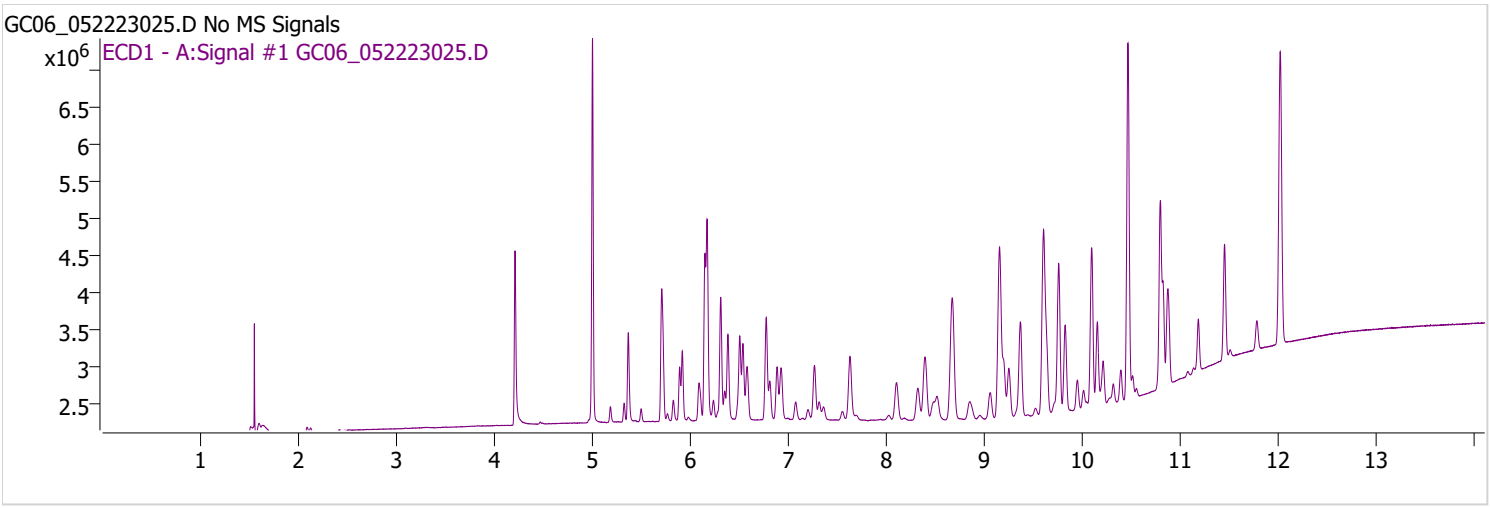


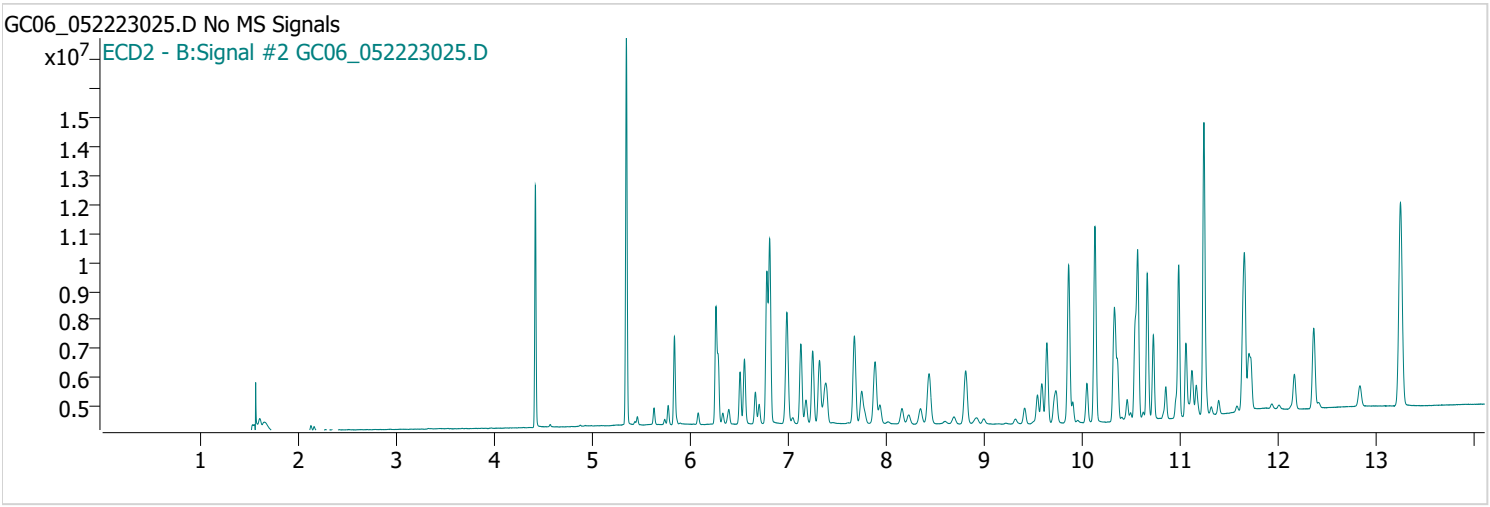
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	22.8209	13.25	0.00	10006447				



Quantitation Results Report (Not Reviewed)

Data File	GC06_052223025.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	5/22/2023 9:38:04 PM
Sample Name	ICAL, S18184	Instrument	SVOA-GC06
Vial	16	Multiplier	1.00
DA Method File	PCB_608_052223_GC06_1.m	Comment	
Tune File	ATUNE.U	Tune Date	
Batch Name	052223PCBICAL.batch.bin	Last Calib Update	5/23/2023 1:35:07 PM
Ref Library			



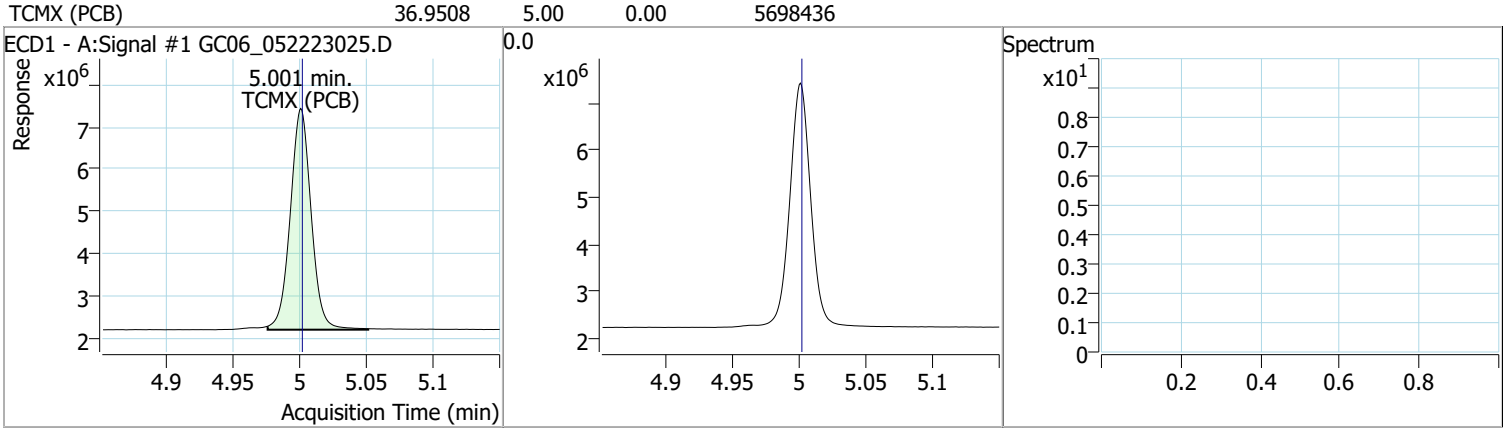


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1-bromo-2-nitrobenzene (PCB)	4.210	0.0	2909160.850	20.0000	ng/ml		0.000
M 1-bromo-2-nitrobenzene (PCB) #2	4.418	0.0	7736690.508	20.0000	ng/ml		0.000
System Monitoring Compounds							
S TCMX (PCB)	5.001	0.0	5698436.221	36.9508	ng/ml		0.000
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 184.75%		*	
S TCMX (PCB) #2	5.347	0.0	14422780.515	35.2444	ng/ml		0.000
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 176.22%		*	
S Decachlorobiphenyl (PCB)	12.021	0.0	8235314.071	42.7706	ng/ml		0.000
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 213.85%		*	
S Decachlorobiphenyl (PCB) #2	13.248	0.0	17429121.972	42.8923	ng/ml		0.000
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 214.46%		*	
Target Compounds							QValue

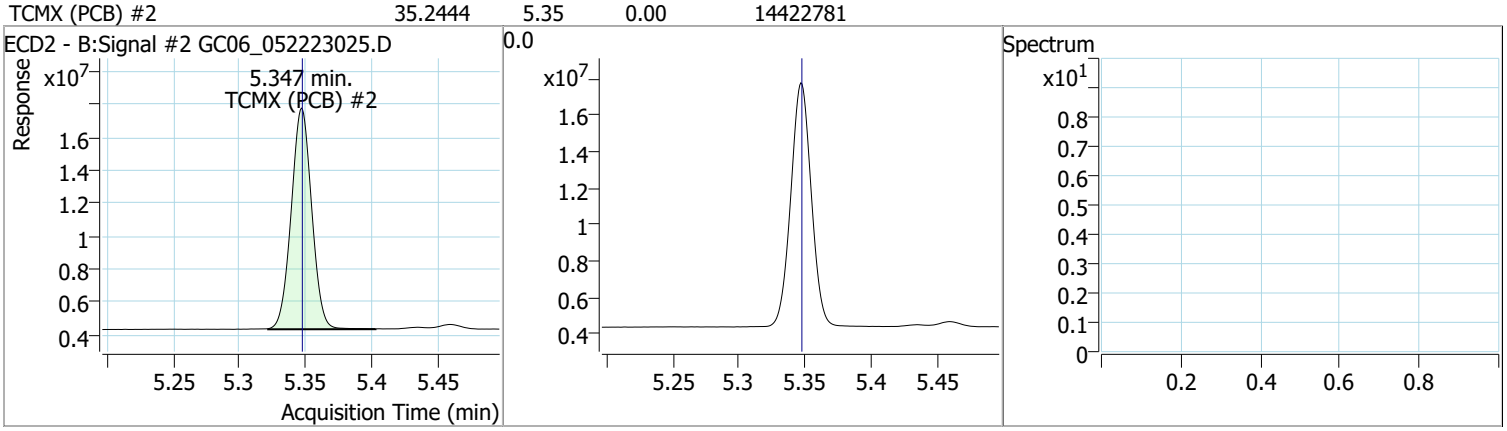
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T AR1016 1	5.367	0.0	1587697.381	493.0862	ng/ml		100
T AR1016 2	5.708	0.0	3194236.385	485.7638	ng/ml		100
T AR1016 1 #2	5.838	0.0	3863996.183	479.9959	ng/ml		100
T AR1016 3	6.170	0.0	4069268.054	485.1731	ng/ml	m	100
T AR1016 2 #2	6.262	0.0	8381400.783	463.8384	ng/ml		100
T AR1016 4	6.310	0.0	2478271.102	479.8010	ng/ml		100
T AR1016 5	6.504	0.0	1917743.498	500.2449	ng/ml		100
T AR1016 3 #2	6.809	0.0	10472814.879	482.1860	ng/ml		100
T AR1016 4 #2	6.985	0.0	7430722.951	474.4934	ng/ml		100
T AR1016 5 #2	7.248	0.0	4251602.201	484.9138	ng/ml		100
T AR1260 1	8.673	0.0	4542854.829	472.5429	ng/ml		100
T AR1260 2	9.156	0.0	6987477.539	477.8252	ng/ml		100
T AR1260 3	9.606	0.0	7059312.169	450.3742	ng/ml		100
T AR1260 1 #2	9.861	0.0	10000980.937	456.3729	ng/ml		100
T AR1260 4	10.096	0.0	4024736.519	469.7254	ng/ml		100
T AR1260 2 #2	10.130	0.0	11654142.726	470.5333	ng/ml		100
T AR1260 3 #2	10.565	0.0	14145764.822	445.0113	ng/ml		100
T AR1260 5	10.798	0.0	6496936.823	466.1577	ng/ml		100
T AR1260 4 #2	10.985	0.0	8664032.985	466.3736	ng/ml		100
T AR1260 5 #2	11.655	0.0	12665086.608	469.2312	ng/ml		100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

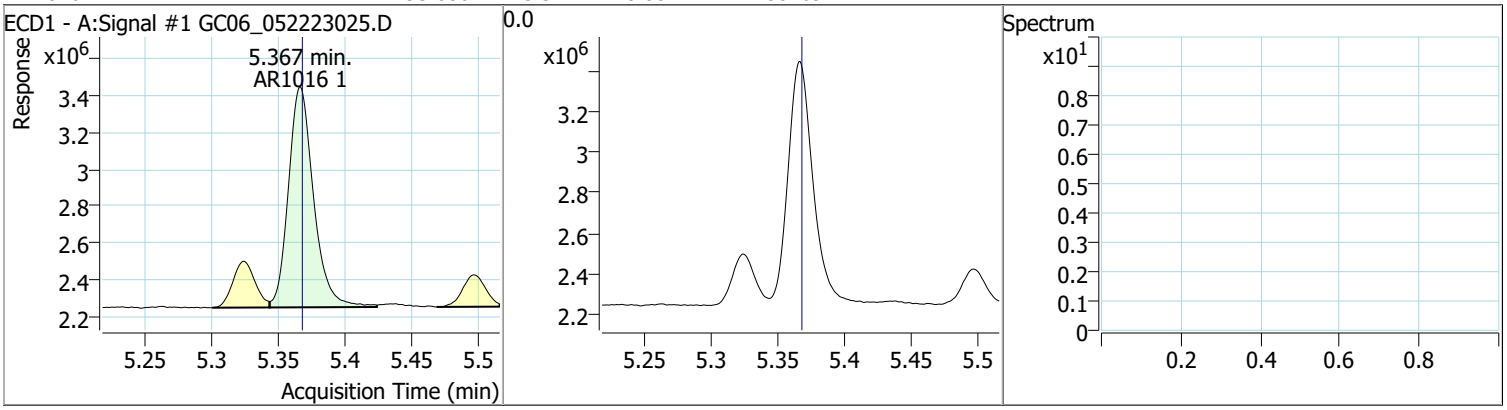
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	36.9508	5.00	0.00	5698436				



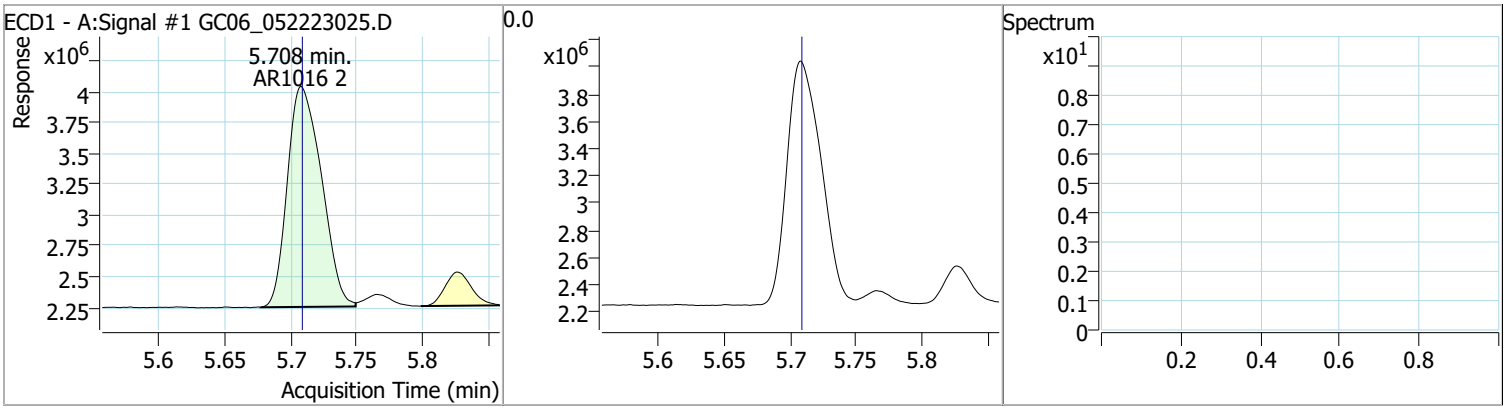
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB) #2	35.2444	5.35	0.00	14422781				



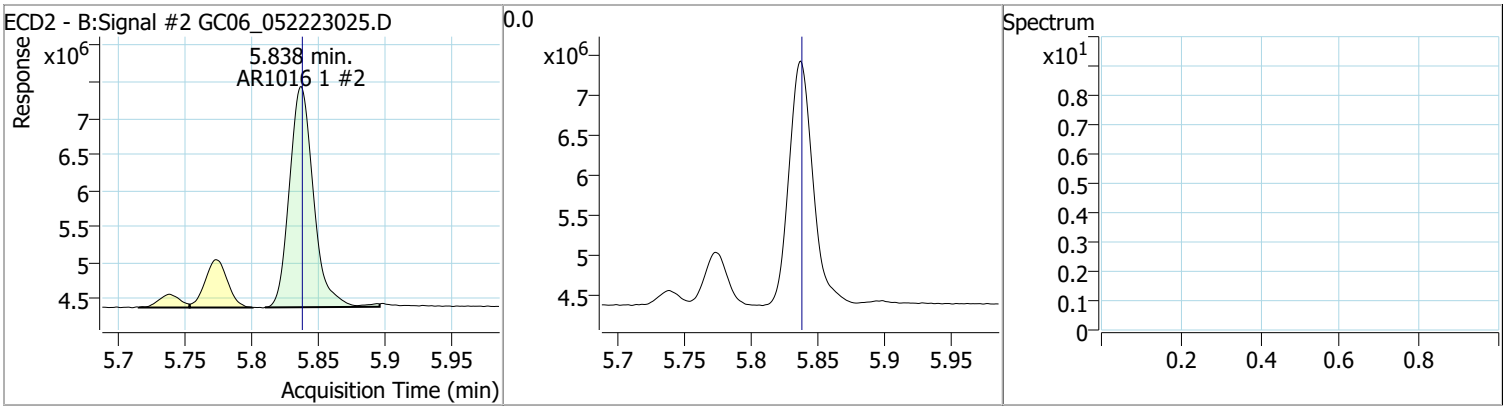
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	493.0862	5.37	0.00	1587697				



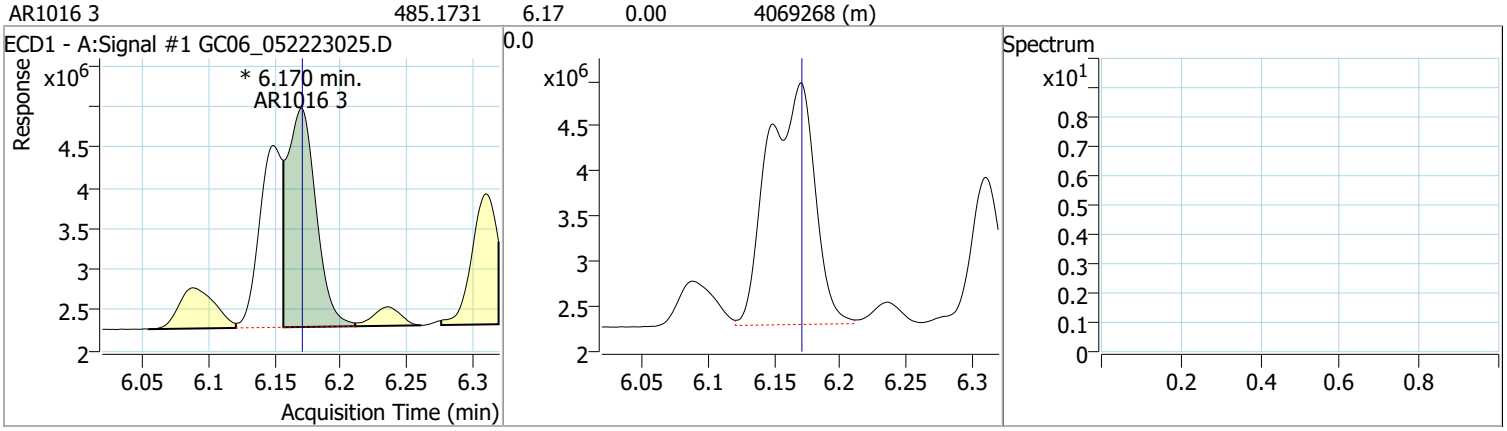
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	485.7638	5.71	0.00	3194236				



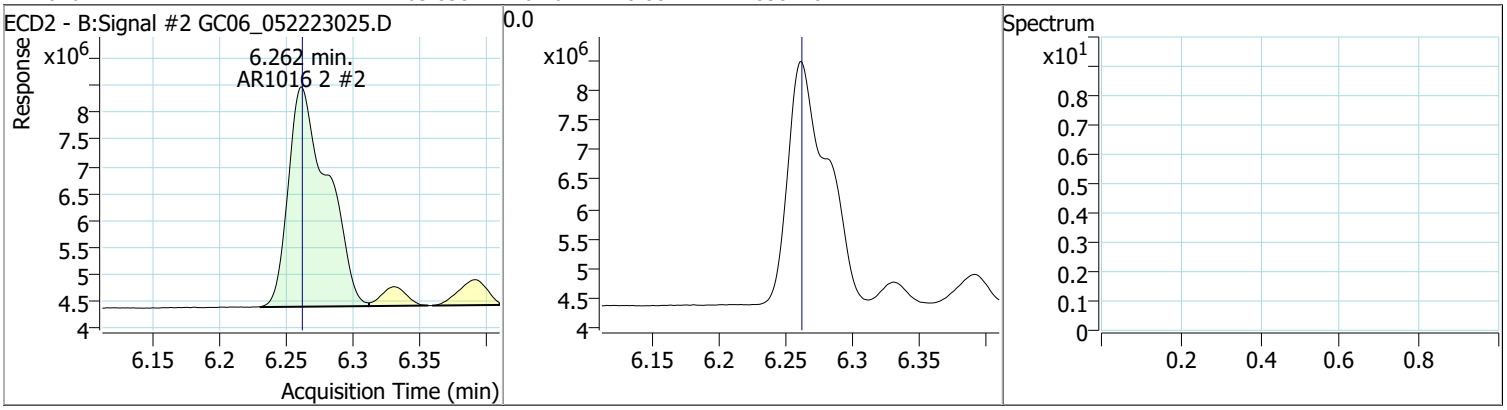
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1 #2	479.9959	5.84	0.00	3863996				



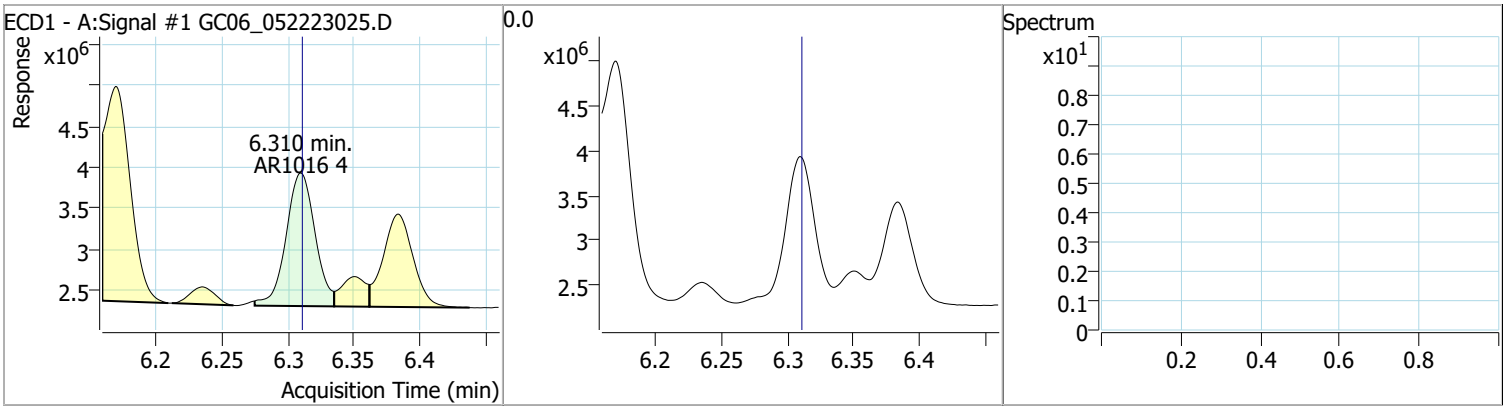
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	485.1731	6.17	0.00	4069268 (m)				



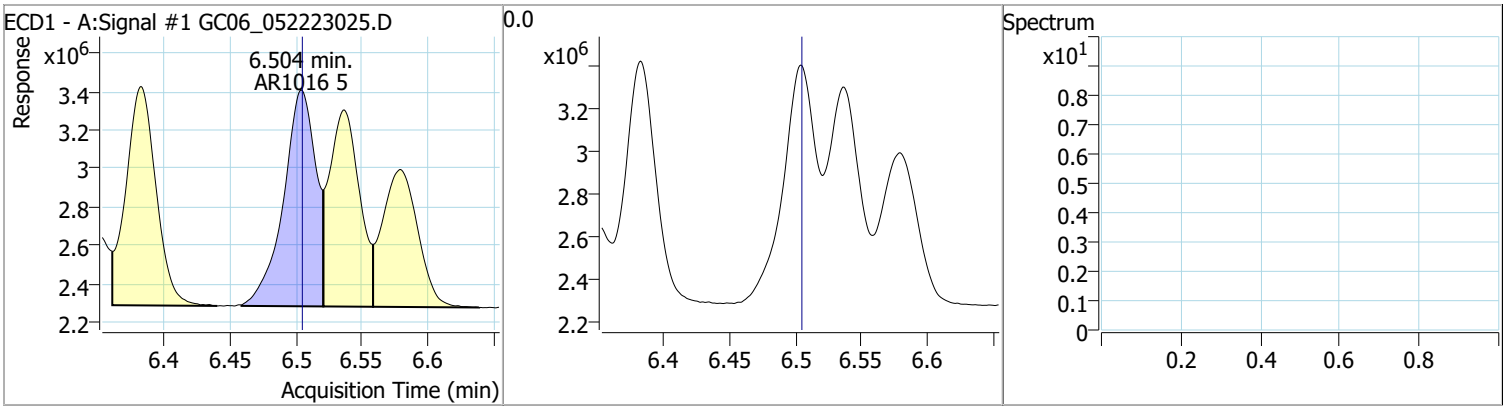
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	463.8384	6.26	0.00	8381401				



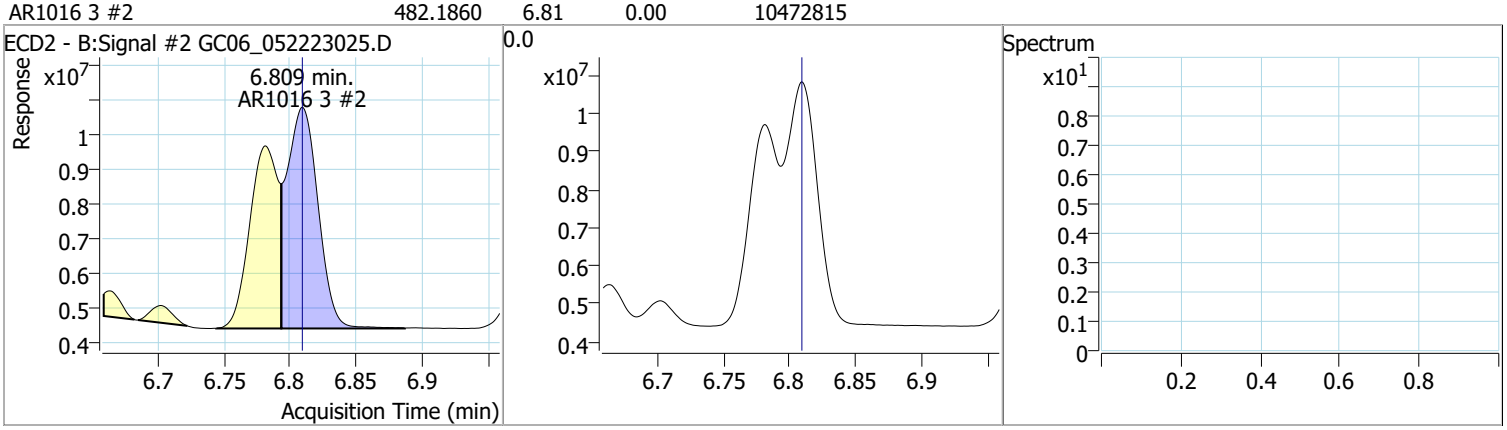
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4	479.8010	6.31	0.00	2478271				



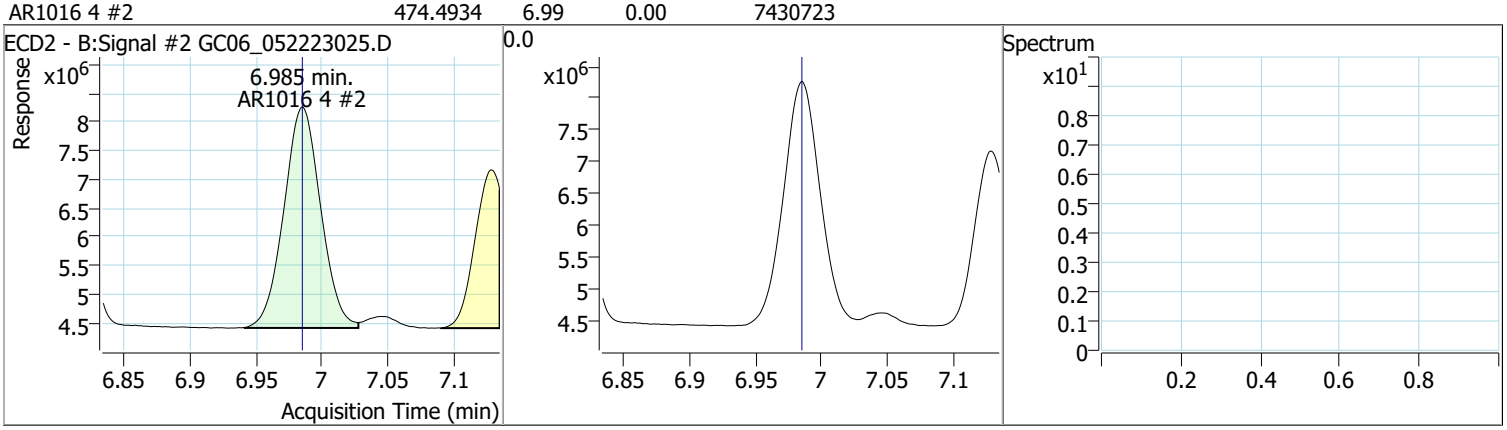
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	500.2449	6.50	0.00	1917743				



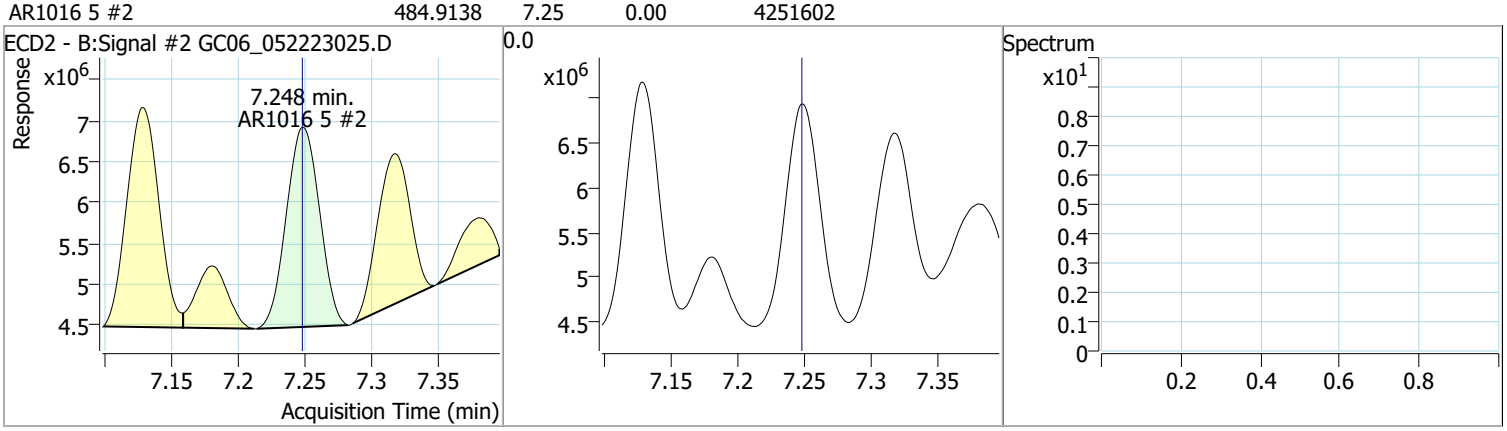
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	482.1860	6.81	0.00	10472815				



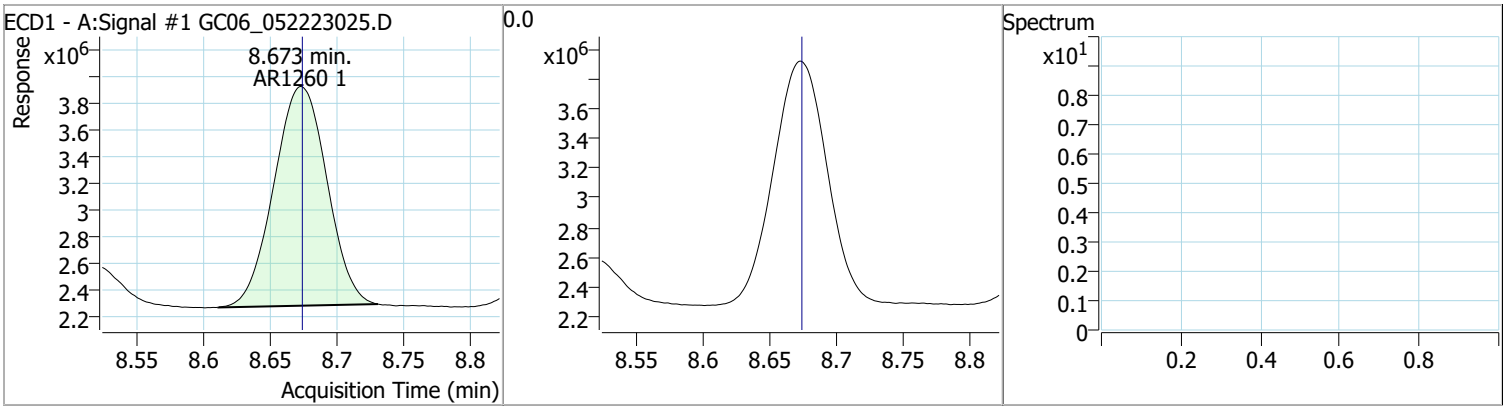
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4 #2	474.4934	6.99	0.00	7430723				



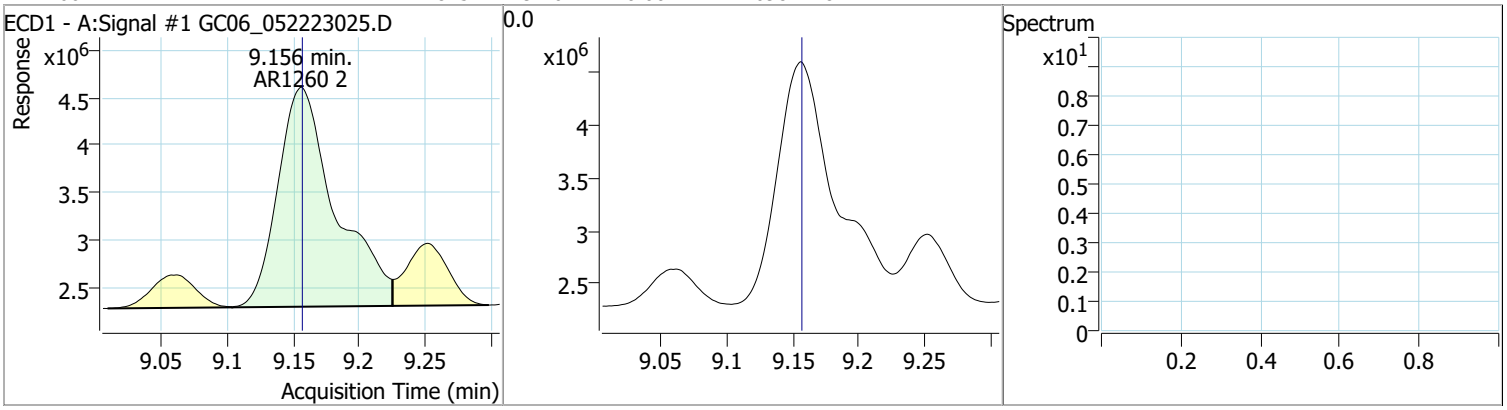
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	484.9138	7.25	0.00	4251602				



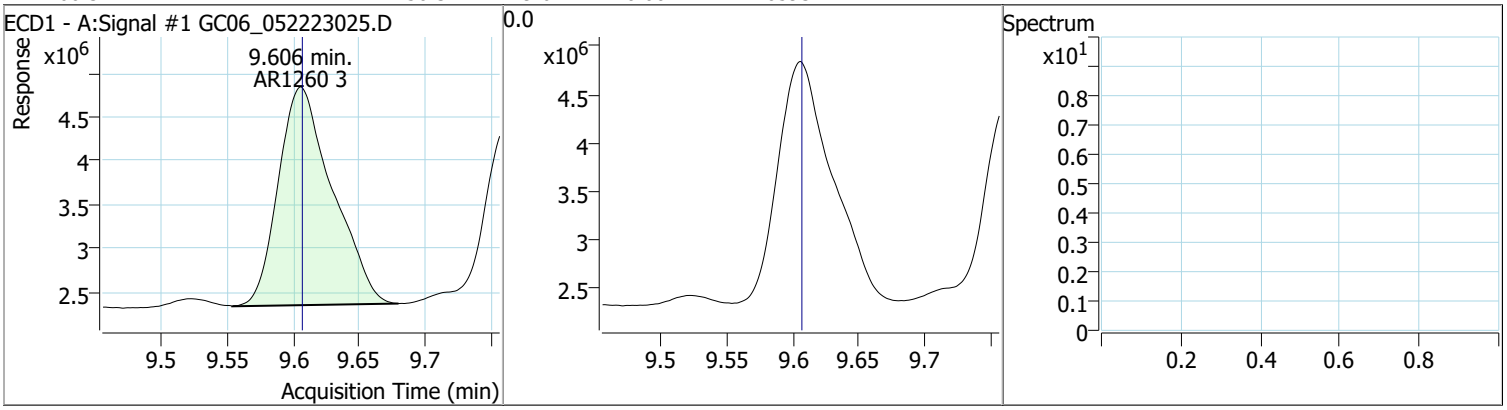
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	472.5429	8.67	0.00	4542855				



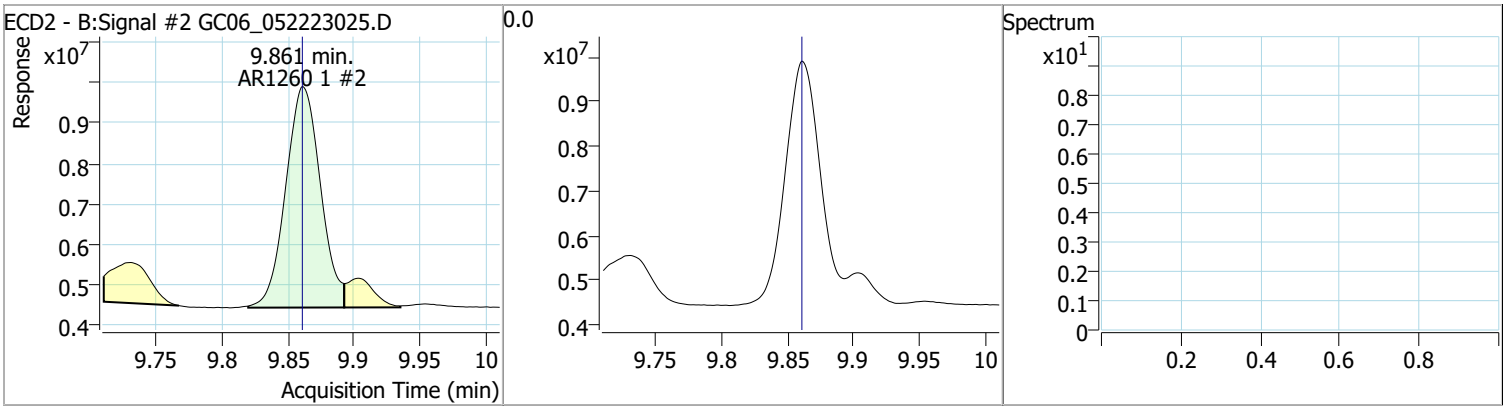
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	477.8252	9.16	0.00	6987478				



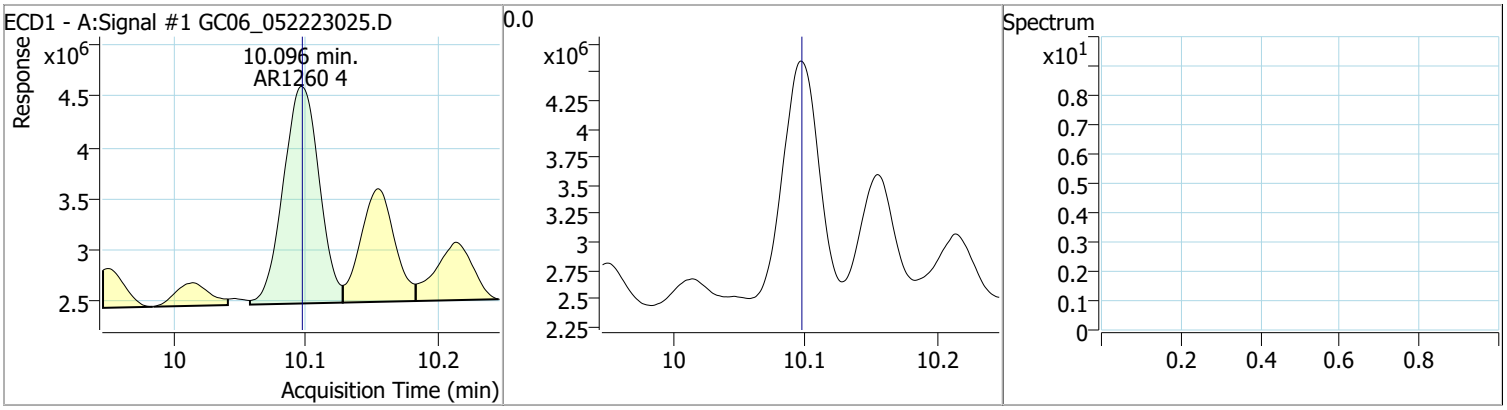
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3	450.3742	9.61	0.00	7059312				



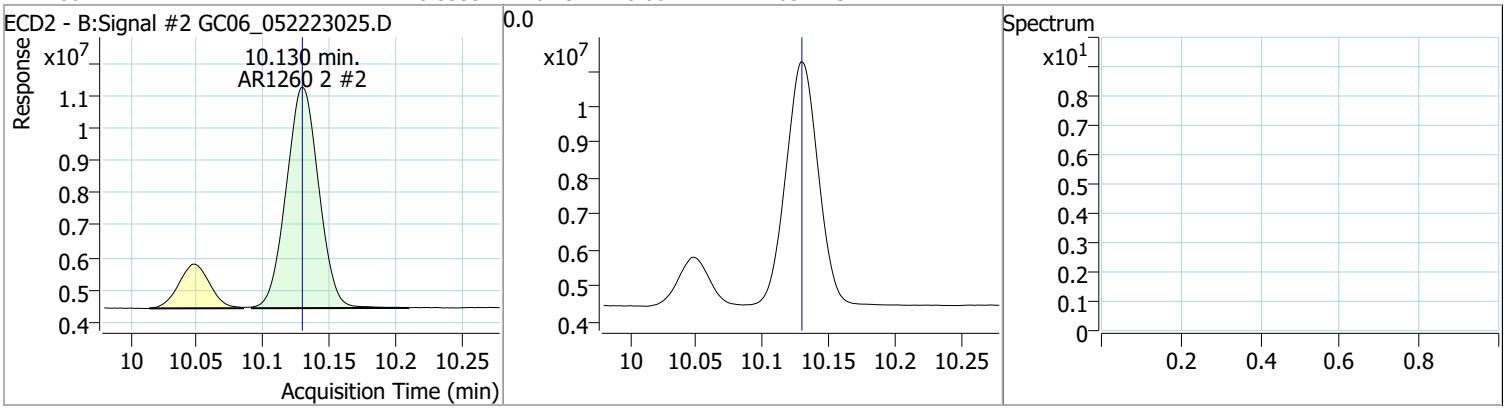
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1 #2	456.3729	9.86	0.00	10000981				



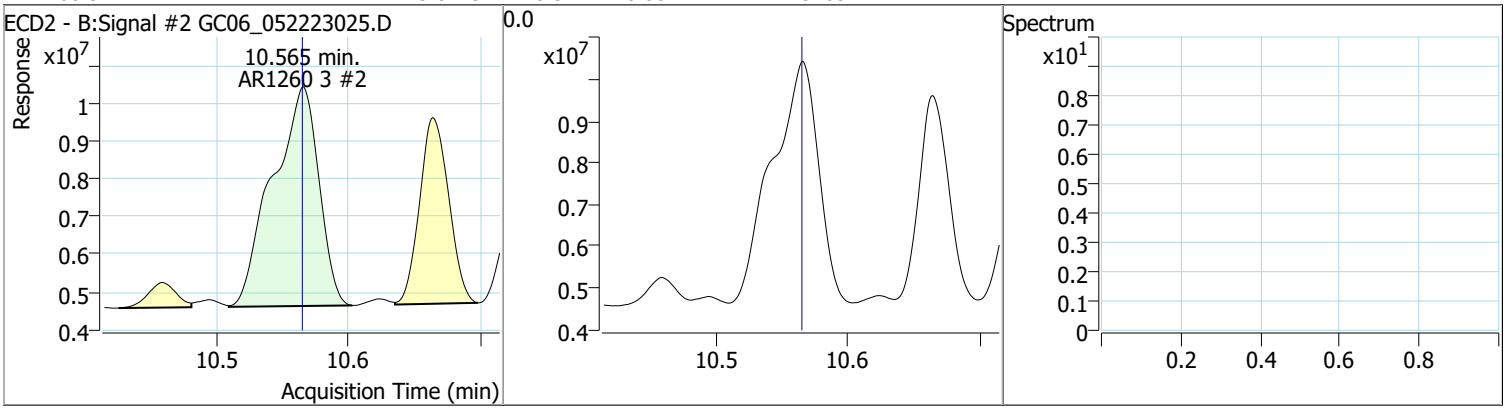
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4	469.7254	10.10	0.00	4024737				



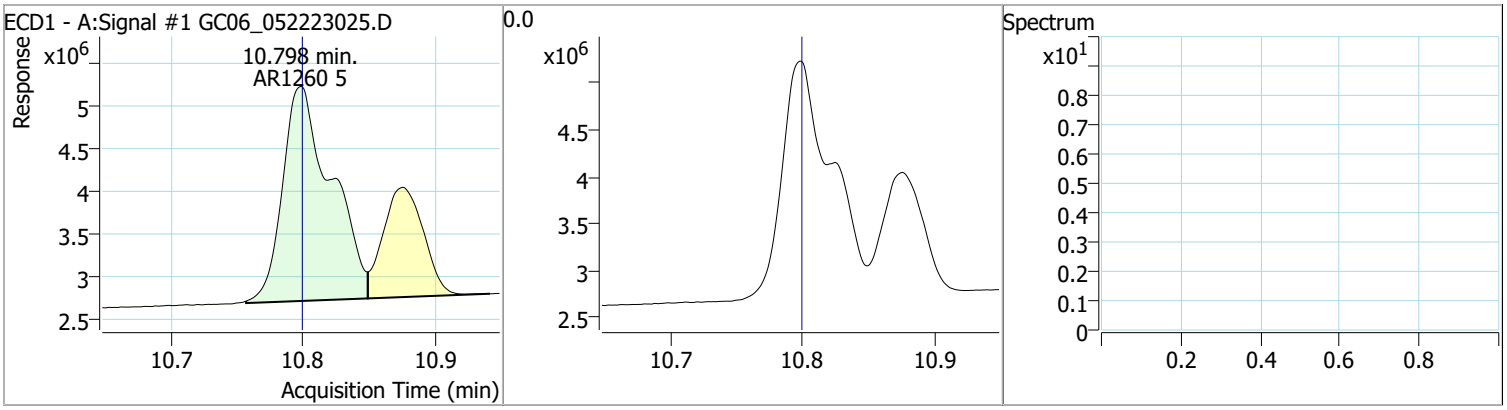
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	470.5333	10.13	0.00	11654143				



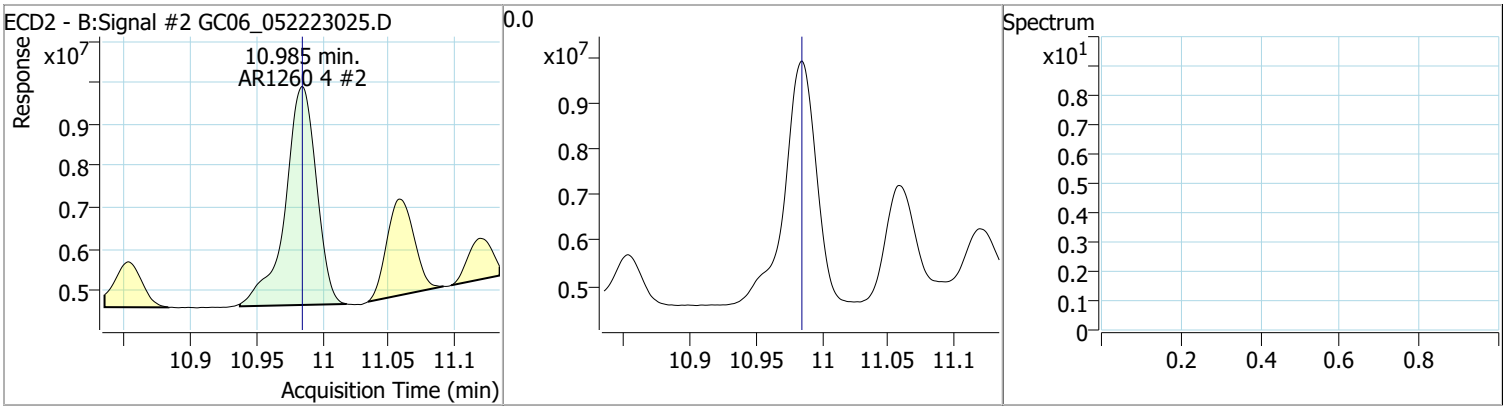
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3 #2	445.0113	10.57	0.00	14145765				



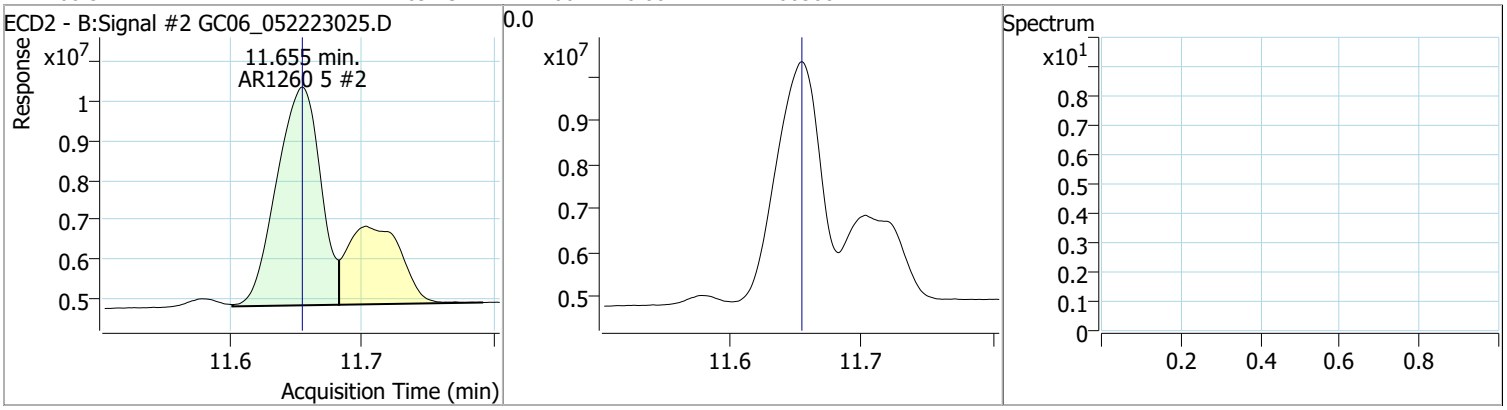
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	466.1577	10.80	0.00	6496937				



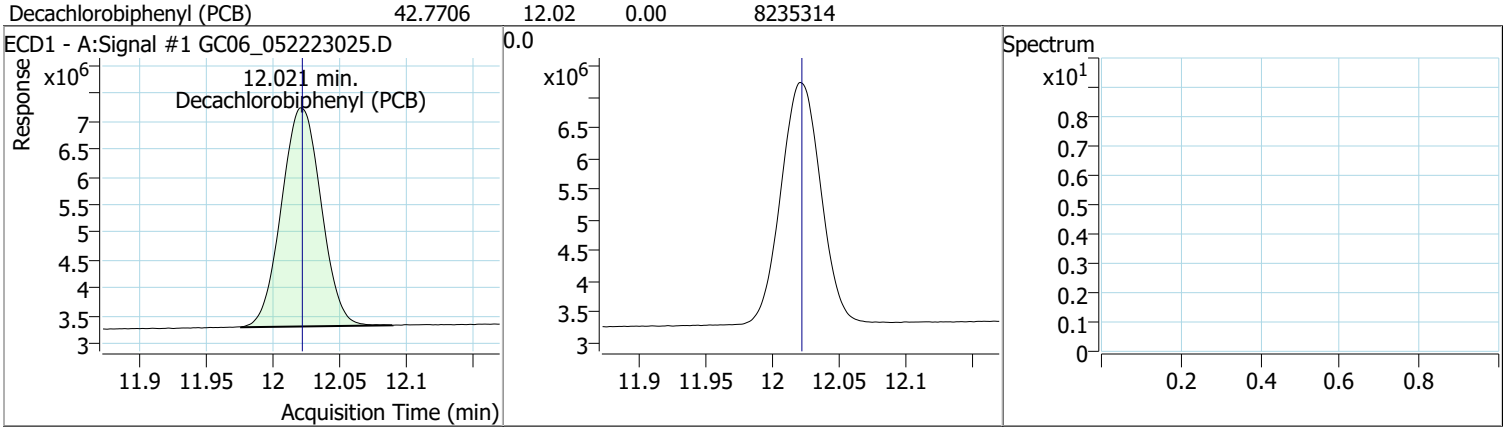
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	466.3736	10.99	0.00	8664033				



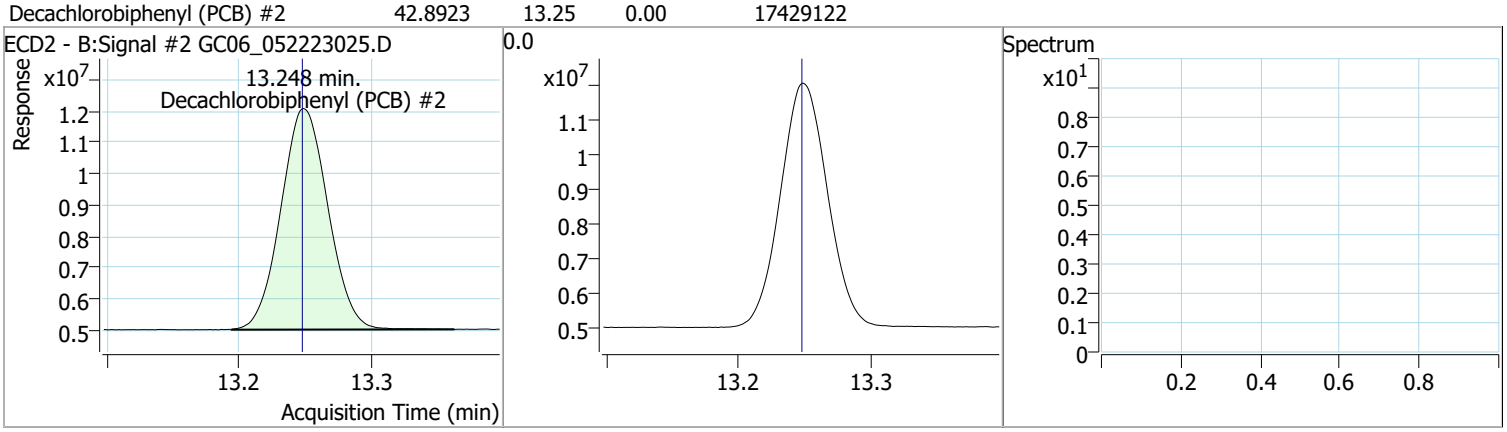
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	469.2312	11.66	0.00	12665087				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	42.7706	12.02	0.00	8235314				

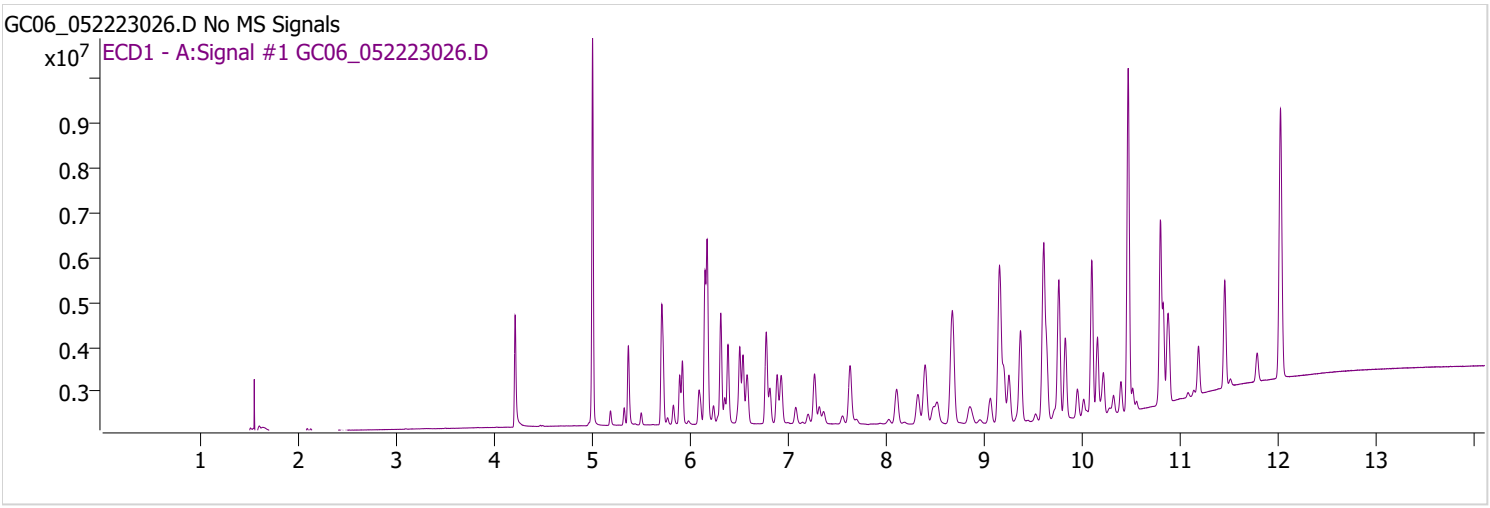


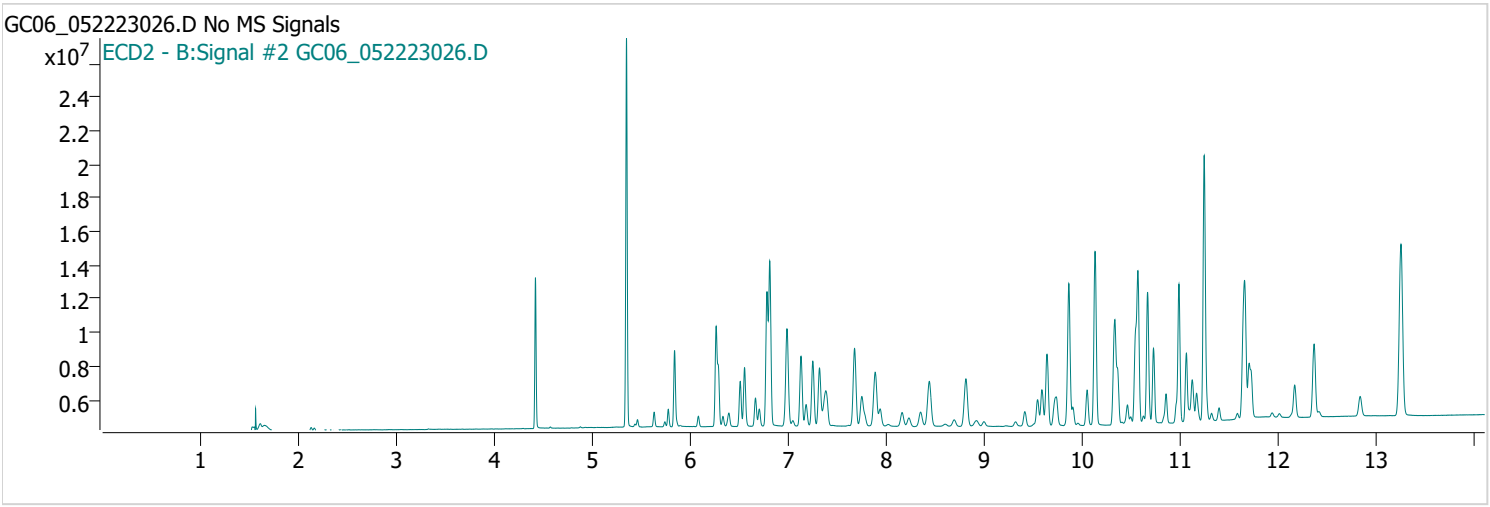
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	42.8923	13.25	0.00	17429122				



Quantitation Results Report (Not Reviewed)

Data File	GC06_052223026.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	5/22/2023 9:56:20 PM
Sample Name	ICAL, S18185	Instrument	SVOA-GC06
Vial	17	Multiplier	1.00
DA Method File	PCB_608_052223_GC06_1.m	Comment	
Tune File	ATUNE.U	Tune Date	
Batch Name	052223PCBICAL.batch.bin	Last Calib Update	5/23/2023 1:35:07 PM
Ref Library			



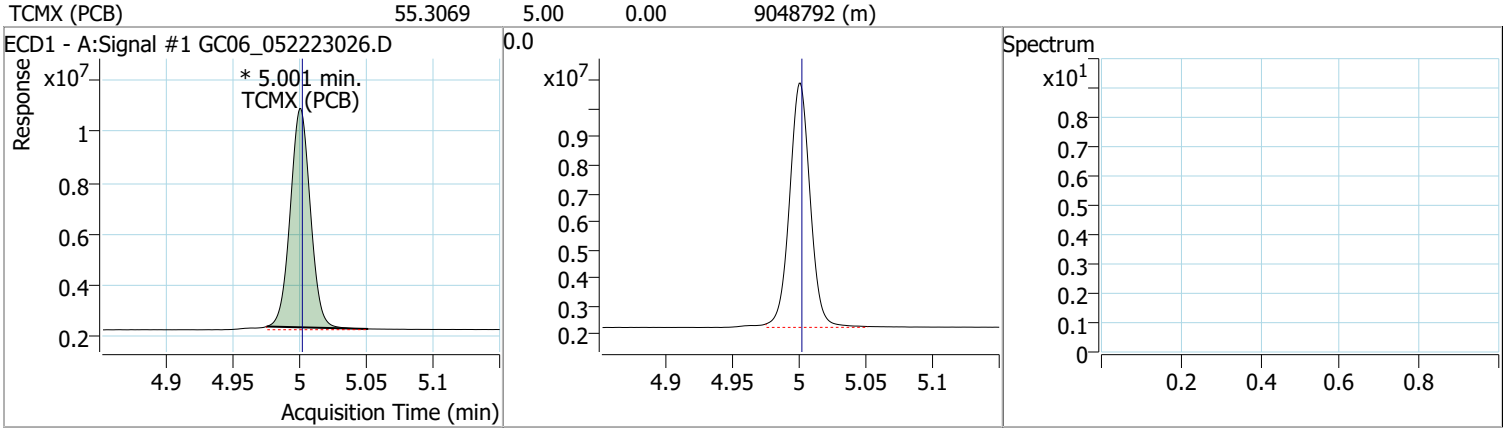


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1-bromo-2-nitrobenzene (PCB)	4.210	0.0	3086367.414	20.0000	ng/ml		0.000
M 1-bromo-2-nitrobenzene (PCB) #2	4.418	0.0	8224328.853	20.0000	ng/ml		0.000
System Monitoring Compounds							
S TCMX (PCB)	5.001	0.0	9048791.925	55.3069	ng/ml	m	0.000
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 276.53%		*	
S TCMX (PCB) #2	5.347	0.0	24010085.364	55.1937	ng/ml		0.000
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 275.97%		*	
S Decachlorobiphenyl (PCB)	12.021	0.0	12061391.747	59.0449	ng/ml		0.000
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 295.22%		*	
S Decachlorobiphenyl (PCB) #2	13.251	0.0	25490224.056	59.0109	ng/ml		0.003
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 295.05%		*	
Target Compounds							QValue

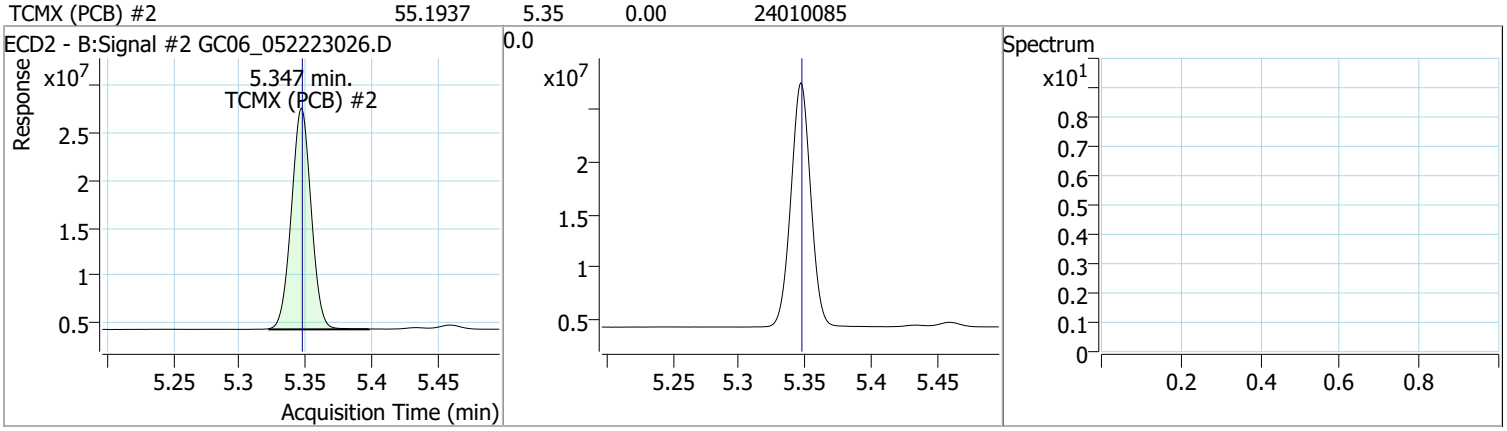
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T AR1016 1	5.366	0.0	2384243.852	697.9525	ng/ml	100
T AR1016 2	5.708	0.0	4760666.951	682.4110	ng/ml	100
T AR1016 1 #2	5.838	0.0	5827205.118	680.9511	ng/ml	100
T AR1016 3	6.169	0.0	6000883.948	674.3972	ng/ml	100
T AR1016 2 #2	6.262	0.0	12559633.758	653.8555	ng/ml	100
T AR1016 4	6.309	0.0	3720951.216	679.0260	ng/ml	100
T AR1016 5	6.503	0.0	2857934.083	702.6911	ng/ml	100
T AR1016 3 #2	6.808	0.0	15681291.537	679.1844	ng/ml	100
T AR1016 4 #2	6.984	0.0	11249992.628	675.7812	ng/ml	100
T AR1016 5 #2	7.248	0.0	6478288.545	695.0674	ng/ml	100
T AR1260 1	8.672	0.0	6996527.926	685.9857	ng/ml	100
T AR1260 2	9.153	0.0	10756630.534	693.3379	ng/ml	100
T AR1260 3	9.606	0.0	10972647.970	659.8462	ng/ml	100
T AR1260 1 #2	9.861	0.0	15508640.183	665.7417	ng/ml	100
T AR1260 4	10.095	0.0	6281515.671	691.0209	ng/ml	100
T AR1260 2 #2	10.128	0.0	18017718.623	684.3284	ng/ml	100
T AR1260 3 #2	10.566	0.0	22126582.026	654.8076	ng/ml	100
T AR1260 5	10.795	0.0	10161735.818	687.2461	ng/ml	100
T AR1260 4 #2	10.985	0.0	12705738.725	643.3815	ng/ml	100
T AR1260 5 #2	11.654	0.0	19861517.660	692.2228	ng/ml	100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

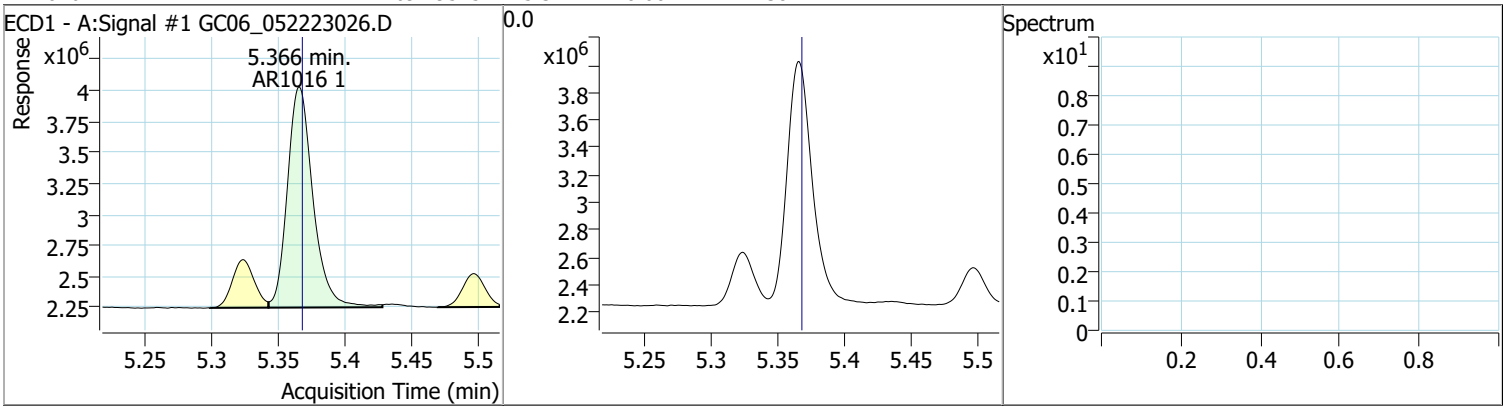
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	55.3069	5.00	0.00	9048792 (m)				



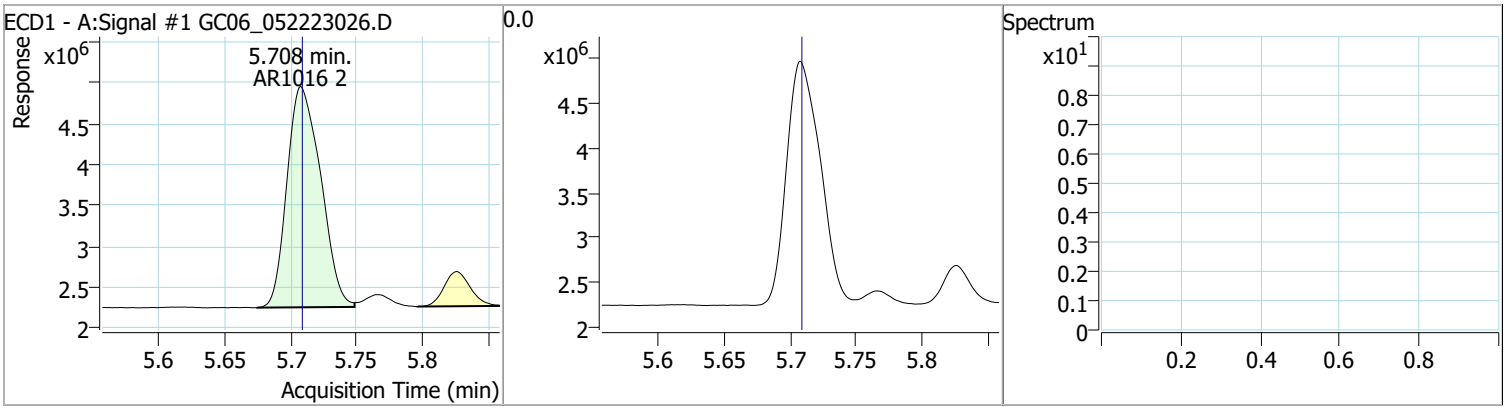
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB) #2	55.1937	5.35	0.00	24010085				



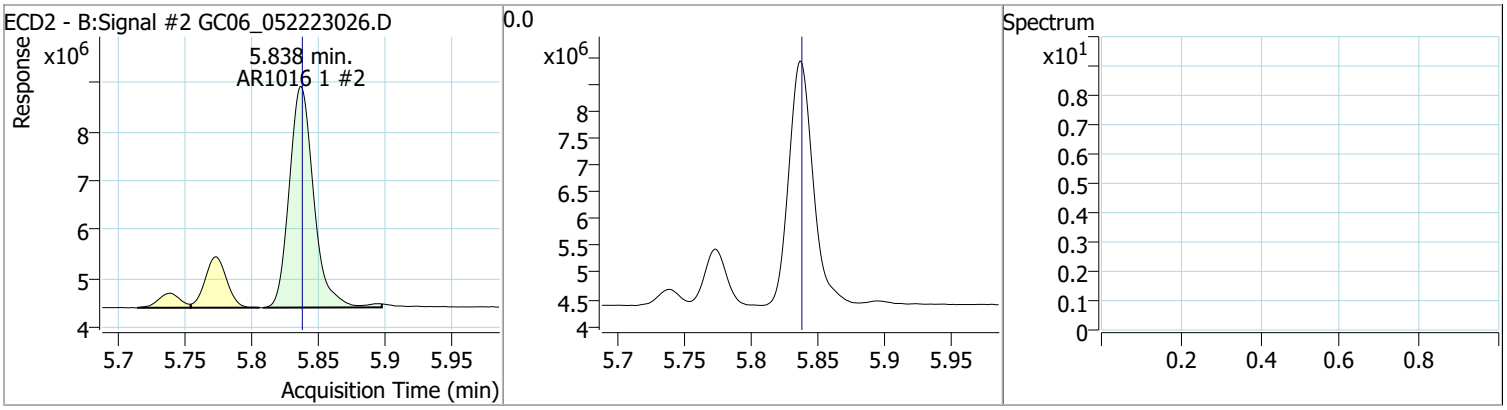
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	697.9525	5.37	0.00	2384244				



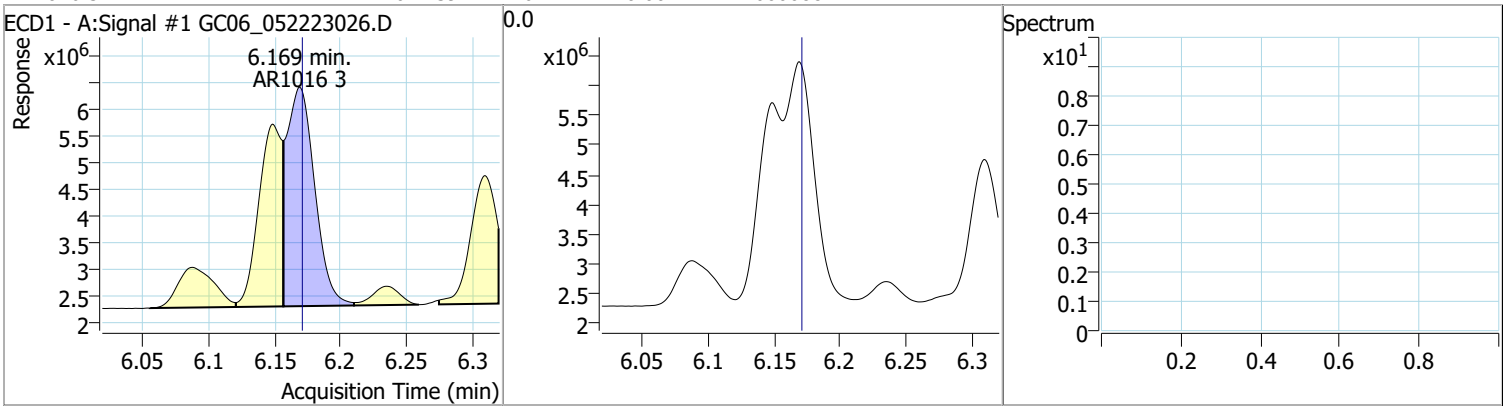
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	682.4110	5.71	0.00	4760667				



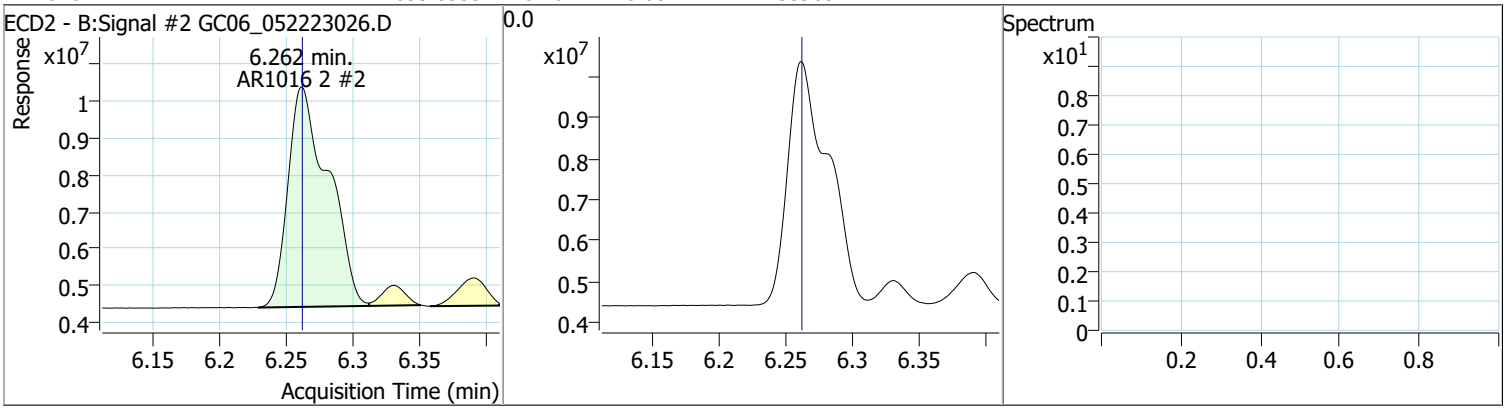
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1 #2	680.9511	5.84	0.00	5827205				



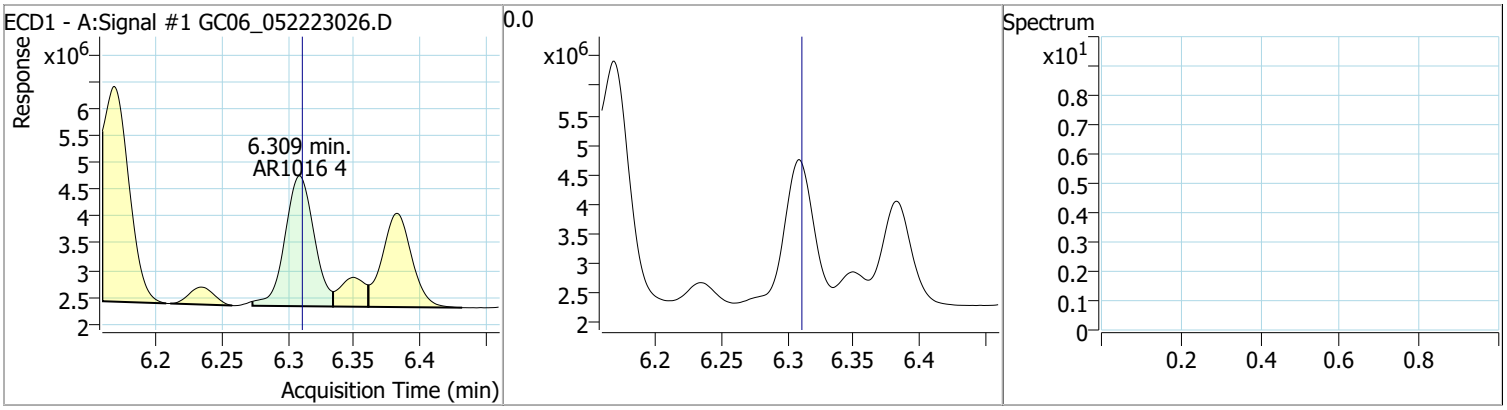
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	674.3972	6.17	0.00	6000884				



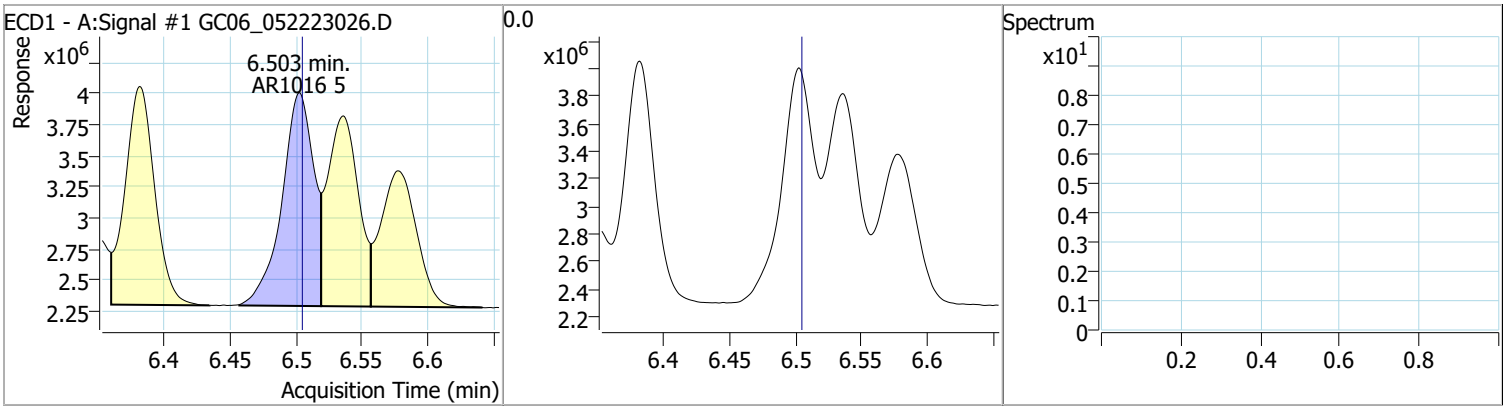
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	653.8555	6.26	0.00	12559634				



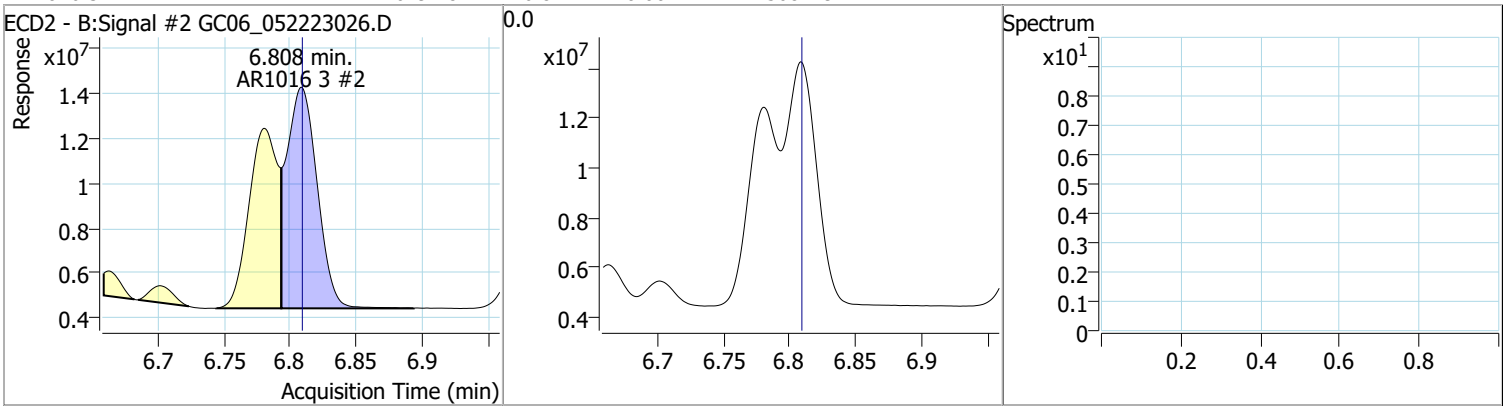
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4	679.0260	6.31	0.00	3720951				



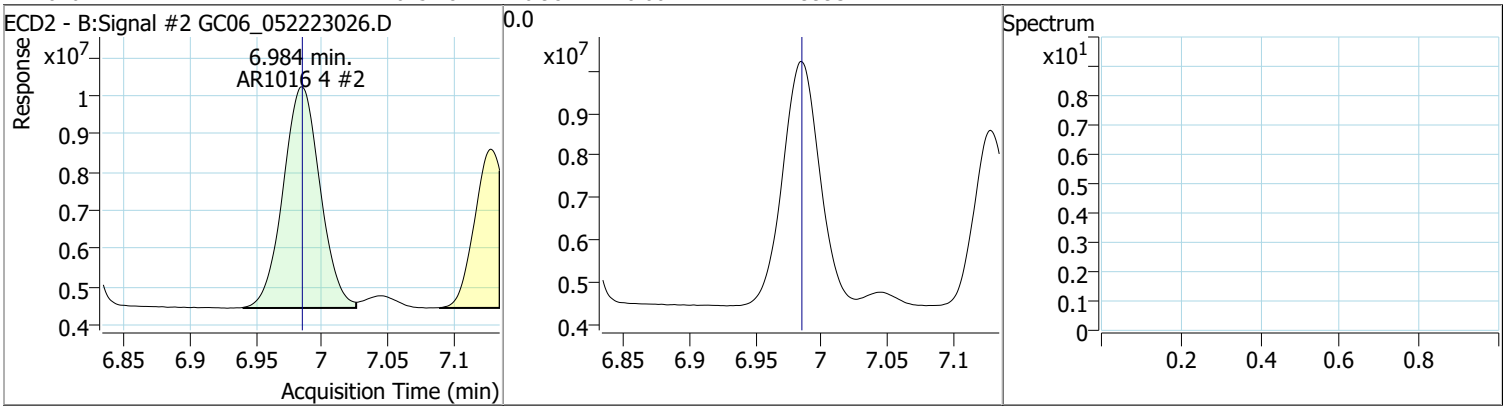
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	702.6911	6.50	0.00	2857934				



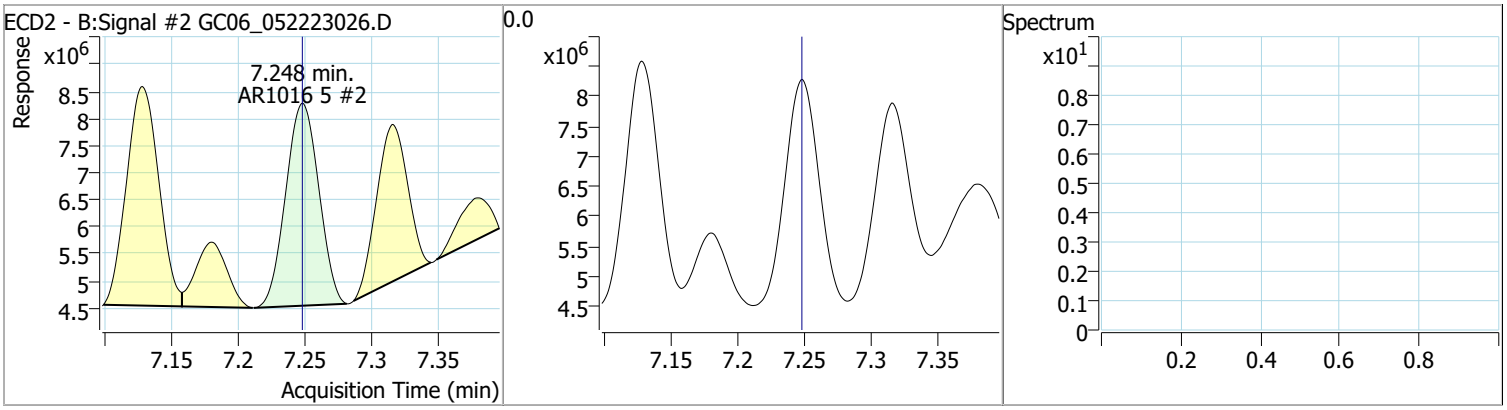
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	679.1844	6.81	0.00	15681292				



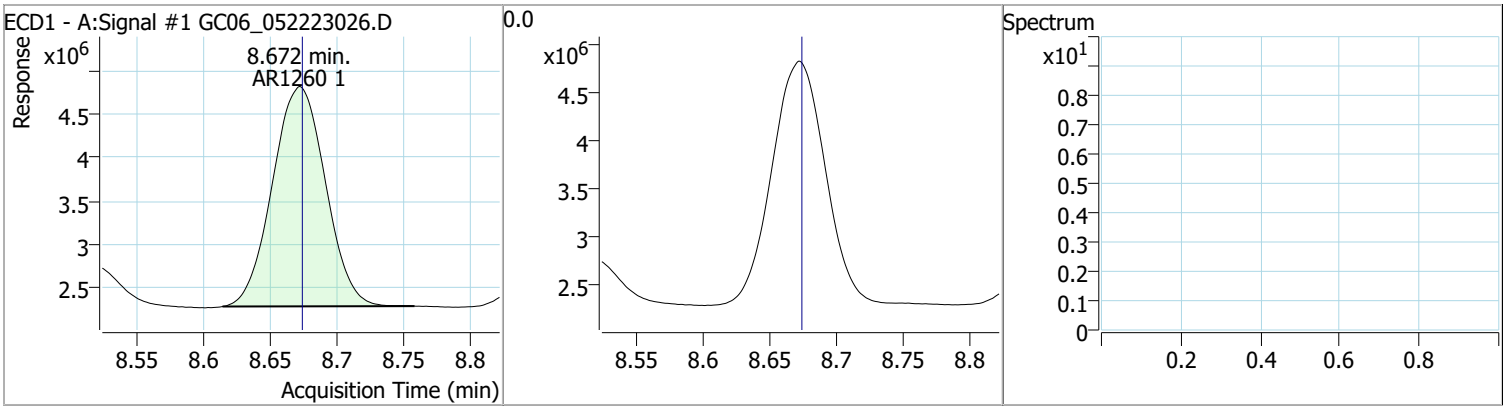
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4 #2	675.7812	6.98	0.00	11249993				



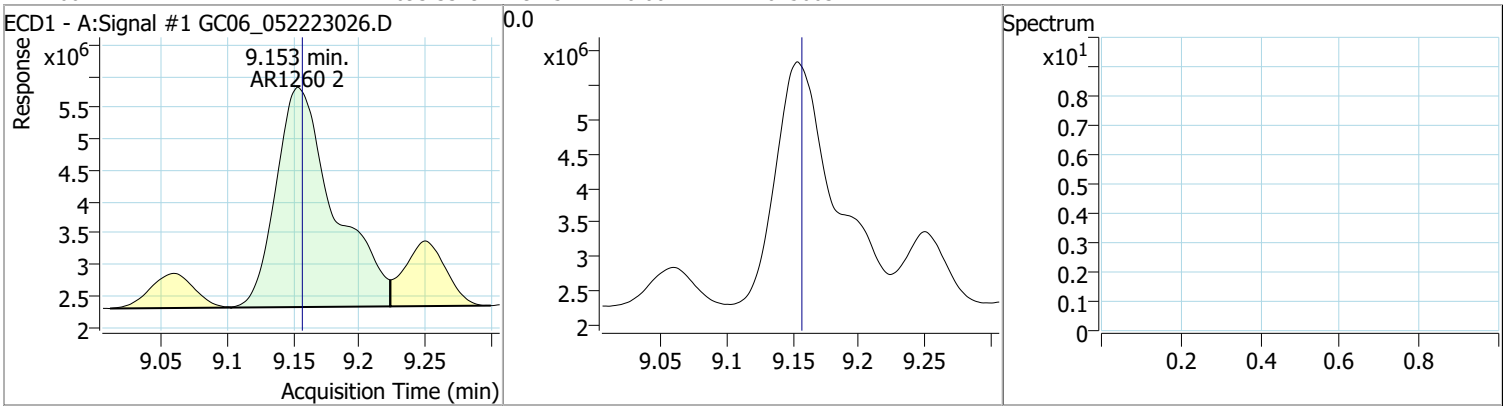
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	695.0674	7.25	0.00	6478289				



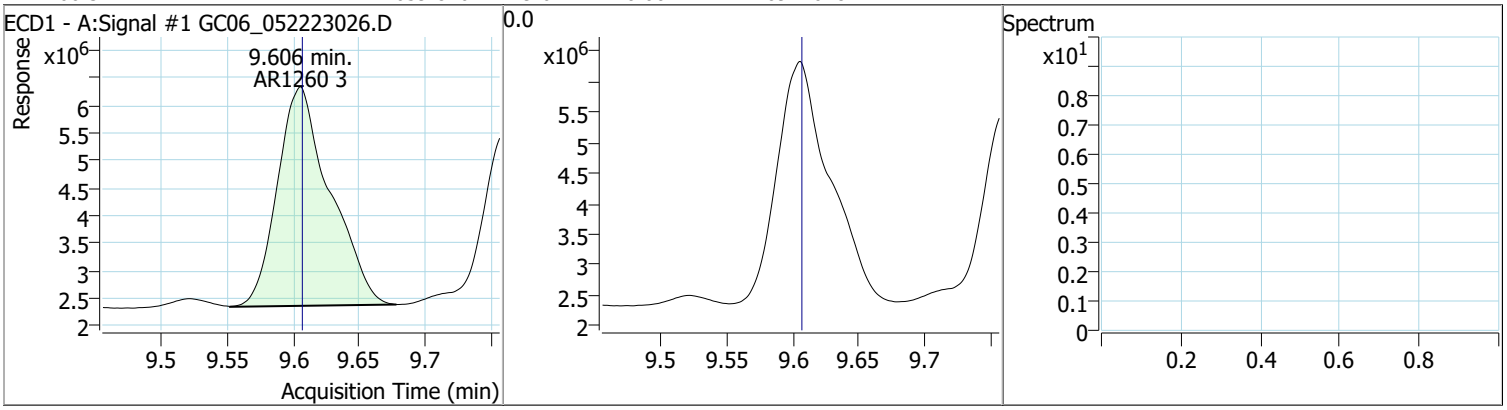
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	685.9857	8.67	0.00	6996528				



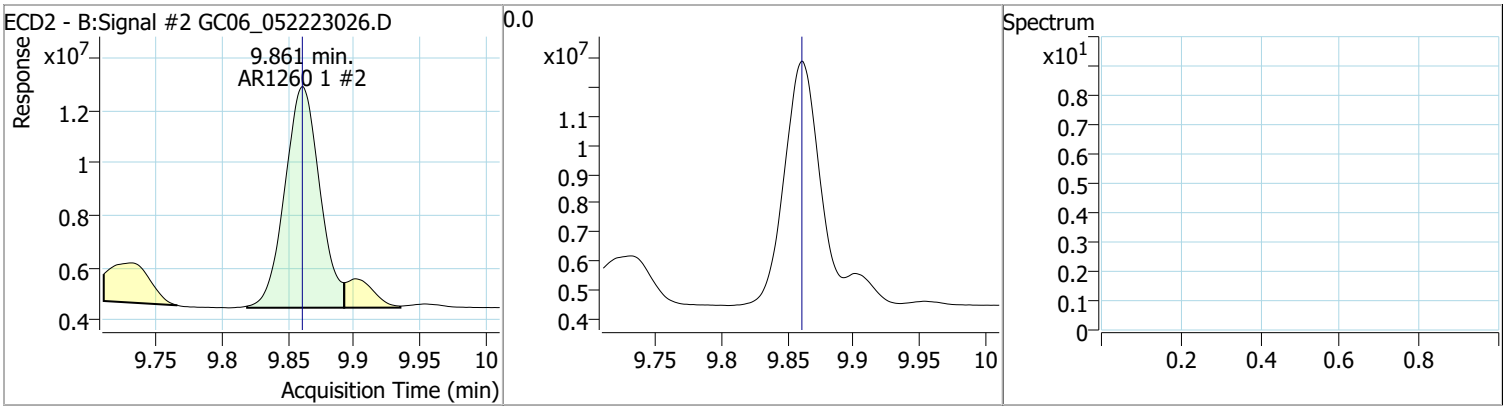
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	693.3379	9.15	0.00	10756631				



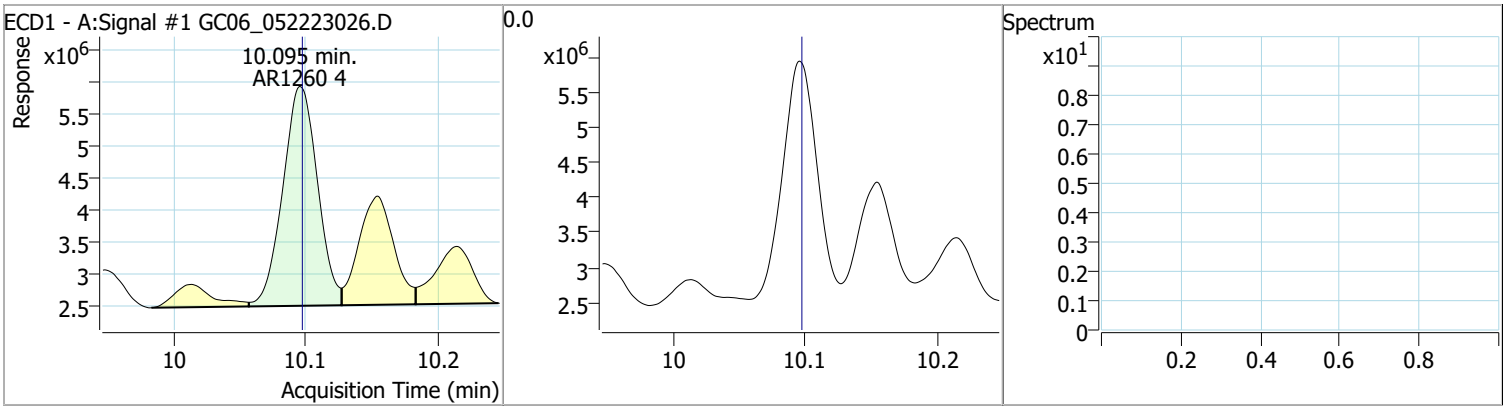
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3	659.8462	9.61	0.00	10972648				



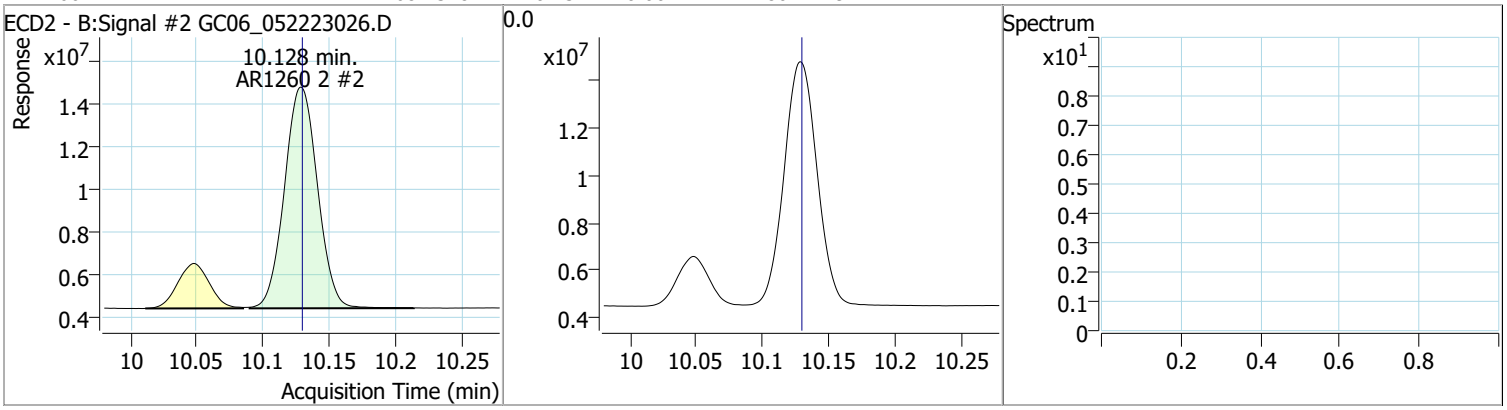
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1 #2	665.7417	9.86	0.00	15508640				



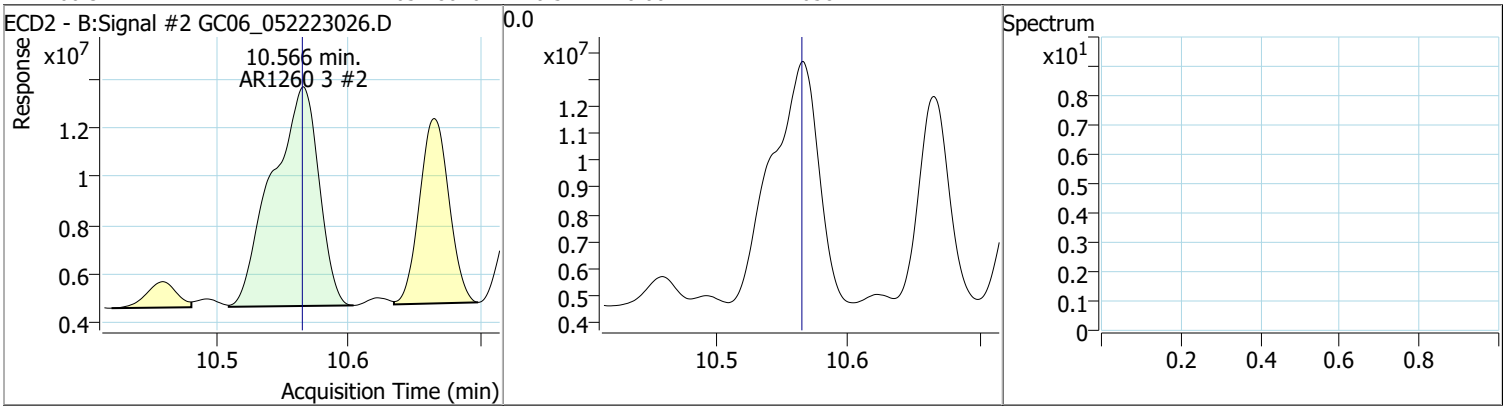
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4	691.0209	10.10	0.00	6281516				



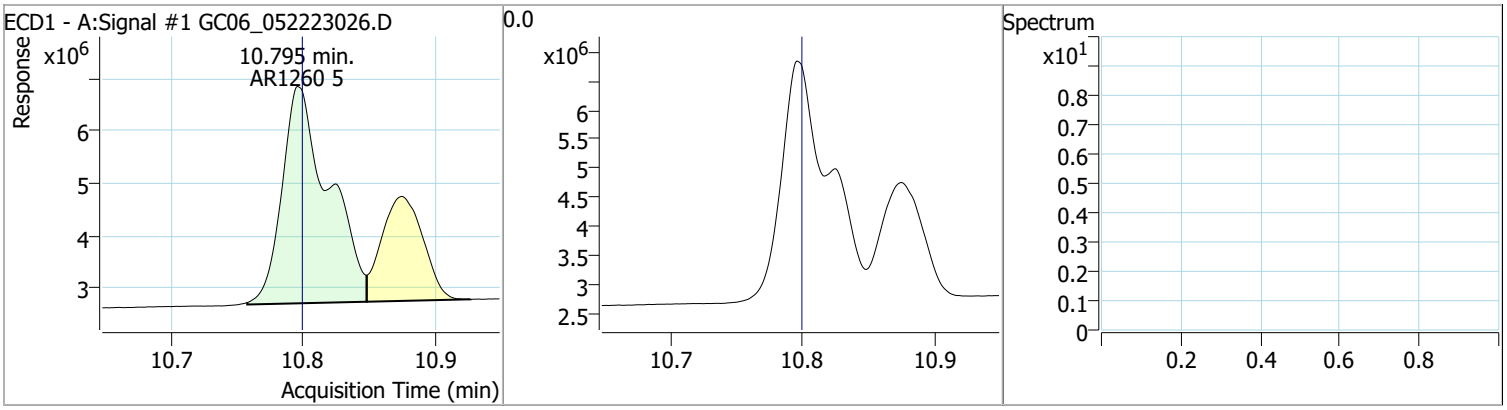
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	684.3284	10.13	0.00	18017719				



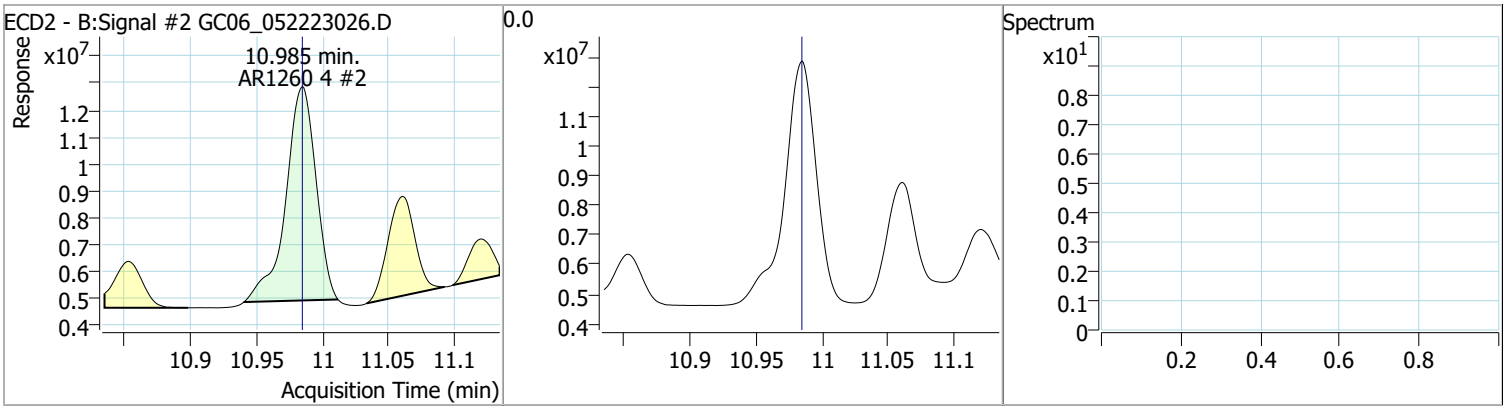
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3 #2	654.8076	10.57	0.00	22126582				



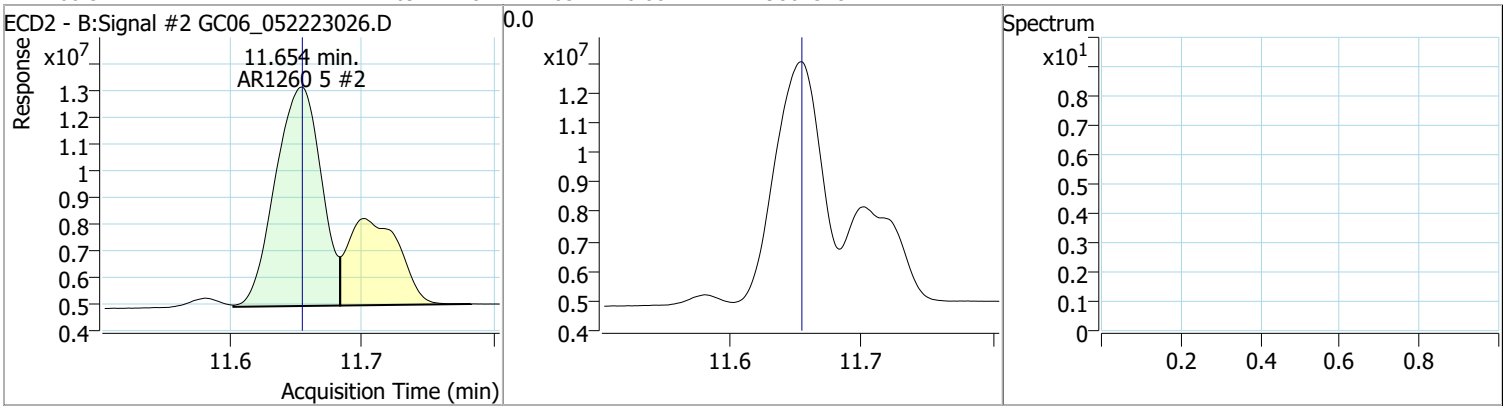
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	687.2461	10.80	0.00	10161736				



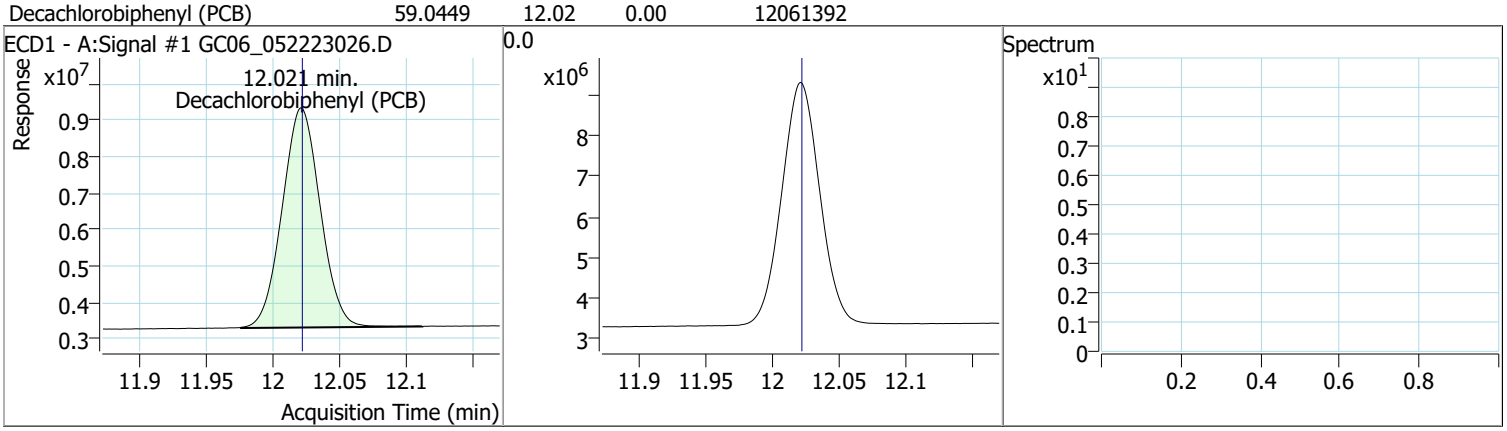
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	643.3815	10.99	0.00	12705739				



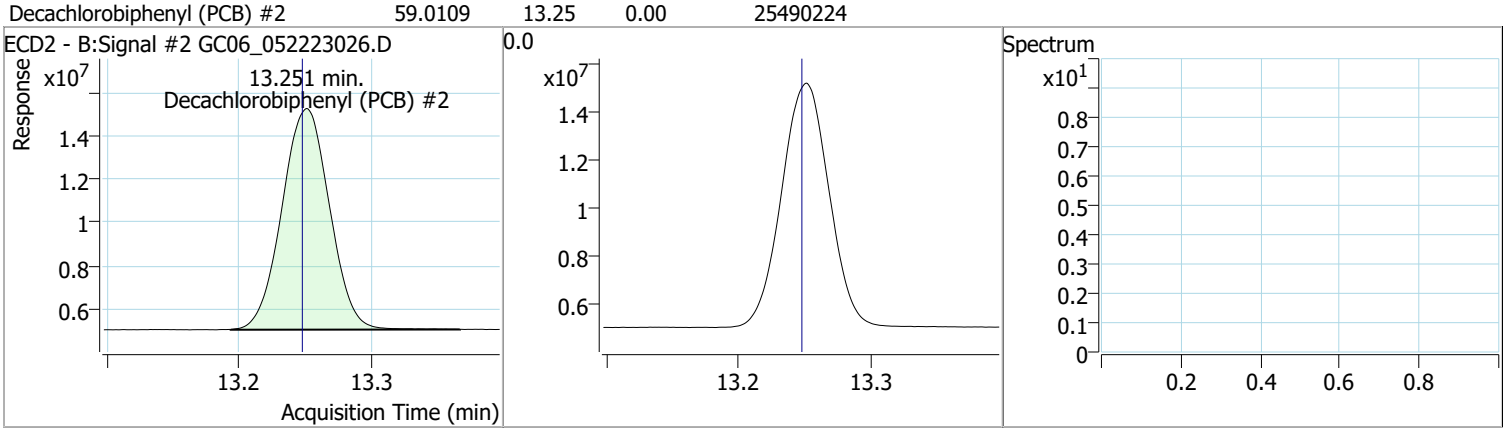
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	692.2228	11.65	0.00	19861518				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	59.0449	12.02	0.00	12061392				

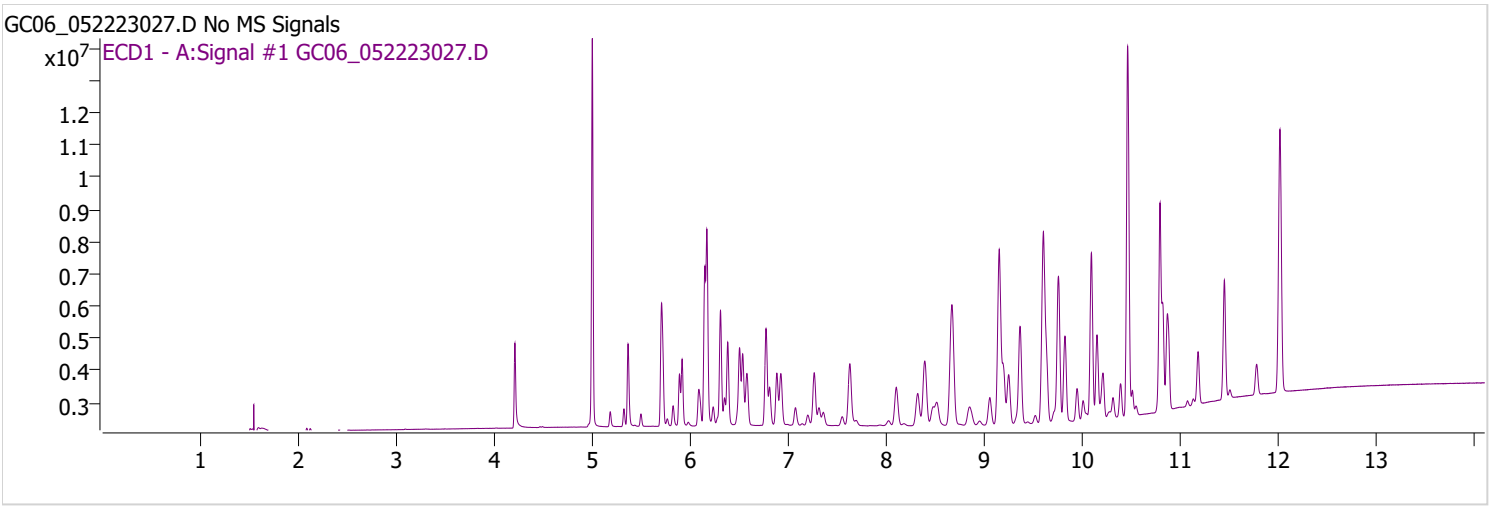


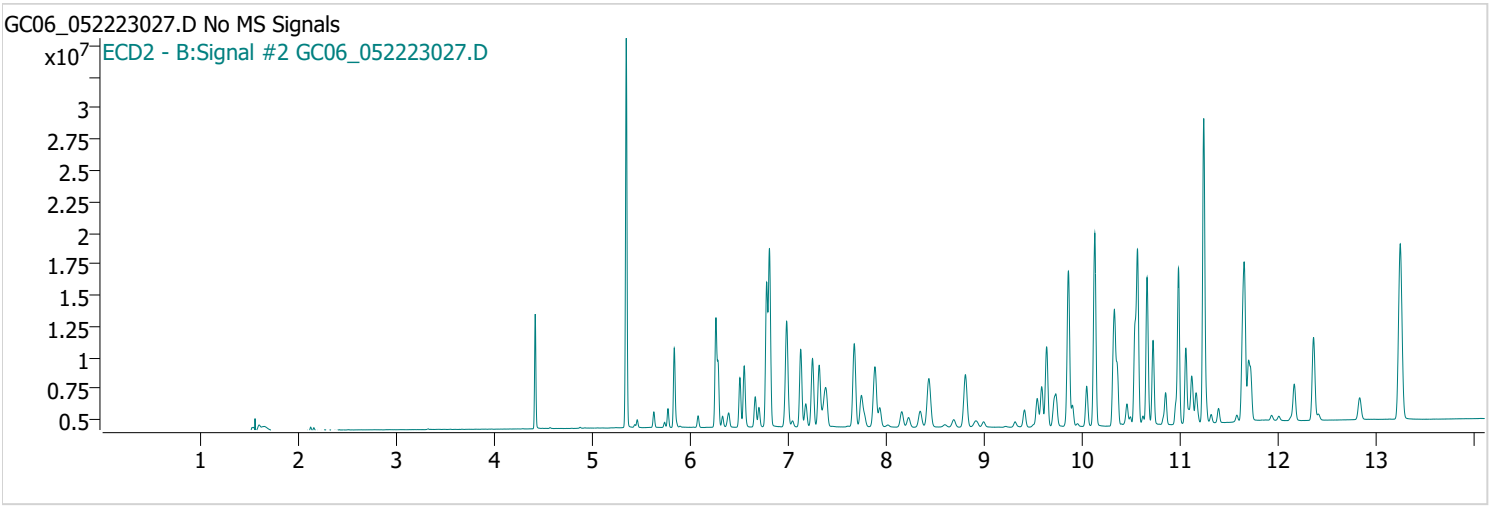
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	59.0109	13.25	0.00	25490224				



Quantitation Results Report (Not Reviewed)

Data File	GC06_052223027.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	5/22/2023 10:14:39 PM
Sample Name	ICAL, S18186	Instrument	SVOA-GC06
Vial	18	Multiplier	1.00
DA Method File	PCB_608_052223_GC06_1.m	Comment	
Tune File	ATUNE.U	Tune Date	
Batch Name	052223PCBICAL.batch.bin	Last Calib Update	5/23/2023 1:35:07 PM
Ref Library			



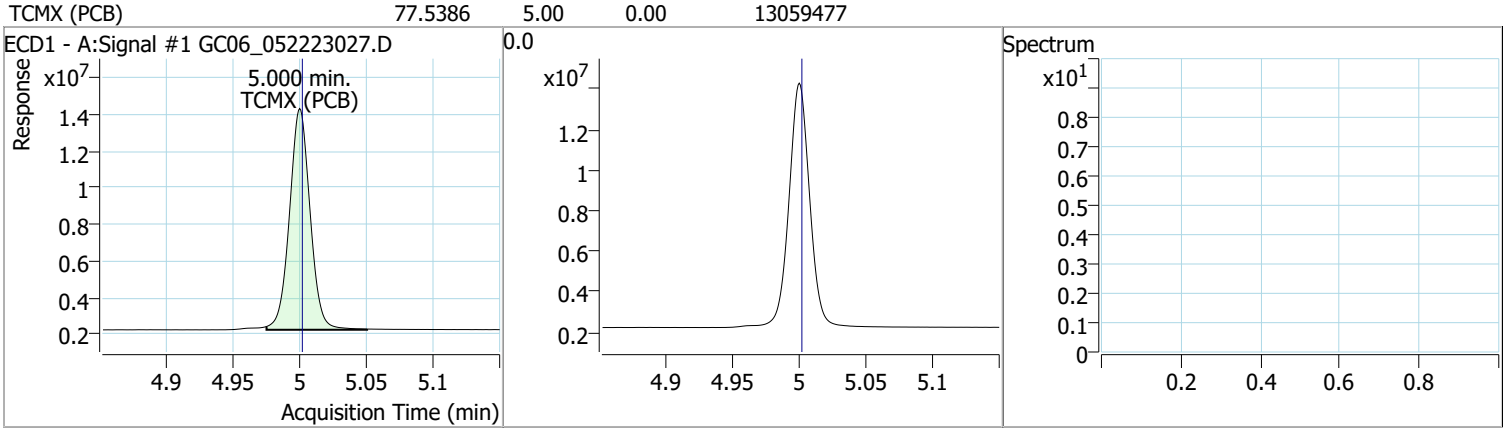


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1-bromo-2-nitrobenzene (PCB)	4.210	0.0	3177196.298	20.0000	ng/ml		0.000
M 1-bromo-2-nitrobenzene (PCB) #2	4.418	0.0	8538127.861	20.0000	ng/ml		0.000
System Monitoring Compounds							
S TCMX (PCB)	5.000	0.0	13059477.125	77.5386	ng/ml		-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 387.69%		*	
S TCMX (PCB) #2	5.347	0.0	33332428.974	73.8075	ng/ml		0.000
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 369.04%		*	
S Decachlorobiphenyl (PCB)	12.020	0.0	16779212.068	79.7922	ng/ml		-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 398.96%		*	
S Decachlorobiphenyl (PCB) #2	13.248	0.0	35172468.031	78.4331	ng/ml		0.000
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 392.17%		*	
Target Compounds							QValue

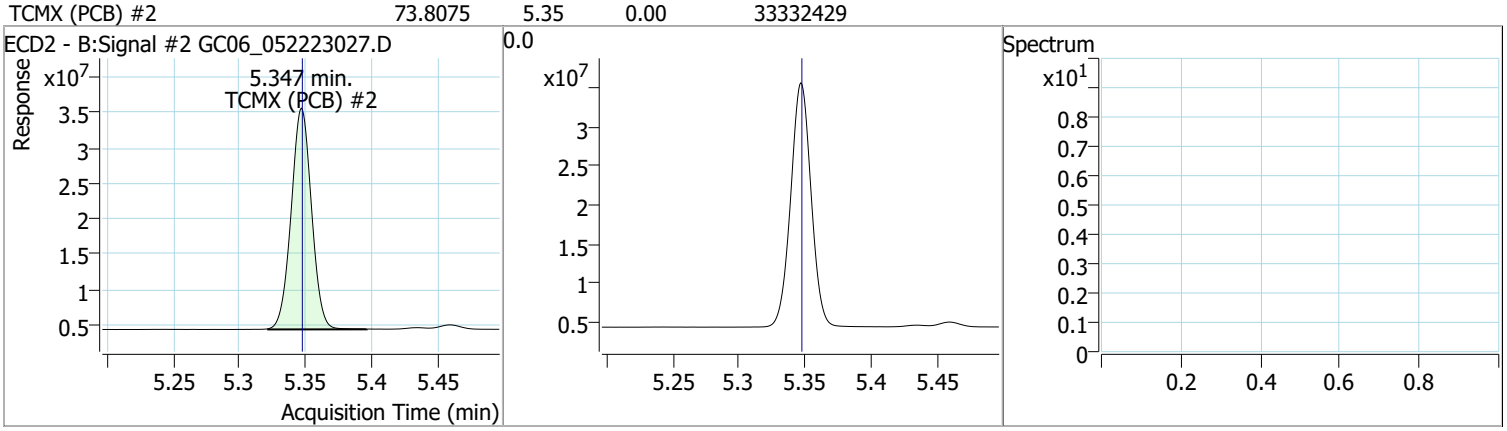
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T AR1016 1	5.365	0.0	3361984.807	956.0366	ng/ml	100
T AR1016 2	5.708	0.0	6790602.223	945.5622	ng/ml	100
T AR1016 1 #2	5.837	0.0	8259478.855	929.7069	ng/ml	100
T AR1016 3	6.169	0.0	8710064.418	950.8795	ng/ml	100
T AR1016 2 #2	6.263	0.0	17900117.186	897.6324	ng/ml	100
T AR1016 4	6.308	0.0	5417216.933	960.3118	ng/ml	100
T AR1016 5	6.503	0.0	4143015.708	989.5378	ng/ml	100
T AR1016 3 #2	6.808	0.0	23127122.509	964.8622	ng/ml	100
T AR1016 4 #2	6.984	0.0	16385197.404	948.0764	ng/ml	100
T AR1016 5 #2	7.248	0.0	9404709.325	971.9633	ng/ml	100
T AR1260 1	8.671	0.0	10615234.602	1011.0338	ng/ml	100
T AR1260 2	9.154	0.0	16051273.016	1005.0363	ng/ml	100
T AR1260 3	9.605	0.0	16576838.173	968.3593	ng/ml	100
T AR1260 1 #2	9.860	0.0	23063729.404	953.6728	ng/ml	100
T AR1260 4	10.095	0.0	9476714.032	1012.7169	ng/ml	100
T AR1260 2 #2	10.130	0.0	27033246.667	989.0102	ng/ml	100
T AR1260 3 #2	10.565	0.0	33404051.423	952.2179	ng/ml	100
T AR1260 5	10.796	0.0	15484088.277	1017.2638	ng/ml	100
T AR1260 4 #2	10.984	0.0	20107387.635	980.7585	ng/ml	100
T AR1260 5 #2	11.654	0.0	30218538.025	1014.4829	ng/ml	100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

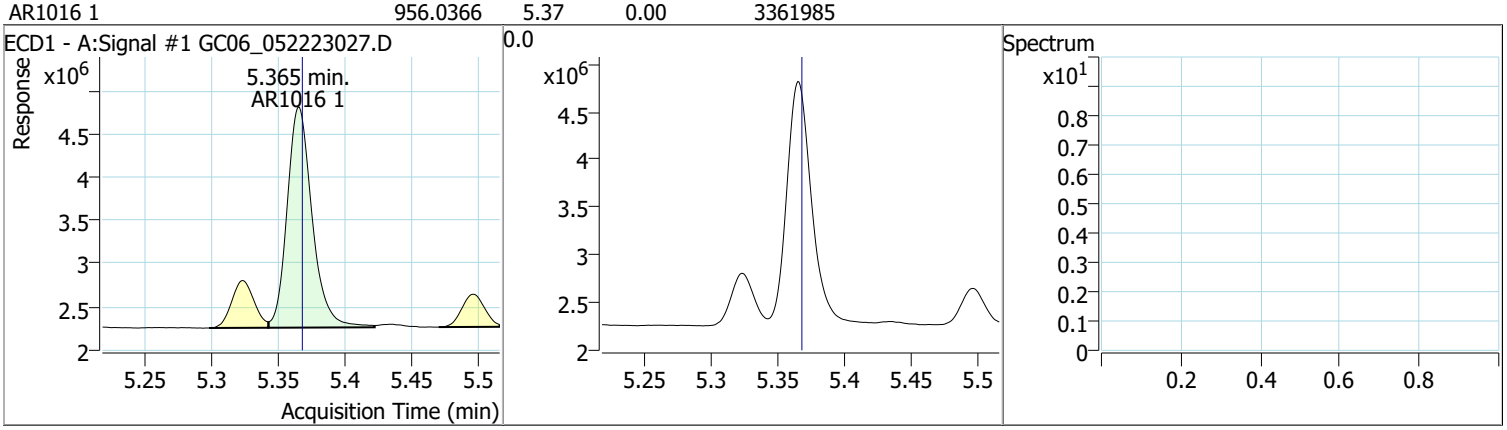
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	77.5386	5.00	0.00	13059477				



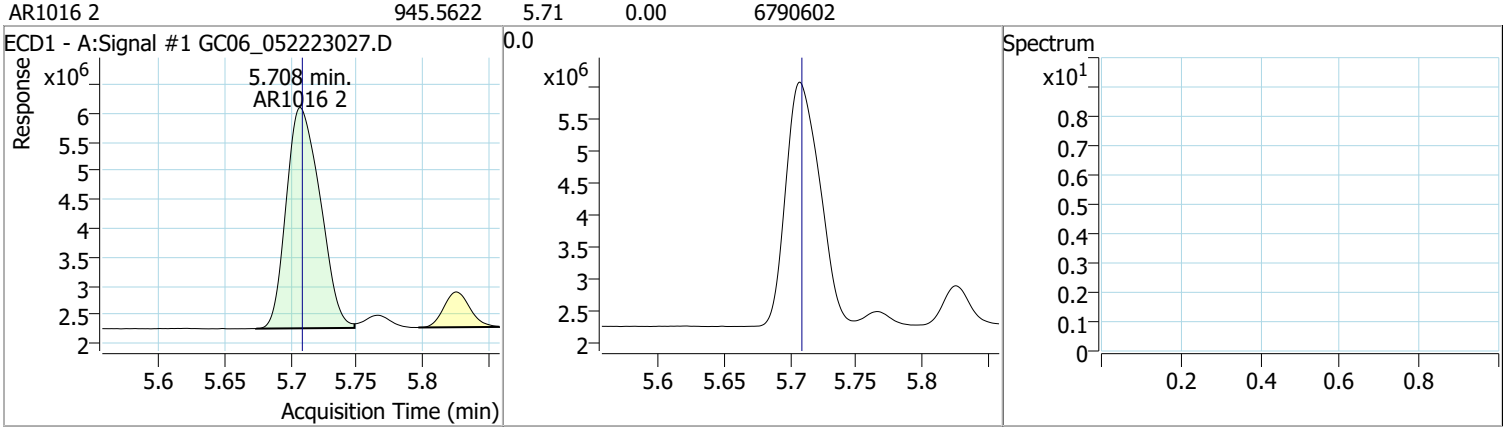
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB) #2	73.8075	5.35	0.00	33332429				



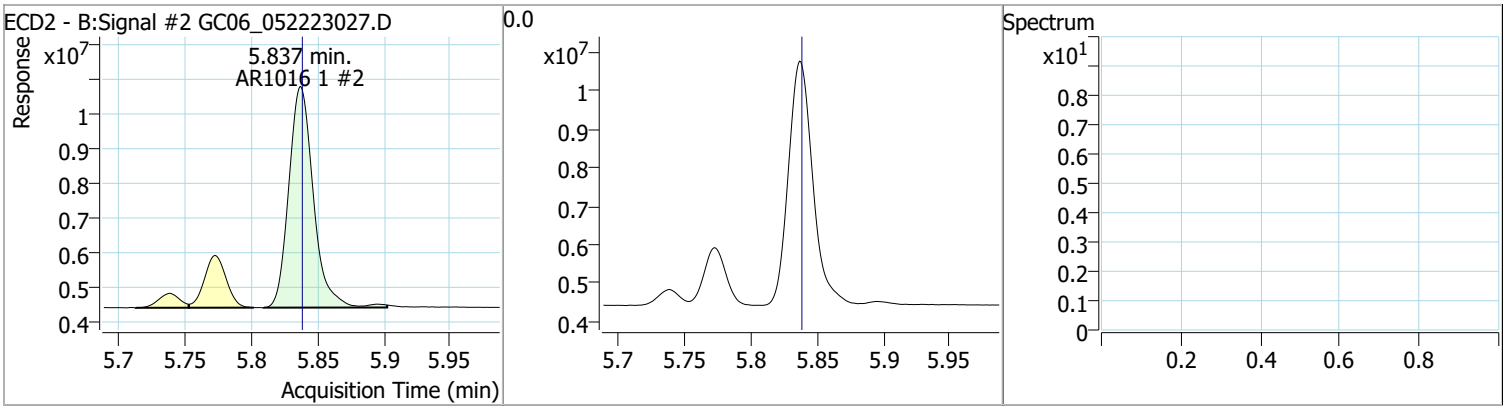
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	956.0366	5.37	0.00	3361985				



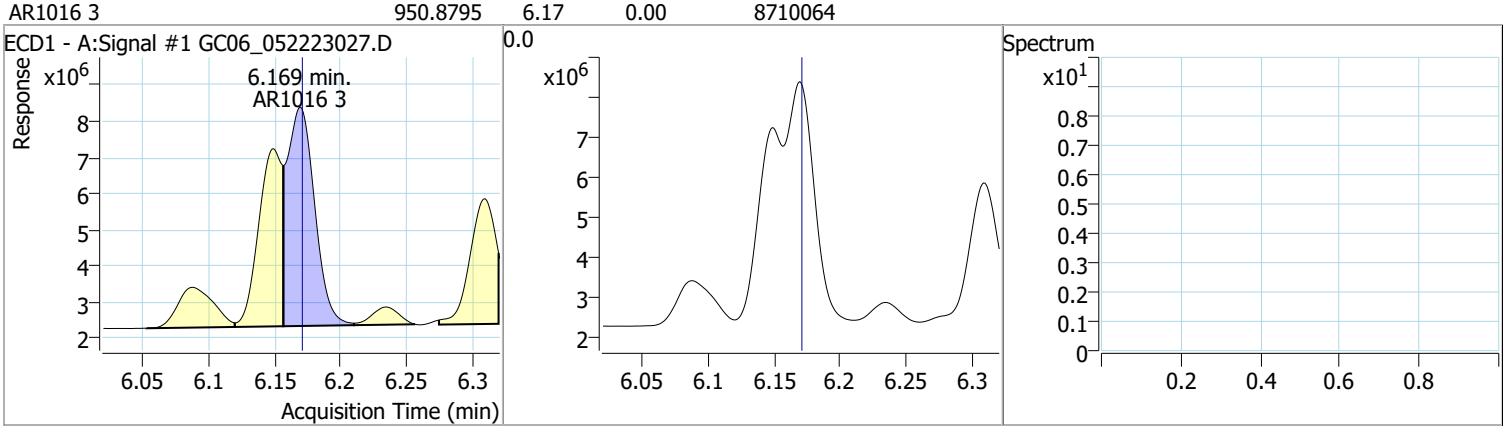
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	945.5622	5.71	0.00	6790602				



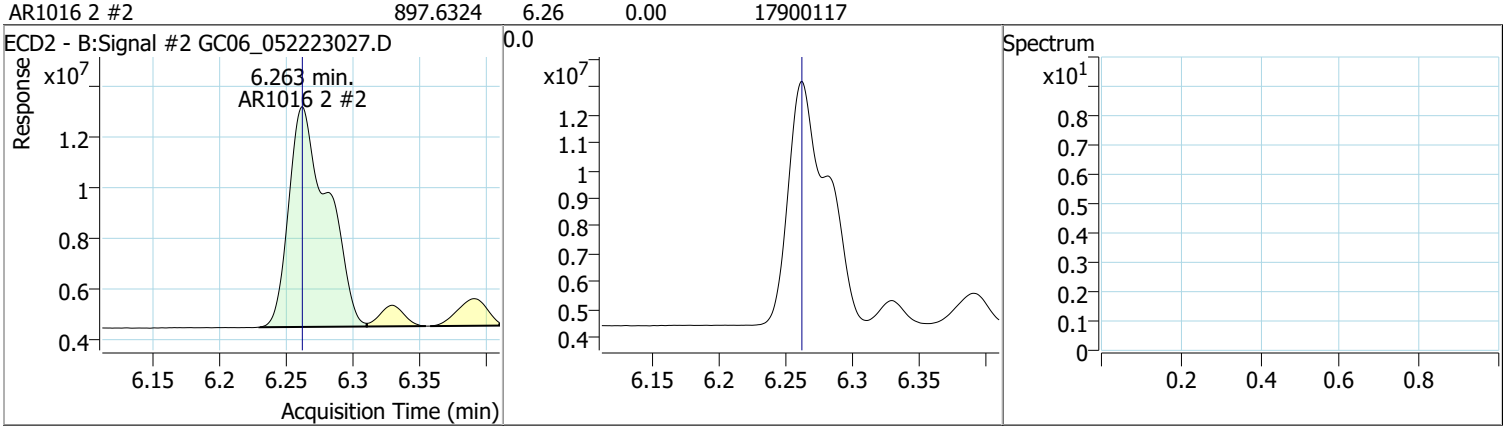
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1 #2	929.7069	5.84	0.00	8259479				



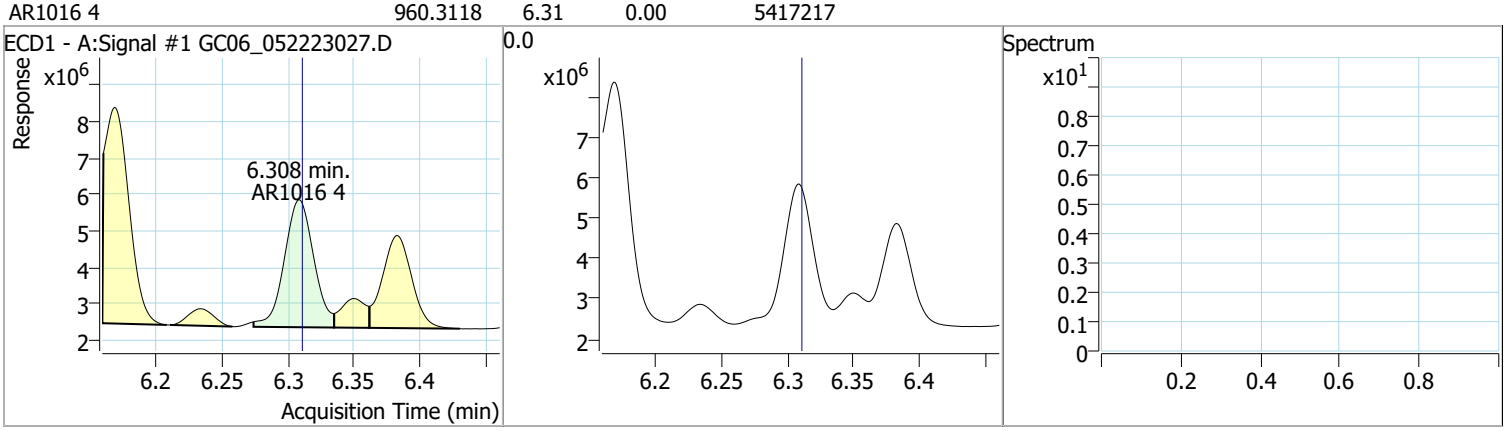
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	950.8795	6.17	0.00	8710064				



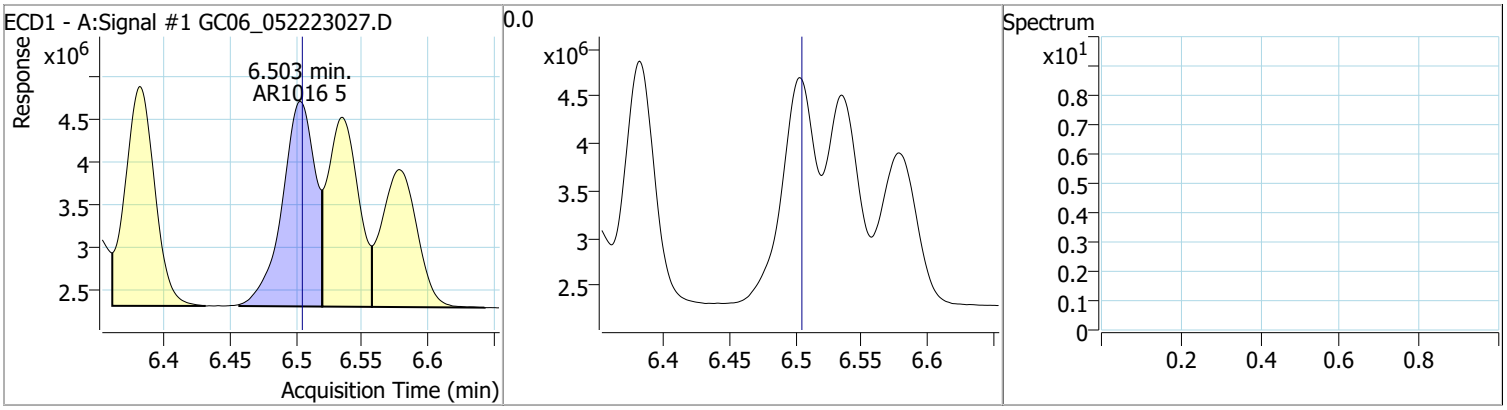
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	897.6324	6.26	0.00	17900117				



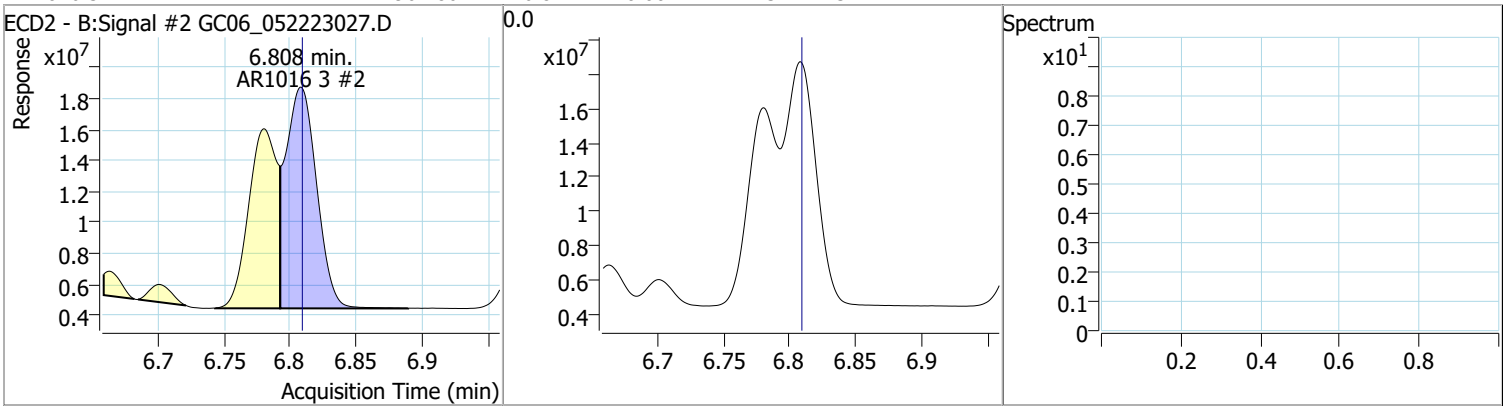
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4	960.3118	6.31	0.00	5417217				



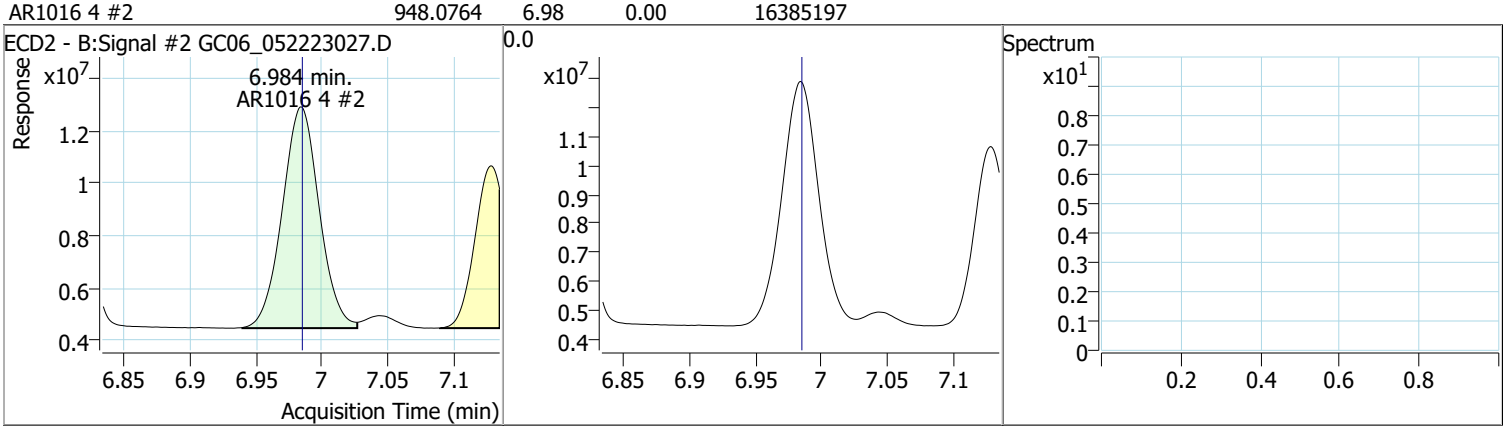
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	989.5378	6.50	0.00	4143016				



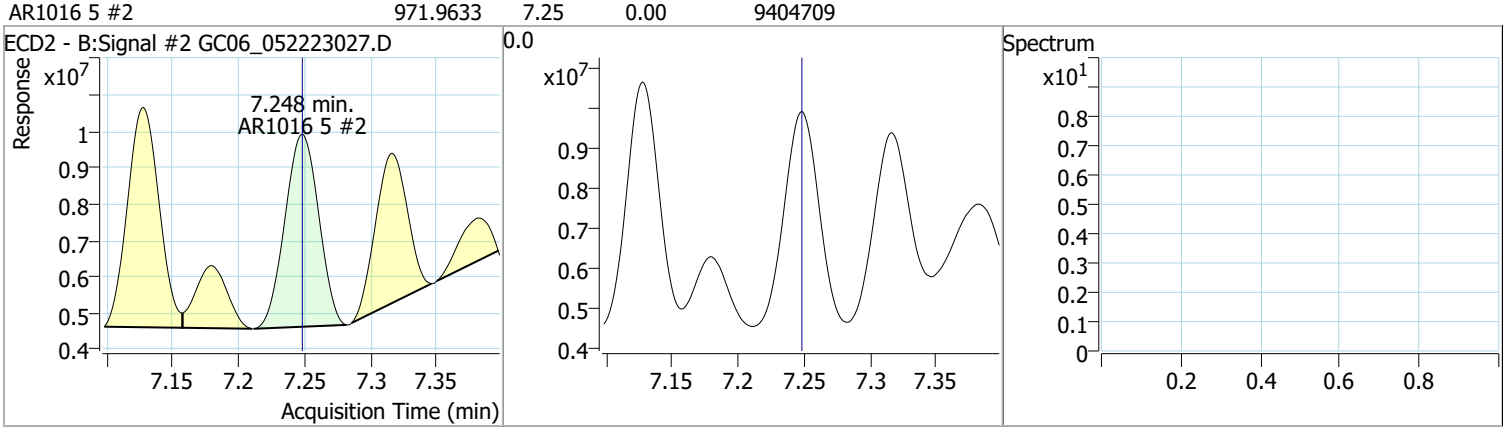
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	964.8622	6.81	0.00	23127123				



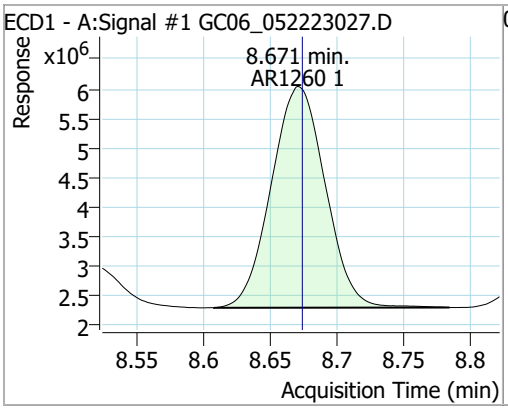
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AR1016 4 #2	948.0764	6.98	0.00	16385197				

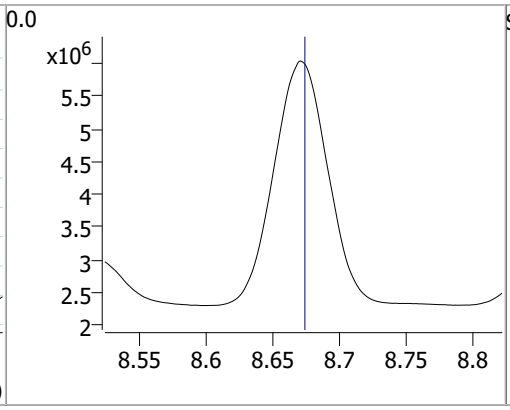


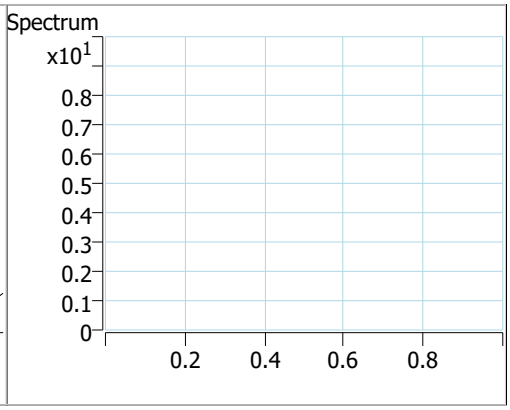
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	971.9633	7.25	0.00	9404709				



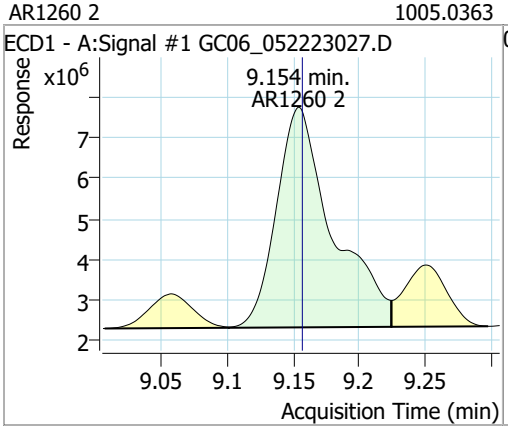
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	1011.0338	8.67	0.00	10615235				

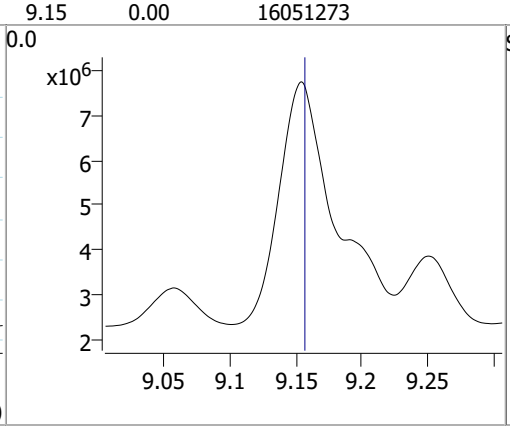


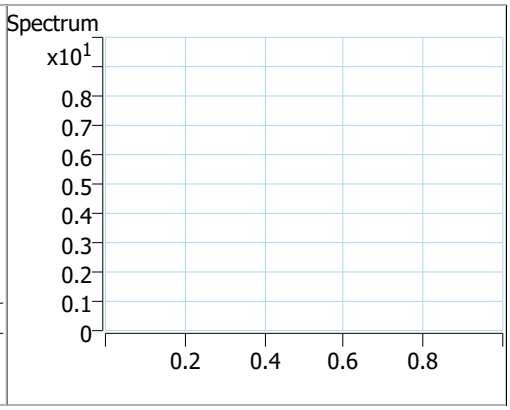




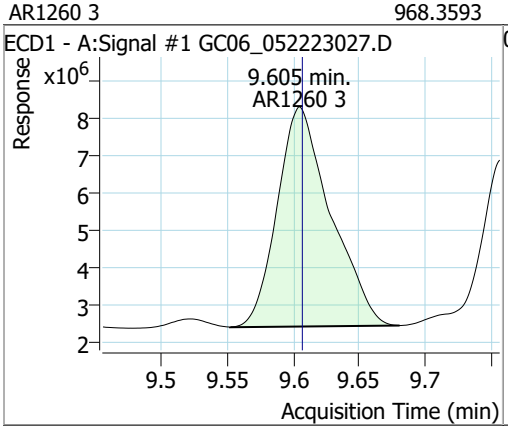
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	1005.0363	9.15	0.00	16051273				

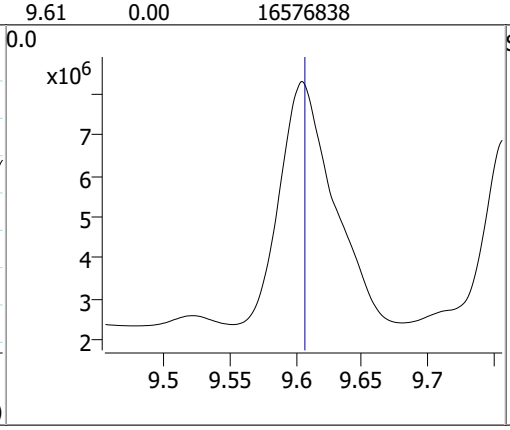


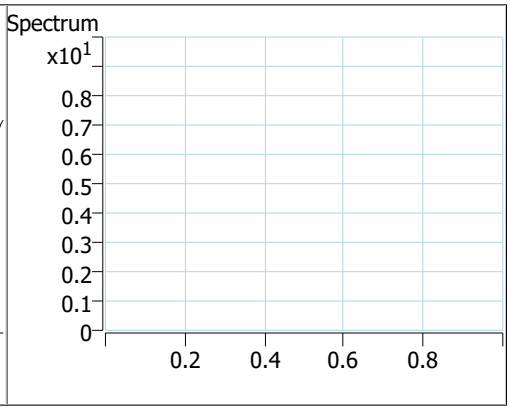




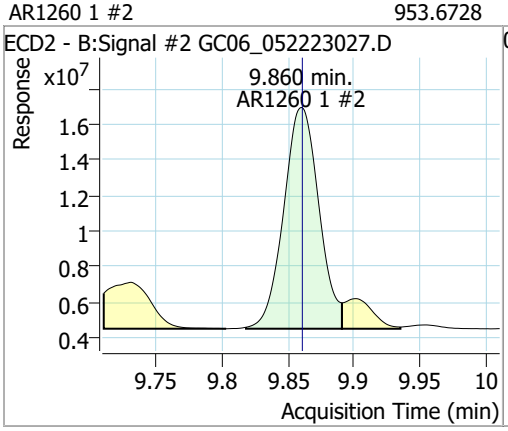
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3	968.3593	9.61	0.00	16576838				

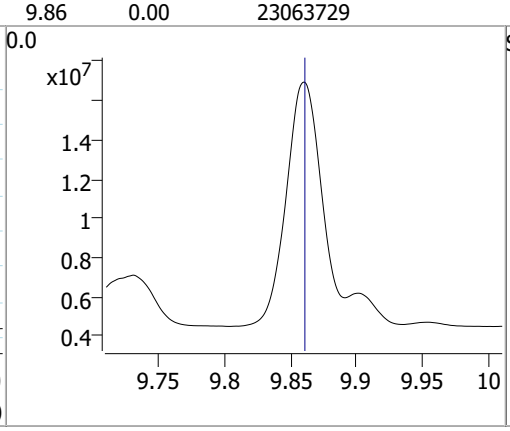


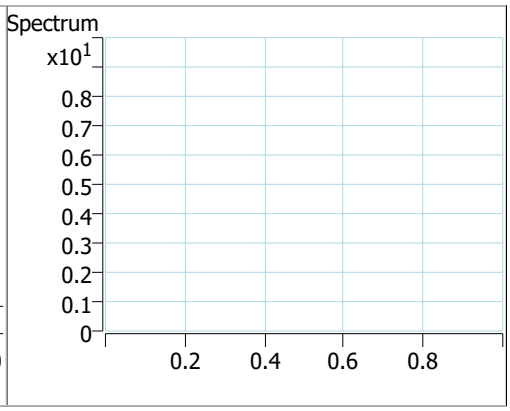




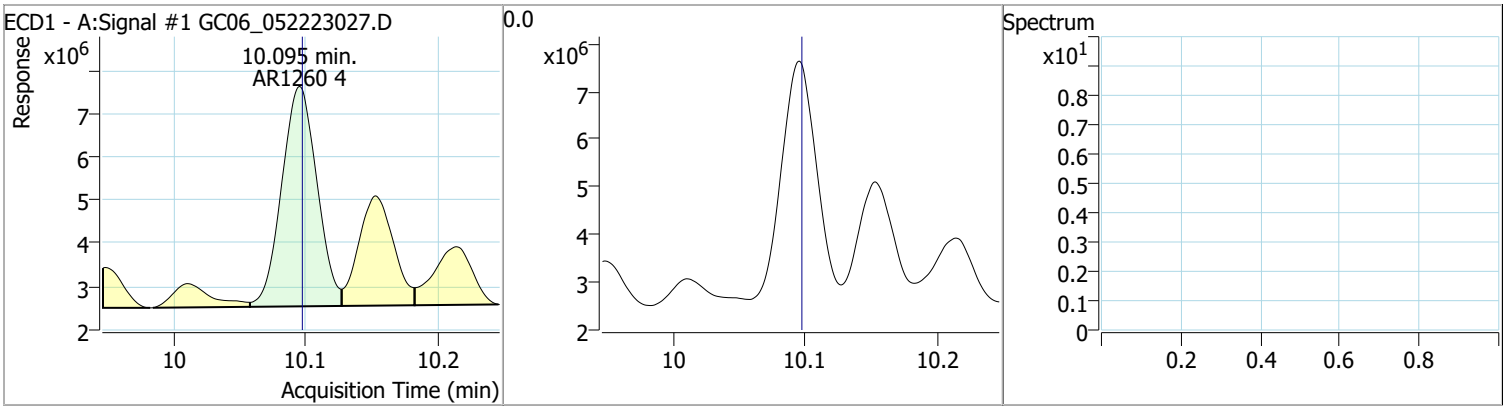
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1 #2	953.6728	9.86	0.00	23063729				



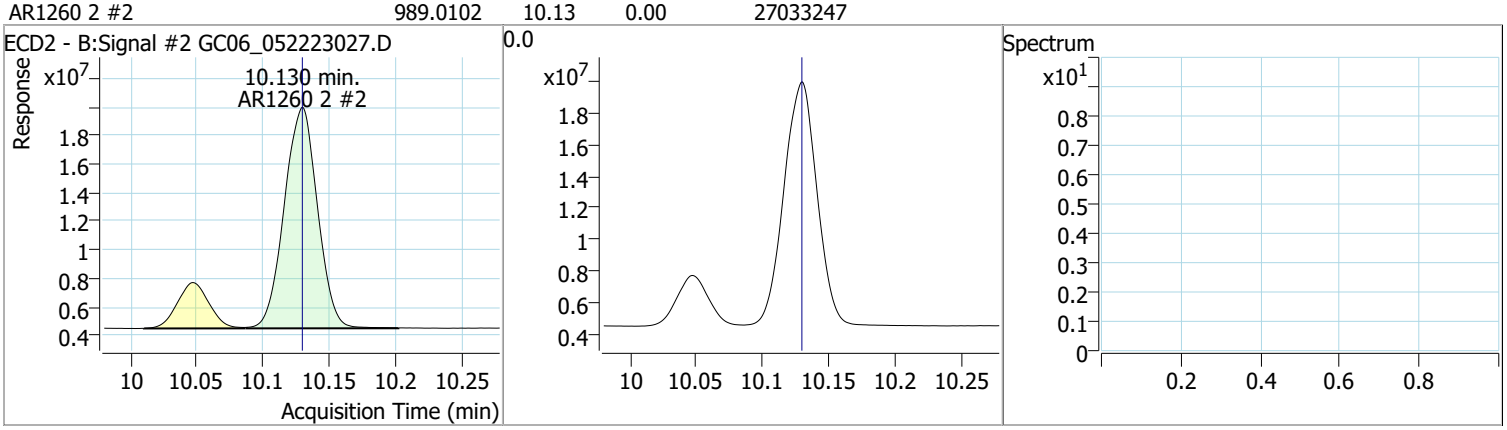




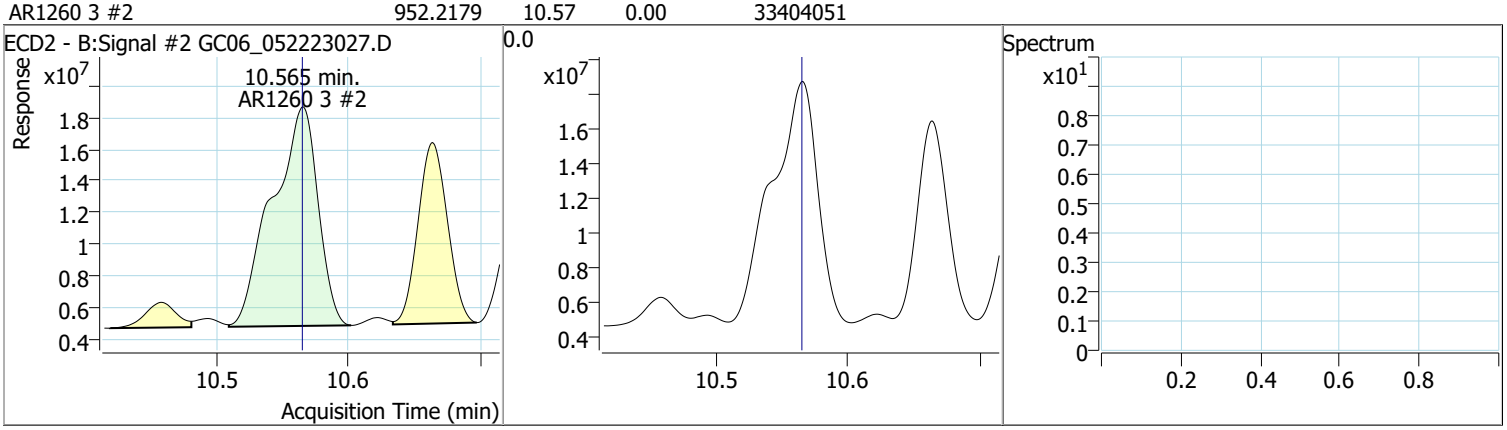
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4	1012.7169	10.10	0.00	9476714				



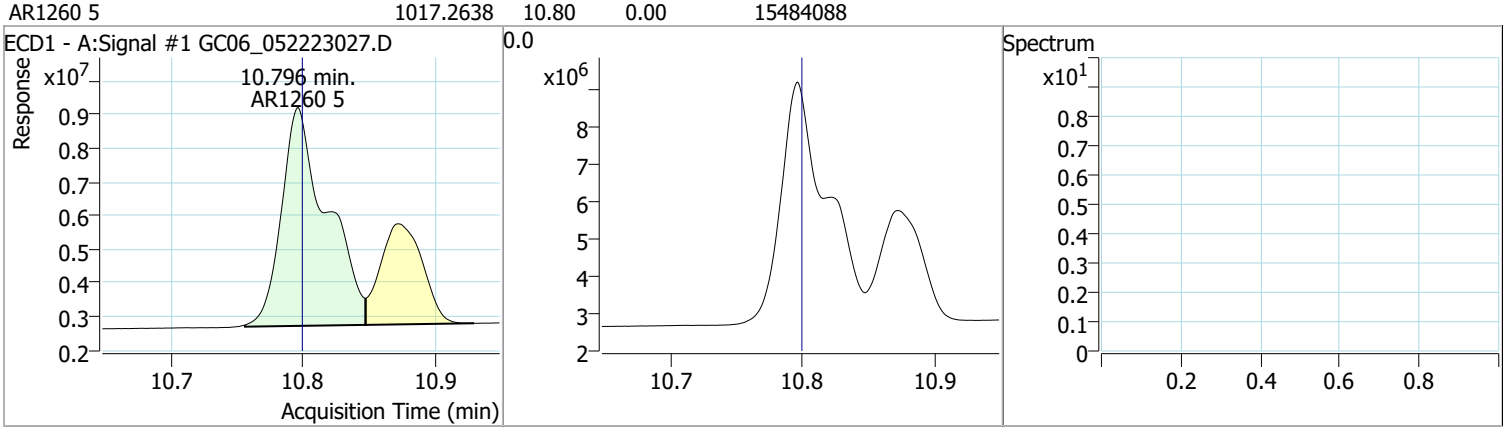
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	989.0102	10.13	0.00	27033247				



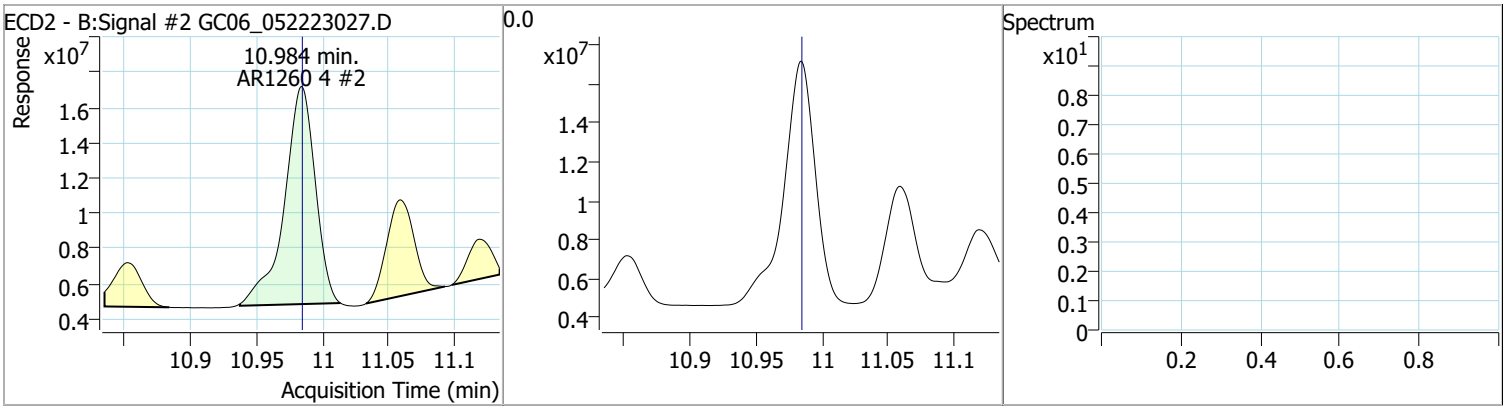
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3 #2	952.2179	10.57	0.00	33404051				



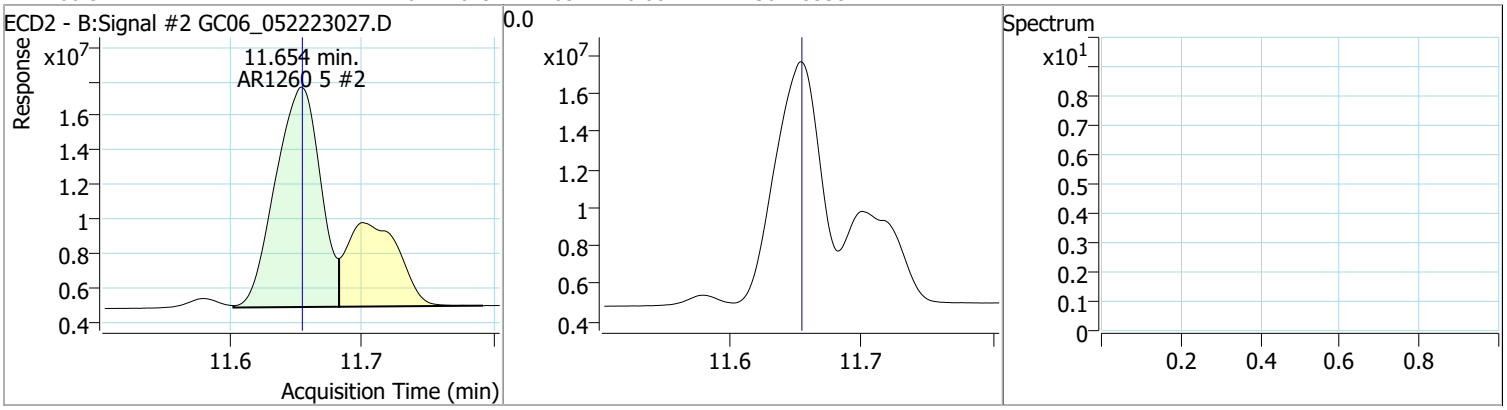
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	1017.2638	10.80	0.00	15484088				



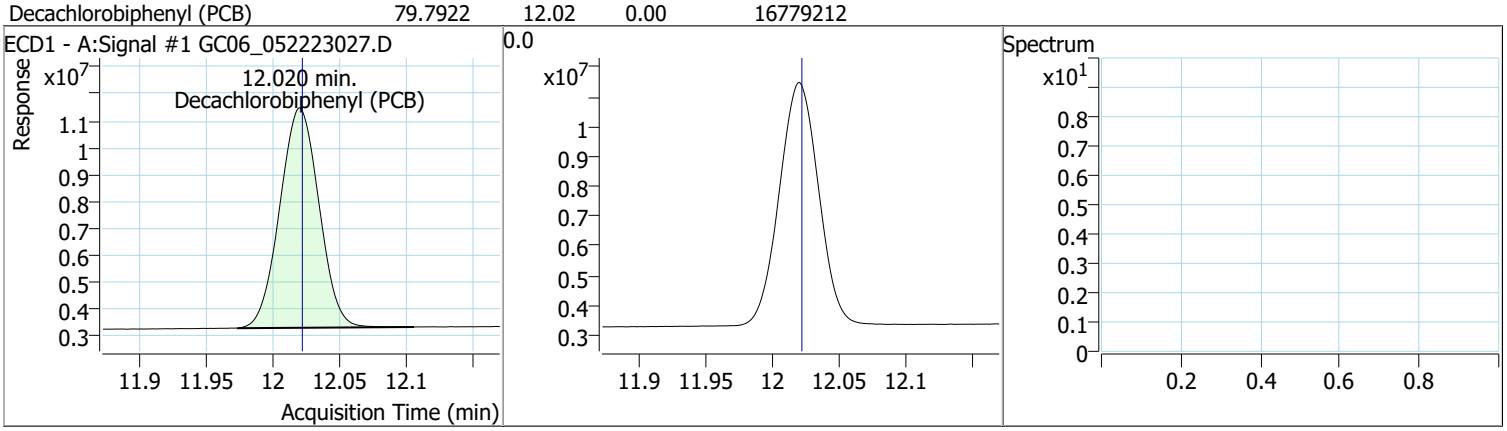
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	980.7585	10.98	0.00	20107388				



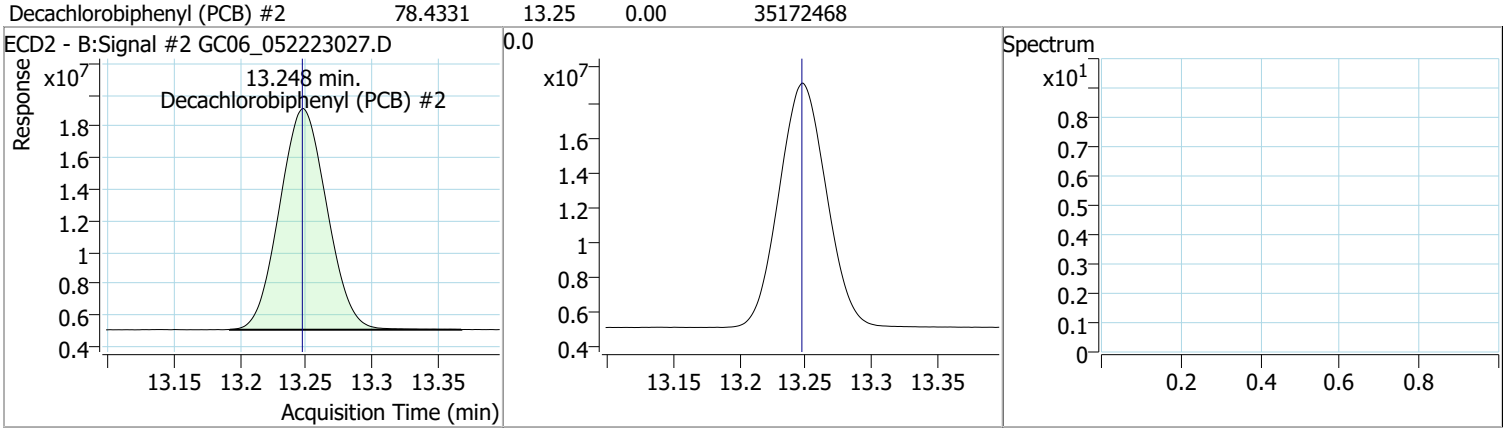
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	1014.4829	11.65	0.00	30218538				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	79.7922	12.02	0.00	16779212				

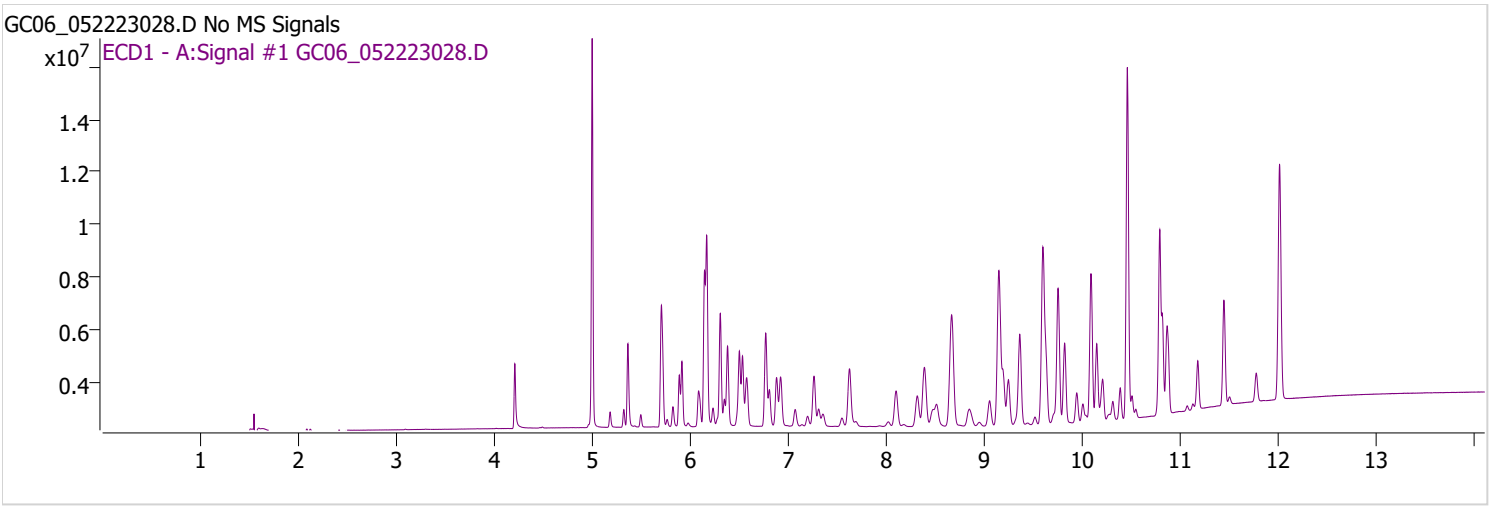


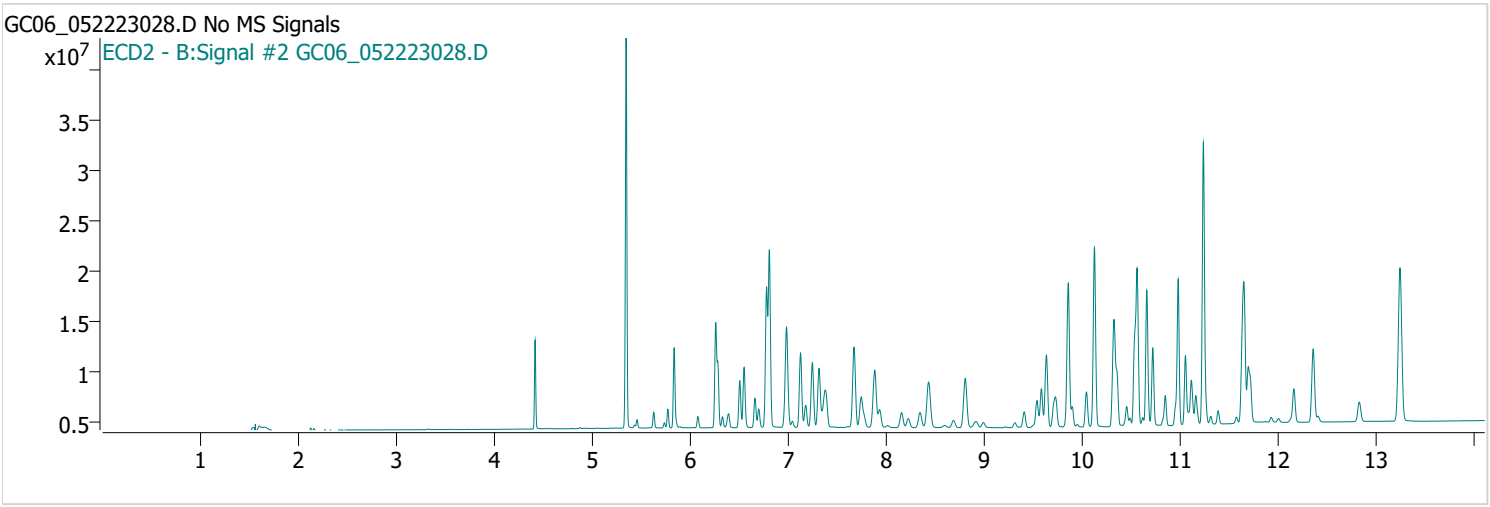
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	78.4331	13.25	0.00	35172468				



Quantitation Results Report (Not Reviewed)

Data File	GC06_052223028.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	5/22/2023 10:33:00 PM
Sample Name	ICAL, S18187	Instrument	SVOA-GC06
Vial	19	Multiplier	1.00
DA Method File	PCB_608_052223_GC06_1.m	Comment	
Tune File	ATUNE.U	Tune Date	
Batch Name	052223PCBICAL.batch.bin	Last Calib Update	5/23/2023 1:35:07 PM
Ref Library			



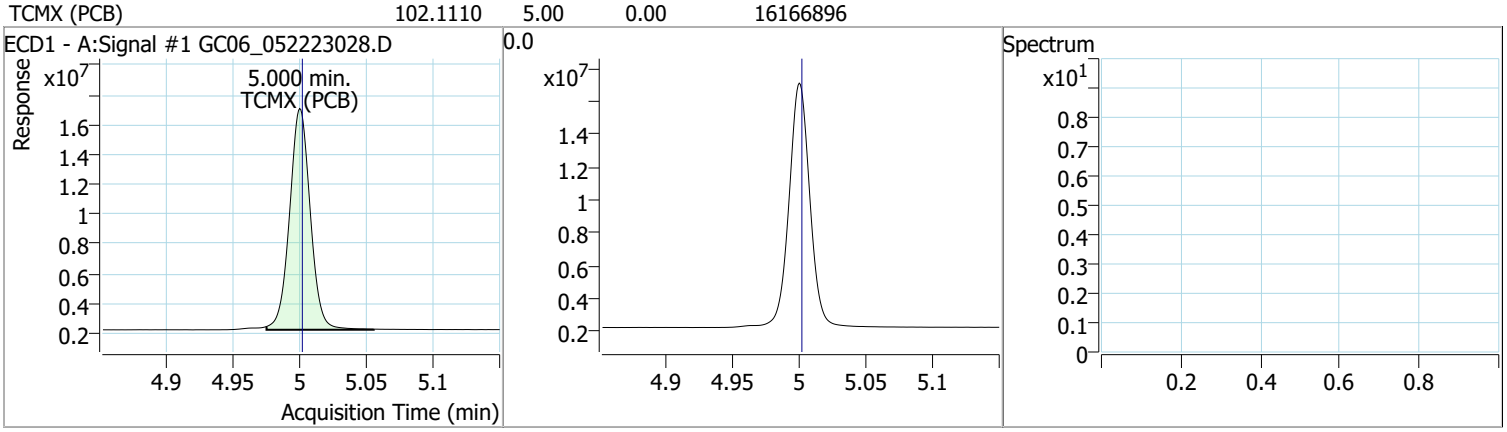


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1-bromo-2-nitrobenzene (PCB)	4.210	0.0	2986690.936	20.0000	ng/ml		0.000
M 1-bromo-2-nitrobenzene (PCB) #2	4.418	0.0	8039960.266	20.0000	ng/ml		0.000
System Monitoring Compounds							
S TCMX (PCB)	5.000	0.0	16166895.793	102.1110	ng/ml		-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 510.55%		*	
S TCMX (PCB) #2	5.347	0.0	41424203.830	97.4085	ng/ml		0.000
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 487.04%		*	
S Decachlorobiphenyl (PCB)	12.020	0.0	18098777.057	91.5570	ng/ml		-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 457.79%		*	
S Decachlorobiphenyl (PCB) #2	13.249	0.0	38113069.626	90.2567	ng/ml		0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 451.28%		*	
Target Compounds							QValue

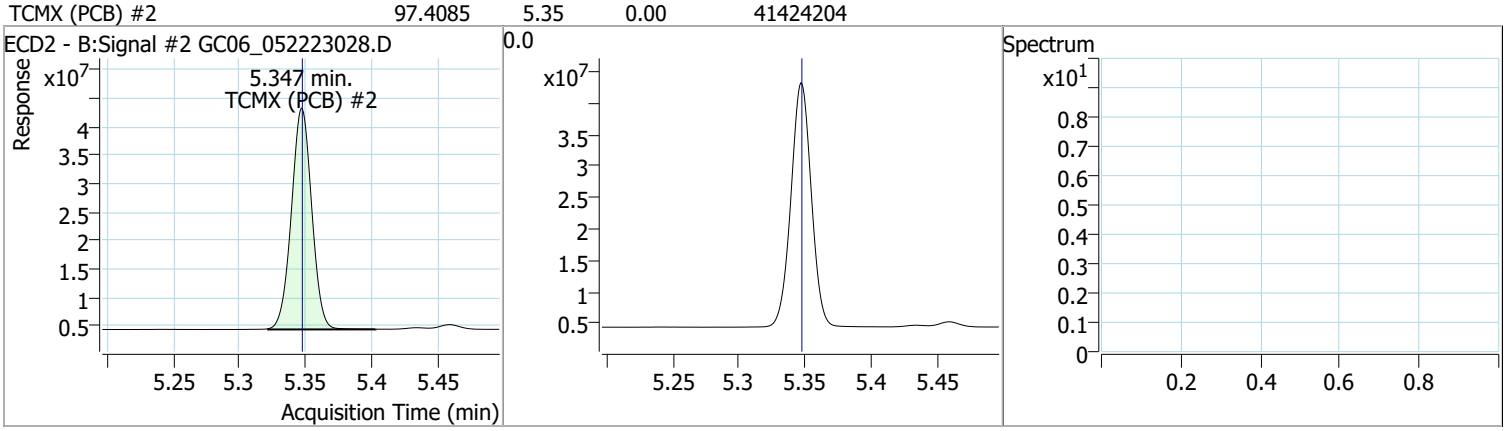
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T AR1016 1	5.365	0.0	4130951.453	1249.6334	ng/ml		100
T AR1016 2	5.708	0.0	8196556.920	1214.1351	ng/ml		100
T AR1016 1 #2	5.838	0.0	10197357.291	1218.9610	ng/ml		100
T AR1016 3	6.169	0.0	10657766.941	1237.7248	ng/ml	m	100
T AR1016 2 #2	6.262	0.0	21759547.417	1158.7807	ng/ml		100
T AR1016 4	6.308	0.0	6487825.573	1223.4577	ng/ml		100
T AR1016 5	6.503	0.0	4831227.273	1227.5157	ng/ml		100
T AR1016 3 #2	6.809	0.0	27859080.853	1234.2958	ng/ml		100
T AR1016 4 #2	6.984	0.0	19768821.415	1214.7340	ng/ml		100
T AR1016 5 #2	7.248	0.0	11131193.099	1221.6729	ng/ml		100
T AR1260 1	8.671	0.0	11760437.435	1191.5529	ng/ml		100
T AR1260 2	9.153	0.0	18103976.257	1205.8687	ng/ml		100
T AR1260 3	9.603	0.0	18677708.201	1160.6792	ng/ml		100
T AR1260 1 #2	9.862	0.0	26304987.981	1155.0923	ng/ml		100
T AR1260 4	10.093	0.0	10651294.214	1210.8391	ng/ml		100
T AR1260 2 #2	10.129	0.0	30540147.120	1186.5401	ng/ml		100
T AR1260 3 #2	10.564	0.0	38103713.481	1153.4885	ng/ml		100
T AR1260 5	10.797	0.0	17360314.058	1213.2751	ng/ml		100
T AR1260 4 #2	10.984	0.0	22794319.978	1180.7062	ng/ml		100
T AR1260 5 #2	11.654	0.0	33785997.393	1204.5277	ng/ml		100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

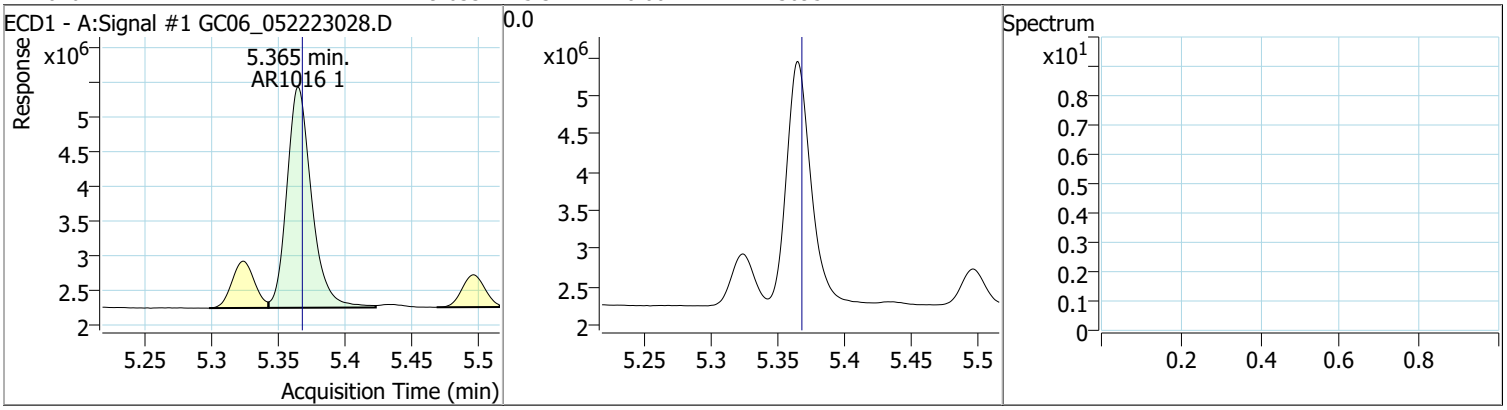
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	102.1110	5.00	0.00	16166896				



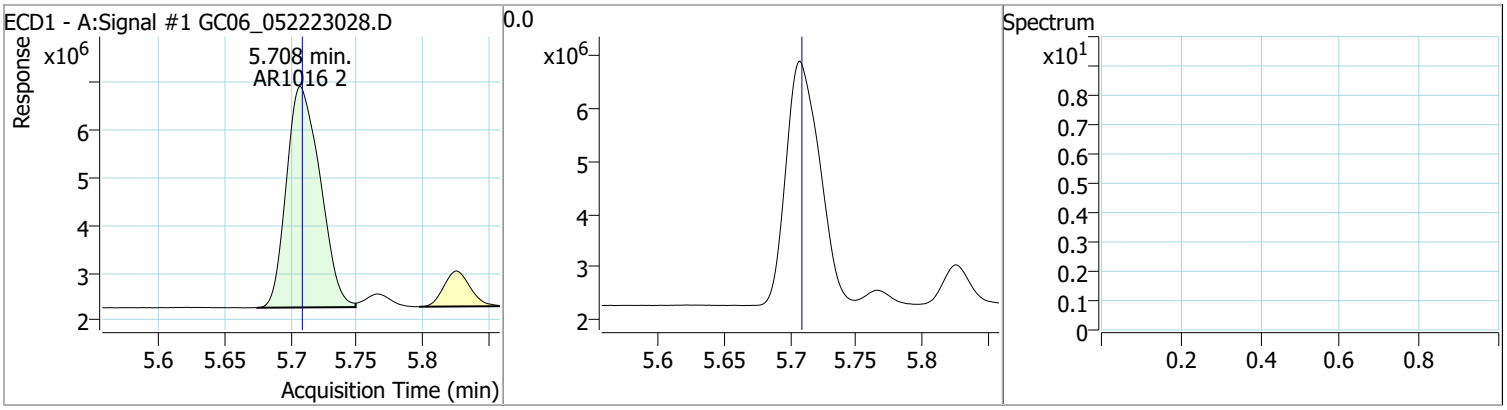
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB) #2	97.4085	5.35	0.00	41424204				



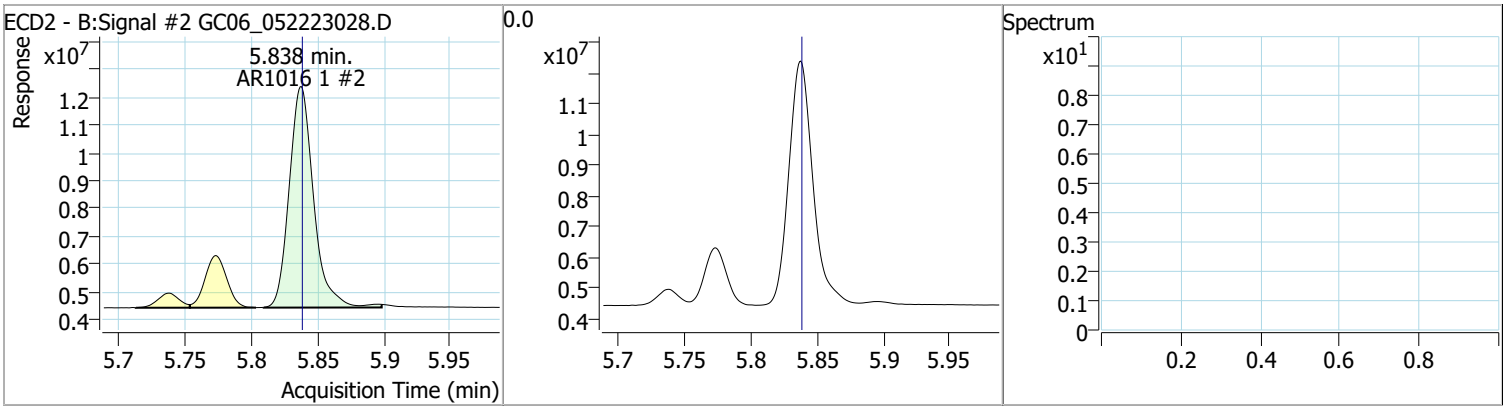
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	1249.6334	5.37	0.00	4130951				



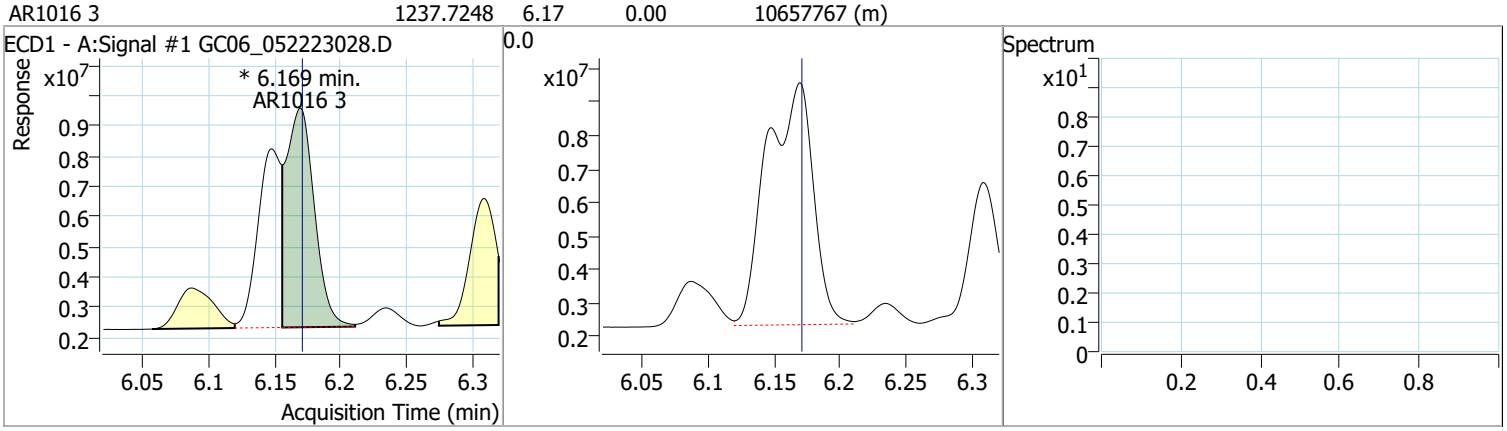
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	1214.1351	5.71	0.00	8196557				



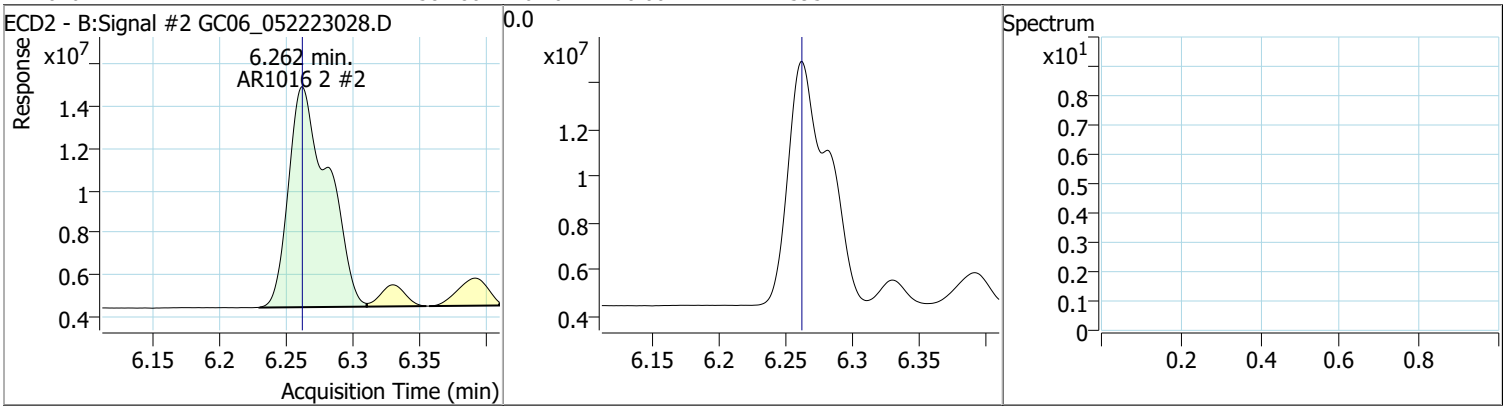
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1 #2	1218.9610	5.84	0.00	10197357				



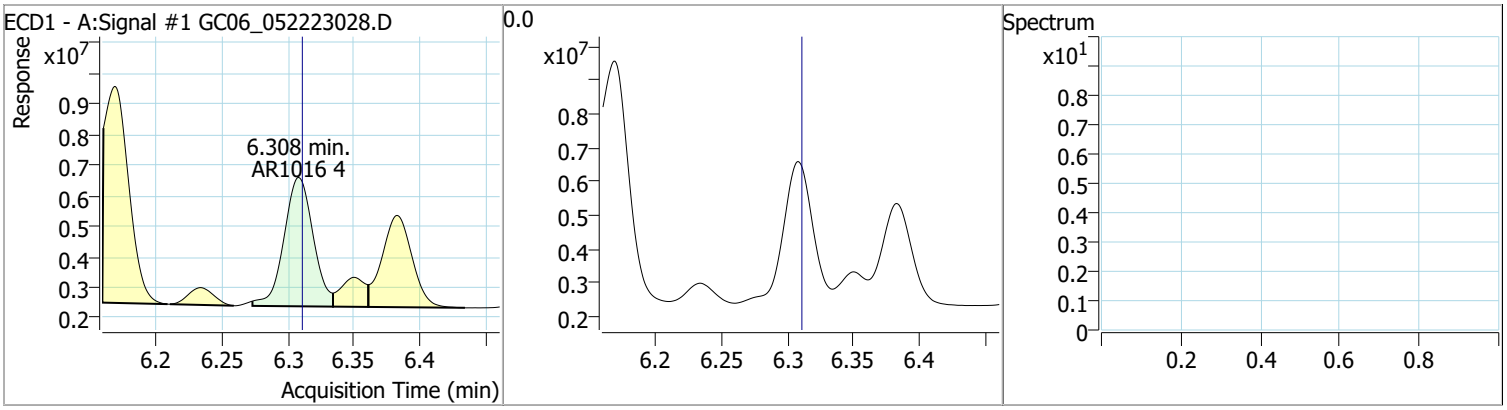
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	1237.7248	6.17	0.00	10657767 (m)				



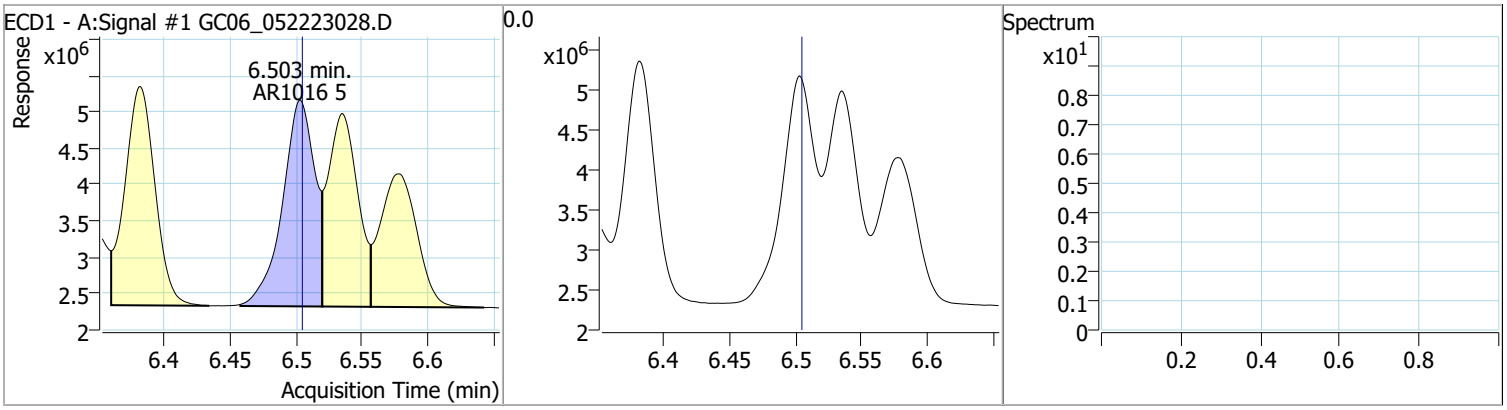
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	1158.7807	6.26	0.00	21759547				



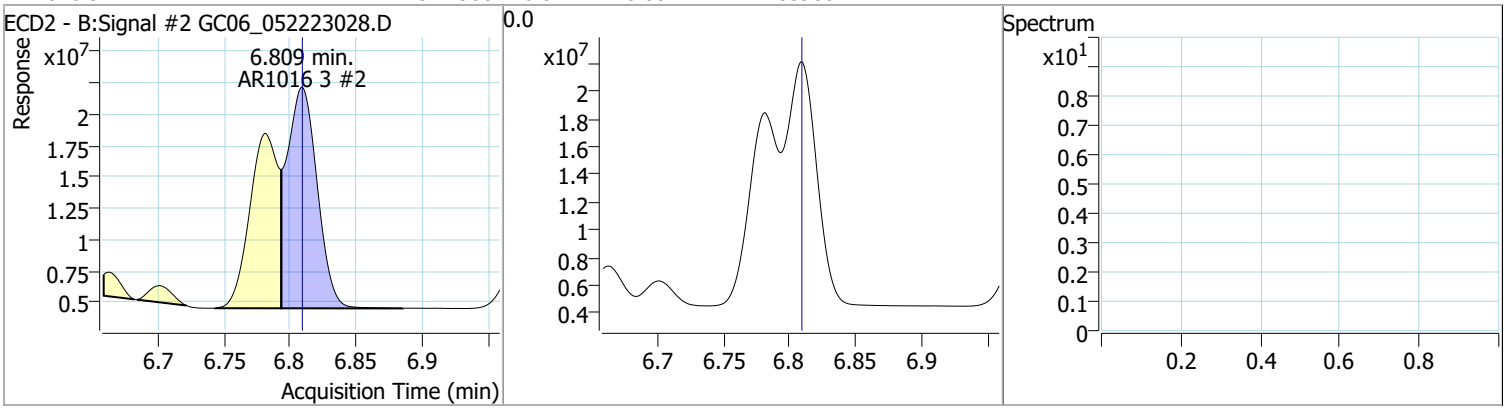
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4	1223.4577	6.31	0.00	6487826				



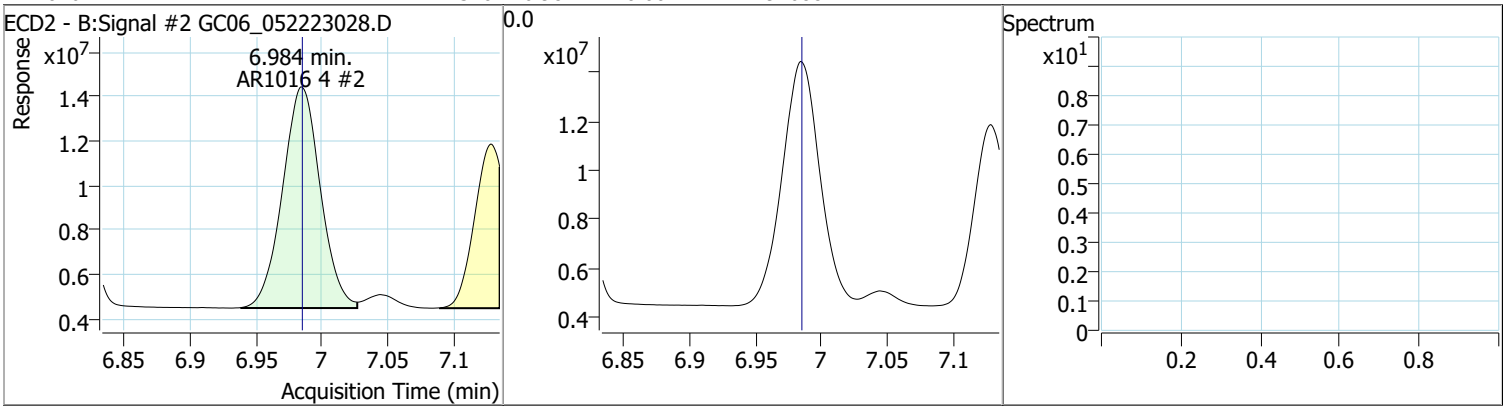
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	1227.5157	6.50	0.00	4831227				



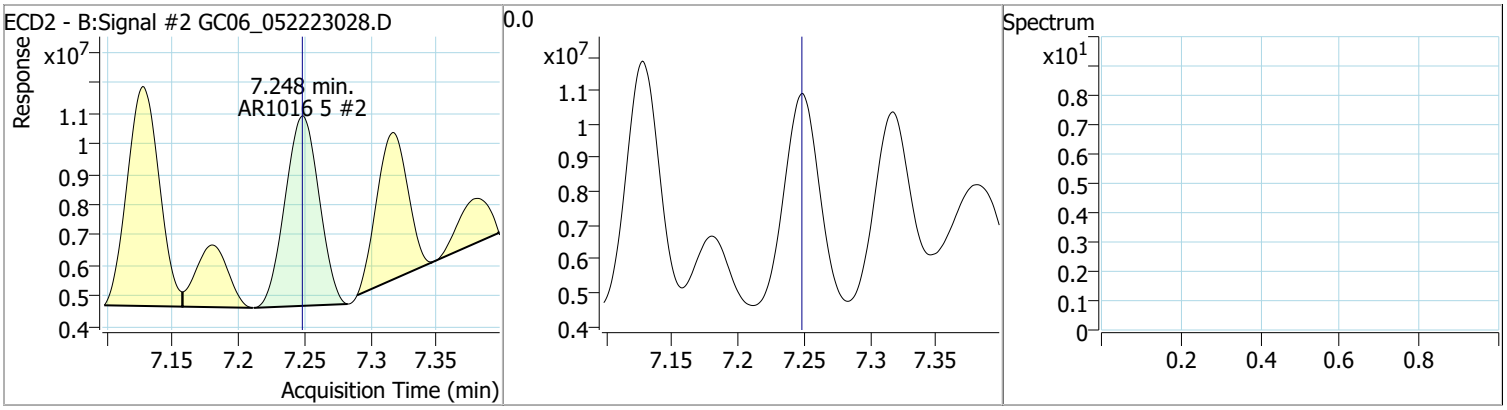
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	1234.2958	6.81	0.00	27859081				



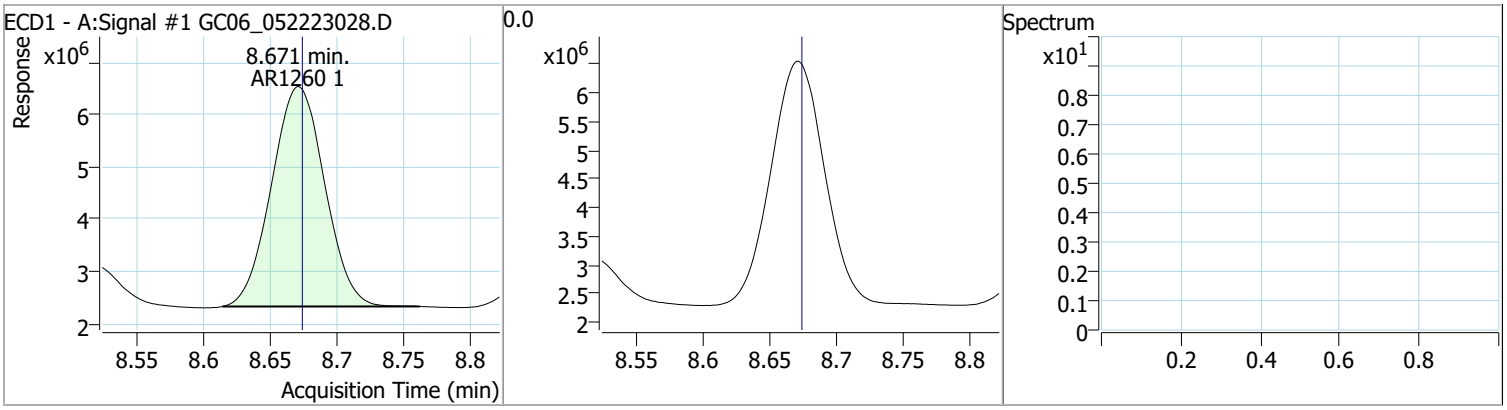
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4 #2	1214.7340	6.98	0.00	19768821				



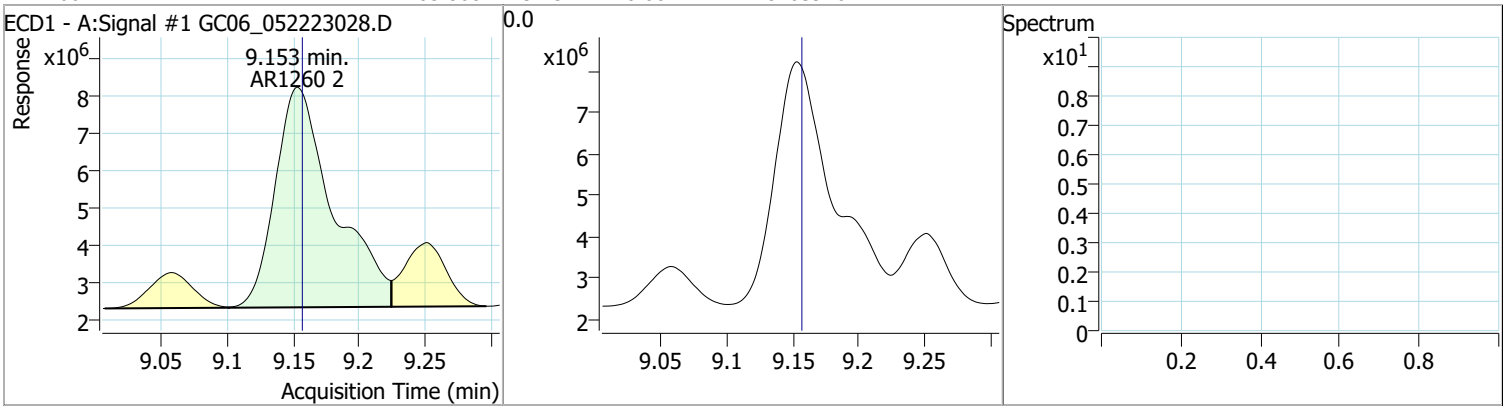
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	1221.6729	7.25	0.00	11131193				



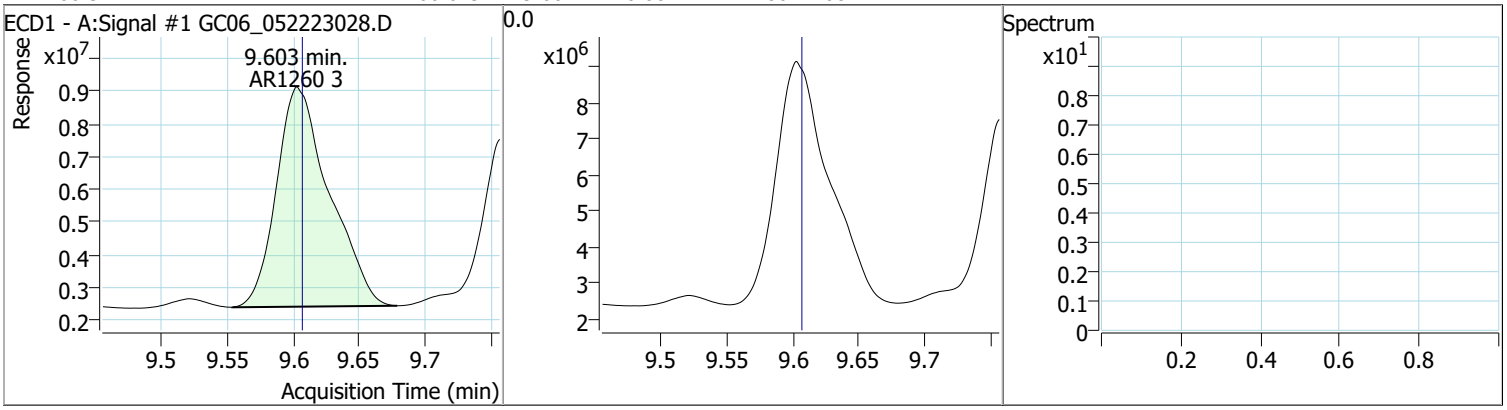
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	1191.5529	8.67	0.00	11760437				



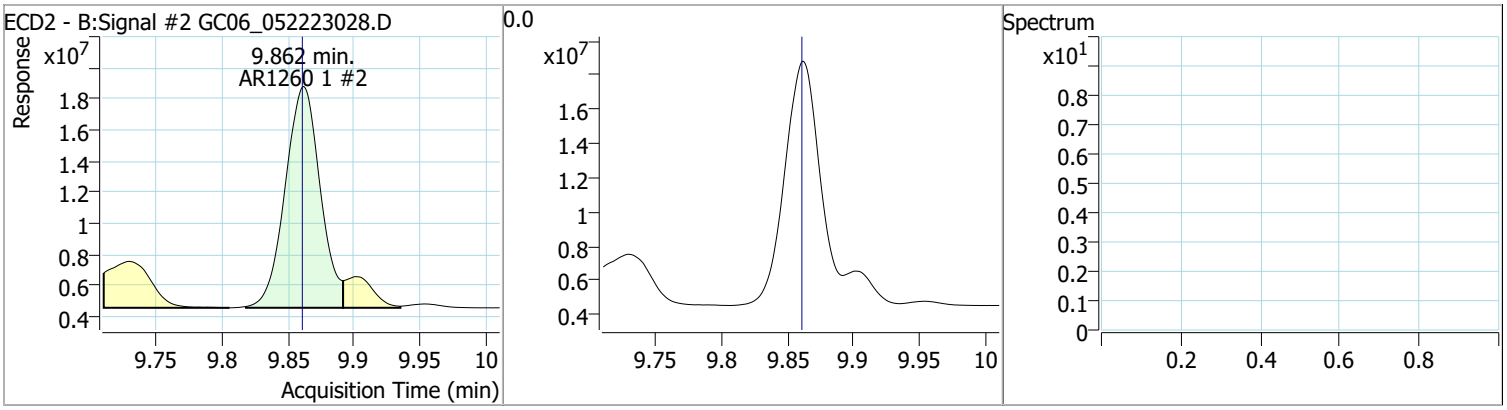
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	1205.8687	9.15	0.00	18103976				



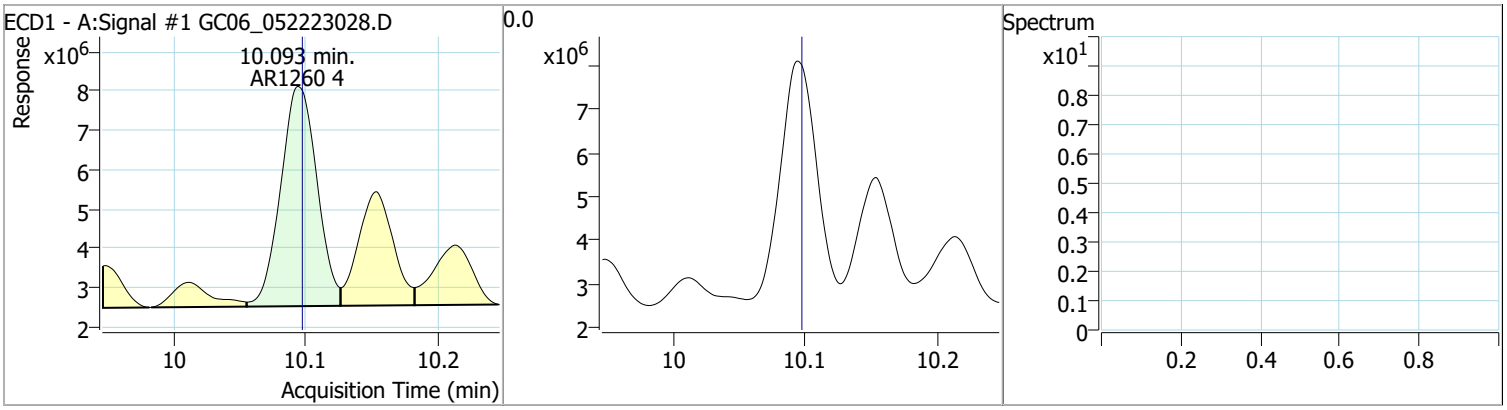
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3	1160.6792	9.60	0.00	18677708				



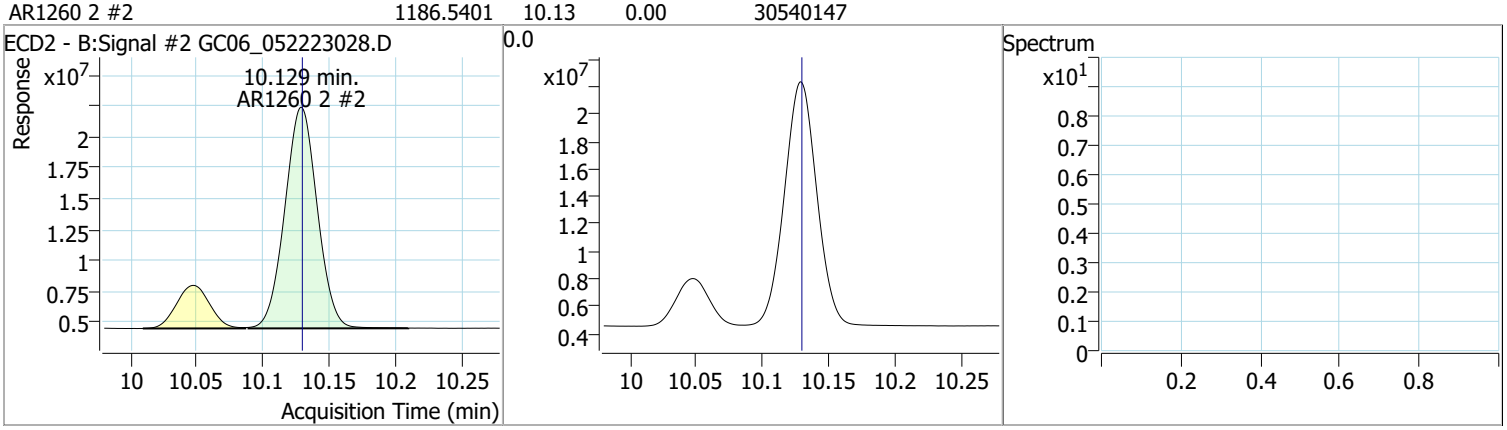
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1 #2	1155.0923	9.86	0.00	26304988				



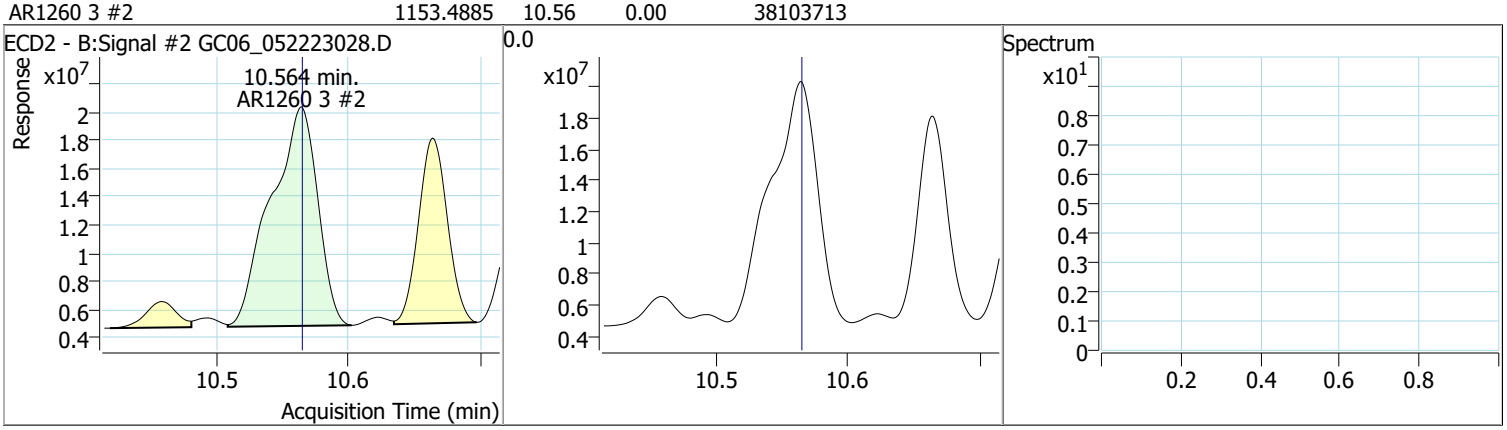
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4	1210.8391	10.09	0.00	10651294				



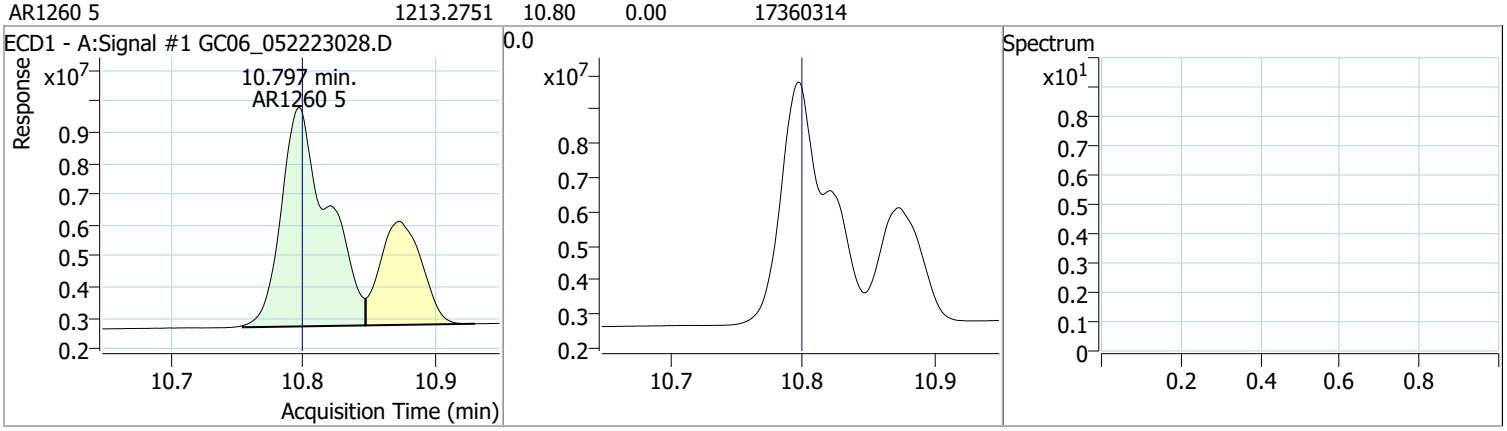
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	1186.5401	10.13	0.00	30540147				



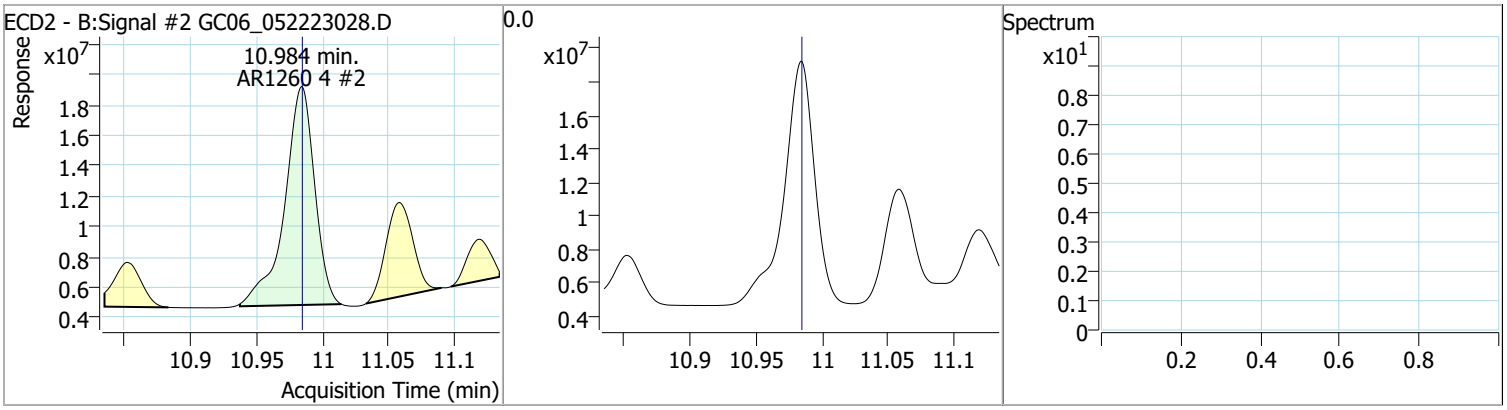
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3 #2	1153.4885	10.56	0.00	38103713				



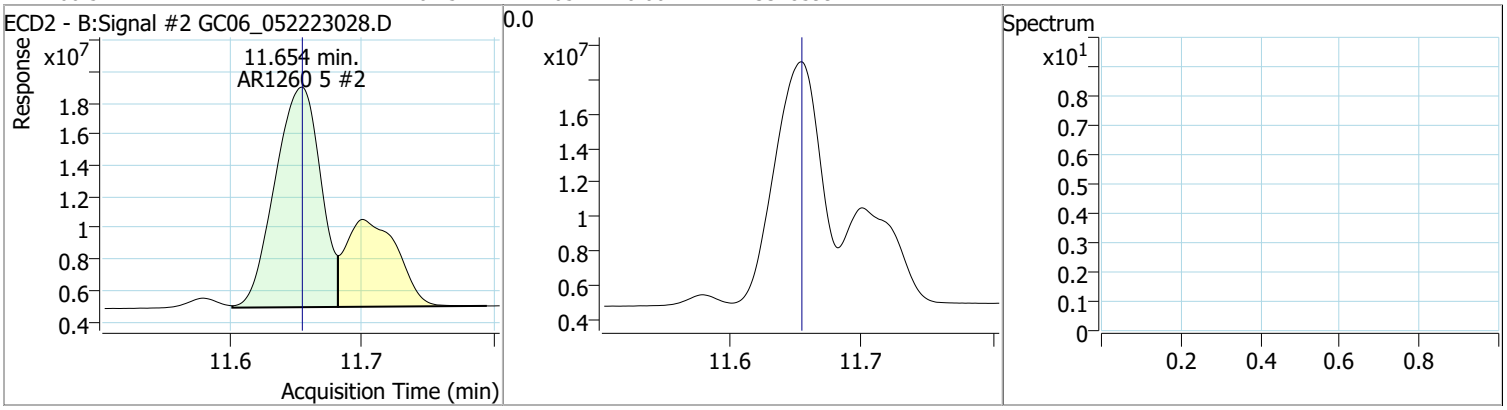
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	1213.2751	10.80	0.00	17360314				



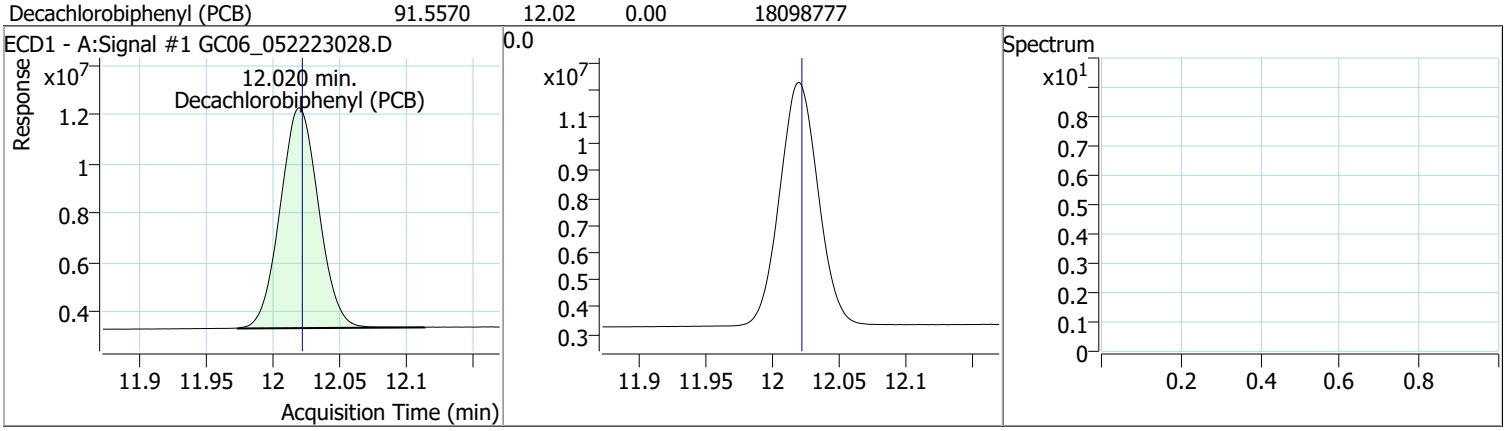
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	1180.7062	10.98	0.00	22794320				



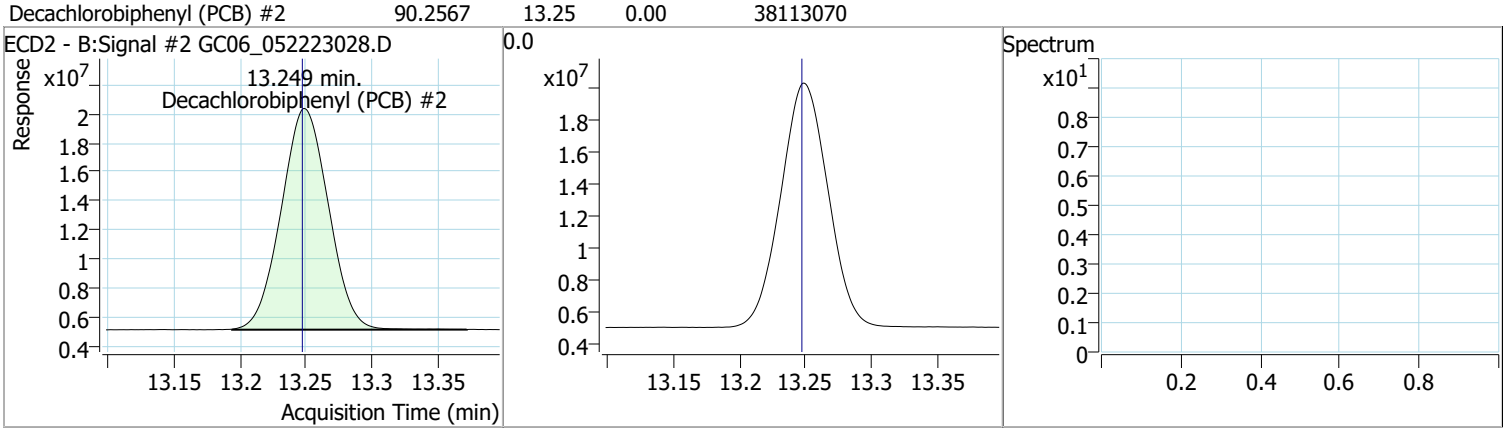
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	1204.5277	11.65	0.00	33785997				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	91.5570	12.02	0.00	18098777				

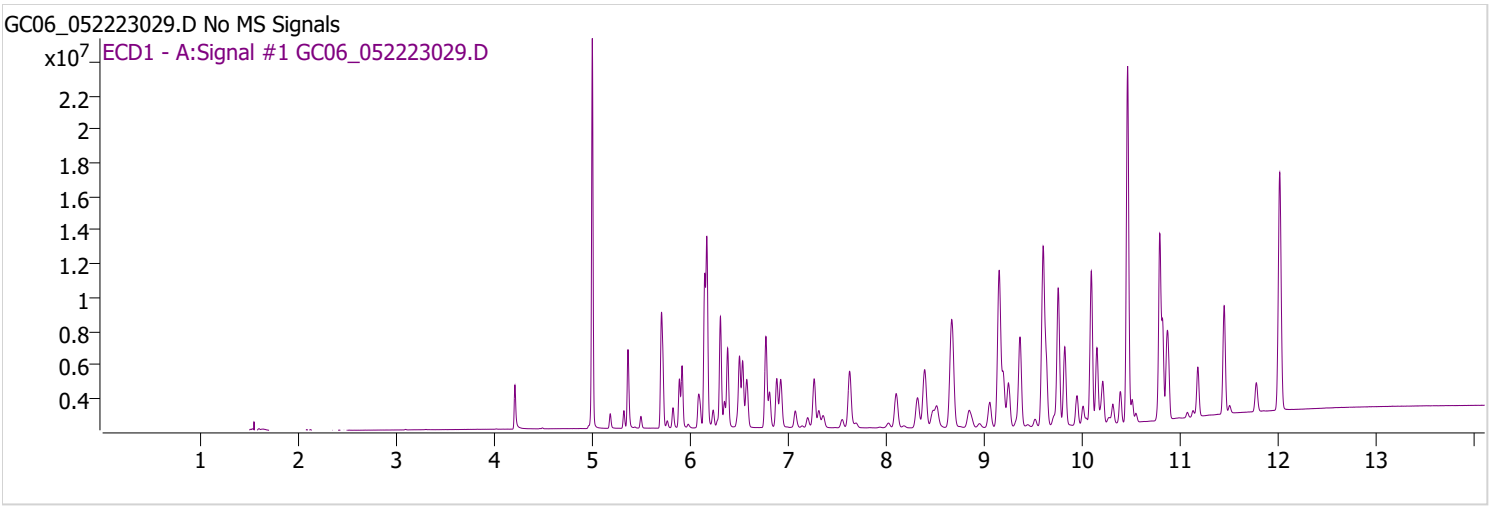


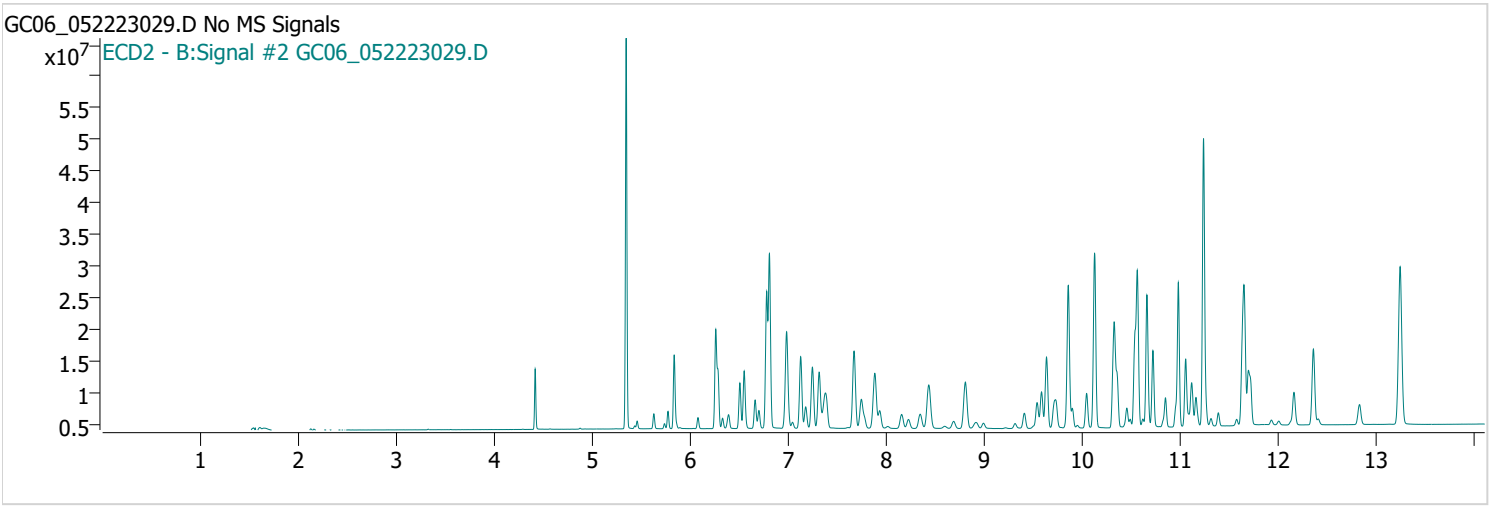
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	90.2567	13.25	0.00	38113070				



Quantitation Results Report (Not Reviewed)

Data File	GC06_052223029.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	5/22/2023 10:51:18 PM
Sample Name	ICAL, S18188	Instrument	SVOA-GC06
Vial	20	Multiplier	1.00
DA Method File	PCB_608_052223_GC06_1.m	Comment	
Tune File	ATUNE.U	Tune Date	
Batch Name	052223PCBICAL.batch.bin	Last Calib Update	5/23/2023 1:35:07 PM
Ref Library			



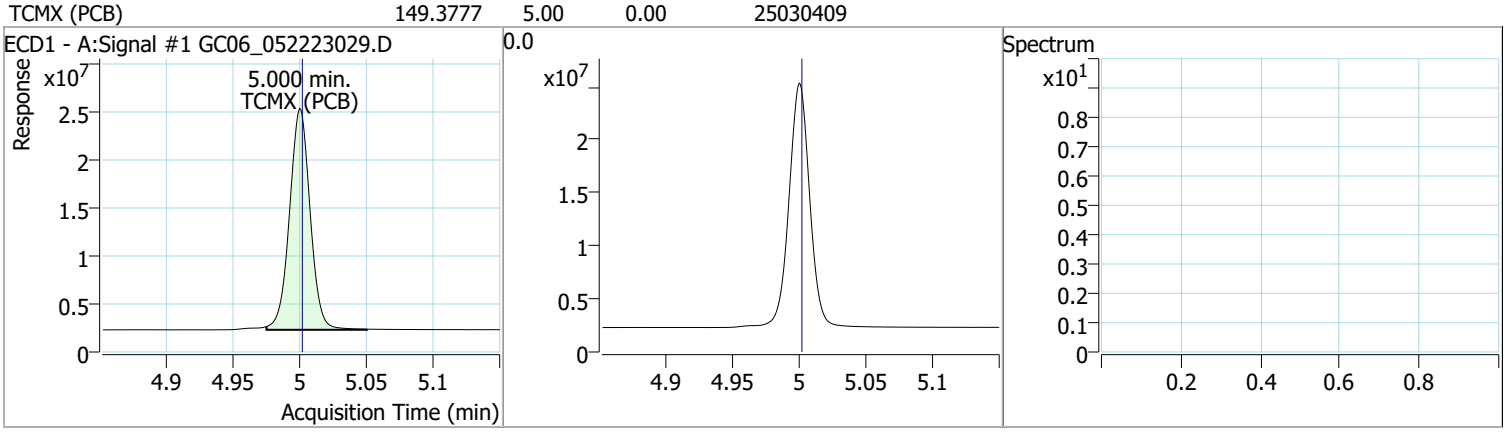


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1-bromo-2-nitrobenzene (PCB)	4.210	0.0	3160953.522	20.0000	ng/ml		0.000
M 1-bromo-2-nitrobenzene (PCB) #2	4.417	0.0	8708626.250	20.0000	ng/ml		-0.001
System Monitoring Compounds							
S TCMX (PCB)	5.000	0.0	25030409.175	149.3777	ng/ml		-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 746.89%		*	
S TCMX (PCB) #2	5.346	0.0	64295492.109	139.5813	ng/ml		-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 697.91%		*	
S Decachlorobiphenyl (PCB)	12.019	0.0	28685981.809	137.1148	ng/ml		-0.002
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 685.57%		*	
S Decachlorobiphenyl (PCB) #2	13.248	0.0	59749651.364	130.6306	ng/ml		0.000
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 653.15%		*	
Target Compounds							QValue

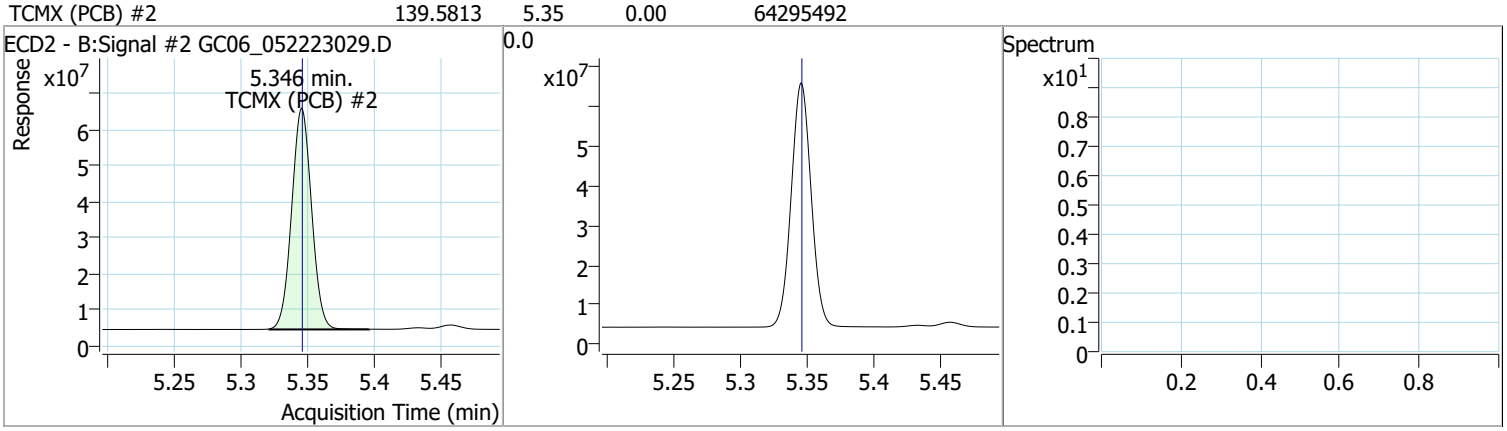
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T AR1016 1	5.364	0.0	6111222.294	1746.7582	ng/ml		100
T AR1016 2	5.707	0.0	12227855.091	1711.4256	ng/ml		100
T AR1016 1 #2	5.837	0.0	15232880.432	1681.0803	ng/ml		100
T AR1016 3	6.169	0.0	15869224.276	1741.3487	ng/ml	m	100
T AR1016 2 #2	6.261	0.0	32724417.412	1608.8944	ng/ml		100
T AR1016 4	6.308	0.0	9777963.894	1742.2497	ng/ml		100
T AR1016 5	6.503	0.0	7149301.582	1716.3481	ng/ml		100
T AR1016 3 #2	6.808	0.0	43067076.509	1761.5789	ng/ml		100
T AR1016 4 #2	6.984	0.0	30031294.720	1703.6435	ng/ml		100
T AR1016 5 #2	7.248	0.0	16814382.625	1703.7207	ng/ml		100
T AR1260 1	8.670	0.0	18234205.612	1745.6166	ng/ml		100
T AR1260 2	9.154	0.0	27664782.787	1741.1071	ng/ml		100
T AR1260 3	9.603	0.0	29097860.552	1708.5270	ng/ml		100
T AR1260 1 #2	9.860	0.0	40763768.158	1652.5597	ng/ml		100
T AR1260 4	10.095	0.0	16560328.527	1778.7921	ng/ml		100
T AR1260 2 #2	10.129	0.0	47655773.797	1709.3504	ng/ml		100
T AR1260 3 #2	10.564	0.0	59893964.610	1673.9145	ng/ml		100
T AR1260 5	10.794	0.0	27496413.534	1815.7244	ng/ml	m	100
T AR1260 4 #2	10.983	0.0	35335043.954	1689.7602	ng/ml		100
T AR1260 5 #2	11.653	0.0	53682827.720	1766.9314	ng/ml		100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

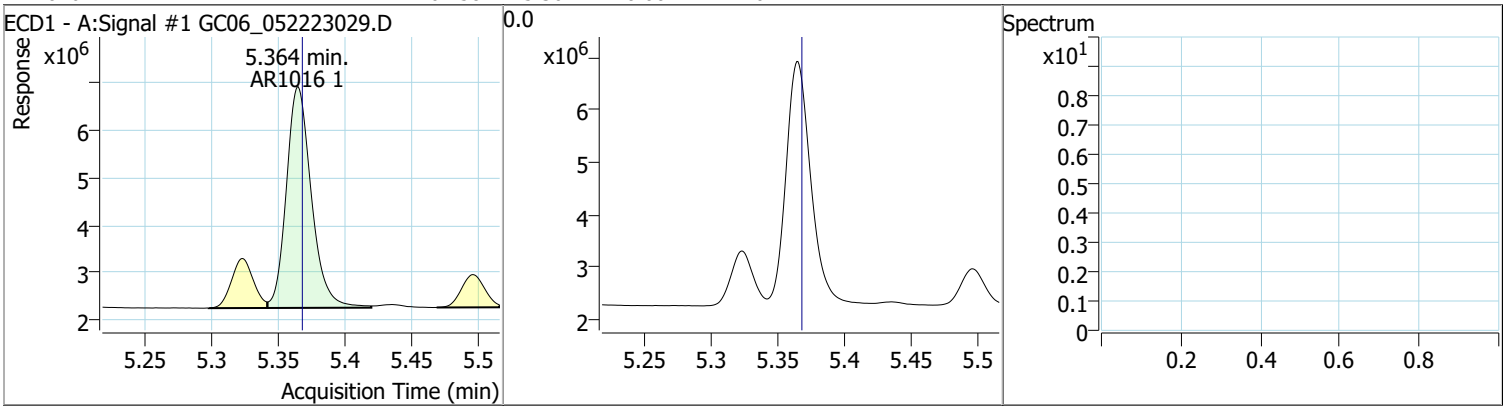
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	149.3777	5.00	0.00	25030409				



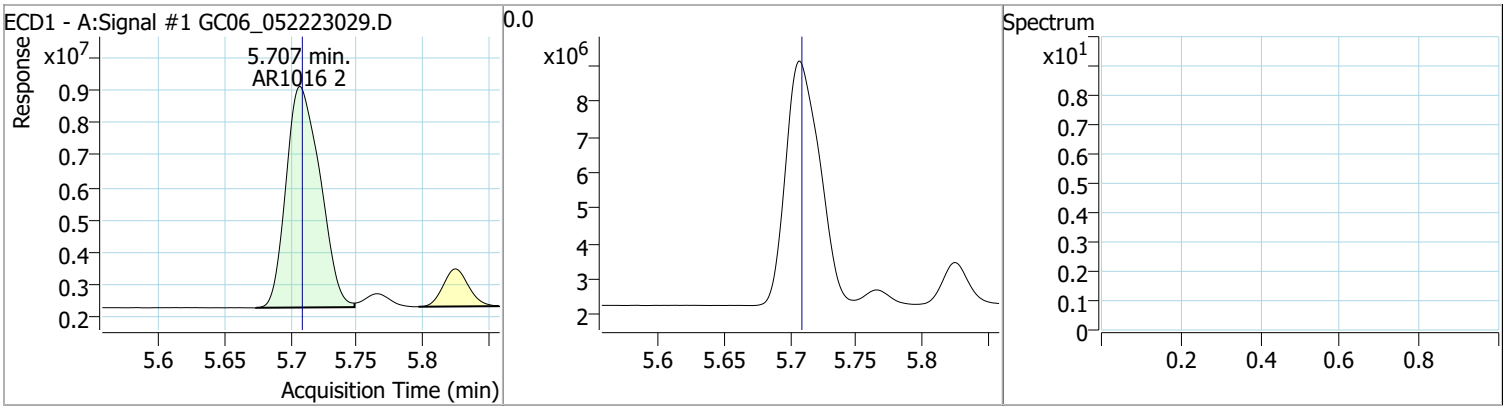
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TCMX (PCB) #2	139.5813	5.35	0.00	64295492				



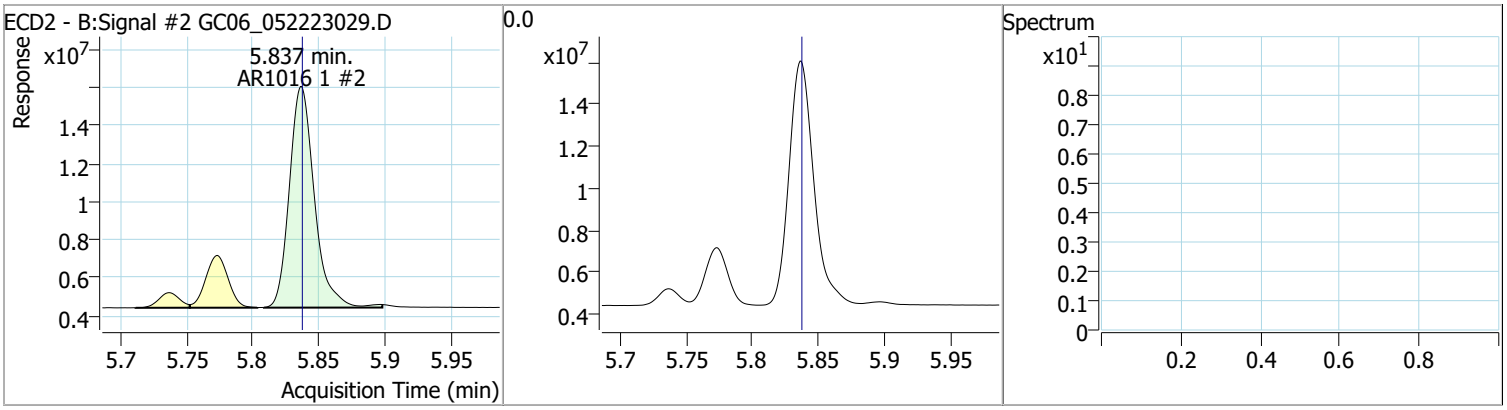
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	1746.7582	5.36	0.00	6111222				



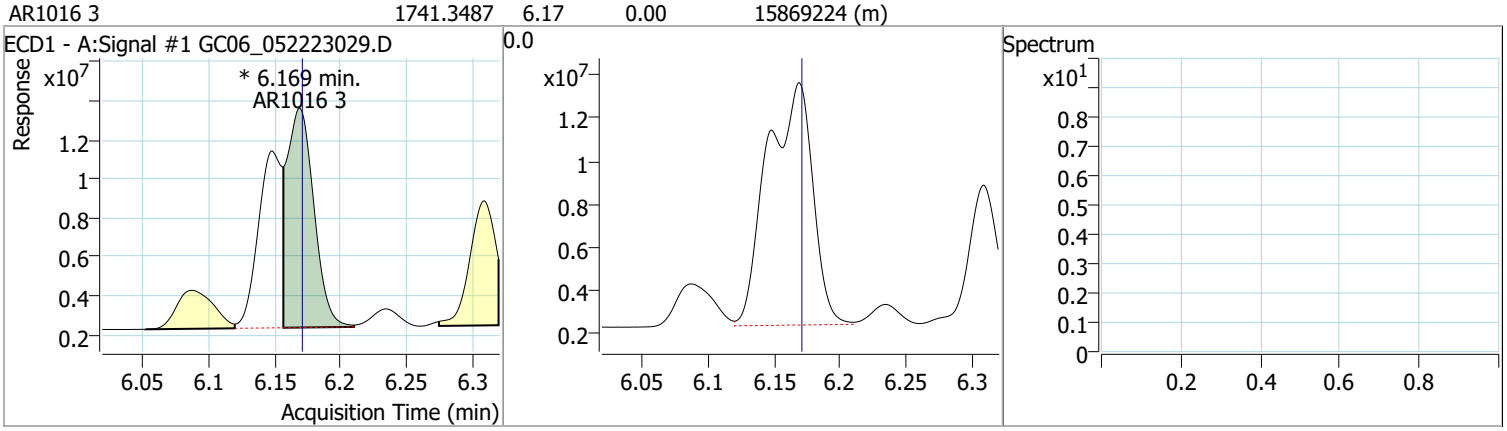
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	1711.4256	5.71	0.00	12227855				



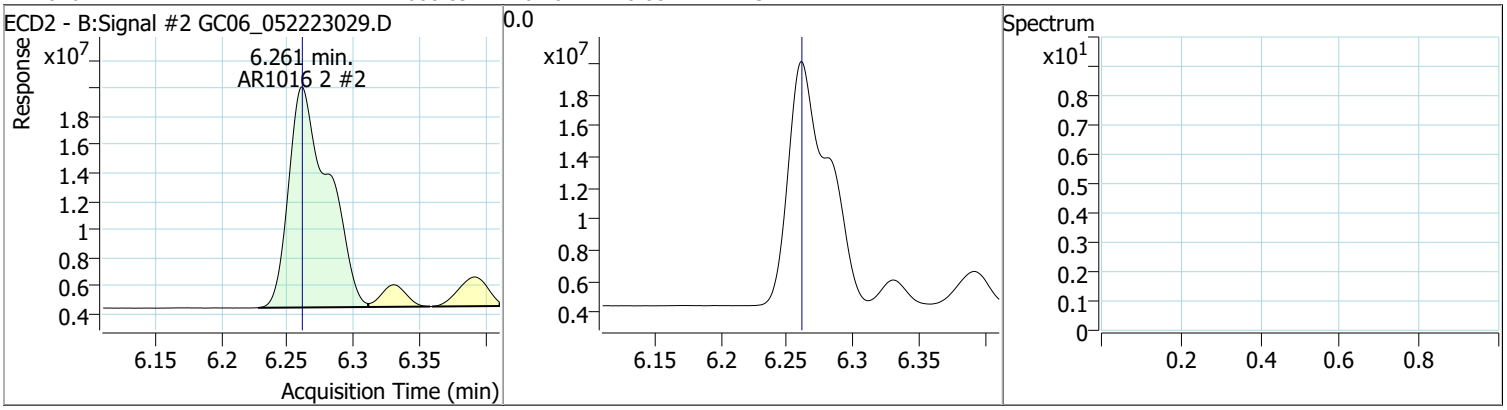
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1 #2	1681.0803	5.84	0.00	15232880				



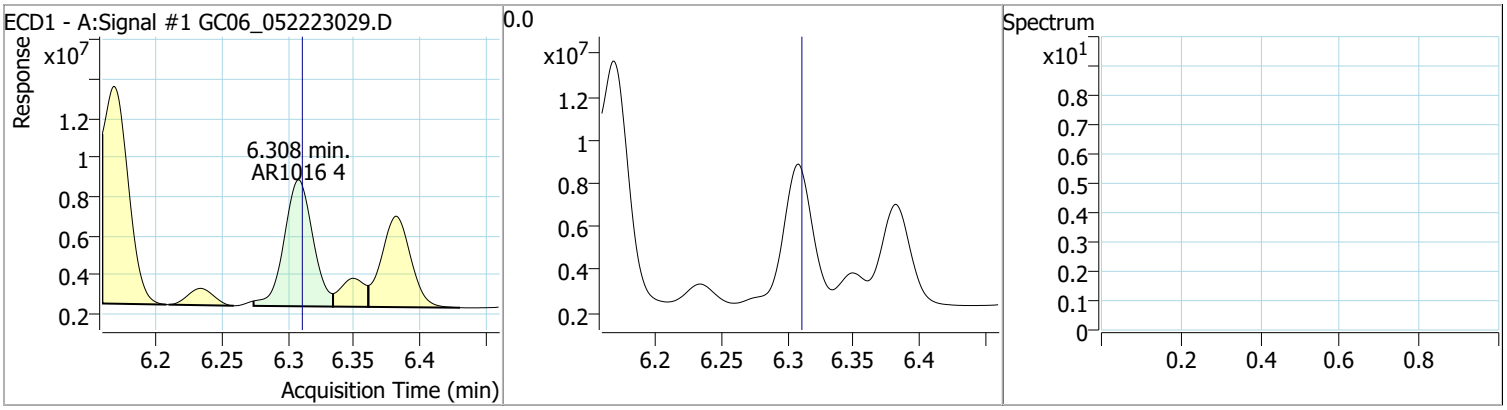
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	1741.3487	6.17	0.00	15869224 (m)				



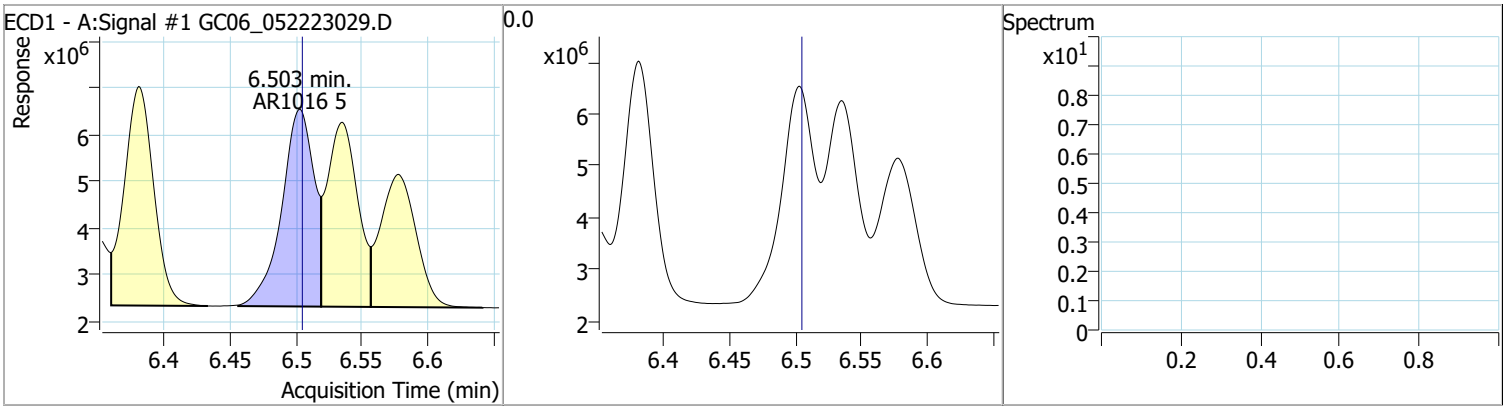
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	1608.8944	6.26	0.00	32724417				



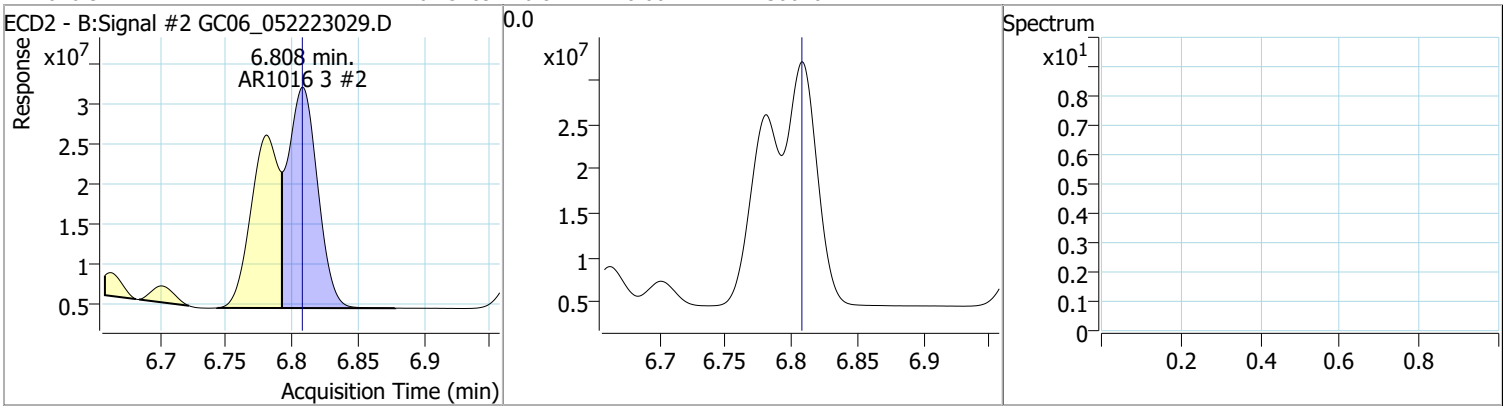
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4	1742.2497	6.31	0.00	9777964				



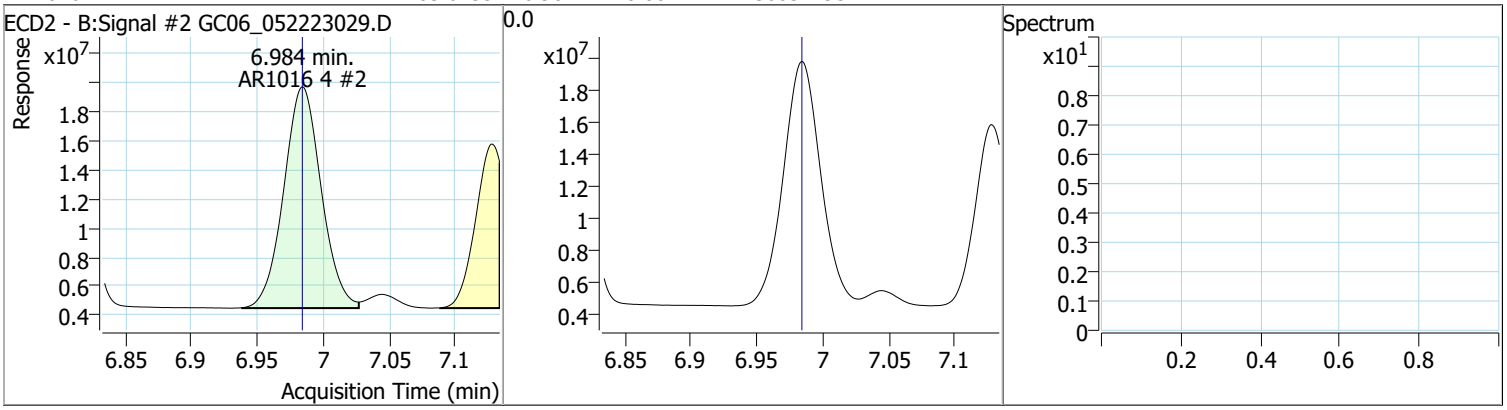
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	1716.3481	6.50	0.00	7149302				



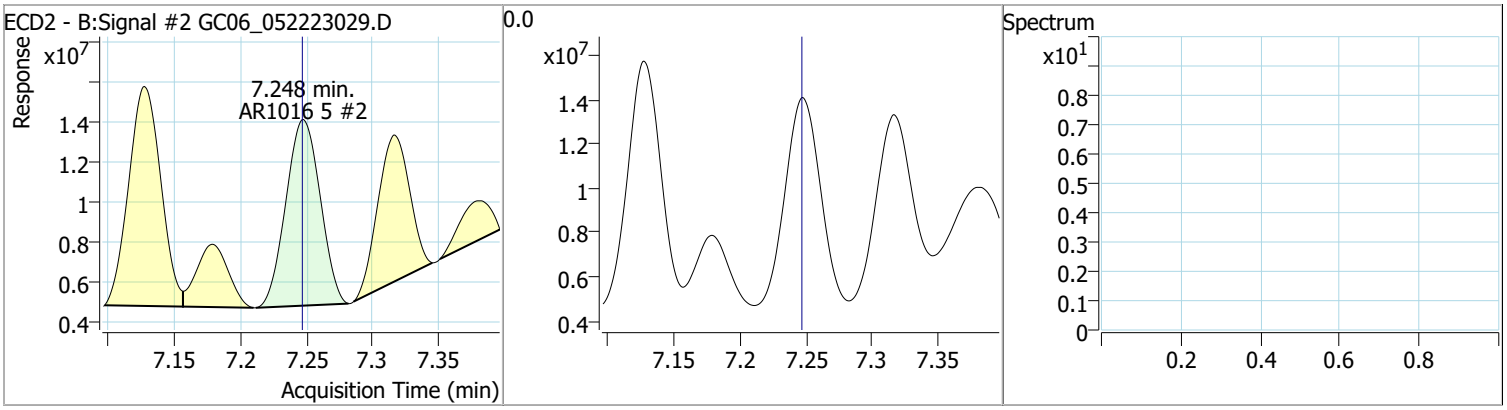
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	1761.5789	6.81	0.00	43067077				



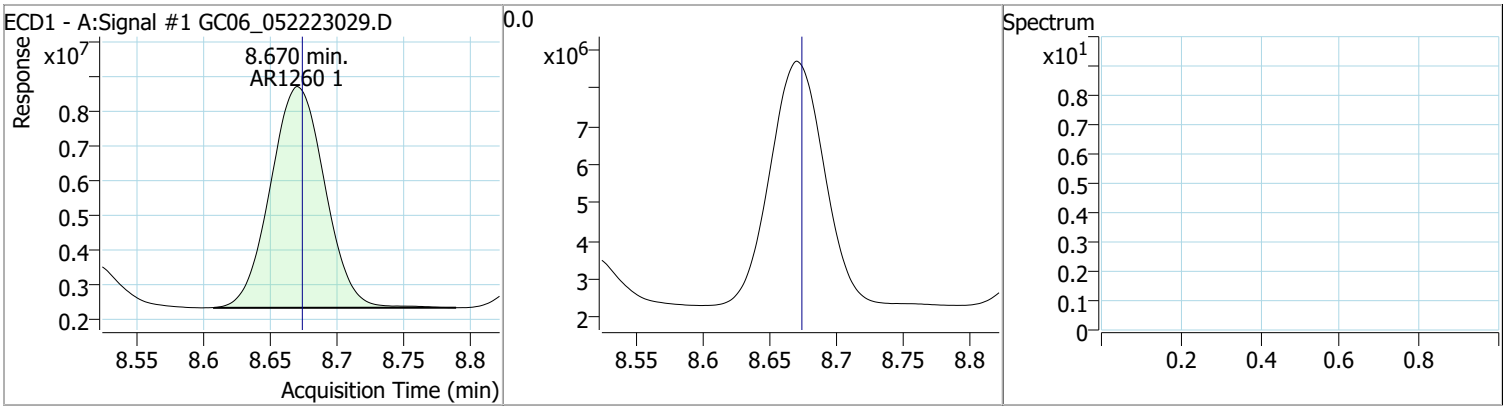
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4 #2	1703.6435	6.98	0.00	30031295				



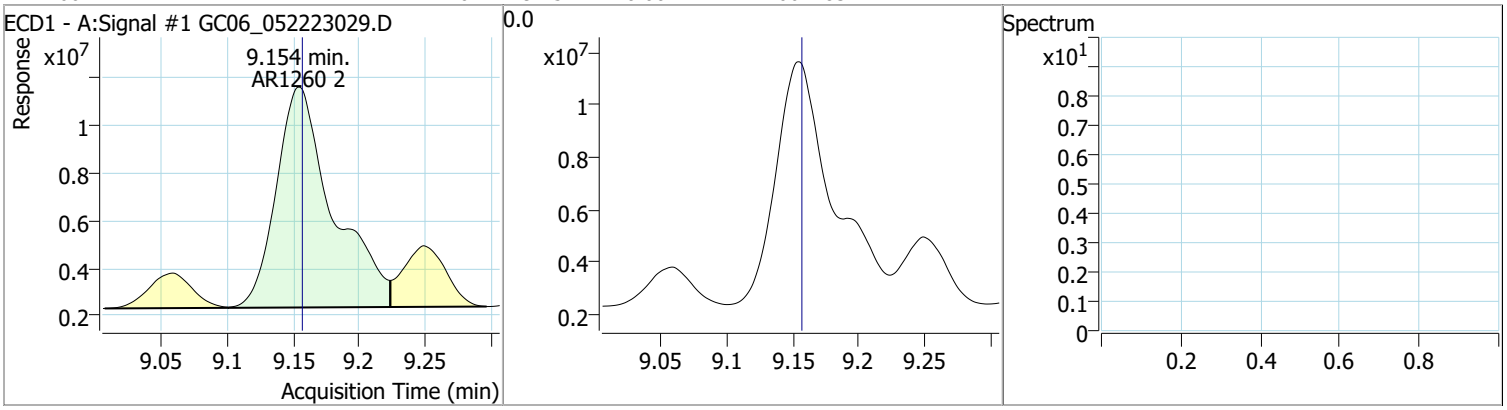
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	1703.7207	7.25	0.00	16814383				



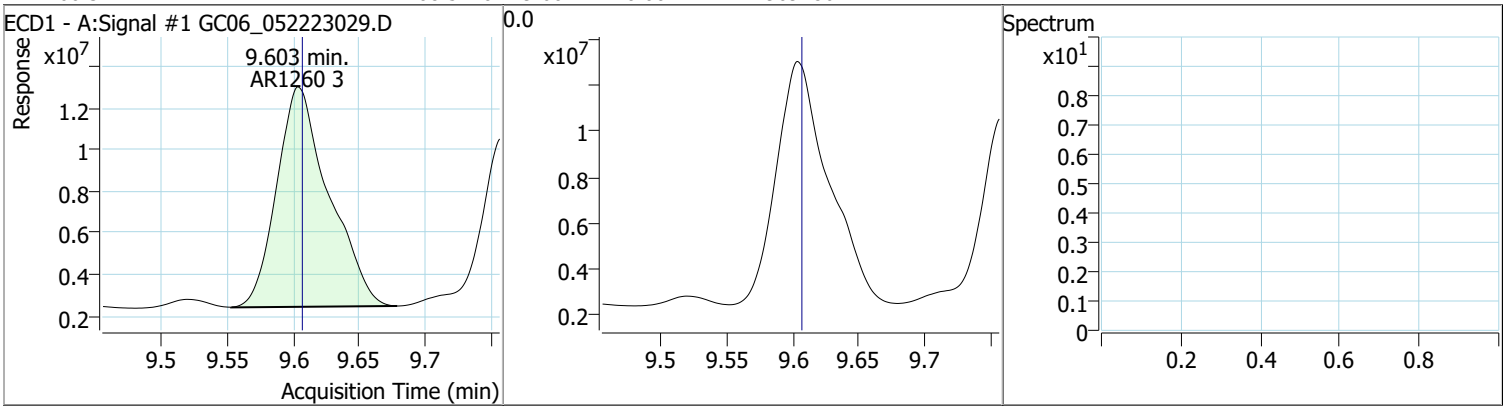
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	1745.6166	8.67	0.00	18234206				



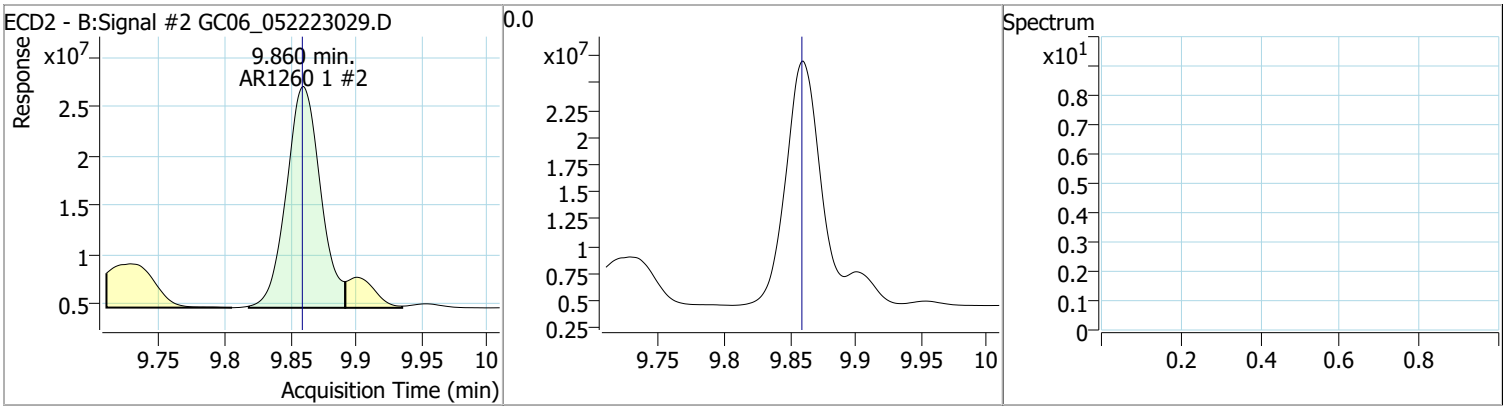
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	1741.1071	9.15	0.00	27664783				



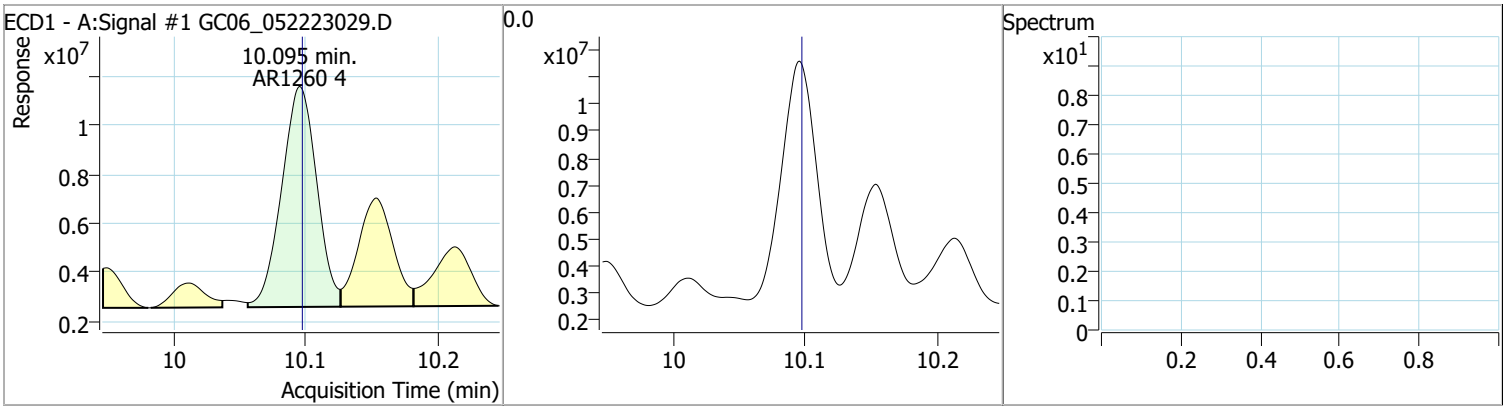
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3	1708.5270	9.60	0.00	29097861				



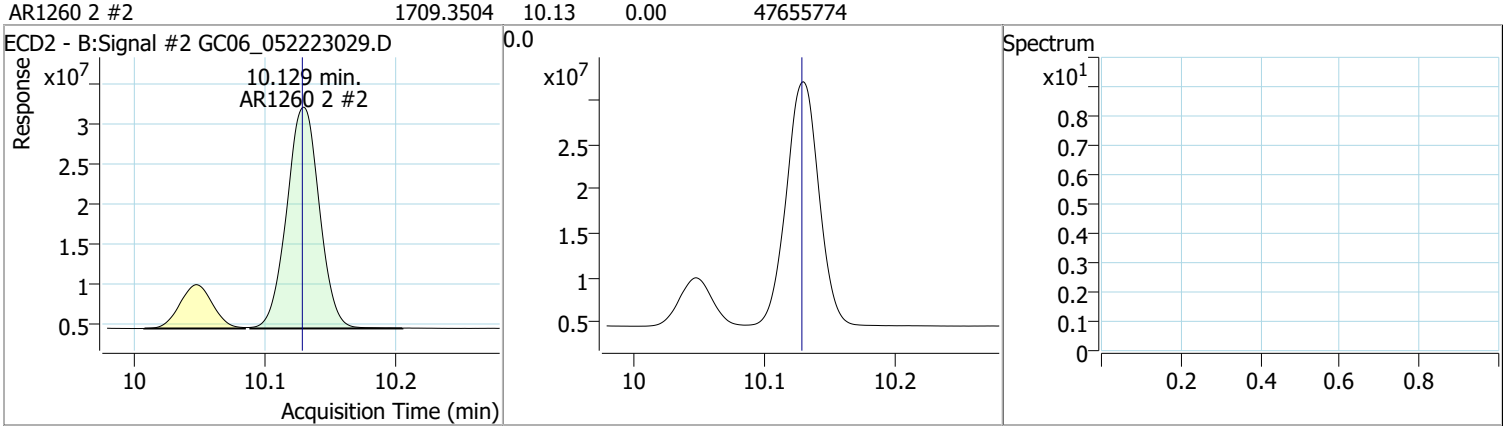
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1 #2	1652.5597	9.86	0.00	40763768				



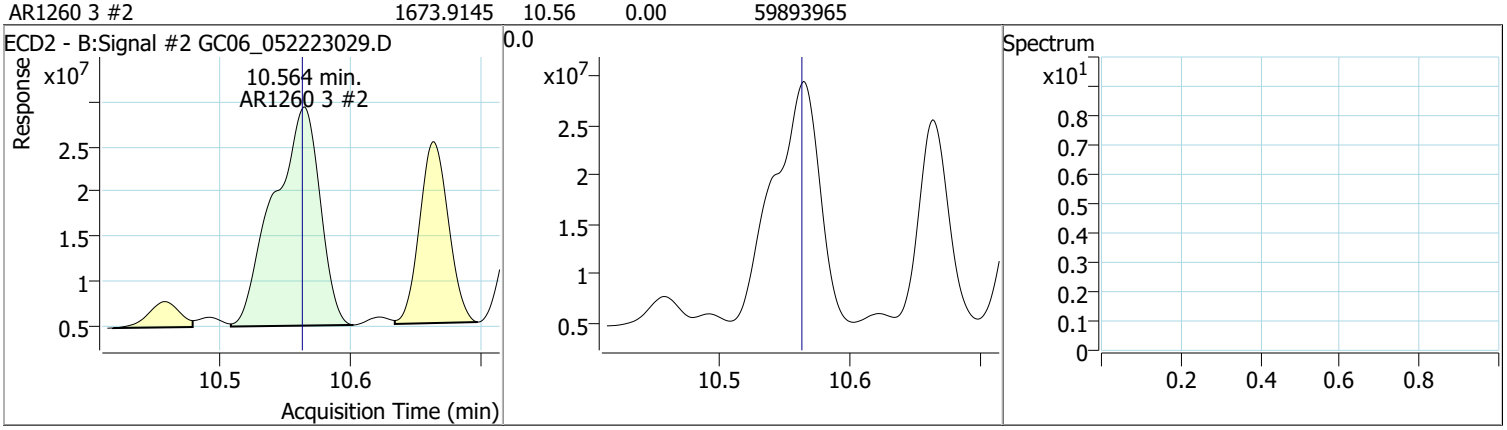
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4	1778.7921	10.10	0.00	16560329				



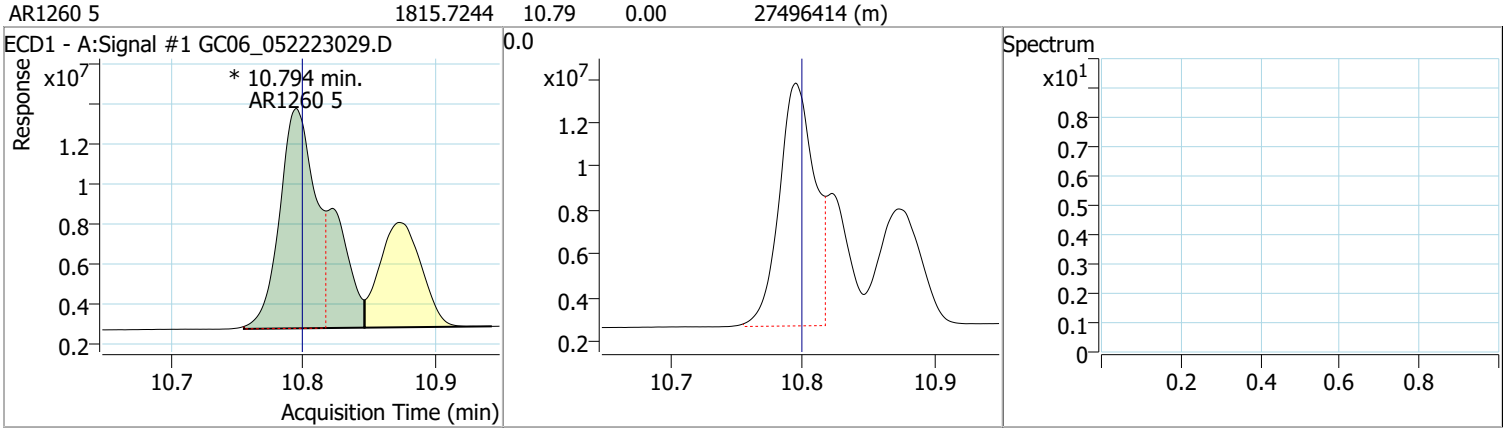
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	1709.3504	10.13	0.00	47655774				



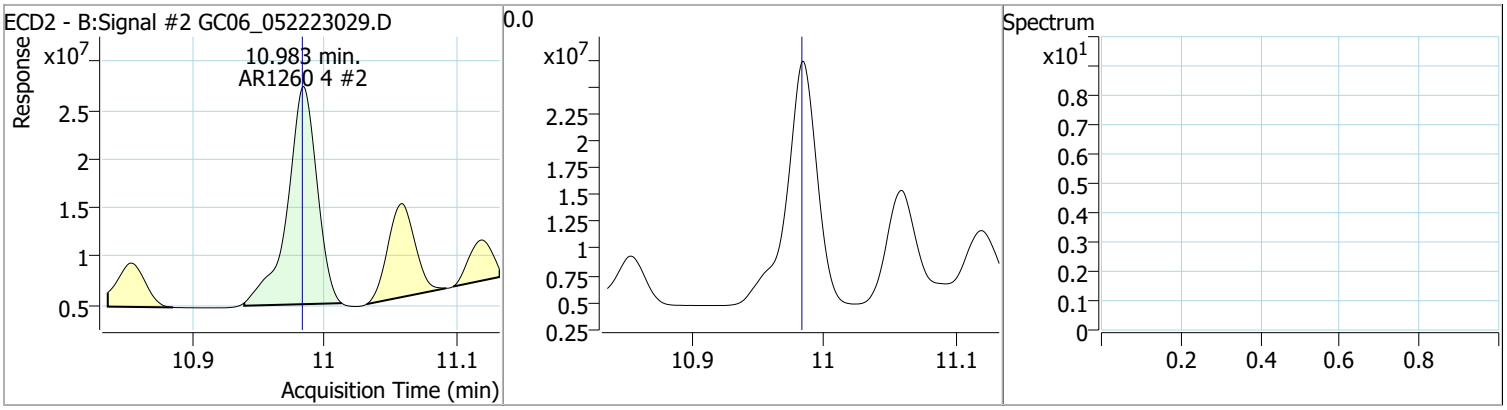
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3 #2	1673.9145	10.56	0.00	59893965				



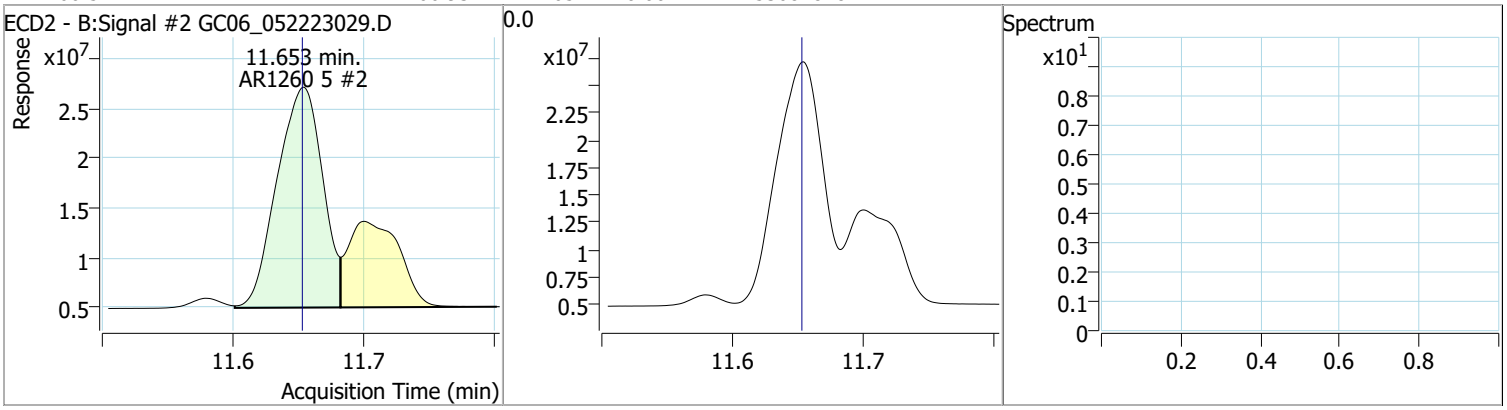
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	1815.7244	10.79	0.00	27496414 (m)				



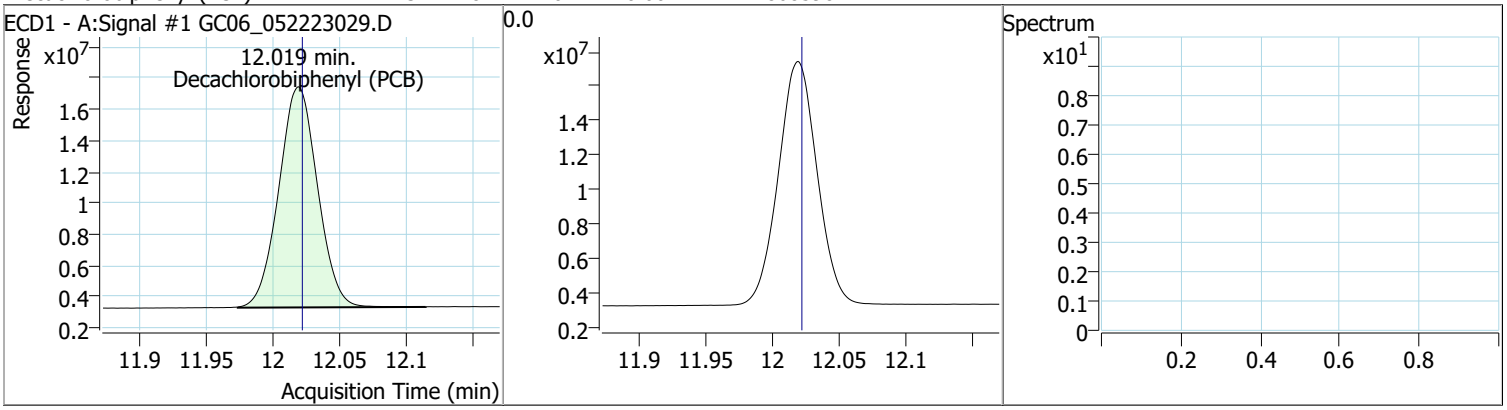
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	1689.7602	10.98	0.00	35335044				



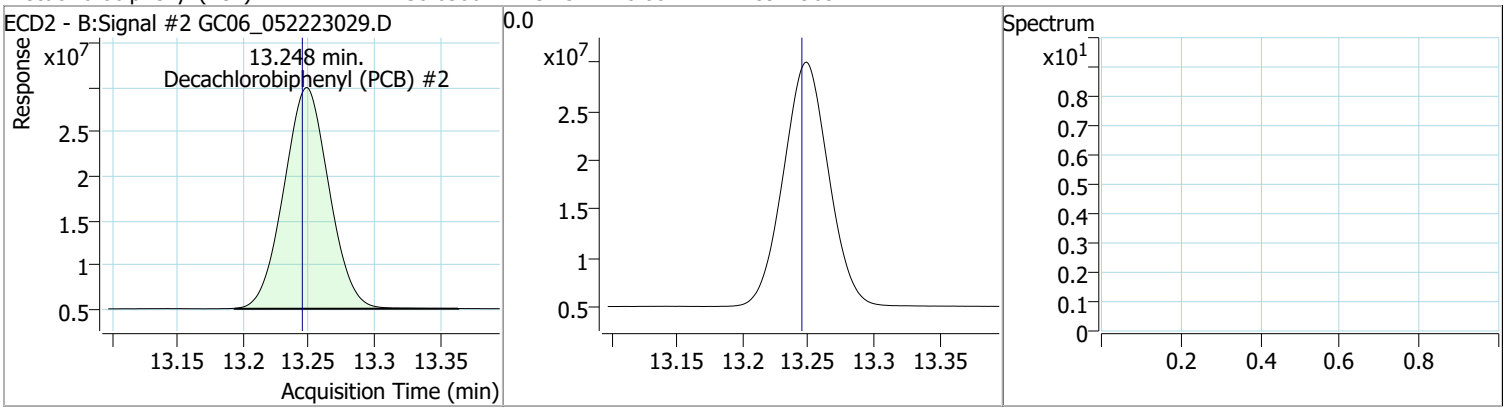
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	1766.9314	11.65	0.00	53682828				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	137.1148	12.02	0.00	28685982				

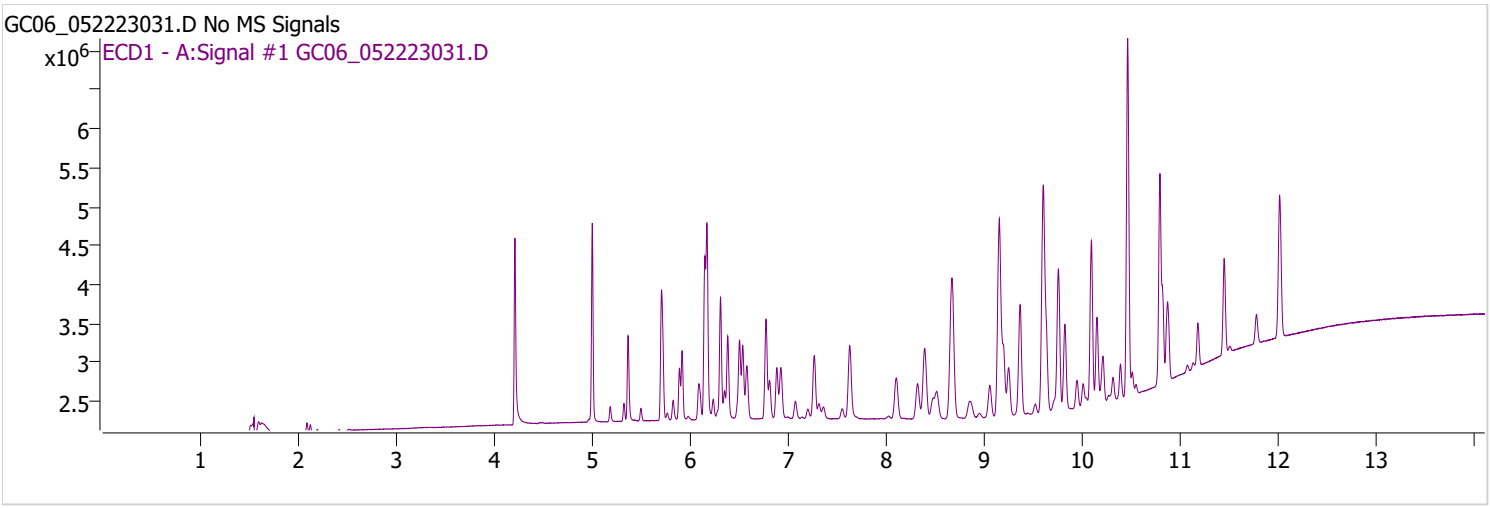


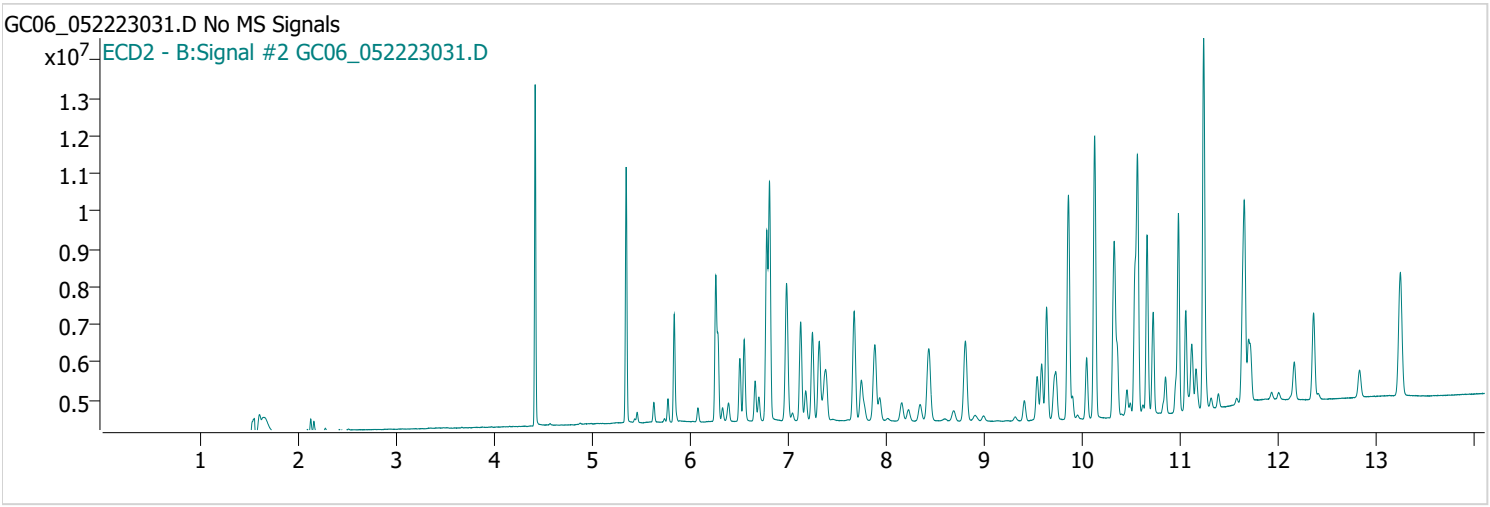
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	130.6306	13.25	0.00	59749651				



Quantitation Results Report (Not Reviewed)

Data File	GC06_052223031.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	5/22/2023 11:27:51 PM
Sample Name	ICV, S18189	Instrument	SVOA-GC06
Vial	21	Multiplier	1.00
DA Method File	PCB_608_052223_GC06_1.m	Comment	
Tune File	ATUNE.U	Tune Date	
Batch Name	052223PCBICAL.batch.bin	Last Calib Update	5/23/2023 1:46:10 PM
Ref Library			



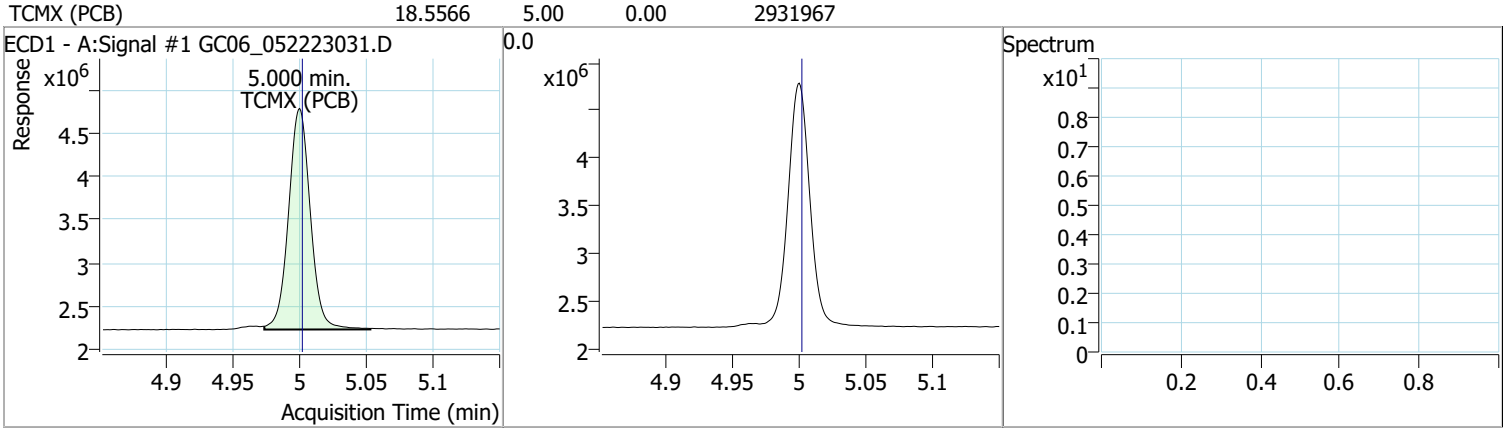


Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
Internal Standards						
M 1-bromo-2-nitrobenzene (PCB)	4.210	0.0	2965086.269	20.0000	ng/ml	0.000
M 1-bromo-2-nitrobenzene (PCB) #2	4.417	0.0	8144012.698	20.0000	ng/ml	-0.001
System Monitoring Compounds						
S TCMX (PCB)	5.000	0.0	2931967.143	18.5566	ng/ml	-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 92.78%		
S TCMX (PCB) #2	5.346	0.0	7455081.712	17.2571	ng/ml	-0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 86.29%		
S Decachlorobiphenyl (PCB)	12.017	0.0	3695856.362	18.6794	ng/ml	-0.004
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 93.40%		
S Decachlorobiphenyl (PCB) #2	13.249	0.0	8082909.832	18.7941	ng/ml	0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 93.97%		
Target Compounds						QValue

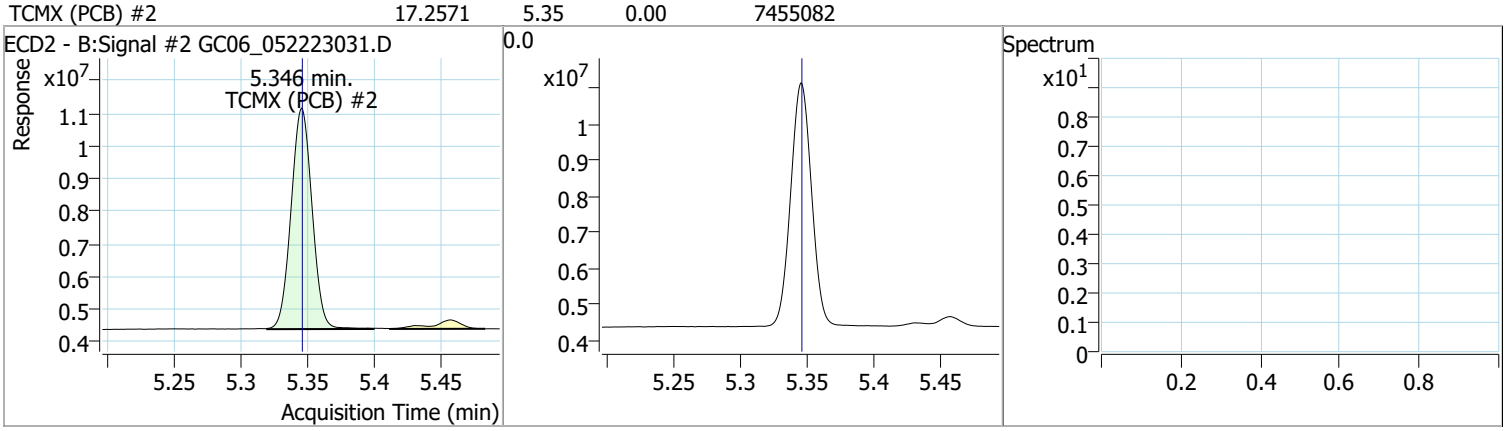
Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
T AR1016 1	5.365	0.0	1332421.400	402.8922	ng/ml	m	100
T AR1016 2	5.708	0.0	2964713.595	441.5635	ng/ml		100
T AR1016 1 #2	5.837	0.0	3640723.507	429.1921	ng/ml		100
T AR1016 3	6.170	0.0	3642631.285	424.4663	ng/ml	m	100
T AR1016 2 #2	6.261	0.0	7985254.365	419.0600	ng/ml		100
T AR1016 4	6.309	0.0	2299146.962	444.4953	ng/ml		100
T AR1016 5	6.503	0.0	1692917.796	427.9434	ng/ml		100
T AR1016 3 #2	6.808	0.0	9914511.352	432.4020	ng/ml		100
T AR1016 4 #2	6.983	0.0	7064071.261	428.0494	ng/ml		100
T AR1016 5 #2	7.248	0.0	3988594.700	453.0992	ng/ml		100
T AR1260 1	8.672	0.0	5089637.340	519.0721	ng/ml		100
T AR1260 2	9.155	0.0	7801118.049	521.1614	ng/ml		100
T AR1260 3	9.604	0.0	8028245.335	501.9373	ng/ml		100
T AR1260 1 #2	9.861	0.0	11176479.352	486.6178	ng/ml		100
T AR1260 4	10.095	0.0	3839797.738	440.6434	ng/ml		100
T AR1260 2 #2	10.128	0.0	13040618.884	503.5826	ng/ml		100
T AR1260 3 #2	10.564	0.0	16611472.426	501.2718	ng/ml		100
T AR1260 5	10.795	0.0	6181032.631	448.5989	ng/ml		100
T AR1260 4 #2	10.983	0.0	8587878.654	443.6775	ng/ml		100
T AR1260 5 #2	11.655	0.0	12526222.108	446.4757	ng/ml		100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

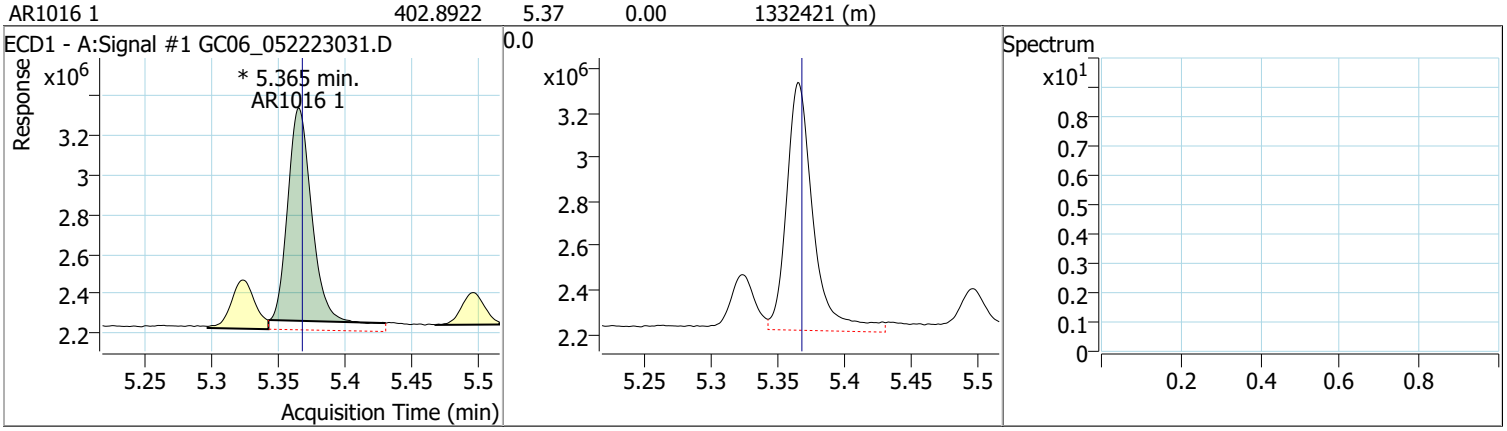
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	18.5566	5.00	0.00	2931967				



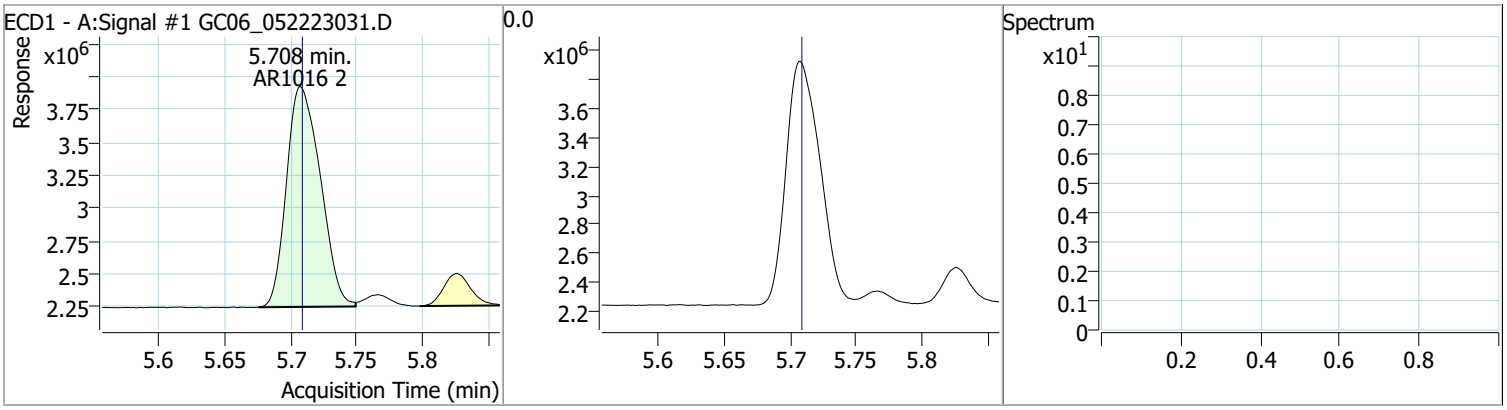
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB) #2	17.2571	5.35	0.00	7455082				



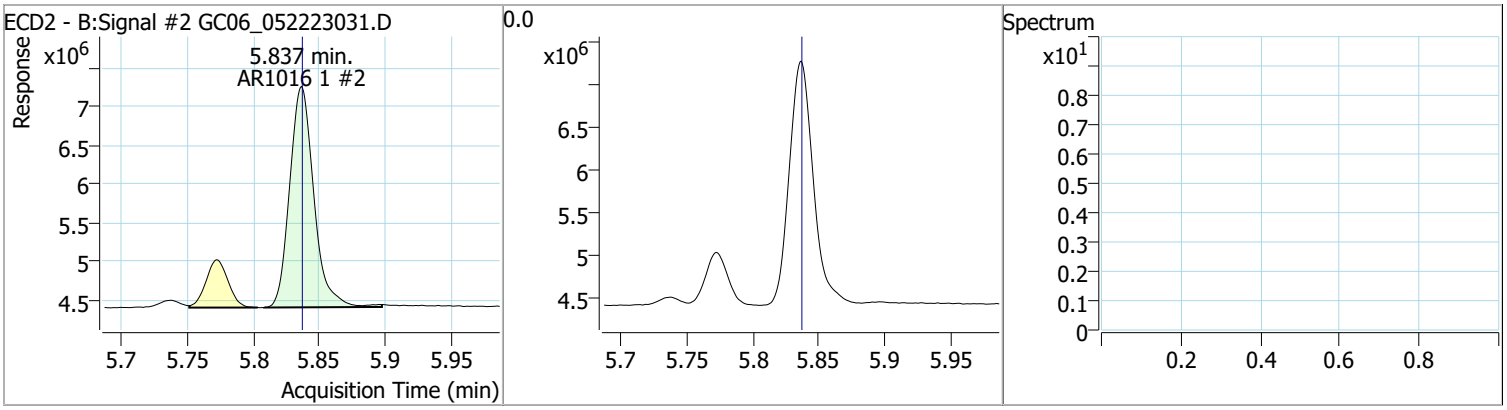
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	402.8922	5.37	0.00	1332421 (m)				



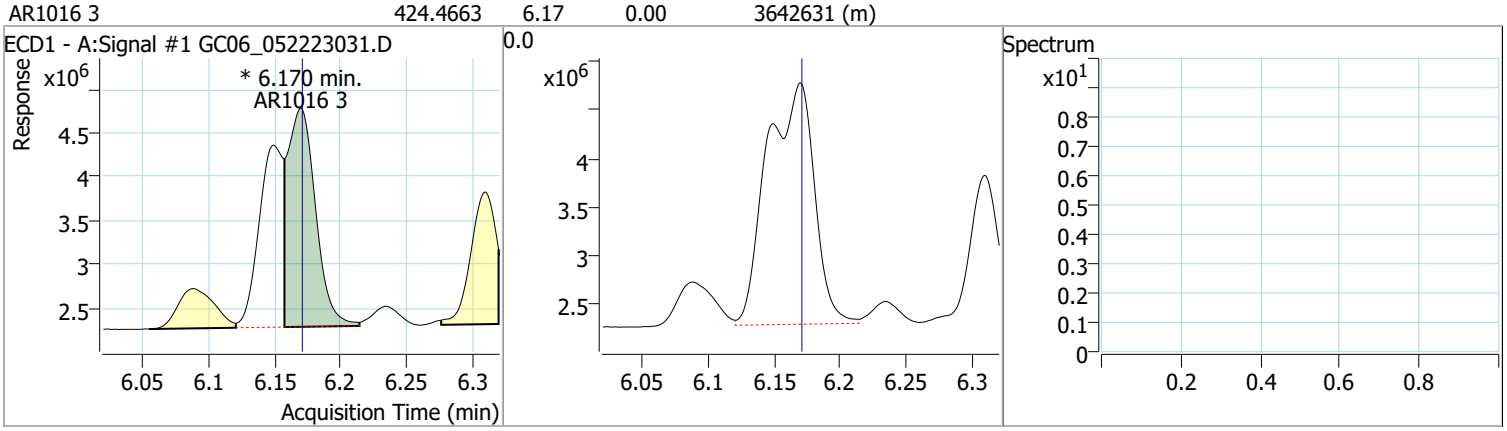
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	441.5635	5.71	0.00	2964714				



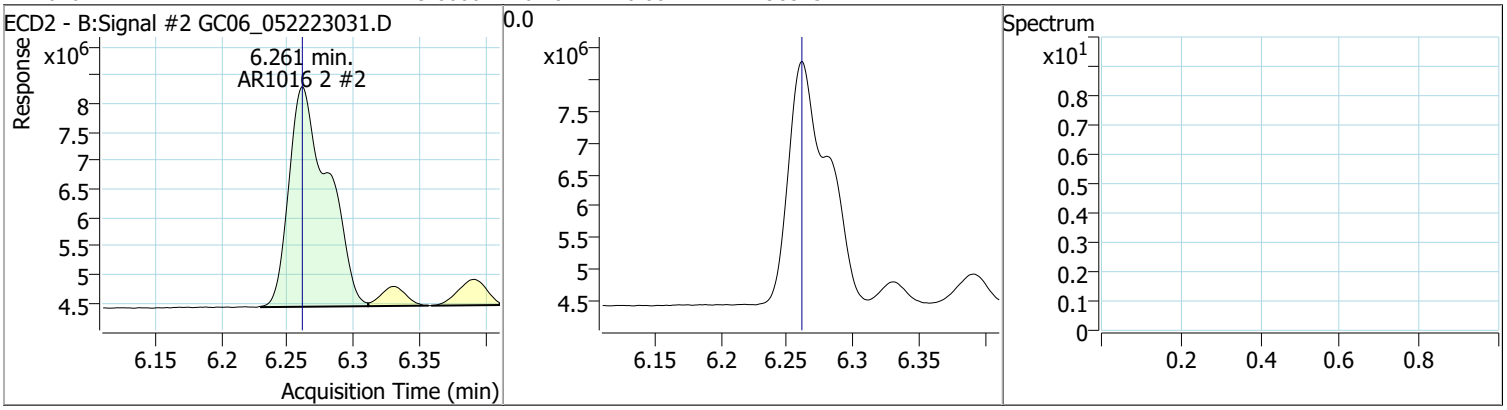
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1 #2	429.1921	5.84	0.00	3640724				



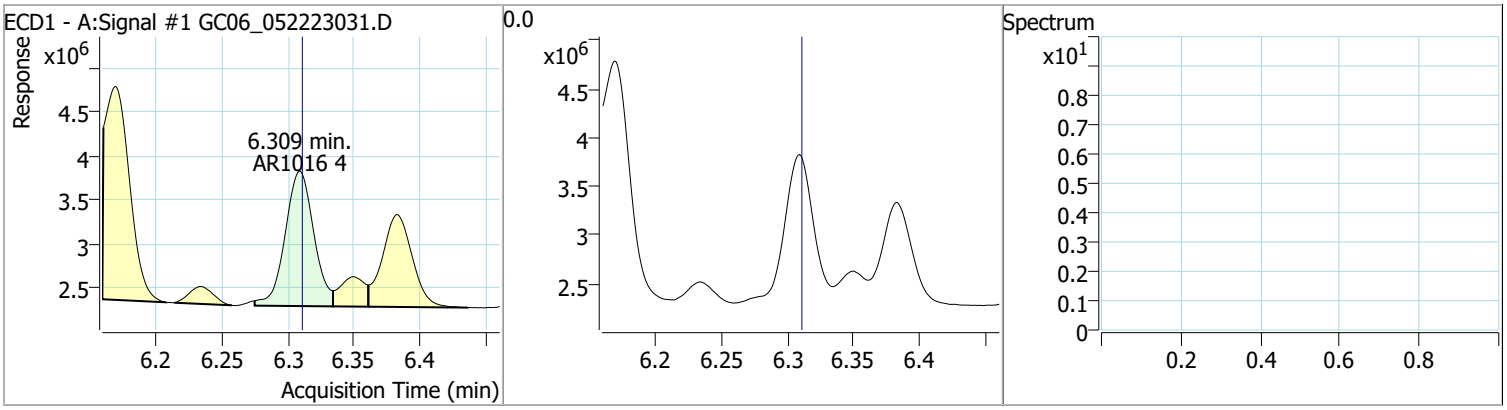
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	424.4663	6.17	0.00	3642631 (m)				



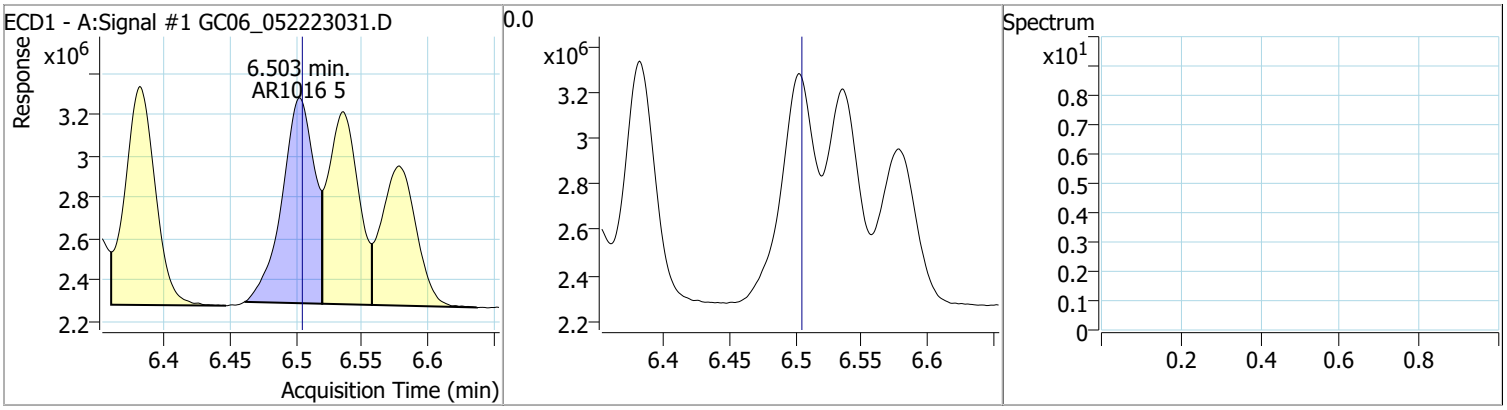
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	419.0600	6.26	0.00	7985254				



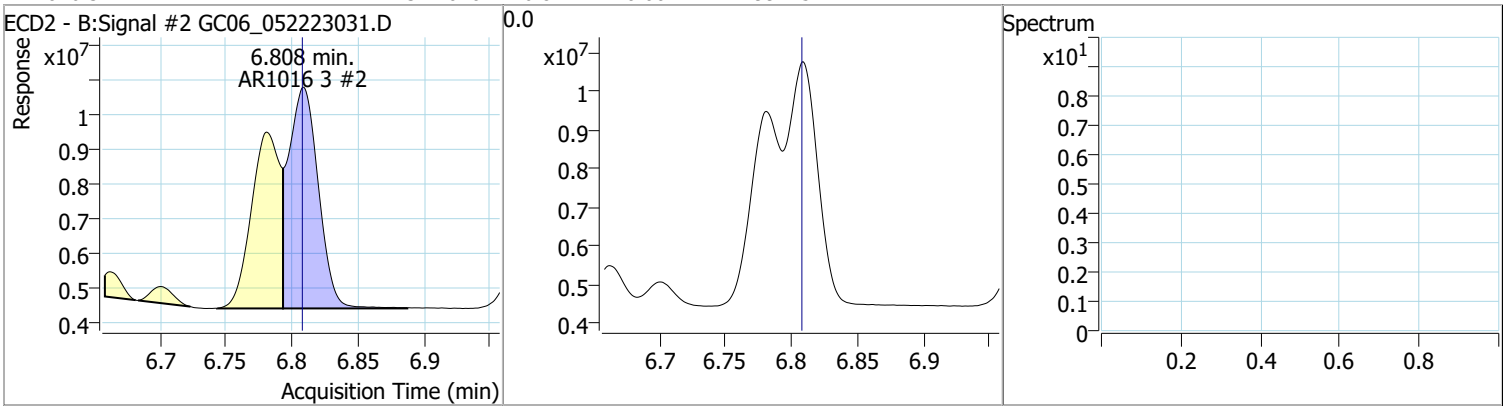
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4	444.4953	6.31	0.00	2299147				



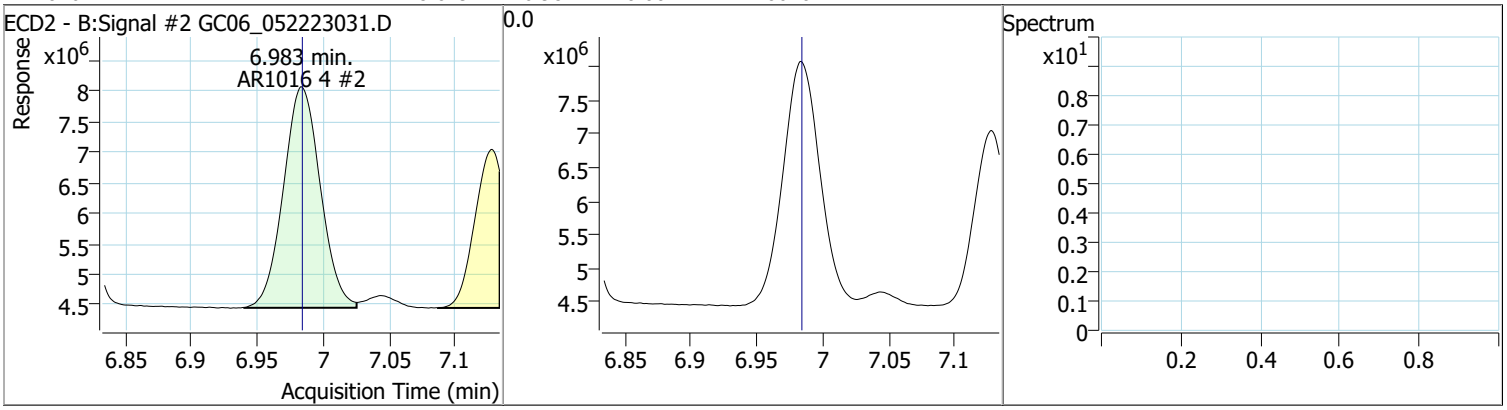
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	427.9434	6.50	0.00	1692918				



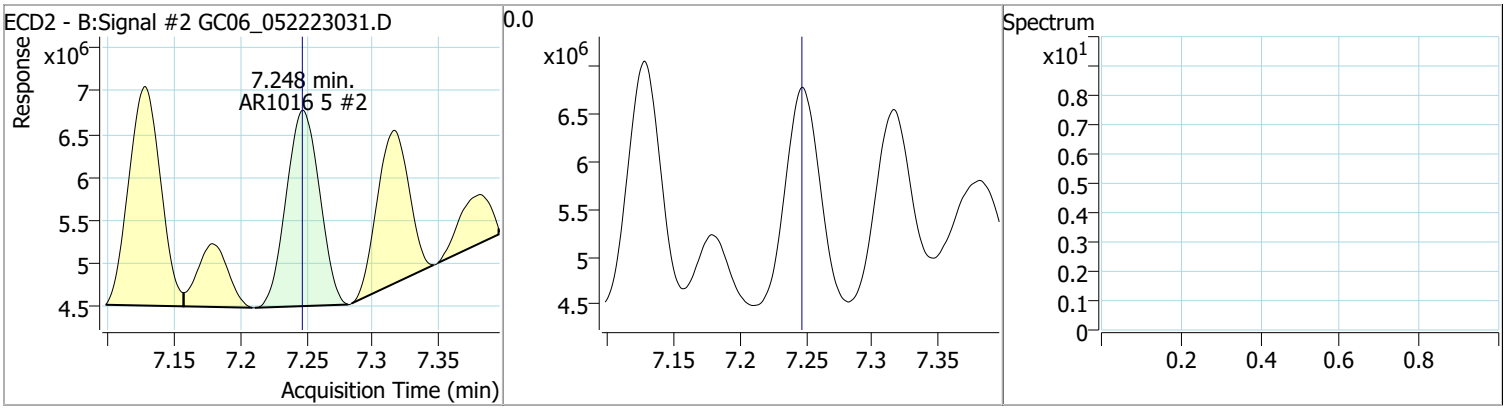
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	432.4020	6.81	0.00	9914511				



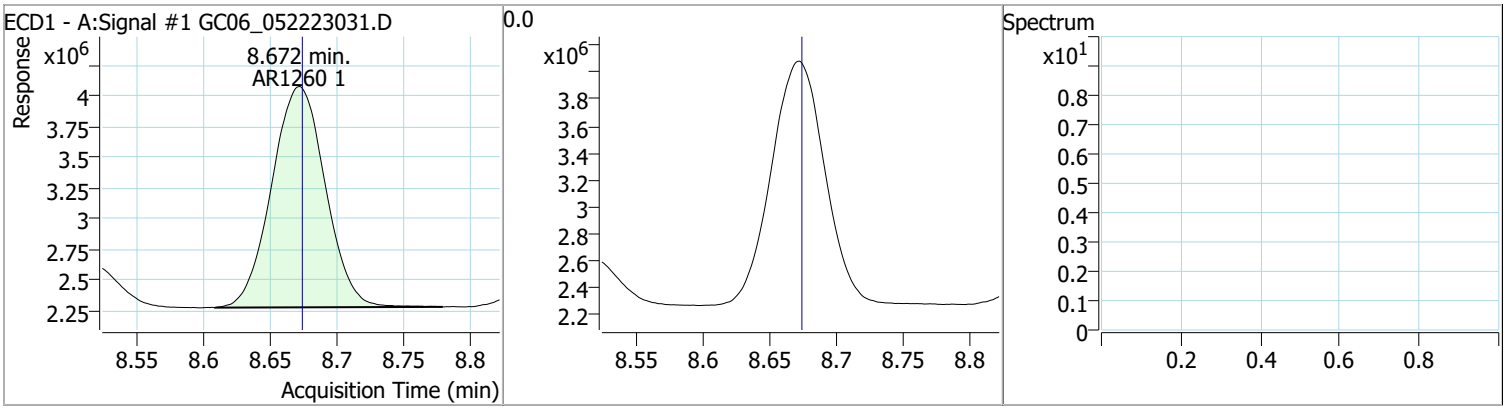
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4 #2	428.0494	6.98	0.00	7064071				



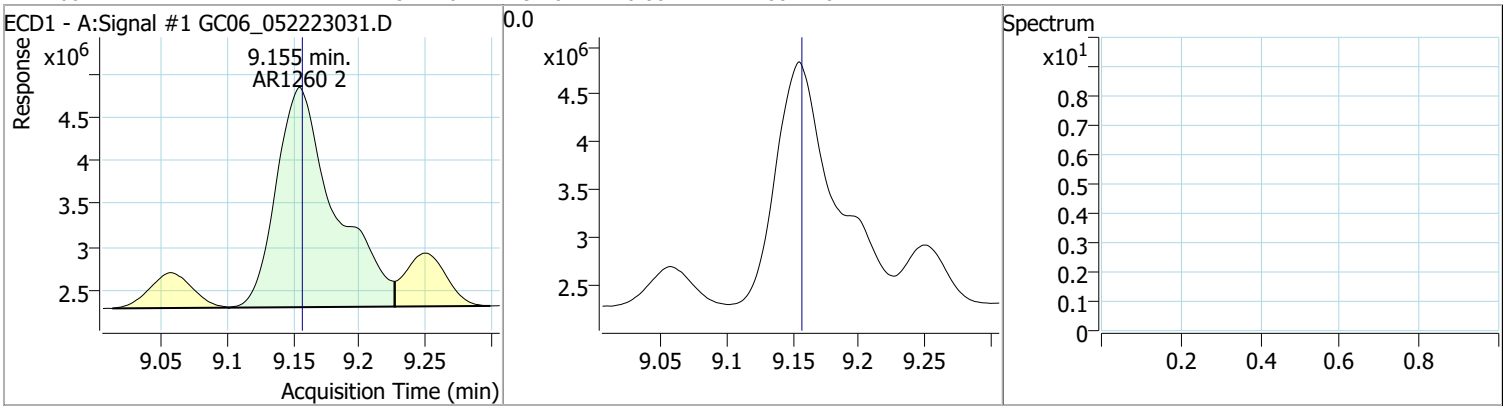
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	453.0992	7.25	0.00	3988595				



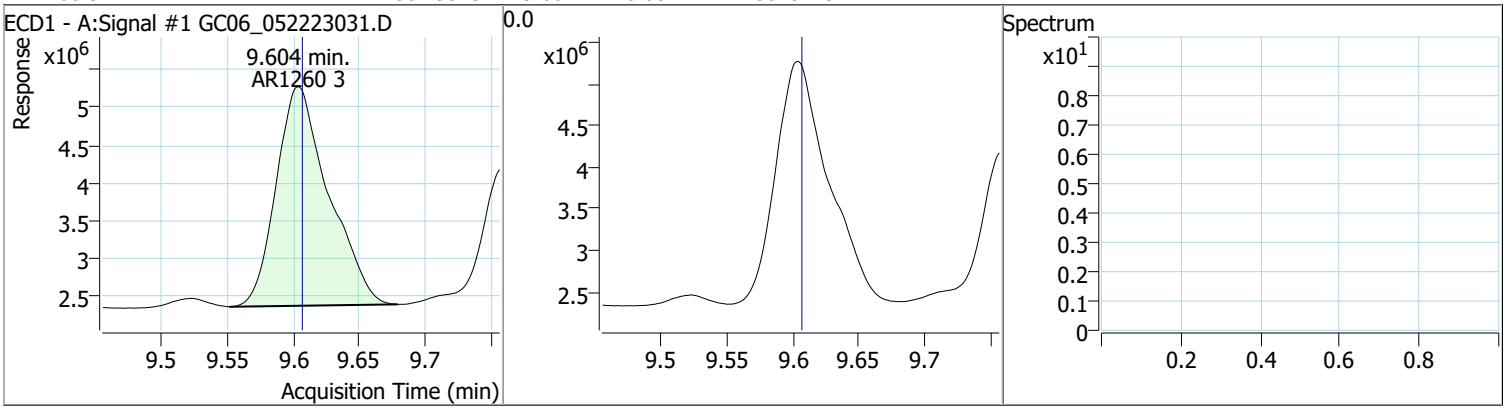
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	519.0721	8.67	0.00	5089637				



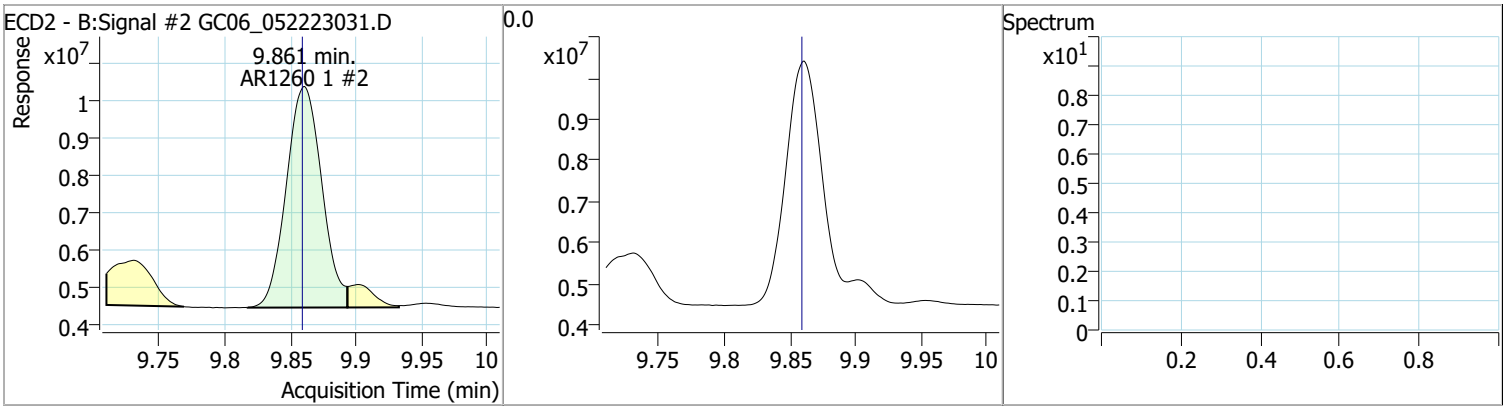
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	521.1614	9.16	0.00	7801118				



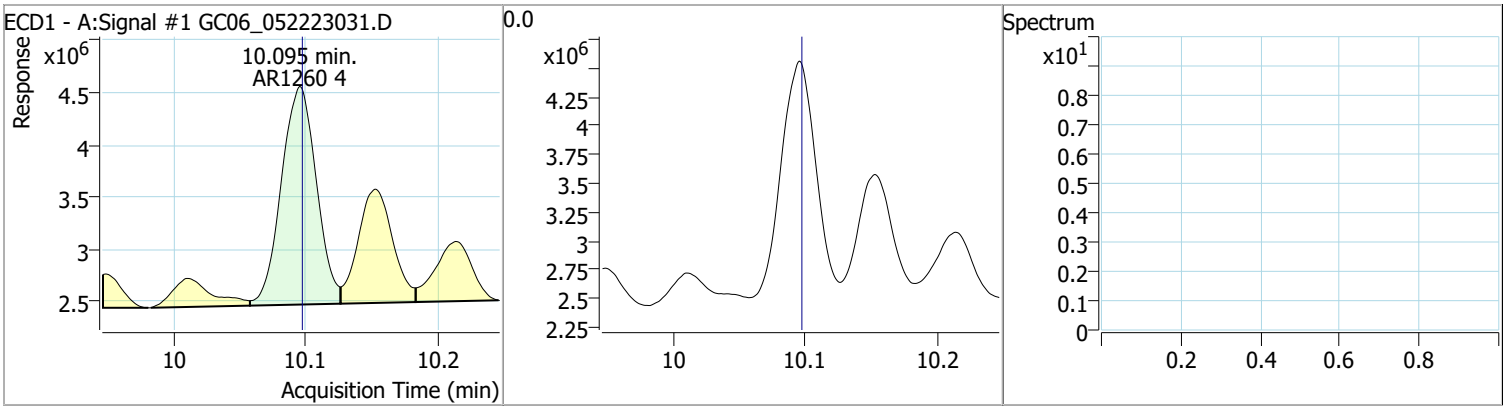
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3	501.9373	9.60	0.00	8028245				



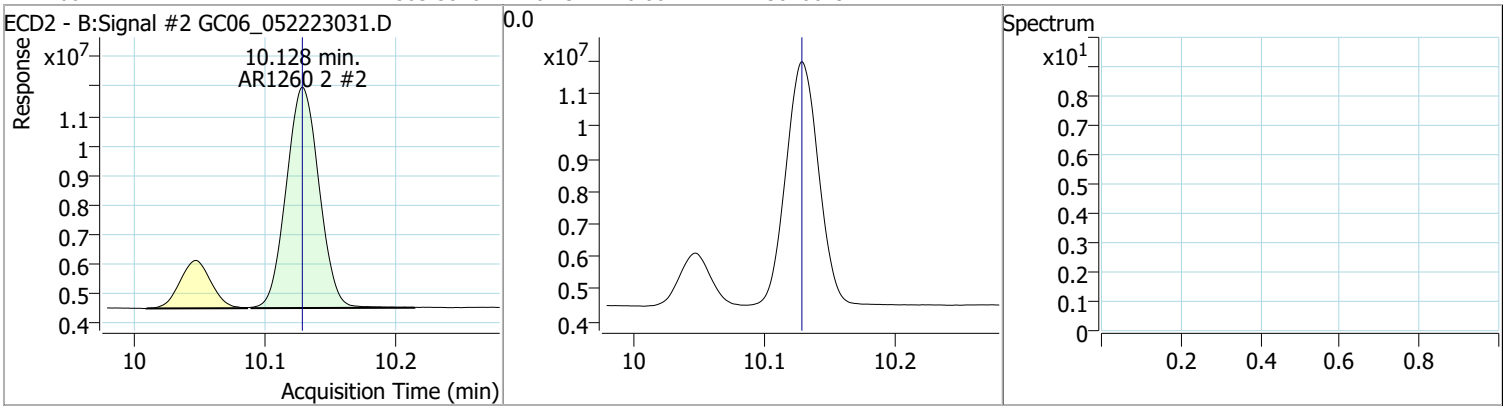
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1 #2	486.6178	9.86	0.00	11176479				



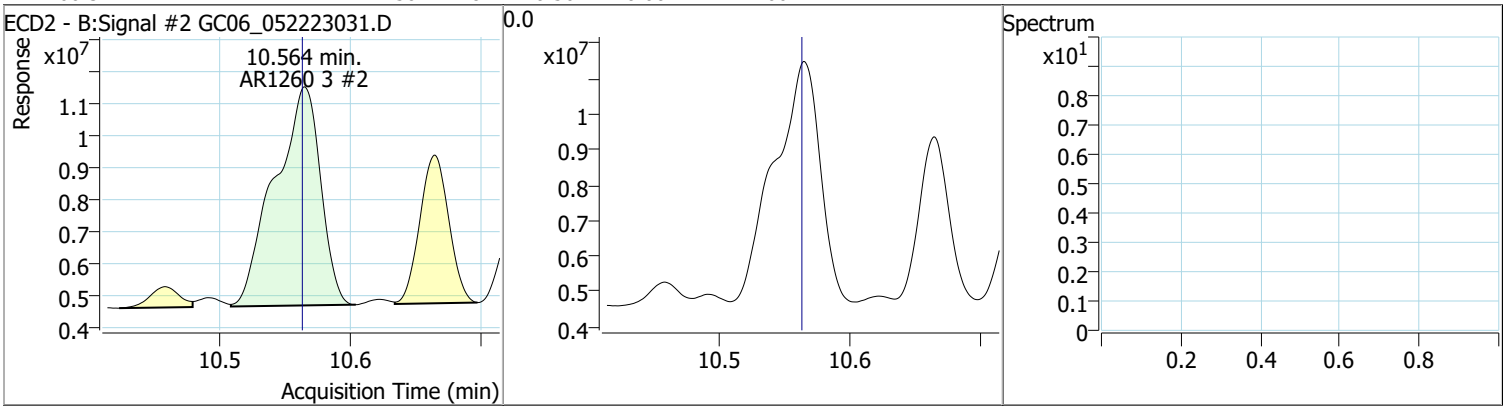
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4	440.6434	10.10	0.00	3839798				



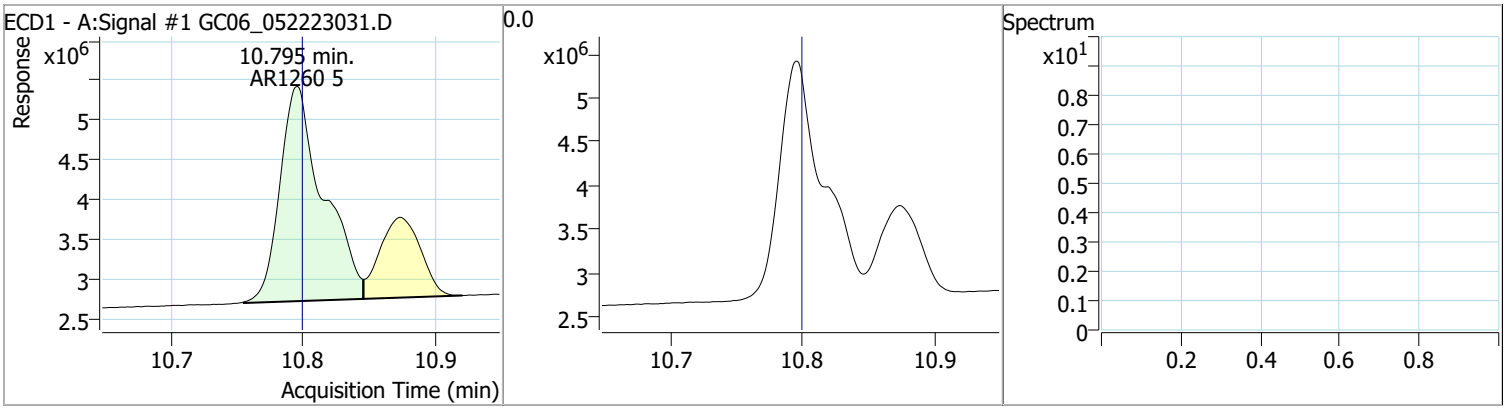
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	503.5826	10.13	0.00	13040619				



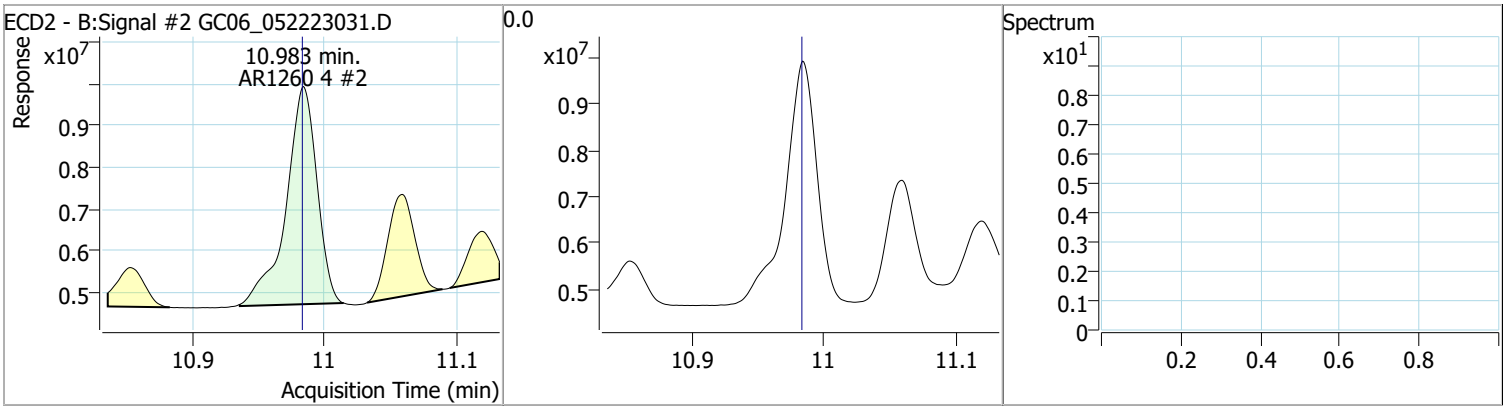
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3 #2	501.2718	10.56	0.00	16611472				



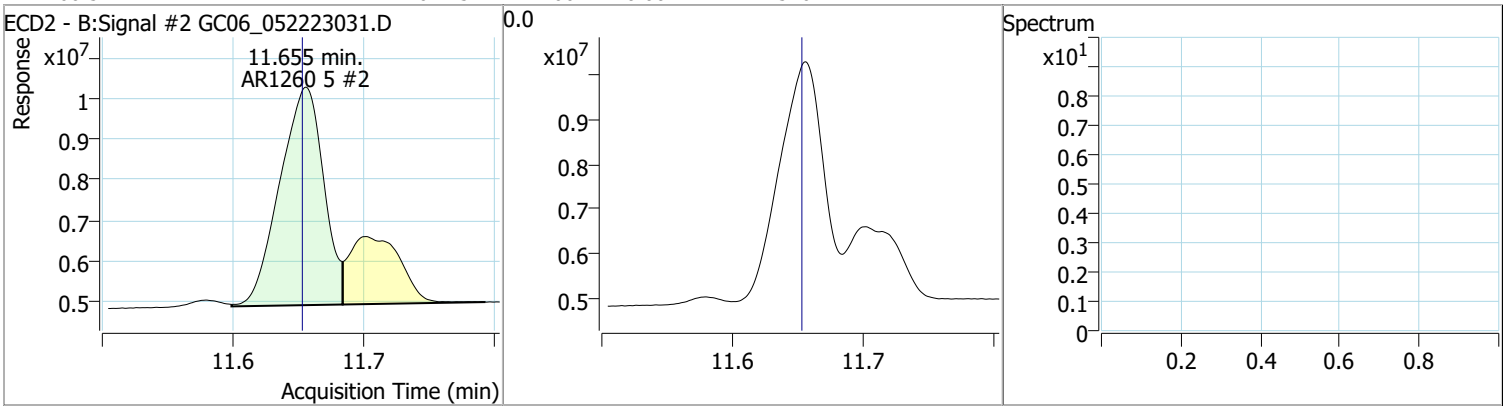
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	448.5989	10.80	0.00	6181033				



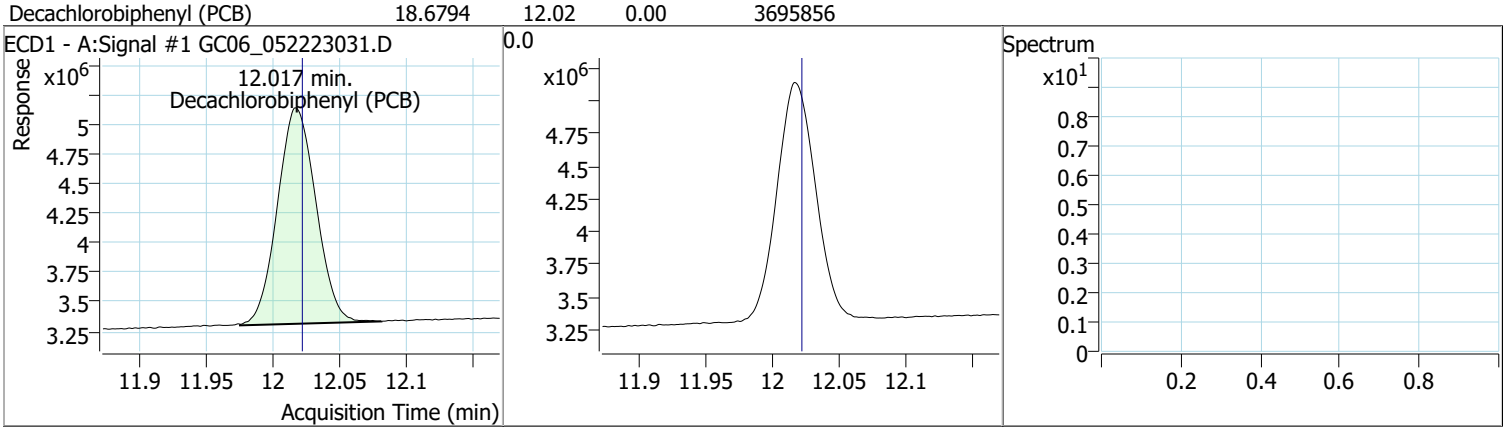
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	443.6775	10.98	0.00	8587879				



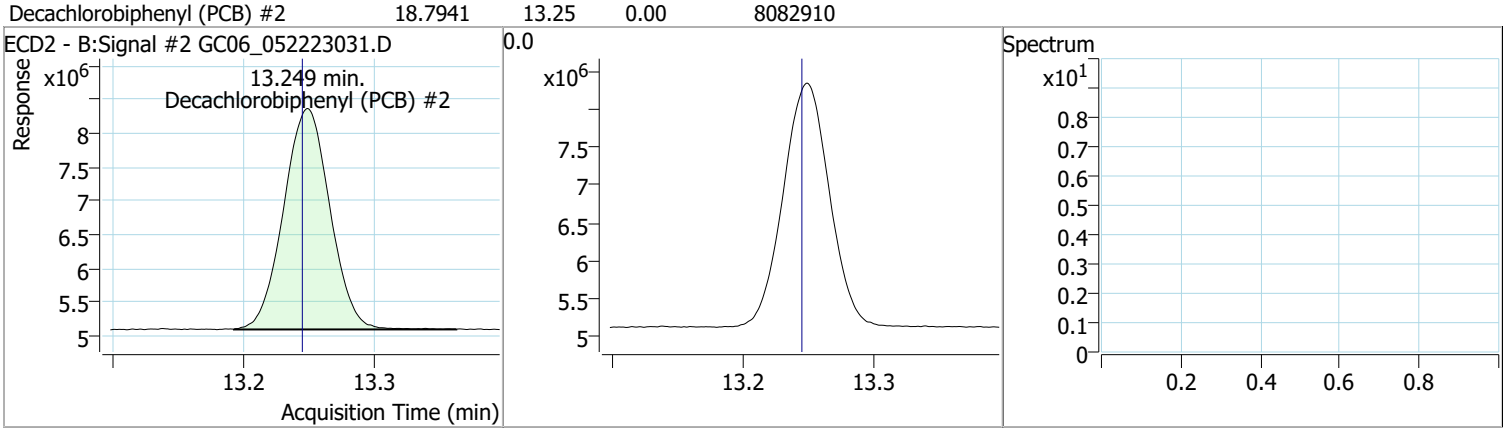
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	446.4757	11.66	0.00	12526222				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	18.6794	12.02	0.00	3695856				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	18.7941	13.25	0.00	8082910				



Continuing Calibration Verification Raw Data

ENTHALPY CONTINUING CALIBRATION FOR 489010 PCBS Wipe

EPA 8082

Inst:	SVOA-GC06			IDF:	1.0
Seqnum:	453297295006	File:	gc06_072523006	Time:	25-JUL-2023 12:30
Cal:	453205686001	Caldate:	22-MAY-2023		

Standards: S18732

Analyte	Ch	Avg RF/CF	RF/CF	Spiked	Quant	Units	%D	Max %D	Min RF	Flags
Aroclor-1016	A			500.0	445.9	ug/L	-11	15	0.0000	
Aroclor-1260	A			500.0	396.6	ug/L	**-21**	15	0.0000	**c-** ***
Decachlorobiphenyl (PCB)	A	1.3346	1.3405	40.00	40.18	ug/L	0	15	0.0000	
TCMX (PCB)	A	1.0658	0.8931	40.00	33.52	ug/L	**-16**	15	0.0000	c-
Aroclor-1016	B			500.0	427.1	ug/L	-15	15	0.0000	
Aroclor-1260	B			500.0	437.3	ug/L	-13	15	0.0000	
Decachlorobiphenyl (PCB)	B	1.0562	1.0302	40.00	39.01	ug/L	-2	15	0.0000	
TCMX (PCB)	B	1.0609	0.8503	40.00	32.06	ug/L	**-20**	15	0.0000	c-

ISTD (ICAL gc06_052223022)	Ch	ICAL Abund	Abund	%Drift
1-bromo-2-nitrobenzene (PCB)	B	7279227	8843280	21.49
1-bromo-2-nitrobenzene (PCB)	A	2781470	3794782	36.43

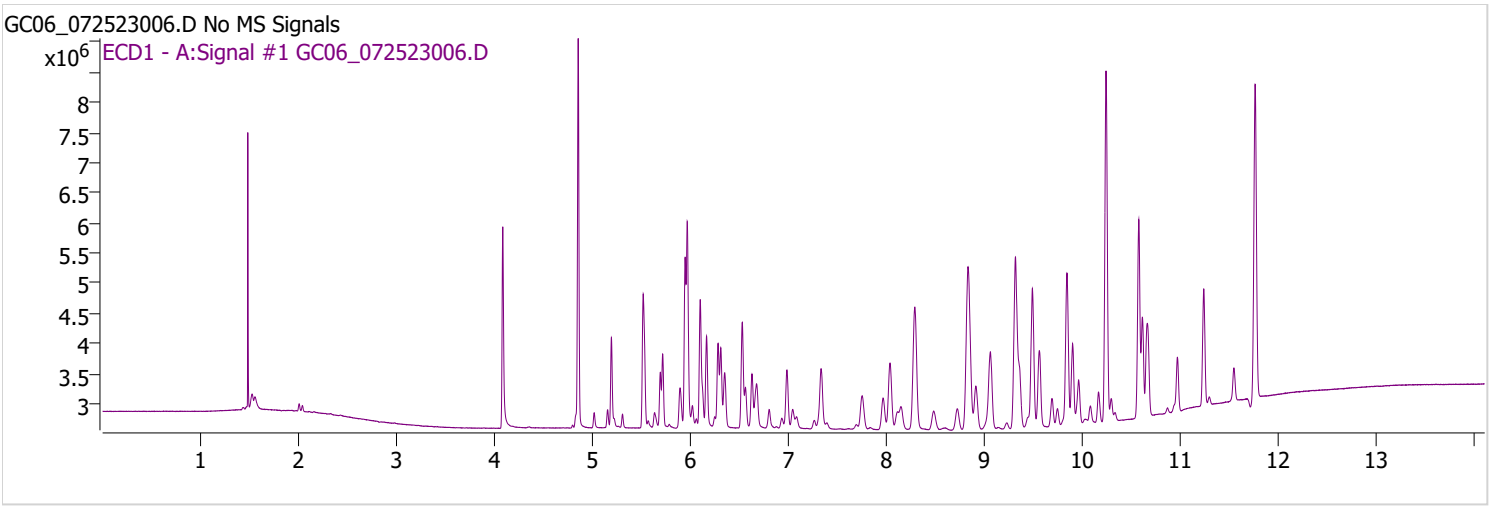
07/25/23 : 500 PPB PCB CCV

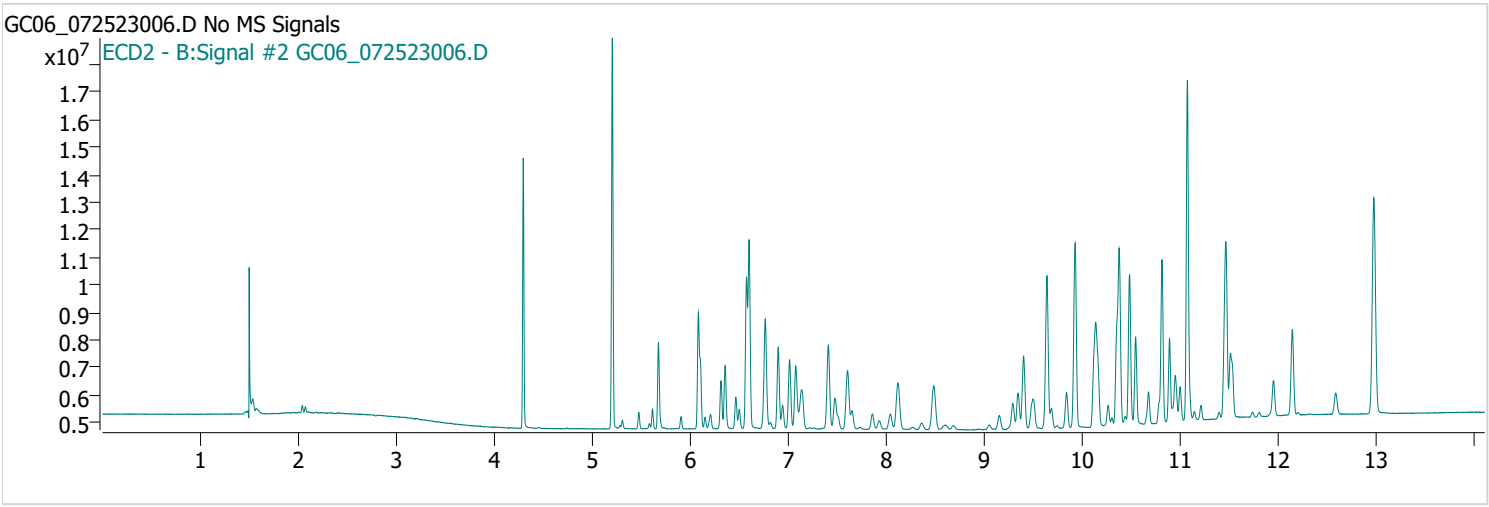
-=low bias c=CCV

Analyst: MES 07/26/23 **Reviewer:** MTS 07/27/23

Quantitation Results Report (Not Reviewed)

Data File	GC06_072523006.D	Operator	
Acq. Method	Acq_Pesticide_122221_2	Acq. Date-Time	7/25/2023 12:30:49 PM
Sample Name	CCV, S18732	Instrument	SVOA-GC06
Vial	144	Multiplier	1.00
DA Method File	PCB_608_052323_GC06_36.m	Comment	500 PPB PCB CCV
Tune File	ATUNE.U	Tune Date	
Batch Name	072523PCB.batch.bin	Last Calib Update	5/23/2023 1:46:10 PM
Ref Library			



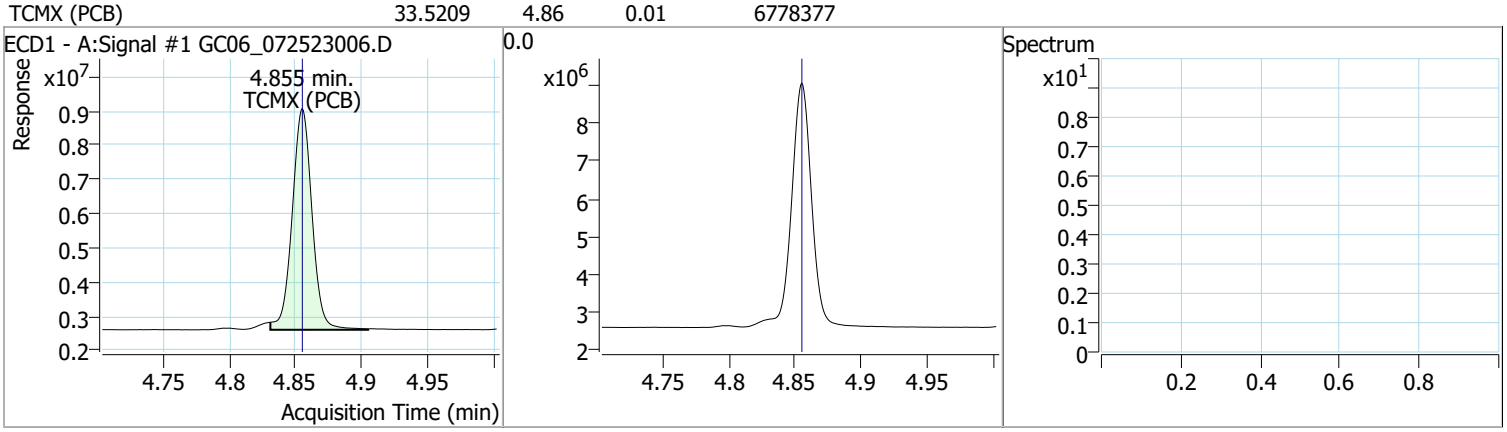


Compound	RT	QIon	Resp.	Conc.	Units		Dev(Min)
Internal Standards							
M 1-bromo-2-nitrobenzene (PCB)	4.085	0.0	3794781.925	20.0000	ng/ml		0.008
M 1-bromo-2-nitrobenzene (PCB) #2	4.294	0.0	8843280.207	20.0000	ng/ml		-0.001
System Monitoring Compounds							
S TCMX (PCB)	4.855	0.0	6778377.321	33.5209	ng/ml		0.011
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 167.60%		*	
S TCMX (PCB) #2	5.203	0.0	15039730.770	32.0612	ng/ml		0.001
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 160.31%		*	
S Decachlorobiphenyl (PCB)	11.763	0.0	10174052.640	40.1784	ng/ml		0.018
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 200.89%		*	
S Decachlorobiphenyl (PCB) #2	12.975	0.0	18220286.360	39.0153	ng/ml		0.008
Spiked Amount: 20.000	Range: 50.0 - 150.0%			Recovery = 195.08%		*	
Target Compounds							QValue

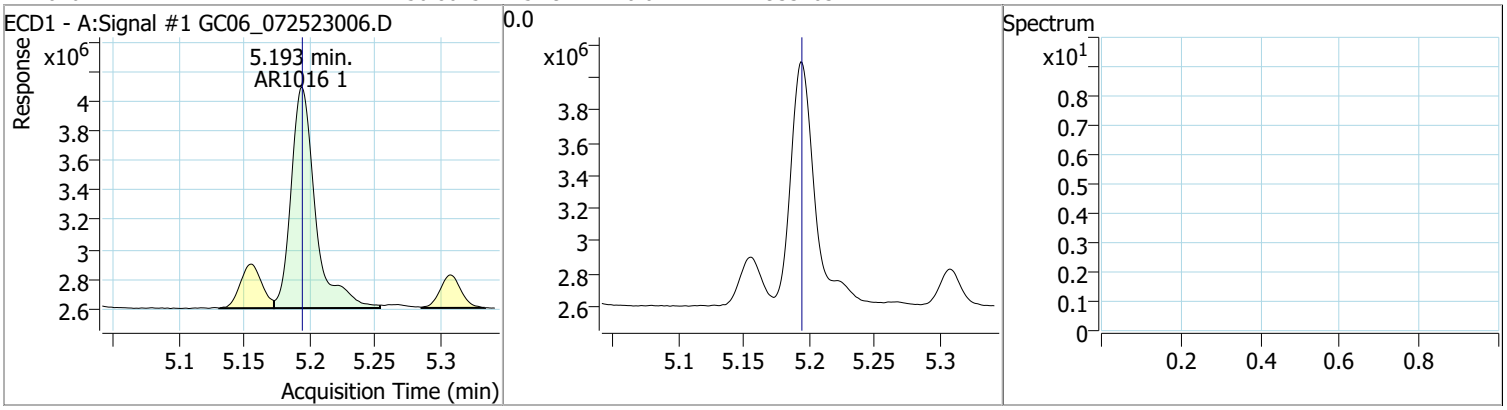
Compound	RT	QIon	Resp.	Conc.	Units	Dev(Min)
T AR1016 1	5.193	0.0	1933702.516	456.8645	ng/ml	100
T AR1016 2	5.518	0.0	3746652.769	436.0179	ng/ml	100
T AR1016 1 #2	5.674	0.0	3988169.948	432.9750	ng/ml	100
T AR1016 3	5.968	0.0	4820074.602	438.8663	ng/ml	100
T AR1016 2 #2	6.082	0.0	8147901.111	393.7842	ng/ml	100
T AR1016 4	6.101	0.0	3414392.888	515.7800	ng/ml	100
T AR1016 5	6.283	0.0	1934832.390	382.1592	ng/ml	100
T AR1016 3 #2	6.598	0.0	10301193.801	413.7414	ng/ml	100
T AR1016 4 #2	6.764	0.0	7369693.565	411.2570	ng/ml	100
T AR1016 5 #2	6.897	0.0	4623003.168	483.6405	ng/ml	100
T AR1260 1	8.290	0.0	5298811.666	422.2502	ng/ml	100
T AR1260 2	8.833	0.0	7881504.115	411.4102	ng/ml	100
T AR1260 3	9.318	0.0	8346882.276	407.7591	ng/ml	100
T AR1260 1 #2	9.639	0.0	10463100.562	419.5353	ng/ml	100
T AR1260 4	9.843	0.0	4819024.503	432.1043	ng/ml	100
T AR1260 2 #2	9.928	0.0	12481871.693	443.8919	ng/ml	100
T AR1260 3 #2	10.375	0.0	15732215.805	437.2000	ng/ml	100
T AR1260 5	10.577	0.0	5459967.080	309.6262	ng/ml	100
T AR1260 4 #2	10.813	0.0	9186820.696	437.0909	ng/ml	100
T AR1260 5 #2	11.464	0.0	13674675.014	448.8692	ng/ml	100

(#) = Qualifier Out of Range; (m) = Manual Integration; (+) = Area Summed; (*) = Surrogate Percent Recovery Out of Range; (d): Zeroed Peak

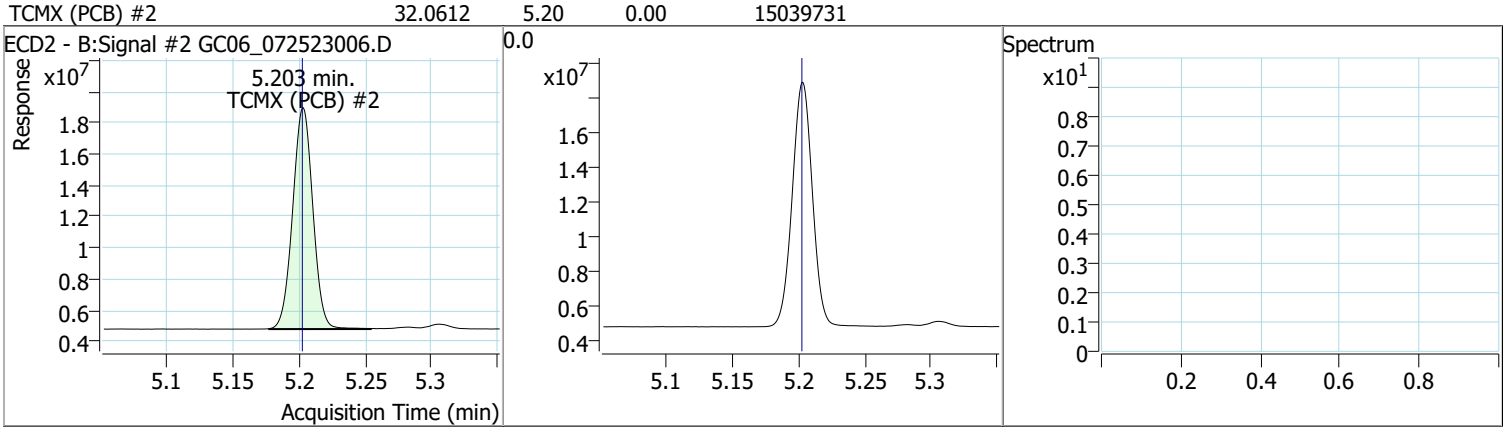
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB)	33.5209	4.86	0.01	6778377				



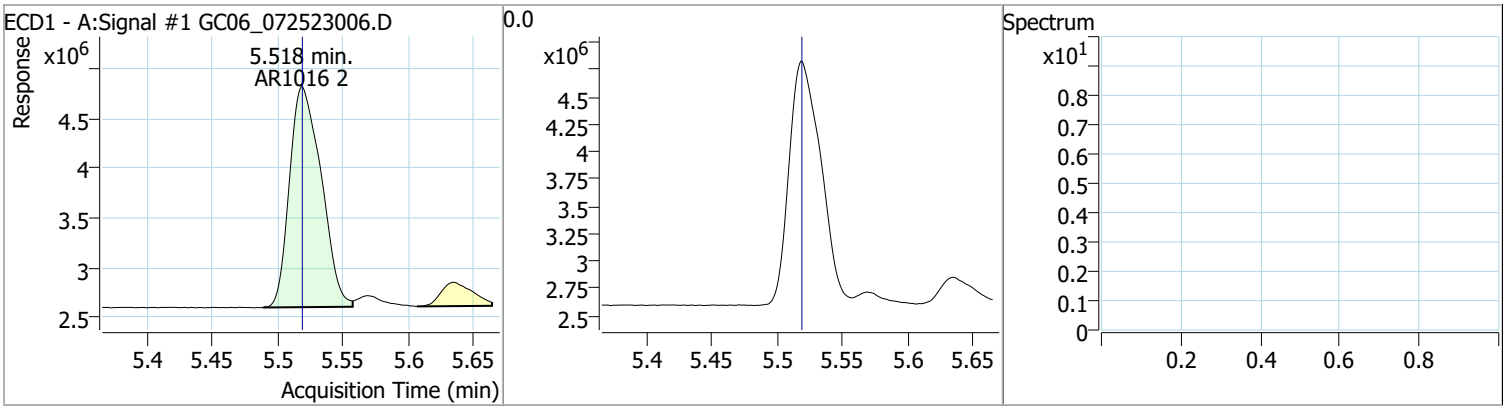
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1	456.8645	5.19	0.01	1933703				



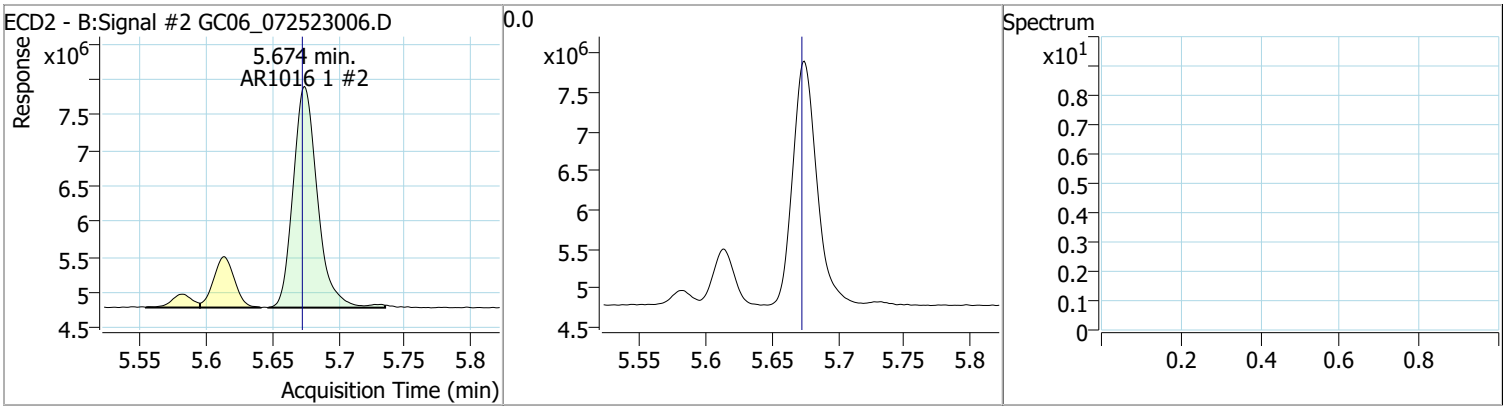
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
TCMX (PCB) #2	32.0612	5.20	0.00	15039731				



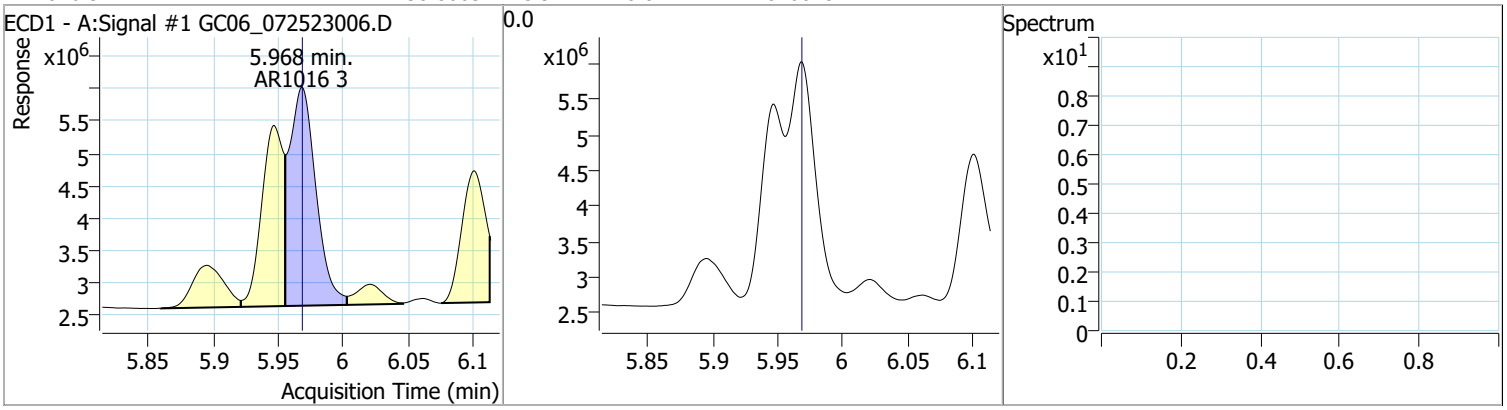
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2	436.0179	5.52	0.01	3746653				



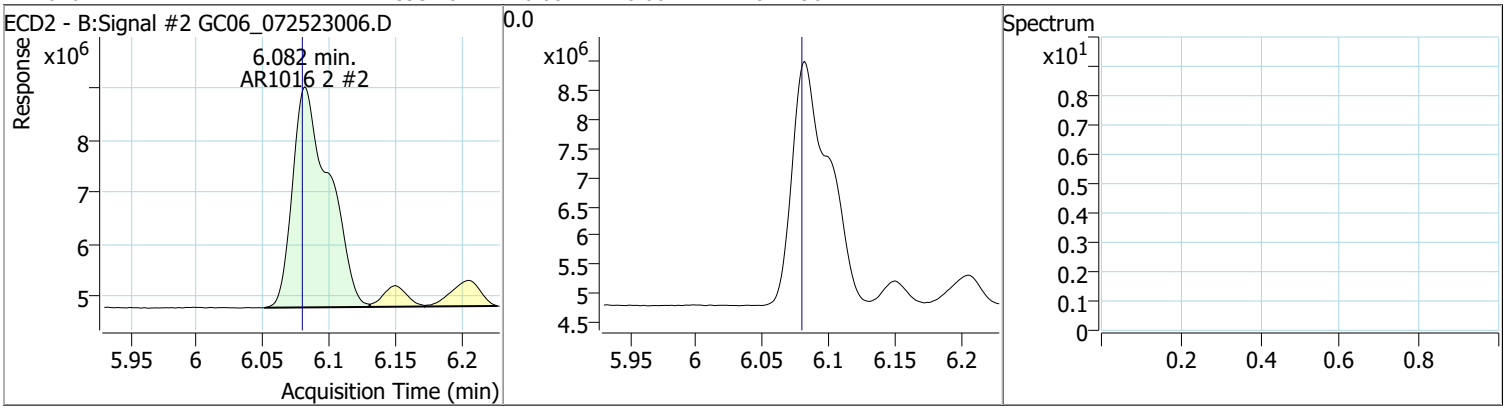
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 1 #2	432.9750	5.67	0.00	3988170				



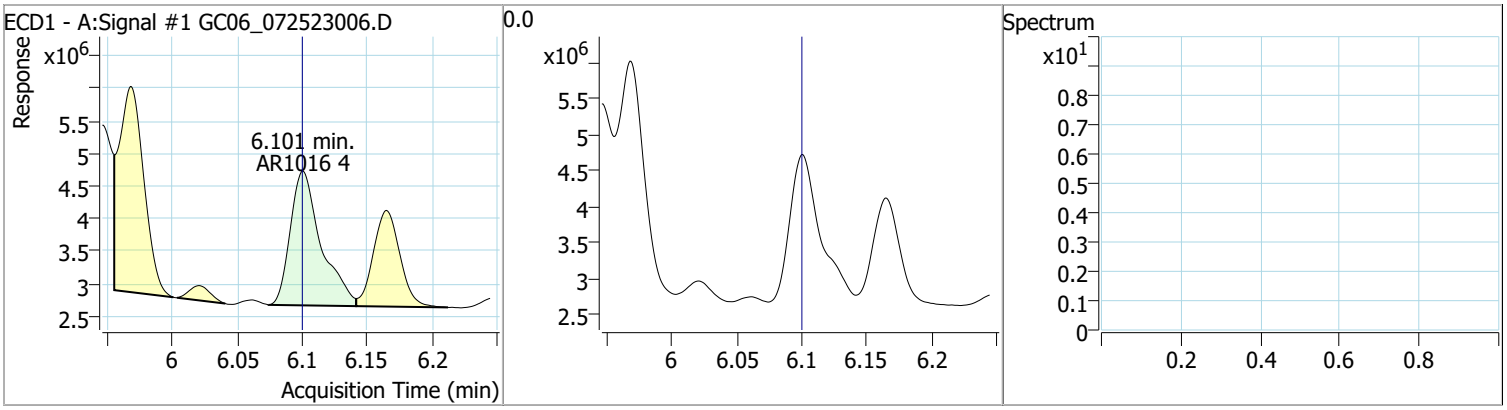
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3	438.8663	5.97	0.01	4820075				



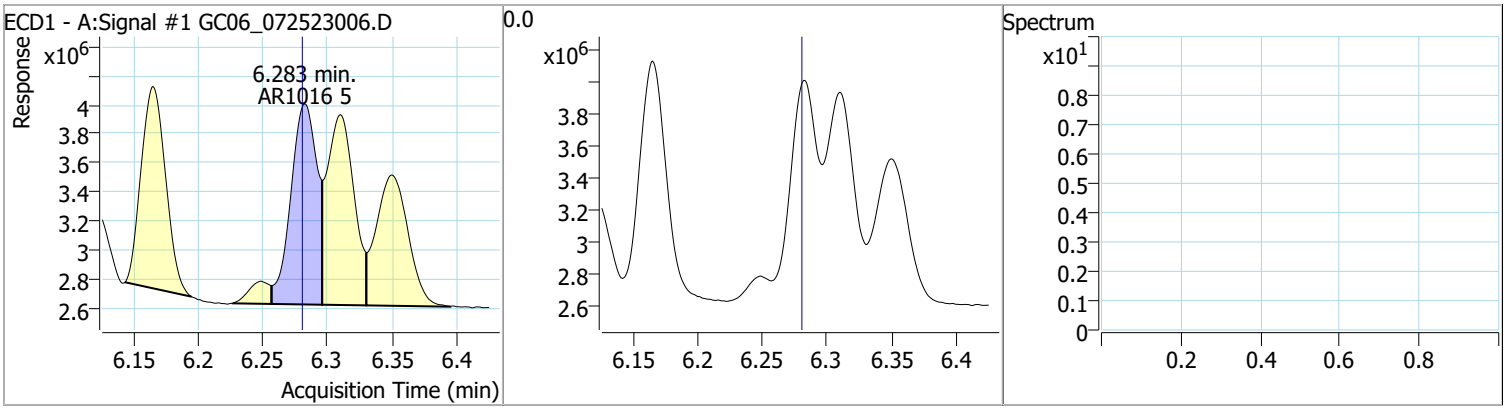
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 2 #2	393.7842	6.08	0.00	8147901				



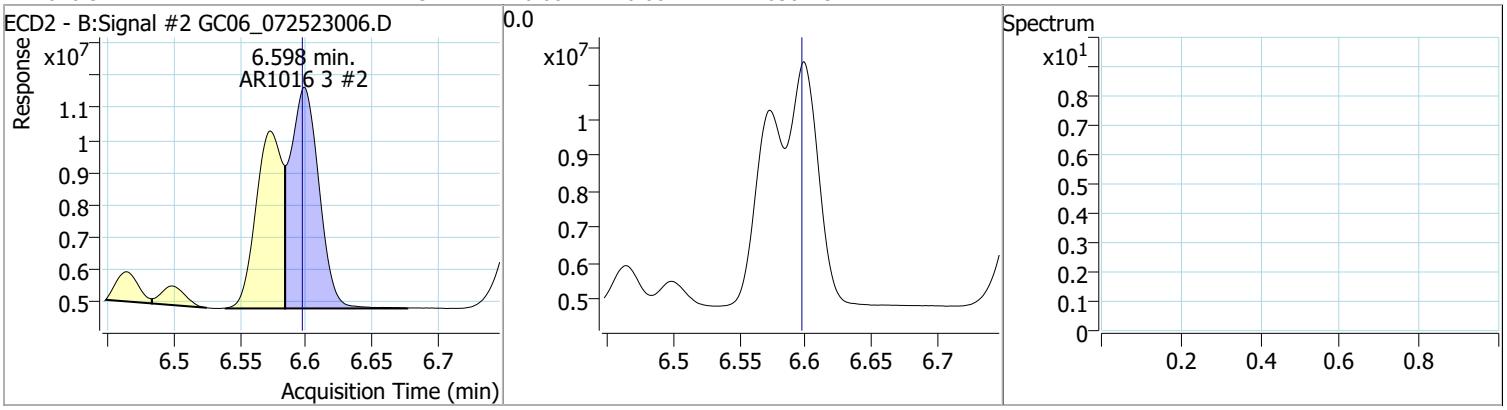
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4	515.7800	6.10	0.01	3414393				



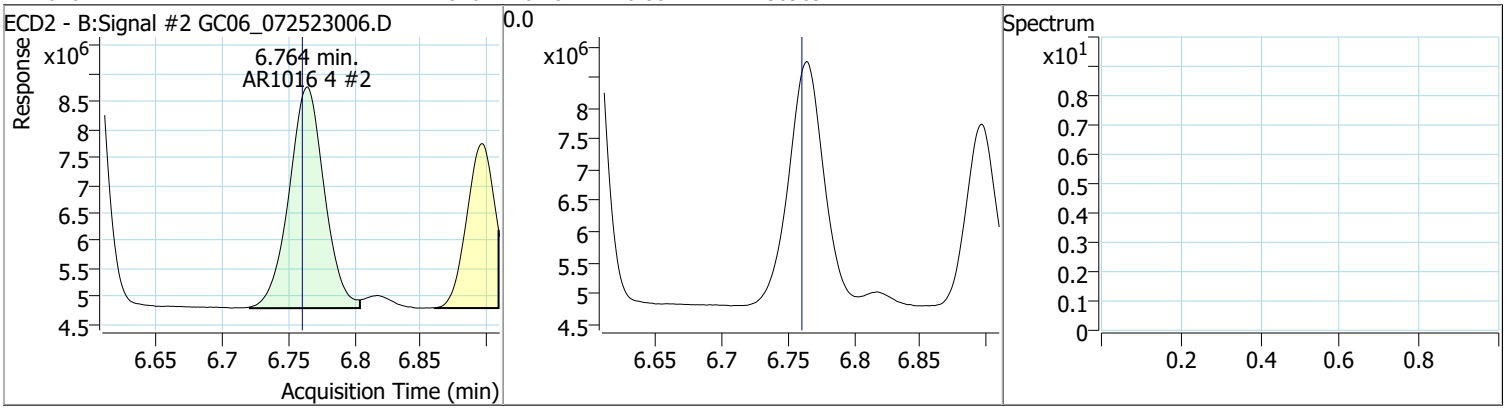
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5	382.1592	6.28	0.02	1934832				



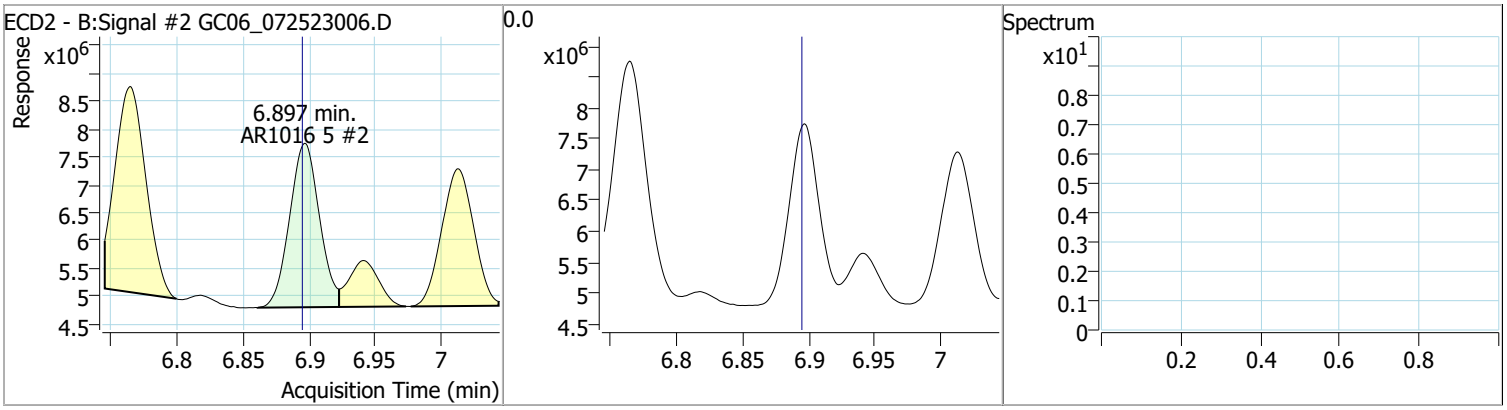
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 3 #2	413.7414	6.60	0.00	10301194				



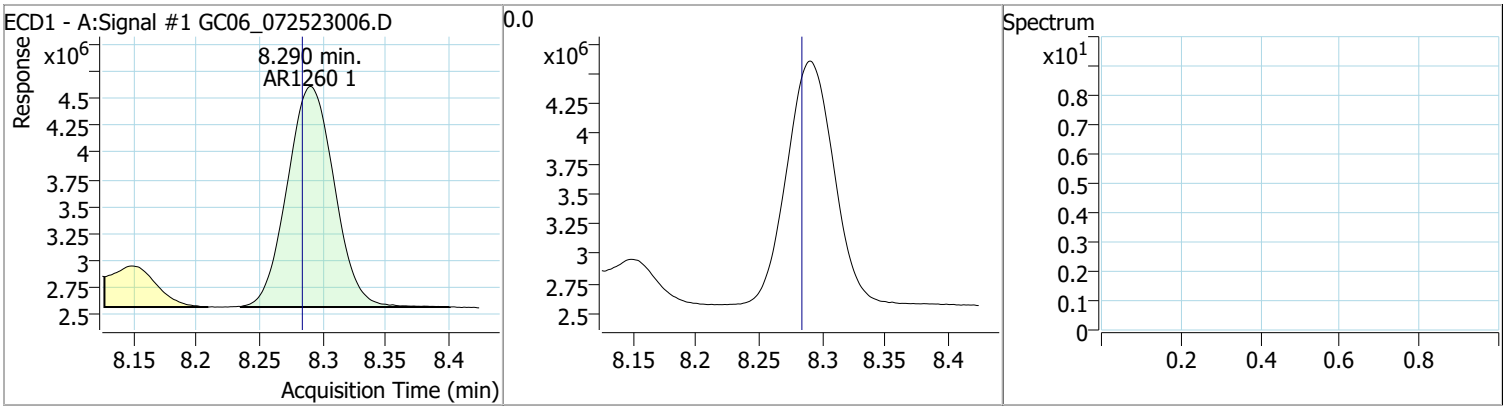
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 4 #2	411.2570	6.76	0.00	7369694				



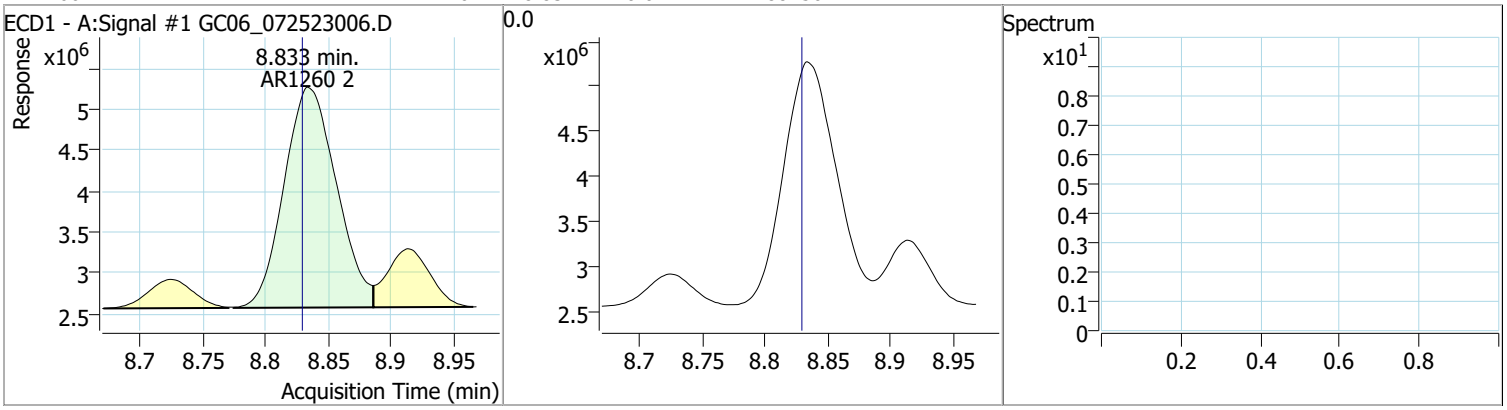
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1016 5 #2	483.6405	6.90	0.00	4623003				



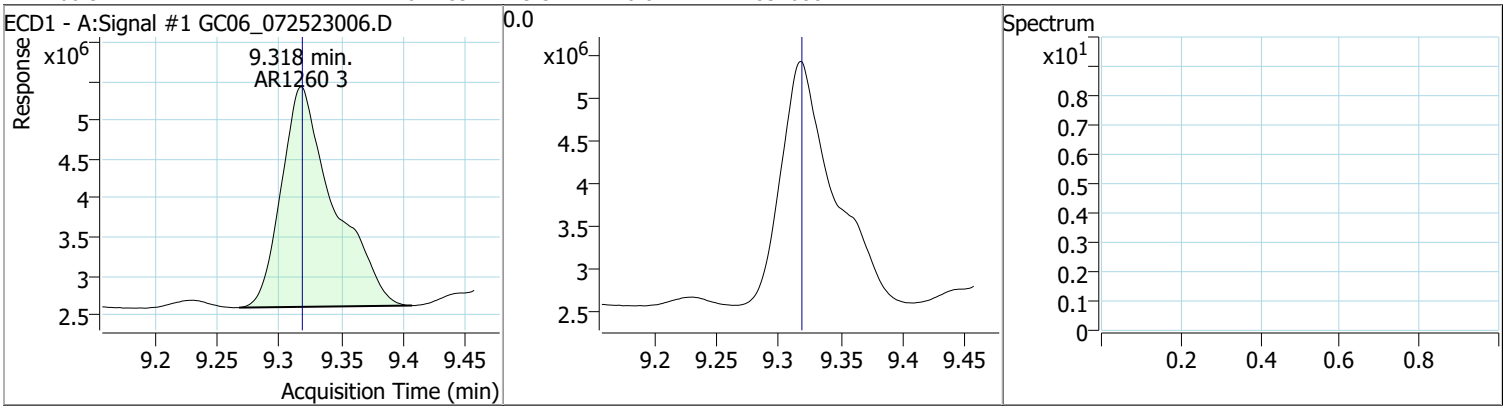
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1	422.2502	8.29	0.02	5298812				



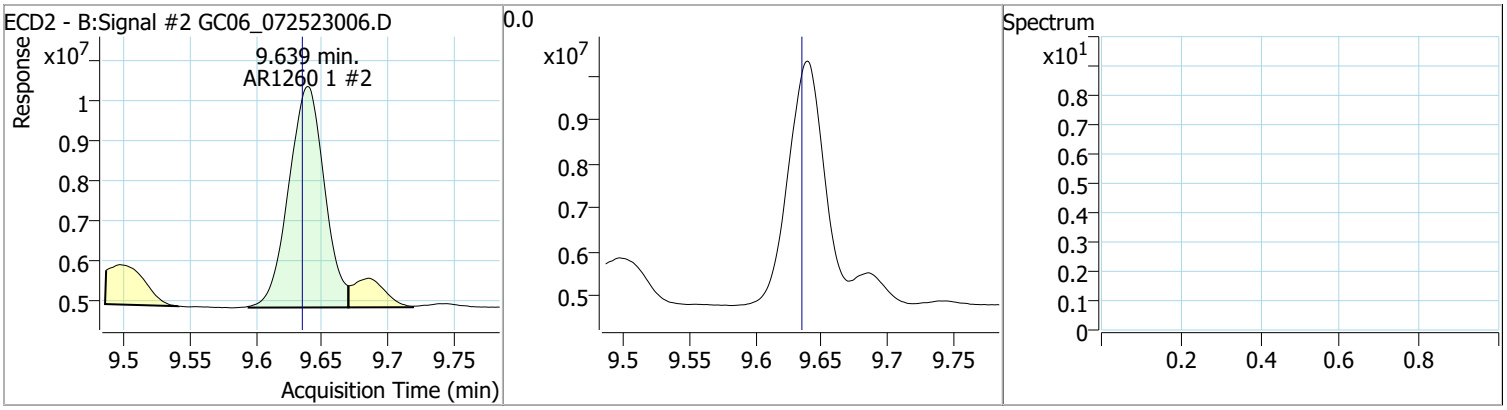
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2	411.4102	8.83	0.02	7881504				



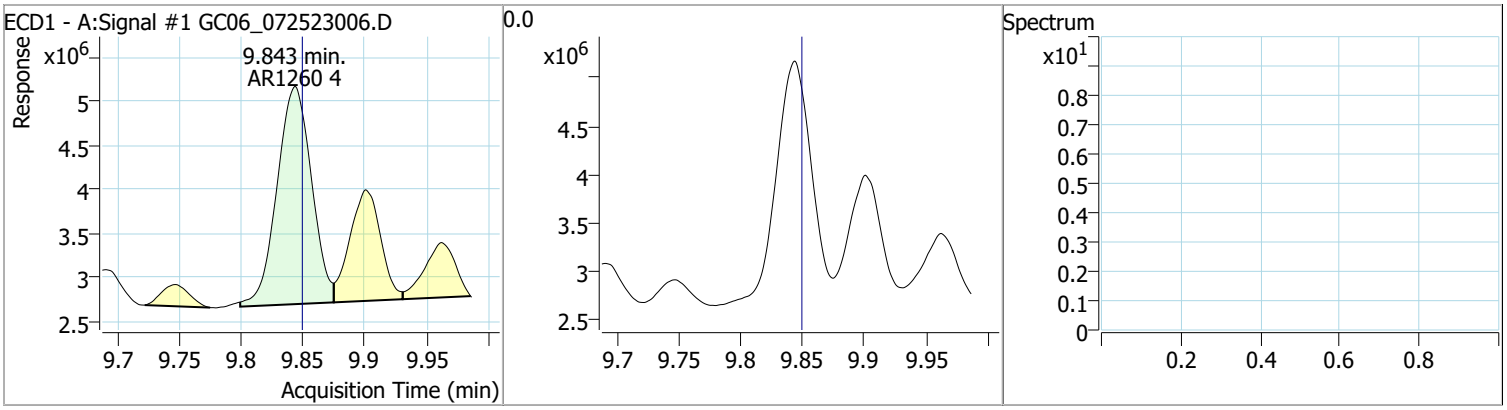
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3	407.7591	9.32	0.02	8346882				



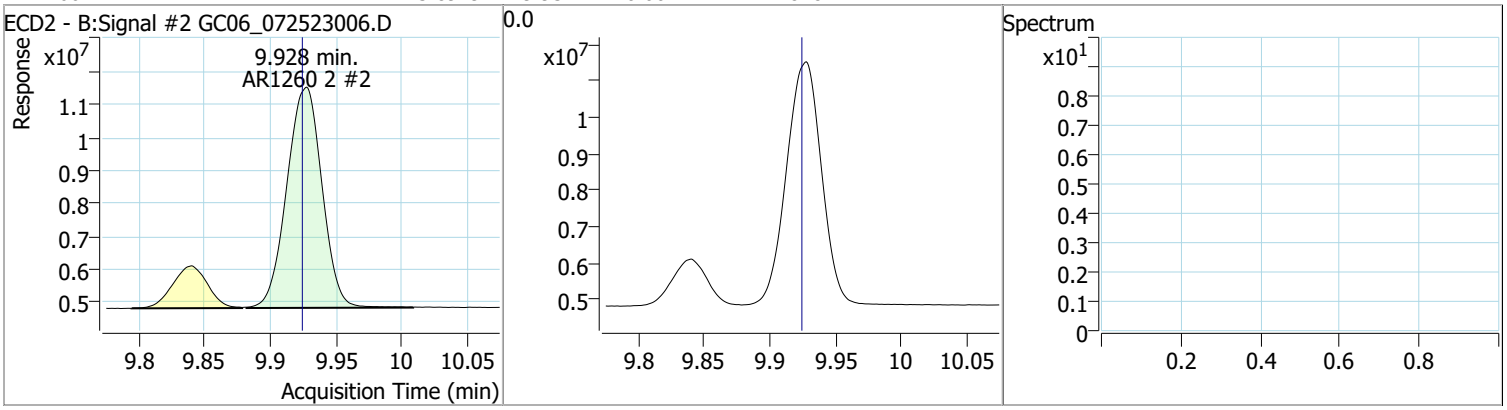
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 1 #2	419.5353	9.64	0.00	10463101				



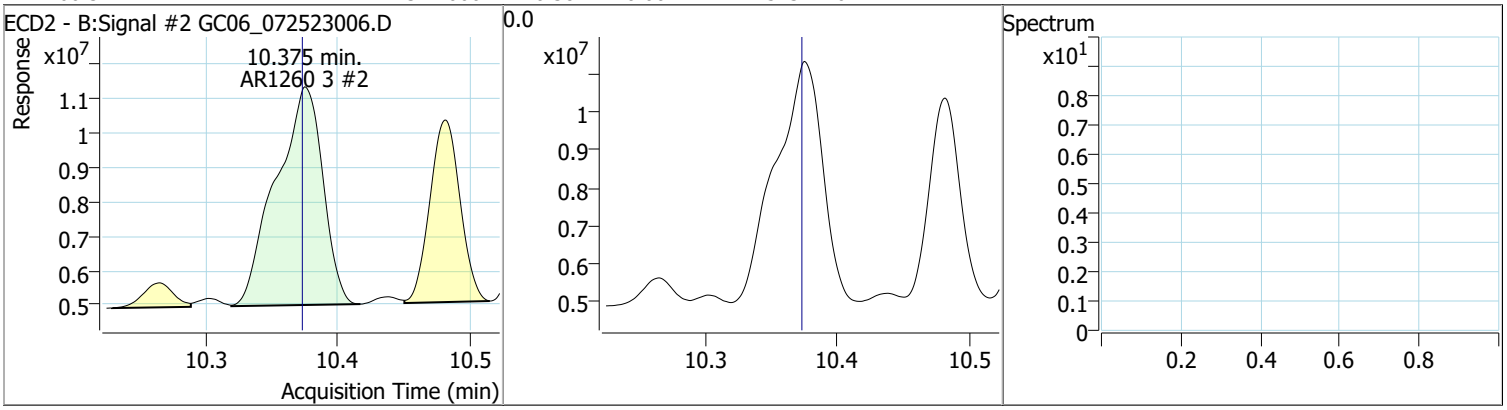
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4	432.1043	9.84	0.02	4819025				



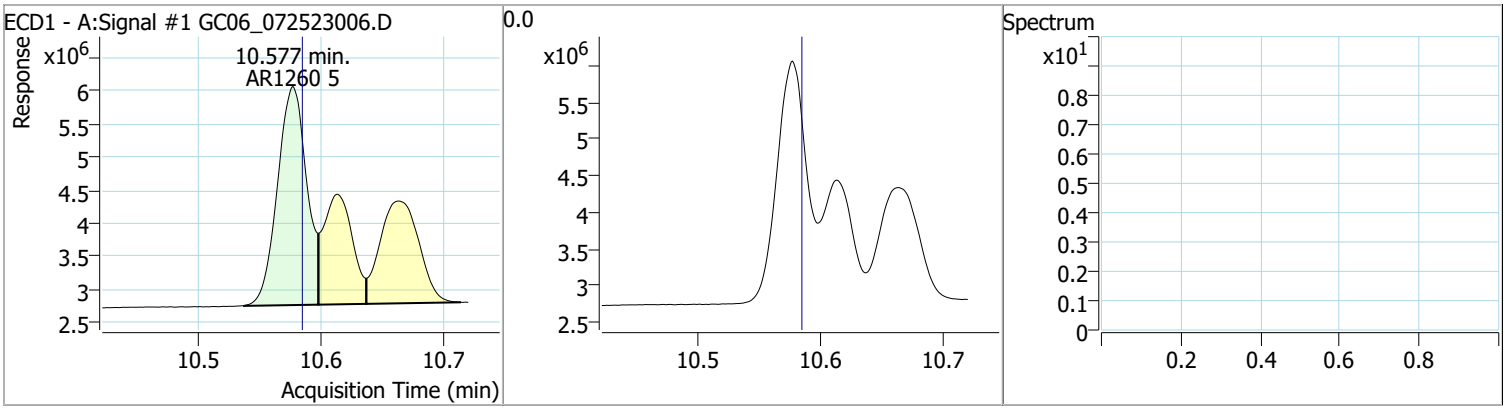
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 2 #2	443.8919	9.93	0.00	12481872				



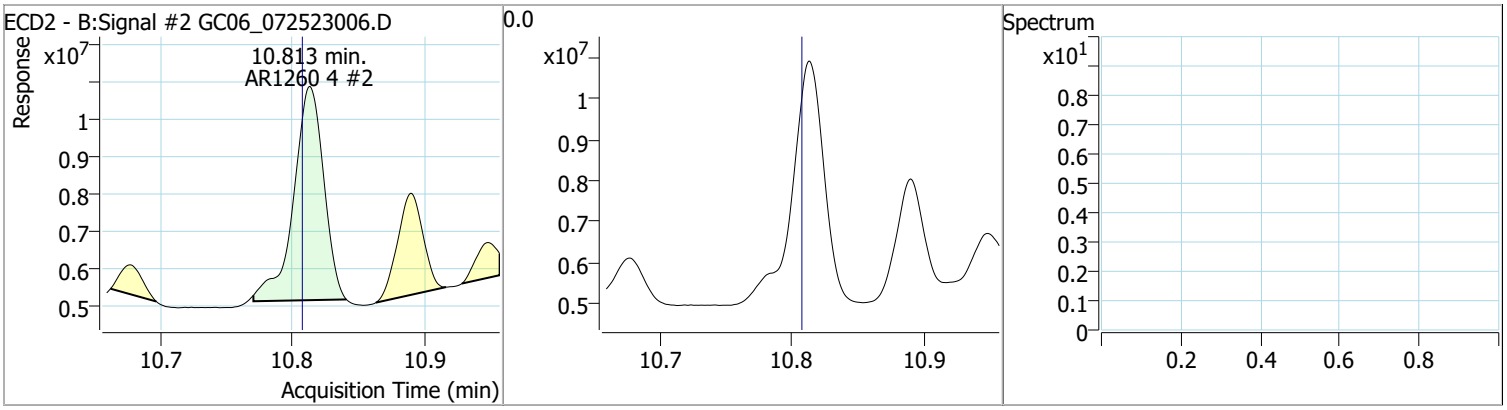
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 3 #2	437.2000	10.38	0.00	15732216				



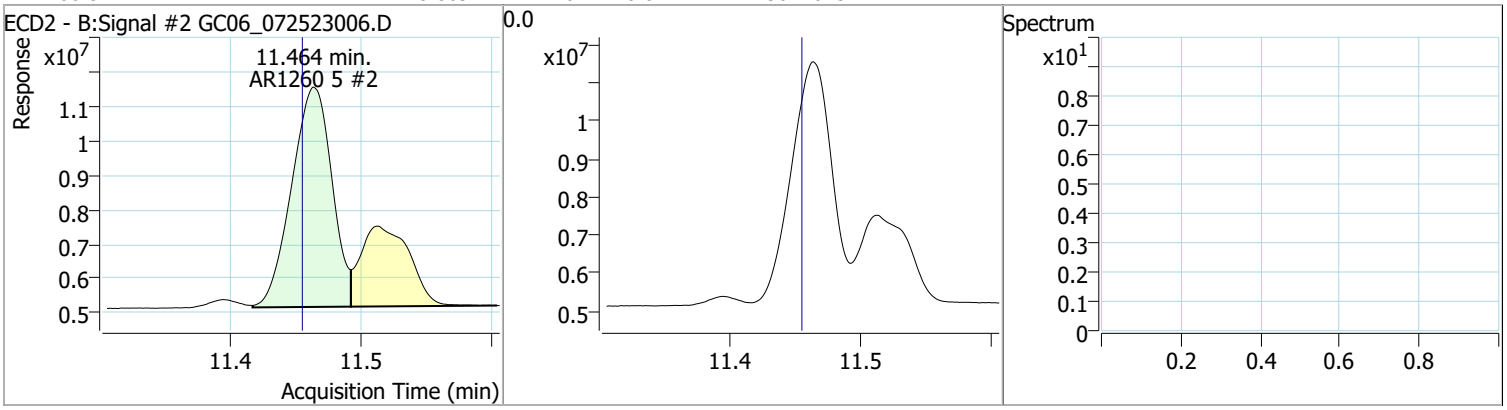
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5	309.6262	10.58	0.02	5459967				



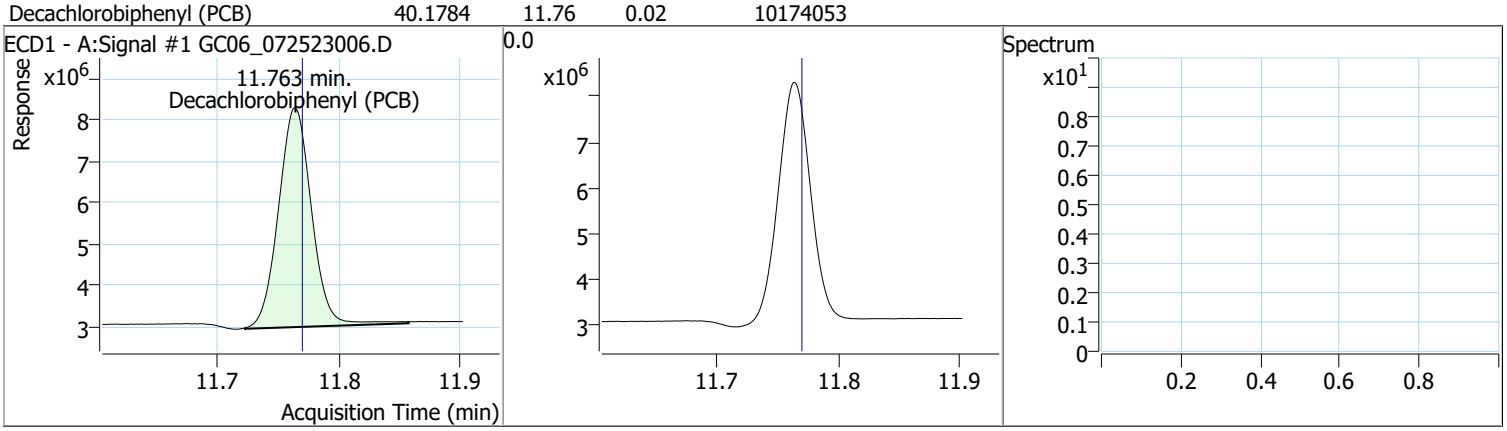
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 4 #2	437.0909	10.81	0.00	9186821				



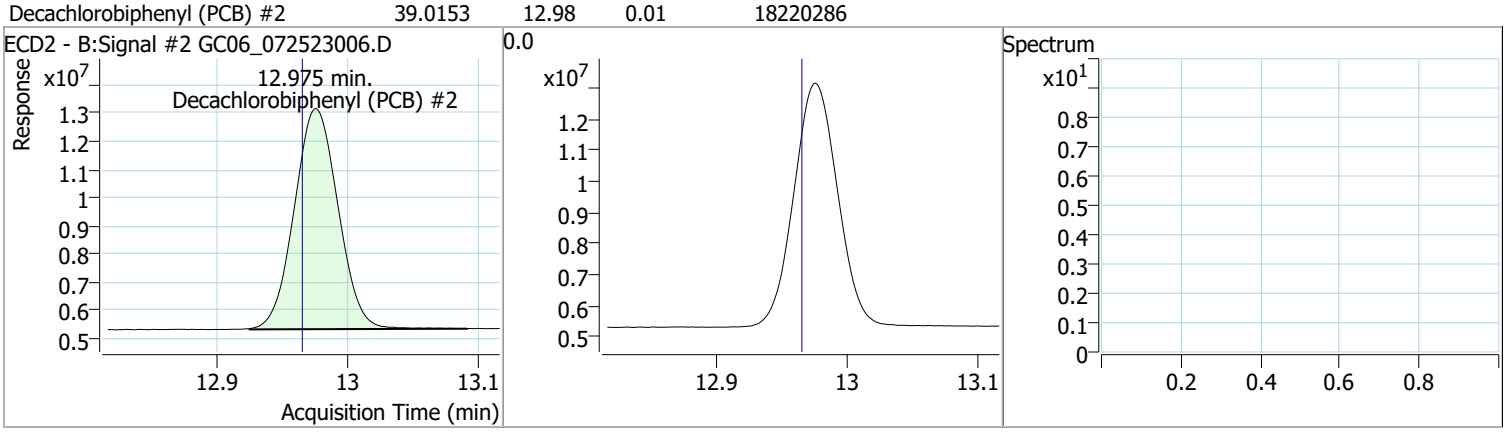
Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
AR1260 5 #2	448.8692	11.46	0.01	13674675				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB)	40.1784	11.76	0.02	10174053				



Compound	Conc.	RT	Dev(Min)	Resp.	QIon	QRatio	Lower	Upper
Decachlorobiphenyl (PCB) #2	39.0153	12.98	0.01	18220286				



Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

Lab Job Number: 489010
Report Level: IV
Report Date: 08/01/2023

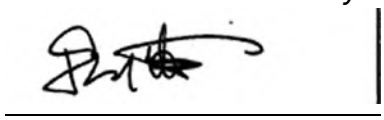
Metals

Analytical Report *prepared for:*

Austin Moore
Rincon Consultants
449 15th Street
#303
Oakland, CA 94612

Project: 20-10491 - Hangar 1 NTCRA

Authorized for release by:



John Goyette, Service Center Manager
(510) 204-2233 Ext 13112
john.goyette@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105

ENTHALPY ANALYTICAL

Sample Summary

Austin Moore
Rincon Consultants
449 15th Street
#303
Oakland, CA 94612

Lab Job #:	489010
Project No:	20-10491
Location:	Hangar 1 NTCRA
Date Received:	07/24/23

Sample ID	Lab ID	Collected	Matrix
AFRAME-C6W-MED-L3-EXT-1 TO 2-230724-L-WF	489010-002	07/24/23 08:15	Wipe
AFRAME-C6W-MED-L3-EXT-1 TO 2-230724-L-DUP-WF	489010-003	07/24/23 08:15	Wipe
AFRAME-C6W-LAT-L3-UP-C6.7-DG-230724-L-LA	489010-006	07/24/23 08:40	Wipe
AFRAME-C6W-MED-L3-UP-C6.5-HM-230724-L-CB	489010-008	07/24/23 08:25	Wipe
AFRAME-C7W-LAT-L3-EXT-1 TO 2-230724-L-WF	489010-010	07/24/23 08:50	Wipe
AFRAME-C7W-LAT-L3-EXT-1 TO 2-230724-L-DUP-WF	489010-011	07/24/23 08:50	Wipe
AFRAME-C7W-LAT-L3-UP-C7.1-DG-230724-L-LA	489010-014	07/24/23 09:05	Wipe
AFRAME-C7W-MED-L3-UP-C7.6-HM-230724-L-CB	489010-016	07/24/23 09:15	Wipe
AFRAME-C6W-LAT-L3-UP-C6.4-DG-230724-L-LA	489010-018	07/24/23 09:35	Wipe
AFRAME-C6W-MED-L3-UP-C6W-DG-230724-L-LA	489010-020	07/24/23 09:30	Wipe
AFRAME-C7W-MED-L3-UP-C7W-DG-230724-L-LA	489010-022	07/24/23 09:45	Wipe
AFRAME-C7W-LAT-L3-UP-C7.3-DG-230724-L-LA	489010-024	07/24/23 09:55	Wipe

Case Narrative

METALS (EPA 6010B)

Rincon Consultants 449 15th Street #303 Oakland, CA 94612 Austin Moore	Lab Job Number: 489010 Project No: 20-10491 Location: Hangar 1 NTCRA Date Received: 07/24/23

This data package contains sample and QC results for twelve wipe samples, requested for the above referenced project on 07/25/23. See attached cooler receipt form for any sample receipt problems or discrepancies.

Metals (EPA 6010B):

No analytical problems were encountered.

Chain of Custody

ENTHALPY ANALYTICAL

Chain of Custody Record

COC ID: 48401O

Page: 1 of 2

Turn Around Time (rush by advanced notice only)

Standard:	X (PCBs)	5 Day:		3 Day:	
2 Day:		1 Day:	X (PB)	custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Report: Level IV

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants, Inc.	Quote #:	RIN031721
Report To:	Lindsay Parker	Proj. Name:	Hangar 1 - NCTRA WP
Email:	lparker@rinconconsultants.com	Proj. #:	20-10491
Address:	449 15th Street, Suite 303	P.O. #:	
	Oakland, California 94612	Address:	158 Cody Road, Mountain View, CA
Phone:	(651) 890-9556	Global ID:	
Fax:		Sampled By:	M.Kim

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	PCBs - EPA Method 3546/8082	Lead by EPA Method 3050M/6010B	HOLD
1	AFRAME-C6W-MED-L3-EXT-1 TO 2-230724-P-WF	7/24/2023	0815	WP	1	--	X		
2	AFRAME-C6W-MED-L3-EXT-1 TO 2-230724-L-WF	7/24/2023	0815	WP	1	--		X	
3	AFRAME-C6W-MED-L3-EXT-1 TO 2-230724-L-DUP-WF	7/24/2023	0815	WP	1	--		X	
4	AFRAME-C6W-LAT-L3-UP-C6.7-DG-230724-P-LA	7/24/2023	0840	WP	1	--	X		
5	AFRAME-C6W-LAT-L3-UP-C6.7-DG-230724-P-DUP-LA	7/24/2023	0840	WP	1	--	X		
6	AFRAME-C6W-LAT-L3-UP-C6.7-DG-230724-L-LA	7/24/2023	0840	WP	1	--		X	
7	AFRAME-C6W-MED-L3-UP-C6.5-HM-230724-P-CB	7/24/2023	0825	WP	1	--	X		
8	AFRAME-C6W-MED-L3-UP-C6.5-HM-230724-L-CB	7/24/2023	0825	WP	1	--		X	
9	AFRAME-C7W-LAT-L3-EXT-1 TO 2-230724-P-WF	7/24/2023	0850	WP	1	--	X		
10	AFRAME-C7W-LAT-L3-EXT-1 TO 2-230724-L-WF	7/24/2023	0850	WP	1	--		X	
11	AFRAME-C7W-LAT-L3-EXT-1 TO 2-230724-L-DUP-WF	7/24/2023	0850	WP	1	--		X	
12	AFRAME-C7W-LAT-L3-UP-C7.1-DG-230724-P-LA	7/24/2023	0905	WP	1	--	X		
13	AFRAME-C7W-LAT-L3-UP-C7.1-DG-230724-P-DUP-LA	7/24/2023	0905	WP	1	--	X		
14	AFRAME-C7W-LAT-L3-UP-C7.1-DG-230724-L-LA	7/24/2023	0905	WP	1	--		X	
15	AFRAME-C7W-MED-L3-UP-C7.6-HM-230724-P-CB	7/24/2023	0915	WP	1	--	X		

Analysis Request

Test Instructions / Comments

Confirmation Wipe Samples - Level IV Report/Stage 3 Validation

Report PCB concentrations on a µg/100cm2 basis

Report lead concentrations on a µg/ft2 basis

Report Aroclor 1268 concentrations in addition to the standard Aroclors

Wipe samples collected from Zone 4 Enclosure C/D (High Occupancy)

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Michaela Kim	Rincon/ENV Scientist	7/24@1723
1 Received By:		Kenneth Yip	EA	7/24 17:27
2 Relinquished By:		Lindsay	EA	7/24 18:49
2 Received By:		C. Kim	EA	7/25/23 10:00
3 Relinquished By:				
3 Received By:				

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Chain of Custody Record

COC ID: 489010

Page: 2 of 2

Turn Around Time (rush by advanced notice only)

Standard:	X (PCBs)	5 Day:		3 Day:	
2 Day:		1 Day:	X (PB)	custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Report: Level IV

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants, Inc.	Quote #:	RIN031721
Report To:	Lindsay Parker	Proj. Name:	Hangar 1 - NCTRA WP
Email:	lparker@rinconconsultants.com	Proj. #:	20-10491
Address:	449 15th Street, Suite 303	P.O. #:	
	Oakland, California 94612	Address:	158 Cody Road, Mountain View, CA
Phone:	(651) 890-9556	Global ID:	
Fax:		Sampled By:	M. Kim

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	PCBs - EPA Method 3546/8082	Lead by EPA Method 3050M/6010B	HOLD	Test Instructions / Comments
16	AFRAME-C7W-MED-L3-UP-C7.6-HM-230724-L-CB	7/24/2023	0915	WP	1	--		X		**Confirmation Wipe Samples - Level IV Report/Stage 3 Validation**
17	AFRAME-C6W-LAT-L3-UP-C6.4-DG-230724-P-LA	7/24/2023	0935	WP	1	--	X			Report PCB concentrations on a µg/100cm2 basis
18	AFRAME-C6W-LAT-L3-UP-C6.4-DG-230724-L-LA	7/24/2023	0935	WP	1	--		X		Report lead concentrations on a µg/ft2 basis
19	AFRAME-C6W-MED-L3-UP-C6W-DG-230724-P-LA	7/24/2023	0930	WP	1	--	X			Report Aroclor 1268 concentrations in addition to the standard Aroclors
20	AFRAME-C6W-MED-L3-UP-C6W-DG-230724-L-LA	7/24/2023	0930	WP	1	--		X		Wipe samples collected from Zone 4 Enclosure C/D (High Occupancy)
21	AFRAME-C7W-MED-L3-UP-C7W-DG-230724-P-LA	7/24/2023	0945	WP	1	--	X			
22	AFRAME-C7W-MED-L3-UP-C7W-DG-230724-L-LA	7/24/2023	0945	WP	1	--		X		
23	AFRAME-C7W-LAT-L3-UP-C7.3-DG-230724-P-LA	7/24/2023	0955	WP	1	--	X			
24	AFRAME-C7W-LAT-L3-UP-C7.3-DG-230724-L-LA	7/24/2023	0955	WP	1	--		X		
25										
26										
27										
28										
29										
30										

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Michaela Kim	Rincon	7/24 @1723
[1] Received By:			EA	7/24 17:27
[2] Relinquished By:		C Gray	EA	7/24 18 15:45
[2] Received By:		G Kim	EA	7/24/23 10:00
[3] Relinquished By:				
[3] Received By:				

SAMPLE RECEIPT CHECKLIST

ENTHALPY

Section 1: General Info

Date Received: 7-24-23 Login # 489010 Client: RINCON

Section 2: Shipping / Custody

Shipping Info: _____

Are custody seals present? o No o Yes If yes, where? o on cooler, o on samples, o on package

Custody seals intact on arrival? ☐ Yes ☐ No ☐ N/A Date: _____ # of seals ____ ☐ Signature ☐ Initials

Section 3: Condition / Packaging ***Important*: Notify PM if temperature exceeds 6°C or arrive frozen**

Date Opened 7-24-23 By (print) ABM (sign) _____

o Samples received on ice directly from the field. Cooling process had begun. (if checked, skip temperatures)

If no cooler: Sample Temp (°C): _____

How many coolers? _____ Temp (°C): #1:_____ #2:_____ #3:_____ #4:_____ #5:_____ #6: _____

Temperature measured using o Thermometer ID:_____, or IR Gun # o B o C

Type of ice used : o Wet, o Blue/Gel, o None Temperature blank(s) included? ☐ Yes, ☐ No

Section 4: Containers / Labels / Samples	YES	NO	N/A
Were custody papers dry, filled out properly, and the project identifiable?	✓		
Were Method 5035 sampling containers present? Transferred to freezer @:		✓	
Did all containers arrive unbroken/unopened?	✓		
Are there any missing / extra samples?		✓	
Are samples in the appropriate containers for indicated tests?	✓		
Are sample labels present, in good condition and complete?	✓		
Does the container count match the COC?	✓		
Do the sample labels agree with custody papers?	✓		
Was sufficient amount of sample sent for tests requested?	✓		
Did you change the hold time in LIMS for unpreserved VOAs?			✓
Did you change the hold time in LIMS for preserved terracores?			✓
Are bubbles > 6mm present in VOA samples?			
Was the client contacted about this delivery? Contacted:_____ By:_____ Date:		✓	

Section 5: Preservatives	YES	NO	N/A
Are the samples appropriately preserved? (if yes, skip the rest of section 5)			
Did any samples / containers require preservation upon receipt?			
Did you document your preservative check in the bench book?			

Preservative added:

o H2SO4 lot#	added to samples	Date/Time
o HCL lot#	added to samples	Date/Time
o HNO3 lot#	added to samples	Date/Time
o CrVI Buffer lot#	added to samples	Date/Time

Section 6: Explanations / Comments

_____

_____

_____

_____

_____

_____

_____

_____

Date Logged 7-24-23 **By (print)** ABM for MAY **(sign)** _____

Date Labeled 7-24-23 **By (print)** ABM **(sign)** _____

ENTHALPY ANALYTICAL

489010

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Rincon Consultants Project: Hangar 1 NTCRA

Date Received: 07/25/23 Sampler's Name Present: [X] Yes [ ] No

Section 2

Sample(s) received in a cooler? [✔] Yes, How many? 1 [ ] No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 3.2 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: Southwest Airlines

Section 3

Was the cooler packed with: [✔] Ice [ ] Ice Packs [X] Bubble Wrap [ ] Styrofoam [ ] Paper [ ] None [ ] Other _____

Cooler Temp (°C): #1: 3.1 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✔		
Are sample IDs present?	✔		
Are sampling dates & times present?	✔		
Is a relinquished signature present?	✔		
Are the tests required clearly indicated on the COC?	✔		
Are custody seals present?	✔		
If custody seals are present, were they intact?	✔		
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			✔
Did all samples arrive intact? If no, indicate in Section ~~4~~ 5 below.	✔		
Did all bottle labels agree with COC? (ID, dates and times)	✔		
Were the samples collected in the correct containers for the required tests?	✔		
Are the containers labeled with the correct preservatives?			✔
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✔
Was a sufficient amount of sample submitted for the requested tests?	✔		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? [ ] Verbal PM Initials: _____ Date/Time _____

[ ] Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: JUL 25 2023

SOUTHWEST AIRLINES

ited on:
JUL 19:37

26 OAK 9101 2040

SNA

PC# 5 OF 6 | BG G | LOT WT 200 LB (90.7 KG)

OAK WN 2872 24 JUL 20:25

STN FLT DATE ETD LOT 01

PC ID: 0005
PC WT: 33LB

S

526 91012040 0005

Enthalpy Analytical
Sample Receiving
931 W. Barkley Ave.
Orange, CA 92868

COOLER

3.2/3.1

AMPER
VIDENT
APE

22/M/L

557

Results & QC Summary

ENTHALPY ANALYTICAL

Lead

Lab #: 489010 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C6W-MED-L3-EXT-1 TO 2-230724-L-WF **Batch#:** 318869 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 6010B
Lab ID: 489010-002 **Received:** 07/24/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/25/23
Diln Fac: 1.000 **Analyzed:** 07/25/23

489010-002 Analyte	Result	RL	Units
Lead	**56**	0.50	ug/ft2

Field ID: AFRAME-C6W-MED-L3-EXT-1 TO 2-230724-L-DUP-WF **Batch#:** 318869 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 6010B
Lab ID: 489010-003 **Received:** 07/24/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/25/23
Diln Fac: 1.000 **Analyzed:** 07/25/23

489010-003 Analyte	Result	RL	Units
Lead	**43**	0.50	ug/ft2

Field ID: AFRAME-C6W-LAT-L3-UP-C6.7-DG-230724-L-LA **Batch#:** 318869 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 6010B
Lab ID: 489010-006 **Received:** 07/24/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/25/23
Diln Fac: 1.000 **Analyzed:** 07/25/23

489010-006 Analyte	Result	RL	Units
Lead	**34**	0.50	ug/ft2

Field ID: AFRAME-C6W-MED-L3-UP-C6.5-HM-230724-L-CB **Batch#:** 318869 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 6010B
Lab ID: 489010-008 **Received:** 07/24/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/25/23
Diln Fac: 1.000 **Analyzed:** 07/25/23

489010-008 Analyte	Result	RL	Units
Lead	**22**	0.50	ug/ft2

Field ID: AFRAME-C7W-LAT-L3-EXT-1 TO 2-230724-L-WF **Batch#:** 318869 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 6010B
Lab ID: 489010-010 **Received:** 07/24/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/25/23
Diln Fac: 1.000 **Analyzed:** 07/25/23

489010-010 Analyte	Result	RL	Units
Lead	**52**	0.50	ug/ft2

ENTHALPY ANALYTICAL

Lead

Lab #: 489010 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C7W-LAT-L3-EXT-1 TO 2-230724-L-DUP-WF **Batch#:** 318869 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 6010B
Lab ID: 489010-011 **Received:** 07/24/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/25/23
Diln Fac: 1.000 **Analyzed:** 07/25/23

489010-011 Analyte	Result	RL	Units
Lead	**57**	0.50	ug/ft2

Field ID: AFRAME-C7W-LAT-L3-UP-C7.1-DG-230724-L-LA **Batch#:** 318869 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 6010B
Lab ID: 489010-014 **Received:** 07/24/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/25/23
Diln Fac: 1.000 **Analyzed:** 07/25/23

489010-014 Analyte	Result	RL	Units
Lead	**78**	0.50	ug/ft2

Field ID: AFRAME-C7W-MED-L3-UP-C7.6-HM-230724-L-CB **Batch#:** 318869 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 6010B
Lab ID: 489010-016 **Received:** 07/24/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/25/23
Diln Fac: 1.000 **Analyzed:** 07/25/23

489010-016 Analyte	Result	RL	Units
Lead	**23**	0.50	ug/ft2

Field ID: AFRAME-C6W-LAT-L3-UP-C6.4-DG-230724-L-LA **Batch#:** 318869 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 6010B
Lab ID: 489010-018 **Received:** 07/24/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/25/23
Diln Fac: 1.000 **Analyzed:** 07/25/23

489010-018 Analyte	Result	RL	Units
Lead	**42**	0.50	ug/ft2

Field ID: AFRAME-C6W-MED-L3-UP-C6W-DG-230724-L-LA **Batch#:** 318869 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 6010B
Lab ID: 489010-020 **Received:** 07/24/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/25/23
Diln Fac: 1.000 **Analyzed:** 07/25/23

489010-020 Analyte	Result	RL	Units
Lead	**56**	0.50	ug/ft2

ENTHALPY ANALYTICAL

Lead

Lab #: 489010 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C7W-MED-L3-UP-C7W-DG-230724-L-LA **Batch#:** 318869 **Prep:** EPA 3050B

Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 6010B

Lab ID: 489010-022 **Received:** 07/24/23 **Analyst:** SBW

Matrix: Wipe **Prepared:** 07/25/23

Dln Fac: 1.000 **Analyzed:** 07/25/23

489010-022 Analyte	Result	RL	Units
Lead	**43**	0.50	ug/ft2

Field ID: AFRAME-C7W-LAT-L3-UP-C7.3-DG-230724-L-LA **Batch#:** 318869 **Prep:** EPA 3050B

Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 6010B

Lab ID: 489010-024 **Received:** 07/24/23 **Analyst:** SBW

Matrix: Wipe **Prepared:** 07/25/23

Dln Fac: 1.000 **Analyzed:** 07/25/23

489010-024 Analyte	Result	RL	Units
Lead	**28**	0.50	ug/ft2

Type: BLANK **Batch#:** 318869 **Analysis:** EPA 6010B

Lab ID: QC1082051 **Prepared:** 07/25/23 **Analyst:** SBW

Matrix: Wipe **Analyzed:** 07/25/23

Dln Fac: 1.000 **Prep:** EPA 3050B

QC1082051 Analyte	Result	RL	Units
Lead	ND	0.50	ug/ft2

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Lead: Batch QC

Lab #: 489010 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Type: BS **Batch#:** 318869 **Analysis:** EPA 6010B

Lab ID: QC1082052 **Prepared:** 07/25/23 **Analyst:** SBW

Matrix: Wipe **Analyzed:** 07/25/23

DiIn Fac: 1.000 **Prep:** EPA 3050B

QC1082052 Analyte	Spiked	Result	%REC	Limits	Units
Lead	50.00	50.04	100	80-120	ug/ft2

Type: BSD **Batch#:** 318869 **Analysis:** EPA 6010B

Lab ID: QC1082053 **Prepared:** 07/25/23 **Analyst:** SBW

Matrix: Wipe **Analyzed:** 07/25/23

DiIn Fac: 1.000 **Prep:** EPA 3050B

QC1082053 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
Lead	50.00	49.82	100	80-120	ug/ft2	0	20

Legend

RPD: Relative Percent Difference

REPORTING SUMMARY FOR 489010 METALS Wipe
Enthalpy Analytical - Orange

Lab ID	Inst ID	Analyzed	IDF	PB
489010-002	MET09	07/25/23 20:44	1.0	✓
489010-003	MET09	07/25/23 20:47	1.0	✓
489010-006	MET09	07/25/23 20:50	1.0	✓
489010-008	MET09	07/25/23 20:53	1.0	✓
489010-010	MET09	07/25/23 20:56	1.0	✓
489010-011	MET09	07/25/23 20:59	1.0	✓
489010-014	MET09	07/25/23 21:03	1.0	✓
489010-016	MET09	07/25/23 21:06	1.0	✓
489010-018	MET09	07/25/23 21:09	1.0	✓
489010-020	MET09	07/25/23 21:12	1.0	✓
489010-022	MET09	07/25/23 21:21	1.0	✓
489010-024	MET09	07/25/23 21:24	1.0	✓
QC1082051	MET09	07/25/23 20:28	1.0	✓
QC1082052	MET09	07/25/23 20:31	1.0	✓
QC1082053	MET09	07/25/23 20:34	1.0	✓

Enthalpy Sequence Summary for Sequence 673297193

Instrument: MET09 Begun: 07/25/23 09:13

Method: EPA 6010B

#	File	Type	Sample ID	Matrix	Batch	Analyzed	IDF	Stds Used	
001	icp data	ICALBLK				07/25/23 09:13	1.0		
002	icp data	ICAL	L1			07/25/23 09:16	1.0	1	
003	icp data	ICAL	L2			07/25/23 09:20	1.0	2	
004	icp data	ICAL	L3			07/25/23 09:23	1.0	3	
005	icp data	ICAL	L4			07/25/23 09:26	1.0	4	
006	icp data	ICAL	L5			07/25/23 09:29	1.0	5	
007	icp data	ICAL	L6			07/25/23 09:32	1.0	6	
008	icp data	ICAL	L7			07/25/23 09:35	1.0	7	
009	icp data	ICAL	L8			07/25/23 09:38	1.0	8	
010	icp data	ICV				07/25/23 09:41	1.0	9	
011	icp data	ICV				07/25/23 09:45	1.0	10	
012	icp data	ICB				07/25/23 09:48	1.0		
013	icp data	CRI				07/25/23 09:51	1.0	11	
014	icp data	ICSA				07/25/23 09:54	1.0	12	6:MGASMGCO3=1400
015	icp data	ICSAB				07/25/23 09:57	1.0	13	6:MGASMGCO3=1400
016	icp data	BLANK	QC1081823	Filtrate	318790	07/25/23 10:00	1.0	14	
017	icp data	BS	QC1081824	Filtrate	318790	07/25/23 10:03	1.0	14	
018	icp data	BSD	QC1081825	Filtrate	318790	07/25/23 10:06	1.0	14	
019	icp data	SAMPLE	487525-001	Filtrate	318790	07/25/23 10:10	10.0	14	
020	icp data	SAMPLE	487525-001	Filtrate	318790	07/25/23 10:14	2.0	14	
021	icp data	CCV				07/25/23 10:16	1.0	10	
022	icp data	CCB				07/25/23 10:19	1.0		
023	icp data	CCV				07/25/23 10:22	1.0	9	
024	icp data	CCB				07/25/23 10:25	1.0		
025	icp data	BLANK	QC1081991	Drinking Water	318847	07/25/23 10:28	1.0	14	
026	icp data	LCS	QC1081992	Drinking Water	318847	07/25/23 10:32	1.0	14	
027	icp data	MSS	489057-001	Drinking Water	318847	07/25/23 10:35	1.0	14	
028	icp data	MS	QC1081993	Drinking Water	318847	07/25/23 10:38	1.0	14	
029	icp data	MSD	QC1081994	Drinking Water	318847	07/25/23 10:41	1.0	14	
030	icp data	SAMPLE	489060-001	Drinking Water	318847	07/25/23 10:44	1.0	14	
031	icp data	SAMPLE	489061-001	Drinking Water	318847	07/25/23 10:47	1.0	14	
032	icp data	SAMPLE	489062-001	Drinking Water	318847	07/25/23 10:50	1.0	14	
033	icp data	LCS	QC1081835	Filtrate	318794	07/25/23 10:53	1.0	14	
034	icp data	SAMPLE	488952-001	Filtrate	318794	07/25/23 10:57	1.0	14	1:CA=1000
035	icp data	CCV				07/25/23 11:00	1.0	9	
036	icp data	CCB				07/25/23 11:03	1.0		
037	icp data	LCS	QC1081839	Water	318795	07/25/23 11:06	1.0	14	
038	icp data	MSS	488904-001	Water	318795	07/25/23 11:09	1.0	14	1:B=45
039	icp data	MS	QC1081840	Water	318795	07/25/23 11:12	1.0	14	1:B=45
040	icp data	MSD	QC1081841	Water	318795	07/25/23 11:15	1.0	14	1:B=46
041	icp data	SAMPLE	488860-001	Soil	318771	07/25/23 11:18	10.0	14	1:FE=32
042	icp data	BLANK	QC1081817	Water	318789	07/25/23 11:21	1.0	14	
043	icp data	LCS	QC1081818	Water	318789	07/25/23 11:25	1.0	14	
044	icp data	SAMPLE	488786-002	Water	318789	07/25/23 11:28	1.0	14	1:FE=21
045	icp data	SAMPLE	488921-001	Water	318789	07/25/23 11:31	1.0	14	1:FE=39
046	icp data	MSS	488922-023	Water	318789	07/25/23 11:34	1.0	14	
047	icp data	CCV				07/25/23 11:37	1.0	9	
048	icp data	CCB				07/25/23 11:40	1.0		
049	icp data	MS	QC1081819	Water	318789	07/25/23 11:43	1.0	14	
050	icp data	MSD	QC1081820	Water	318789	07/25/23 11:46	1.0	14	

Enthalpy Sequence Summary for Sequence 673297193

Instrument: MET09 Begun: 07/25/23 09:13

Method: EPA 6010B

#	File	Type	Sample ID	Matrix	Batch	Analyzed	IDF	Stds Used	
051	icp data	BLANK	QC1081901	Soil	318822	07/25/23 11:50	1.0	14	
052	icp data	LCS	QC1081902	Soil	318822	07/25/23 11:53	1.0	14	
053	icp data	SAMPLE	488931-001	Soil	318822	07/25/23 11:56	1.0	14	2:FE=290
054	icp data	MSS	489030-001	Soil	318822	07/25/23 11:59	1.0	14	6:CAASCACO3=870
055	icp data	MS	QC1081903	Soil	318822	07/25/23 12:02	1.0	14	6:CAASCACO3=840
056	icp data	MSD	QC1081904	Soil	318822	07/25/23 12:05	1.0	14	6:CAASCACO3=950
057	icp data	PDS	QC1081905	Soil	318822	07/25/23 12:08	1.0	14	6:CAASCACO3=850
058	icp data	SAMPLE	488910-002	Drinking Water	318847	07/25/23 12:11	1.0	14	
059	icp data	CCV				07/25/23 12:15	1.0	9	
060	icp data	CCB				07/25/23 12:18	1.0		
061	icp data	SAMPLE	488930-001	Drinking Water	318847	07/25/23 12:21	1.0	14	
062	icp data	SAMPLE	488930-002	Drinking Water	318847	07/25/23 12:24	1.0	14	
063	icp data	BLANK	QC1082057	Drinking Water	318872	07/25/23 12:28	1.0	14	
064	icp data	LCS	QC1082058	Drinking Water	318872	07/25/23 12:31	1.0	14	
065	icp data	MSS	488984-001	Drinking Water	318872	07/25/23 12:34	1.0	14	
066	icp data	MS	QC1082059	Drinking Water	318872	07/25/23 12:37	1.0	14	
067	icp data	MSD	QC1082060	Drinking Water	318872	07/25/23 12:40	1.0	14	
068	icp data	SAMPLE	488984-003	Drinking Water	318872	07/25/23 12:43	1.0	14	
069	icp data	SAMPLE	488984-004	Drinking Water	318872	07/25/23 12:46	1.0	14	
070	icp data	SAMPLE	488984-006	Drinking Water	318872	07/25/23 12:49	1.0	14	
071	icp data	CCV				07/25/23 12:53	1.0	9	
072	icp data	CCB				07/25/23 12:56	1.0		
073	icp data	SAMPLE	488984-007	Drinking Water	318872	07/25/23 12:59	1.0	14	
074	icp data	SAMPLE	488969-001	Water	318789	07/25/23 13:02	10.0	14	1:NA=1500
075	icp data	SAMPLE	488969-002	Water	318789	07/25/23 13:05	10.0	14	1:NA=1600
076	icp data	SAMPLE	488969-003	Water	318789	07/25/23 13:08	10.0	14	1:NA=950
077	icp data	SAMPLE	488969-001	Water	318789	07/25/23 13:11	1.0	14	1:MG=1500
078	icp data	SAMPLE	488969-002	Water	318789	07/25/23 13:14	1.0	14	1:MG=1600
079	icp data	SAMPLE	488969-003	Water	318789	07/25/23 13:17	1.0	14	1:MG=970
080	icp data	CCV				07/25/23 13:21	1.0	9	
081	icp data	CCB				07/25/23 13:24	1.0		
082	icp data	BLANK	QC1081995	Water	318848	07/25/23 13:26	1.0	14	
083	icp data	LCS	QC1081996	Water	318848	07/25/23 13:29	1.0	14	
084	icp data	SAMPLE	489060-002	Sea Water	318848	07/25/23 13:32	25.0	14	
085	icp data	MSS	489043-006	Water	318848	07/25/23 13:36	1.0	14	
086	icp data	MS	QC1081999	Water	318848	07/25/23 13:39	1.0	14	
087	icp data	MSD	QC1082000	Water	318848	07/25/23 13:42	1.0	14	
088	icp data	MDL	469264-069	Water	316537	07/25/23 13:45	1.0	14	
089	icp data	MDL	469264-070	Water	316537	07/25/23 13:48	1.0	14	
090	icp data	CCV				07/25/23 13:53	1.0	9	
091	icp data	CCB				07/25/23 13:56	1.0		
092	icp data	SAMPLE	489015-001	Water	318848	07/25/23 13:59	1.0	14	
093	icp data	SAMPLE	489043-001	Water	318848	07/25/23 14:02	1.0	14	
094	icp data	SAMPLE	489043-002	Water	318848	07/25/23 14:06	1.0	14	
095	icp data	SAMPLE	489043-003	Water	318848	07/25/23 14:09	1.0	14	
096	icp data	SAMPLE	489043-004	Water	318848	07/25/23 14:12	1.0	14	
097	icp data	SAMPLE	489043-005	Water	318848	07/25/23 14:14	1.0	14	
098	icp data	CCV				07/25/23 14:17	1.0	9	
099	icp data	CCB				07/25/23 14:20	1.0		
100	icp data	BLANK	QC1081958	Soil	318839	07/25/23 14:24	1.0	14	

Enthalpy Sequence Summary for Sequence 673297193

Instrument: MET09 Begun: 07/25/23 09:13

Method: EPA 6010B

#	File	Type	Sample ID	Matrix	Batch	Analyzed	IDF	Stds Used	
101	icp data	LCS	QC1081959	Soil	318839	07/25/23 14:27	1.0	14	
102	icp data	MSS	489051-001	Soil	318839	07/25/23 14:30	1.0	14	5:ALASAL2O3=300
103	icp data	MS	QC1081960	Soil	318839	07/25/23 14:33	1.0	14	5:ALASAL2O3=350
104	icp data	MSD	QC1081961	Soil	318839	07/25/23 14:36	1.0	14	5:ALASAL2O3=350
105	icp data	PDS	QC1081962	Soil	318839	07/25/23 14:39	1.0	14	5:ALASAL2O3=300
106	icp data	SAMPLE	489051-002	Soil	318839	07/25/23 14:42	1.0	14	3:FE=210
107	icp data	SAMPLE	489051-003	Soil	318839	07/25/23 14:45	1.0	14	3:FE=200
108	icp data	SAMPLE	489051-004	Soil	318839	07/25/23 14:49	1.0	14	3:FE=220
109	icp data	SAMPLE	489051-005	Soil	318839	07/25/23 14:52	1.0	14	3:FE=210
110	icp data	CCV				07/25/23 14:55	1.0	9	
111	icp data	CCB				07/25/23 14:58	1.0		
112	icp data	SAMPLE	489039-001	Soil	318839	07/25/23 15:01	1.0	14	2:AL=120
113	icp data	SAMPLE	489039-002	Soil	318839	07/25/23 15:04	1.0	14	2:AL=160
114	icp data	SAMPLE	489056-002	Soil	318839	07/25/23 15:16	1.0	14	2:FE=120
115	icp data	BLANK	QC1081997	Water	318849	07/25/23 15:19	1.0	14	
116	icp data	LCS	QC1081998	Water	318849	07/25/23 15:22	1.0	14	
117	icp data	SAMPLE	488417-001	Water	318849	07/25/23 15:25	1.0	14	
118	icp data	SAMPLE	488417-003	Water	318849	07/25/23 15:28	1.0	14	
119	icp data	SAMPLE	488417-007	Water	318849	07/25/23 15:31	1.0	14	
120	icp data	SAMPLE	488417-011	Water	318849	07/25/23 15:34	1.0	14	
121	icp data	CCV				07/25/23 15:37	1.0	9	
122	icp data	CCB				07/25/23 15:41	1.0		
123	icp data	SAMPLE	489051-006	Water	318849	07/25/23 15:44	1.0	14	
124	icp data	MSS	489051-007	Water	318849	07/25/23 15:47	1.0	14	
125	icp data	MS	QC1082001	Water	318849	07/25/23 15:50	1.0	14	
126	icp data	MSD	QC1082002	Water	318849	07/25/23 15:53	1.0	14	
127	icp data	BLANK	QC1081599	TCLP Leachate	318726	07/25/23 15:56	1.0	14	1:NA=1100
128	icp data	LCS	QC1081600	TCLP Leachate	318726	07/25/23 15:59	1.0	14	1:NA=1100
129	icp data	SAMPLE	488049-002	TCLP Leachate	318726	07/25/23 16:02	1.0	14	1:NA=1100
130	icp data	MSS	488119-002	TCLP Leachate	318726	07/25/23 16:06	1.0	14	2:CAASCACO3=1500
131	icp data	MS	QC1082021	TCLP Leachate	318726	07/25/23 16:09	1.0	14	2:CAASCACO3=1400
132	icp data	MSD	QC1082022	TCLP Leachate	318726	07/25/23 16:12	1.0	14	2:CAASCACO3=1400
133	icp data	CCV				07/25/23 16:15	1.0	9	
134	icp data	CCB				07/25/23 16:18	1.0		
135	icp data	BLANK	QC1081870	TCLP Leachate	318810	07/25/23 16:21	1.0	14	1:NA=1100
136	icp data	LCS	QC1082025	TCLP Leachate	318810	07/25/23 16:24	1.0	14	1:NA=1100
137	icp data	MSS	488334-001	TCLP Leachate	318810	07/25/23 16:27	1.0	14	1:NA=1000
138	icp data	MS	QC1082066	TCLP Leachate	318810	07/25/23 16:30	1.0	14	1:NA=1100
139	icp data	MSD	QC1082067	TCLP Leachate	318810	07/25/23 16:34	1.0	14	1:NA=1100
140	icp data	SAMPLE	488376-005	TCLP Leachate	318810	07/25/23 16:37	1.0	14	1:NA=1100
141	icp data	SAMPLE	488376-035	TCLP Leachate	318810	07/25/23 16:40	1.0	14	1:NA=1100
142	icp data	SAMPLE	488376-040	TCLP Leachate	318810	07/25/23 16:43	1.0	14	1:NA=1100
143	icp data	SAMPLE	488480-039	TCLP Leachate	318810	07/25/23 16:46	1.0	14	1:NA=1000
144	icp data	BLANK	QC1082042	Wipe	318866	07/25/23 16:49	1.0	14	
145	icp data	CCV				07/25/23 16:52	1.0	9	
146	icp data	CCB				07/25/23 16:55	1.0		
147	icp data	BS	QC1082043	Wipe	318866	07/25/23 16:59	1.0	14	
148	icp data	BSD	QC1082044	Wipe	318866	07/25/23 17:02	1.0	14	
149	icp data	SAMPLE	489058-002	Wipe	318866	07/25/23 17:05	1.0	14	1:FE=110
150	icp data	SAMPLE	489058-004	Wipe	318866	07/25/23 17:08	1.0	14	1:FE=88

Instrument: MET09 Begun: 07/25/23 09:13
Method: EPA 6010B

#	File	Type	Sample ID	Matrix	Batch	Analyzed	IDF	Stds Used	
151	icp data	SAMPLE	489058-006	Wipe	318866	07/25/23 17:11	1.0	14	1:FE=77
152	icp data	SAMPLE	489058-008	Wipe	318866	07/25/23 17:14	1.0	14	1:FE=92
153	icp data	SAMPLE	489058-010	Wipe	318866	07/25/23 17:17	1.0	14	1:FE=140
154	icp data	SAMPLE	489058-012	Wipe	318866	07/25/23 17:20	1.0	14	1:FE=90
155	icp data	SAMPLE	489058-014	Wipe	318866	07/25/23 17:23	1.0	14	1:FE=120
156	icp data	SAMPLE	489058-015	Wipe	318866	07/25/23 17:27	1.0	14	1:FE=83
157	icp data	CCV				07/25/23 17:30	1.0	9	
158	icp data	CCB				07/25/23 17:33	1.0		
159	icp data	SAMPLE	489058-018	Wipe	318866	07/25/23 17:36	1.0	14	1:FE=92
160	icp data	SAMPLE	489058-020	Wipe	318866	07/25/23 17:39	1.0	14	1:FE=100
161	icp data	SAMPLE	489058-022	Wipe	318866	07/25/23 17:42	1.0	14	1:FE=140
162	icp data	SAMPLE	489058-024	Wipe	318866	07/25/23 17:45	1.0	14	1:FE=91
163	icp data	SAMPLE	489058-026	Wipe	318866	07/25/23 17:48	1.0	14	1:FE=100
164	icp data	SAMPLE	489058-028	Wipe	318866	07/25/23 17:52	1.0	14	1:FE=92
165	icp data	SAMPLE	489058-031	Wipe	318866	07/25/23 17:55	1.0	14	1:FE=57
166	icp data	SAMPLE	489058-033	Wipe	318866	07/25/23 17:58	1.0	14	1:FE=84
167	icp data	SAMPLE	489058-035	Wipe	318866	07/25/23 18:01	1.0	14	2:FE=78
168	icp data	SAMPLE	489058-037	Wipe	318866	07/25/23 18:04	1.0	14	1:FE=74
169	icp data	CCV				07/25/23 18:07	1.0	9	
170	icp data	CCB				07/25/23 18:10	1.0		
171	icp data	SAMPLE	489058-039	Wipe	318866	07/25/23 18:14	1.0	14	1:FE=70
172	icp data	SAMPLE	489058-041	Wipe	318866	07/25/23 18:17	1.0	14	1:FE=57
173	icp data	BLANK	QC1082045	Wipe	318867	07/25/23 18:20	1.0	14	
174	icp data	BS	QC1082046	Wipe	318867	07/25/23 18:23	1.0	14	
175	icp data	BSD	QC1082047	Wipe	318867	07/25/23 18:26	1.0	14	
176	icp data	SAMPLE	489058-043	Wipe	318867	07/25/23 18:29	1.0	14	
177	icp data	SAMPLE	489058-044	Wipe	318867	07/25/23 18:32	1.0	14	
178	icp data	SAMPLE	489058-046	Wipe	318867	07/25/23 18:35	1.0	14	
179	icp data	SAMPLE	489058-047	Wipe	318867	07/25/23 18:39	1.0	14	
180	icp data	SAMPLE	489059-002	Wipe	318867	07/25/23 18:42	1.0	14	1:FE=95
181	icp data	CCV				07/25/23 18:45	1.0	9	
182	icp data	CCB				07/25/23 18:48	1.0		
183	icp data	SAMPLE	489059-004	Wipe	318867	07/25/23 18:51	1.0	14	1:FE=80
184	icp data	SAMPLE	489059-006	Wipe	318867	07/25/23 18:54	1.0	14	1:FE=80
185	icp data	SAMPLE	489059-008	Wipe	318867	07/25/23 18:57	1.0	14	1:FE=43
186	icp data	SAMPLE	489059-010	Wipe	318867	07/25/23 19:00	1.0	14	1:FE=50
187	icp data	SAMPLE	489059-013	Wipe	318867	07/25/23 19:04	1.0	14	1:FE=100
188	icp data	SAMPLE	489059-015	Wipe	318867	07/25/23 19:07	1.0	14	1:FE=69
189	icp data	SAMPLE	489059-017	Wipe	318867	07/25/23 19:10	1.0	14	1:FE=76
190	icp data	SAMPLE	489059-020	Wipe	318867	07/25/23 19:13	1.0	14	1:FE=100
191	icp data	SAMPLE	489059-022	Wipe	318867	07/25/23 19:16	1.0	14	1:FE=82
192	icp data	SAMPLE	489059-024	Wipe	318867	07/25/23 19:19	1.0	14	1:FE=28
193	icp data	CCV				07/25/23 19:22	1.0	9	
194	icp data	CCB				07/25/23 19:25	1.0		
195	icp data	SAMPLE	489059-025	Wipe	318867	07/25/23 19:29	1.0	14	1:FE=33
196	icp data	SAMPLE	489059-027	Wipe	318867	07/25/23 19:32	1.0	14	1:FE=150
197	icp data	SAMPLE	489059-028	Wipe	318867	07/25/23 19:35	1.0	14	1:FE=120
198	icp data	SAMPLE	489059-030	Wipe	318867	07/25/23 19:38	1.0	14	1:FE=120
199	icp data	SAMPLE	489059-032	Wipe	318867	07/25/23 19:41	1.0	14	3:FE=140
200	icp data	BLANK	QC1082048	Wipe	318868	07/25/23 19:44	1.0	14	

Enthalpy Sequence Summary for Sequence 673297193

Instrument: MET09 Begun: 07/25/23 09:13
Method: EPA 6010B

#	File	Type	Sample ID	Matrix	Batch	Analyzed	IDF	Stds Used	
201	icp data	BS	QC1082049	Wipe	318868	07/25/23 19:47	1.0	14	
202	icp data	BSD	QC1082050	Wipe	318868	07/25/23 19:51	1.0	14	
203	icp data	SAMPLE	489059-034	Wipe	318868	07/25/23 19:54	1.0	14	1:FE=120
204	icp data	SAMPLE	489059-035	Wipe	318868	07/25/23 19:57	1.0	14	1:FE=94
205	icp data	CCV				07/25/23 20:00	1.0	9	
206	icp data	CCB				07/25/23 20:03	1.0		
207	icp data	SAMPLE	489059-037	Wipe	318868	07/25/23 20:06	1.0	14	1:FE=120
208	icp data	SAMPLE	489059-039	Wipe	318868	07/25/23 20:09	1.0	14	1:FE=150
209	icp data	SAMPLE	489059-041	Wipe	318868	07/25/23 20:12	1.0	14	1:FE=68
210	icp data	SAMPLE	489059-043	Wipe	318868	07/25/23 20:16	1.0	14	
211	icp data	SAMPLE	489059-044	Wipe	318868	07/25/23 20:19	1.0	14	
212	icp data	SAMPLE	489059-046	Wipe	318868	07/25/23 20:22	1.0	14	
213	icp data	SAMPLE	489059-047	Wipe	318868	07/25/23 20:25	1.0	14	
214	icp data	BLANK	QC1082051	Wipe	318869	07/25/23 20:28	1.0	14	
215	icp data	BS	QC1082052	Wipe	318869	07/25/23 20:31	1.0	14	
216	icp data	BSD	QC1082053	Wipe	318869	07/25/23 20:34	1.0	14	
217	icp data	CCV				07/25/23 20:37	1.0	9	
218	icp data	CCB				07/25/23 20:41	1.0		
219	icp data	SAMPLE	489010-002	Wipe	318869	07/25/23 20:44	1.0	14	1:FE=46
220	icp data	SAMPLE	489010-003	Wipe	318869	07/25/23 20:47	1.0	14	1:FE=69
221	icp data	SAMPLE	489010-006	Wipe	318869	07/25/23 20:50	1.0	14	1:FE=62
222	icp data	SAMPLE	489010-008	Wipe	318869	07/25/23 20:53	1.0	14	1:FE=97
223	icp data	SAMPLE	489010-010	Wipe	318869	07/25/23 20:56	1.0	14	1:FE=62
224	icp data	SAMPLE	489010-011	Wipe	318869	07/25/23 20:59	1.0	14	1:FE=65
225	icp data	SAMPLE	489010-014	Wipe	318869	07/25/23 21:03	1.0	14	1:FE=110
226	icp data	SAMPLE	489010-016	Wipe	318869	07/25/23 21:06	1.0	14	1:FE=63
227	icp data	SAMPLE	489010-018	Wipe	318869	07/25/23 21:09	1.0	14	1:FE=70
228	icp data	SAMPLE	489010-020	Wipe	318869	07/25/23 21:12	1.0	14	1:FE=91
229	icp data	CCV				07/25/23 21:15	1.0	9	
230	icp data	CCB				07/25/23 21:18	1.0		
231	icp data	SAMPLE	489010-022	Wipe	318869	07/25/23 21:21	1.0	14	1:FE=110
232	icp data	SAMPLE	489010-024	Wipe	318869	07/25/23 21:24	1.0	14	1:FE=90
233	icp data	CCV				07/25/23 21:28	1.0	9	
234	icp data	CCB				07/25/23 21:31	1.0		

SBW 07/26/23 : I verified that the vials loaded on the instrument matched the sequence data entry, for runs 001 through 234.

Standards Used:
1=S18676 2=S18675 3=S18674 4=S18673 5=S18672 6=S18663 7=S18629 8=S18547 9=S18628 10=S16826 11=S18627 12=S18677 13=S18548 14=S14463

Enthalpy Internal Standard Summary for Sequence 673297193

Date:	07/25/23	Reference:	icp data
Sequence:	MET09 07/25/23	Analyzed:	07/25/23 09:13

#	Type	Sample ID	Y A	Y R
		ICALBLK STD	666361	155962
		LOWER LIMIT	199908	46789
		UPPER LIMIT	1332722	311924
012	ICB		648855	157889
014	ICSA		591566	141986
015	ICSAB		591399	141888
016	BLANK	QC1081823	651183	155930
017	BS	QC1081824	659250	158750
018	BSD	QC1081825	659844	159400
019	SAMPLE	487525-001	667658	158759
020	SAMPLE	487525-001	656175	158056
021	CCV		674527	162696
022	CCB		647898	156894
023	CCV		628605	150987
024	CCB		644989	157186
025	BLANK	QC1081991	648445	157826
026	LCS	QC1081992	634336	152452
027	MSS	489057-001	647261	155331
028	MS	QC1081993	640811	152491
029	MSD	QC1081994	641868	153898
030	SAMPLE	489060-001	645648	152550
031	SAMPLE	489061-001	645201	154335
032	SAMPLE	489062-001	646238	154873
033	LCS	QC1081835	633378	153196
034	SAMPLE	488952-001	608874	141182
035	CCV		612613	148101
036	CCB		632652	152841
037	LCS	QC1081839	625302	151850
038	MSS	488904-001	594677	138679
039	MS	QC1081840	595225	140128
040	MSD	QC1081841	595788	138852
041	SAMPLE	488860-001	642141	151912
042	BLANK	QC1081817	632915	155483
043	LCS	QC1081818	622896	151976
044	SAMPLE	488786-002	599386	145169
045	SAMPLE	488921-001	600609	146754
046	MSS	488922-023	628477	155505
047	CCV		618363	149850
048	CCB		642420	155255
049	MS	QC1081819	626816	153412
050	MSD	QC1081820	621186	153172
051	BLANK	QC1081901	636360	156001
052	LCS	QC1081902	635561	158295
053	SAMPLE	488931-001	633182	156877
054	MSS	489030-001	613715	151940
055	MS	QC1081903	615333	152735
056	MSD	QC1081904	617549	152972
057	PDS	QC1081905	617279	153867
058	SAMPLE	488910-002	642651	158076
059	CCV		618474	150990
060	CCB		635913	158292

Enthalpy Internal Standard Summary for Sequence 673297193

Date:	07/25/23	Reference:	icp data
Sequence:	MET09 07/25/23	Analyzed:	07/25/23 09:13

#	Type	Sample ID	Y A	Y R
061	SAMPLE	488930-001	631975	153528
062	SAMPLE	488930-002	631118	154483
063	BLANK	QC1082057	637939	157293
064	LCS	QC1082058	624198	153493
065	MSS	488984-001	634834	156837
066	MS	QC1082059	629433	153391
067	MSD	QC1082060	630554	154788
068	SAMPLE	488984-003	639625	157709
069	SAMPLE	488984-004	606941	143539
070	SAMPLE	488984-006	605558	147712
071	CCV		588708	144250
072	CCB		605144	151057
073	SAMPLE	488984-007	599729	146788
074	SAMPLE	488969-001	567707	143220
075	SAMPLE	488969-002	573013	147133
076	SAMPLE	488969-003	572692	146602
077	SAMPLE	488969-001	536702	128575
078	SAMPLE	488969-002	545479	131988
079	SAMPLE	488969-003	549986	138833
080	CCV		594395	155414
081	CCB		604383	158608
082	BLANK	QC1081995	613094	161777
083	LCS	QC1081996	601336	159541
084	SAMPLE	489060-002	589853	154085
085	MSS	489043-006	600349	157809
086	MS	QC1081999	594081	155203
087	MSD	QC1082000	590473	154794
088	MDL	469264-069	607097	161736
089	MDL	469264-070	607257	159747
090	CCV		639318	166914
091	CCB		640842	170178
092	SAMPLE	489015-001	623980	163495
093	SAMPLE	489043-001	624999	163272
094	SAMPLE	489043-002	626589	163805
095	SAMPLE	489043-003	619983	164475
096	SAMPLE	489043-004	625278	163682
097	SAMPLE	489043-005	624944	163761
098	CCV		612894	159968
099	CCB		628963	167121
100	BLANK	QC1081958	638963	168971
101	LCS	QC1081959	633571	167586
102	MSS	489051-001	632197	166807
103	MS	QC1081960	636573	169752
104	MSD	QC1081961	638715	170392
105	PDS	QC1081962	635008	167484
106	SAMPLE	489051-002	641330	170016
107	SAMPLE	489051-003	651829	170842
108	SAMPLE	489051-004	641114	168628
109	SAMPLE	489051-005	641319	169852
110	CCV		629733	162150
111	CCB		640403	166629
112	SAMPLE	489039-001	622755	165156

Enthalpy Internal Standard Summary for Sequence 673297193

Date:	07/25/23	Reference:	icp data
Sequence:	MET09 07/25/23	Analyzed:	07/25/23 09:13

#	Type	Sample ID	Y A	Y R
113	SAMPLE	489039-002	593982	112066
114	SAMPLE	489056-002	655498	172930
115	BLANK	QC1081997	651605	172816
116	LCS	QC1081998	638596	171262
117	SAMPLE	488417-001	644675	175499
118	SAMPLE	488417-003	646350	174124
119	SAMPLE	488417-007	626652	166982
120	SAMPLE	488417-011	633904	170798
121	CCV		632152	167874
122	CCB		647485	171717
123	SAMPLE	489051-006	636709	171362
124	MSS	489051-007	632688	171797
125	MS	QC1082001	621639	168714
126	MSD	QC1082002	623161	167821
127	BLANK	QC1081599	613037	158354
128	LCS	QC1081600	605960	160220
129	SAMPLE	488049-002	604588	155074
130	MSS	488119-002	593345	153292
131	MS	QC1082021	588666	154940
132	MSD	QC1082022	590235	153759
133	CCV		626298	164420
134	CCB		636751	162876
135	BLANK	QC1081870	604485	157855
136	LCS	QC1082025	605209	159589
137	MSS	488334-001	602268	158333
138	MS	QC1082066	596201	155154
139	MSD	QC1082067	599765	157483
140	SAMPLE	488376-005	599975	151388
141	SAMPLE	488376-035	583169	149416
142	SAMPLE	488376-040	582860	152716
143	SAMPLE	488480-039	585242	159913
144	BLANK	QC1082042	626370	171197
145	CCV		638206	167533
146	CCB		649366	174284
147	BS	QC1082043	624099	168906
148	BSD	QC1082044	624260	168649
149	SAMPLE	489058-002	615581	165508
150	SAMPLE	489058-004	617696	165230
151	SAMPLE	489058-006	616484	164820
152	SAMPLE	489058-008	623108	165750
153	SAMPLE	489058-010	621129	159765
154	SAMPLE	489058-012	621408	167824
155	SAMPLE	489058-014	621398	166041
156	SAMPLE	489058-015	620262	164065
157	CCV		640125	167611
158	CCB		654011	173749
159	SAMPLE	489058-018	625465	165580
160	SAMPLE	489058-020	616662	165683
161	SAMPLE	489058-022	618403	163953
162	SAMPLE	489058-024	618929	165160
163	SAMPLE	489058-026	619751	166821
164	SAMPLE	489058-028	620853	164708

Enthalpy Internal Standard Summary for Sequence 673297193

Date: 07/25/23 Reference: icp data

Sequence: MET09 07/25/23 Analyzed: 07/25/23 09:13

#	Type	Sample ID	Y A	Y R
165	SAMPLE	489058-031	616552	164396
166	SAMPLE	489058-033	615990	163634
167	SAMPLE	489058-035	616145	164336
168	SAMPLE	489058-037	618003	164540
169	CCV		640881	166914
170	CCB		652750	173281
171	SAMPLE	489058-039	618787	165537
172	SAMPLE	489058-041	626362	164850
173	BLANK	QC1082045	625923	169768
174	BS	QC1082046	624955	169080
175	BSD	QC1082047	625216	168725
176	SAMPLE	489058-043	623742	165666
177	SAMPLE	489058-044	624918	165293
178	SAMPLE	489058-046	624676	166758
179	SAMPLE	489058-047	628173	168701
180	SAMPLE	489059-002	621634	164146
181	CCV		640836	166651
182	CCB		657367	172700
183	SAMPLE	489059-004	617714	165927
184	SAMPLE	489059-006	618283	163637
185	SAMPLE	489059-008	621376	164500
186	SAMPLE	489059-010	624851	166565
187	SAMPLE	489059-013	622747	163754
188	SAMPLE	489059-015	619215	164302
189	SAMPLE	489059-017	619070	162855
190	SAMPLE	489059-020	616122	162553
191	SAMPLE	489059-022	618514	162896
192	SAMPLE	489059-024	620206	164522
193	CCV		650213	169249
194	CCB		662616	176193
195	SAMPLE	489059-025	617609	162710
196	SAMPLE	489059-027	616564	163245
197	SAMPLE	489059-028	618948	165218
198	SAMPLE	489059-030	618233	161437
199	SAMPLE	489059-032	625637	166560
200	BLANK	QC1082048	638034	173144
201	BS	QC1082049	638165	170874
202	BSD	QC1082050	631665	170045
203	SAMPLE	489059-034	617560	162135
204	SAMPLE	489059-035	616113	161825
205	CCV		644361	167690
206	CCB		660003	173584
207	SAMPLE	489059-037	613740	161257
208	SAMPLE	489059-039	616186	162196
209	SAMPLE	489059-041	617273	163452
210	SAMPLE	489059-043	625543	166565
211	SAMPLE	489059-044	626872	165250
212	SAMPLE	489059-046	627897	165834
213	SAMPLE	489059-047	628408	163945
214	BLANK	QC1082051	633796	167714
215	BS	QC1082052	635765	167282
216	BSD	QC1082053	635672	167822

Enthalpy Internal Standard Summary for Sequence 673297193

Date:	07/25/23	Reference:	icp data
Sequence:	MET09 07/25/23	Analyzed:	07/25/23 09:13

#	Type	Sample ID	Y A	Y R
217	CCV		645739	166048
218	CCB		661678	170789
219	SAMPLE	489010-002	615689	161238
220	SAMPLE	489010-003	616943	160558
221	SAMPLE	489010-006	618258	161503
222	SAMPLE	489010-008	613957	161289
223	SAMPLE	489010-010	620079	162081
224	SAMPLE	489010-011	619279	160761
225	SAMPLE	489010-014	618816	161985
226	SAMPLE	489010-016	618916	160832
227	SAMPLE	489010-018	620807	162176
228	SAMPLE	489010-020	617210	162504
229	CCV		649248	165312
230	CCB		664062	172721
231	SAMPLE	489010-022	620032	161889
232	SAMPLE	489010-024	619659	161194
233	CCV		648015	167076
234	CCB		663814	173336

ENTHALPY INITIAL CALIBRATION FOR 489010 METALS Wipe: EPA 6010B

Instrument:	MET09		
Calibration #:	673297193001	Date:	25-JUL-2023 09:13
Units:	mg/L	X Axis:	R

Level	File	Seqnum	Sample ID	Analyzed	Standards
L1	icp data	673297193002	L1	25-JUL-2023 09:16	S18676
L2	icp data	673297193003	L2	25-JUL-2023 09:20	S18675
L3	icp data	673297193004	L3	25-JUL-2023 09:23	S18674
L4	icp data	673297193005	L4	25-JUL-2023 09:26	S18673
L5	icp data	673297193006	L5	25-JUL-2023 09:29	S18672
L6	icp data	673297193007	L6	25-JUL-2023 09:32	S18663

Analyte	Ch	Type	a0	a1	a2	Avg RF	r^2	%RSD	n	Min r^2	Flags
Lead	A	WB1K	-0.0167	1.15E-4		19847	1.000		7	0.995	

Instrument amount = a0 + (response × a1) + (response² × a2)
WB1K: Linear regression with ICALBLK weighting factor of 1000

Analyte	Ch	L1 RF	L2 RF	L3 RF	L4 RF	L5 RF	L6 RF
Lead	A	55851	25380	11027	9227.5	8882.9	8712.4

Spiked Amounts / Drifts	Ch	L1	%D	L2	%D	L3	%D	L4	%D	L5	%D	L6	%D
Lead	A	0.0033	38	0.0100	**23**	0.1000	10	1.0000	4	5.0000	1	10.000	0

ENTHALPY 2ND SOURCE CALIBRATION SUMMARY FOR 489010 METALS Wipe

EPA 6010B

Inst:	MET09		
Calnum:	673297193001	Cal Date:	25-JUL-2023

- ICV 673297193010 (25-JUL-2023) stds: S18628

Analyte	Ch	Spiked	Quant	Units	%D	Max	Flags
Lead	A	1.000	0.9896	mg/L	-1	10	

ENTHALPY INSTRUMENT BLANK FOR 489010 METALS Wipe

EPA 6010B

Inst:	MET09			IDF:	1.0
Seqnum:	673297193012	File:	icp data	Time:	25-JUL-2023 09:48
Cal:	673297193002	Caldate:	25-JUL-2023		

Analyte	Ch	Quant	IQL	LOD	Units	Flags
Lead	A	ND	0.003333	---	mg/L	

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	Abund	%Drift
Yttrium	A	666361	648855	-2.63
Yttrium	R	155962	157889	1.24

ENTHALPY INTERFERENCE CHECK STANDARD A FOR 489010 METALS Wipe

EPA 6010B

Inst:	MET09			IDF:	1.0
Seqnum:	673297193014	File:	icp data	Time:	25-JUL-2023 09:54
Cal:	673297193002	Caldate:	25-JUL-2023		

Standards: S18677

Analyte	Ch	Quant	IQL	Units	Flags
Lead	A	0.01273	0.003333	mg/L	a+ ***

Interferent	Ch	Spiked	Quant	Units	%Rec	Flags
Aluminum	A	400.0	386.8	mg/L	97	
Aluminum as Al2O3	A	755.8	730.9	mg/L	97	
Iron	A	160.0	141.6	mg/L	88	
Iron as Fe2O3	A	228.8	202.4	mg/L	88	
Calcium	R	400.0	377.6	mg/L	94	
Calcium as CaCO3	R	998.9	942.9	mg/L	94	
Magnesium	R	400.0	397.6	mg/L	99	
Magnesium as MgCO3	R	1388	1379	mg/L	99	

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	Abund	%Drift
Yttrium	A	666361	591566	-11.22
Yttrium	R	155962	141986	-8.96

+=high bias a=ICSA

ENTHALPY INTERFERENCE CHECK STANDARD AB FOR 489010 METALS Wipe

EPA 6010B

Inst:	MET09			IDF:	1.0
Seqnum:	673297193015	File:	icp data	Time:	25-JUL-2023 09:57
Cal:	673297193002	Caldate:	25-JUL-2023		

Standards: S18548

Analyte	Ch	Spiked	Quant	Units	%D	Max %D	Flags
Lead	A	1.000	1.041	mg/L	4	20	

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	Abund	%Drift
Yttrium	A	666361	591399	-11.25
Yttrium	R	155962	141888	-9.02

ENTHALPY CONTINUING CALIBRATION FOR 489010 METALS Wipe

EPA 6010B

Inst:	MET09			IDF:	1.0
Seqnum:	673297193205	File:	icp data	Time:	25-JUL-2023 20:00
Cal:	673297193001	Caldate:	25-JUL-2023		

Standards: S18628

Analyte	Ch	Avg RF/CF	RF/CF	Spiked	Quant	Units	%D	Max %D	Flags
Lead	A	19847	9323.3	1.000	1.021	mg/L	2	10	

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	Abund	%Drift
Yttrium	A	666361	644361	-3.30
Yttrium	R	155962	167690	7.52

ENTHALPY INSTRUMENT BLANK FOR 489010 METALS Wipe

EPA 6010B

Inst:	MET09			IDF:	1.0
Seqnum:	673297193206	File:	icp data	Time:	25-JUL-2023 20:03
Cal:	673297193001	Caldate:	25-JUL-2023		

Analyte	Ch	Quant	IQL	LOD	Units	Flags
Lead	A	ND	0.003333	---	mg/L	

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	Abund	%Drift
Yttrium	A	666361	660003	-0.95
Yttrium	R	155962	173584	11.30

ENTHALPY CONTINUING CALIBRATION FOR 489010 METALS Wipe

EPA 6010B

Inst:	MET09			IDF:	1.0
Seqnum:	673297193217	File:	icp data	Time:	25-JUL-2023 20:37
Cal:	673297193001	Caldate:	25-JUL-2023		

Standards: S18628

Analyte	Ch	Avg RF/CF	RF/CF	Spiked	Quant	Units	%D	Max %D	Flags
Lead	A	19847	9301.4	1.000	1.019	mg/L	2	10	

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	Abund	%Drift
Yttrium	A	666361	645739	-3.09
Yttrium	R	155962	166048	6.47

ENTHALPY INSTRUMENT BLANK FOR 489010 METALS Wipe

EPA 6010B

Inst:	MET09			IDF:	1.0
Seqnum:	673297193218	File:	icp data	Time:	25-JUL-2023 20:41
Cal:	673297193001	Caldate:	25-JUL-2023		

Analyte	Ch	Quant	IQL	LOD	Units	Flags
Lead	A	ND	0.003333	---	mg/L	

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	Abund	%Drift
Yttrium	A	666361	661678	-0.70
Yttrium	R	155962	170789	9.51

ENTHALPY CONTINUING CALIBRATION FOR 489010 METALS Wipe

EPA 6010B

Inst:	MET09			IDF:	1.0
Seqnum:	673297193229	File:	icp data	Time:	25-JUL-2023 21:15
Cal:	673297193001	Caldate:	25-JUL-2023		

Standards: S18628

Analyte	Ch	Avg RF/CF	RF/CF	Spiked	Quant	Units	%D	Max %D	Flags
Lead	A	19847	9255.4	1.000	1.014	mg/L	1	10	

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	Abund	%Drift
Yttrium	A	666361	649248	-2.57
Yttrium	R	155962	165312	5.99

ENTHALPY INSTRUMENT BLANK FOR 489010 METALS Wipe

EPA 6010B

Inst:	MET09			IDF:	1.0
Seqnum:	673297193230	File:	icp data	Time:	25-JUL-2023 21:18
Cal:	673297193001	Caldate:	25-JUL-2023		

Analyte	Ch	Quant	IQL	LOD	Units	Flags
Lead	A	ND	0.003333	---	mg/L	

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	Abund	%Drift
Yttrium	A	666361	664062	-0.34
Yttrium	R	155962	172721	10.75

ENTHALPY CONTINUING CALIBRATION FOR 489010 METALS Wipe

EPA 6010B

Inst:	MET09			IDF:	1.0
Seqnum:	673297193233	File:	icp data	Time:	25-JUL-2023 21:28
Cal:	673297193001	Caldate:	25-JUL-2023		

Standards: S18628

Analyte	Ch	Avg RF/CF	RF/CF	Spiked	Quant	Units	%D	Max %D	Flags
Lead	A	19847	9253.1	1.000	1.013	mg/L	1	10	

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	Abund	%Drift
Yttrium	A	666361	648015	-2.75
Yttrium	R	155962	167076	7.13

ENTHALPY INSTRUMENT BLANK FOR 489010 METALS Wipe

EPA 6010B

Inst:	MET09			IDF:	1.0
Seqnum:	673297193234	File:	icp data	Time:	25-JUL-2023 21:31
Cal:	673297193001	Caldate:	25-JUL-2023		

Analyte	Ch	Quant	IQL	LOD	Units	Flags
Lead	A	ND	0.003333	---	mg/L	

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	Abund	%Drift
Yttrium	A	666361	663814	-0.38
Yttrium	R	155962	173336	11.14

SAMPLE PREPARATION SUMMARY

Batch #:	318869	Method:	3050B	Analysis:	ICP
Started By:	MLL	Prep Date:	25-JUL-2023 16:16	Finished By:	MLL

Sample	Matrix	Initial	Final	Prep DF	pH	Spike S18277	Spike S18278	Analysis
489010-002	Wipe	1 ft2	50 mL	50.0				6010
489010-003	Wipe	1 ft2	50 mL	50.0				6010
489010-006	Wipe	1 ft2	50 mL	50.0				6010
489010-008	Wipe	1 ft2	50 mL	50.0				6010
489010-010	Wipe	1 ft2	50 mL	50.0				6010
489010-011	Wipe	1 ft2	50 mL	50.0				6010
489010-014	Wipe	1 ft2	50 mL	50.0				6010
489010-016	Wipe	1 ft2	50 mL	50.0				6010
489010-018	Wipe	1 ft2	50 mL	50.0				6010
489010-020	Wipe	1 ft2	50 mL	50.0				6010
489010-022	Wipe	1 ft2	50 mL	50.0				6010
489010-024	Wipe	1 ft2	50 mL	50.0				6010
QC1082051 BLANK	Wipe	1 ft2	50 mL	50.0				ICP
QC1082052 BS	Wipe	1 ft2	50 mL	50.0		.5 mL	.5 mL	ICP
QC1082053 BSD	Wipe	1 ft2	50 mL	50.0		.5 mL	.5 mL	ICP

Analyst: SBW 07/26/23

Reviewer: MCP 07/26/23

ICP Prep Log for Soils

Initials: ML/ENT Prep Method: 3050B QC Batch #: 318869 Therm ID/Corr Factor: 94265/0

Prep Start, Date/Time: 7-25-23 16:16 Prep End, Date/Time: 7-25-23 18:19 HotBlock Temp (Obs/Cor), °C: 92/92

HotBlock ID: 3

Sample ID	Bottle #	Sample pH (Water Only)	Sample Appearance	Initial Weight (g)	Bal. ID	Final Vol (mL)	Digestion Tube Lot#	Comment
Blank	-----	-----	-----					
LCS / LCSD	-----	-----	-----					
489010-2			wipe					
-3			↓					
-6								
-8								
-10								
-11								
-14								
-16								
-18								
-20								
-22								
-24			↓					

D> 7-25-23

Hydrochloric Acid ID: 10ml 24000043

Nitric Acid ID: 10ml 2023040496

H_2O_2 ID: 3ml 031003

LCS Spike ID: 0.5ml 518277, 518278

MS/MSD Spike ID: ↓

ICP Prep Log for Soils

Initials: ML/ENT Prep Method: 3050B QC Batch #: 318869 Therm ID/Corr Factor: 94265/0

Prep Start, Date/Time: 7-25-23 16:16 Prep End, Date/Time: 7-25-23 18:19 HotBlock Temp (Obs/Cor), °C: 92/92

HotBlock ID: 3

Sample ID	Bottle #	Sample pH (Water Only)	Sample Appearance	Initial Weight (g)	Bal. ID	Final Vol (mL)	Digestion Tube Lot#	Comment
Blank	-----	-----	-----			SD		
LCS / LCSD	-----	-----	-----			↓		
489010-2			wipe					
-3			↓					
-6								
-8								
-10								
-11								
-14								
-16								
-18								
-20								
-22								
-24			↓			↓	7/26/23	

7-25-23

Hydrochloric Acid ID: 10ml 24000043

Nitric Acid ID: 10ml 2023040496

H_2O_2 ID: 3ml 031003

LCS Spike ID: 0.5ml 518277, 518278

MS/MSD Spike ID: ↓

ICP Raw Data

Enthalpy Sequence Summary for Sequence 673297193

Instrument: MET09 Begun: 07/25/23 09:13

Method: EPA 6010B

#	File	Type	Sample ID	Matrix	Batch	Analyzed	IDF	Stds Used	
001	icp data	ICALBLK				07/25/23 09:13	1.0		
002	icp data	ICAL	L1			07/25/23 09:16	1.0	1	
003	icp data	ICAL	L2			07/25/23 09:20	1.0	2	
004	icp data	ICAL	L3			07/25/23 09:23	1.0	3	
005	icp data	ICAL	L4			07/25/23 09:26	1.0	4	
006	icp data	ICAL	L5			07/25/23 09:29	1.0	5	
007	icp data	ICAL	L6			07/25/23 09:32	1.0	6	
008	icp data	ICAL	L7			07/25/23 09:35	1.0	7	
009	icp data	ICAL	L8			07/25/23 09:38	1.0	8	
010	icp data	ICV				07/25/23 09:41	1.0	9	
011	icp data	ICV				07/25/23 09:45	1.0	10	
012	icp data	ICB				07/25/23 09:48	1.0		
013	icp data	CRI				07/25/23 09:51	1.0	11	
014	icp data	ICSA				07/25/23 09:54	1.0	12	6:MGASMGCO3=1400
015	icp data	ICSAB				07/25/23 09:57	1.0	13	6:MGASMGCO3=1400
016	icp data	BLANK	QC1081823	Filtrate	318790	07/25/23 10:00	1.0	14	
017	icp data	BS	QC1081824	Filtrate	318790	07/25/23 10:03	1.0	14	
018	icp data	BSD	QC1081825	Filtrate	318790	07/25/23 10:06	1.0	14	
019	icp data	SAMPLE	487525-001	Filtrate	318790	07/25/23 10:10	10.0	14	
020	icp data	SAMPLE	487525-001	Filtrate	318790	07/25/23 10:14	2.0	14	
021	icp data	CCV				07/25/23 10:16	1.0	10	
022	icp data	CCB				07/25/23 10:19	1.0		
023	icp data	CCV				07/25/23 10:22	1.0	9	
024	icp data	CCB				07/25/23 10:25	1.0		
025	icp data	BLANK	QC1081991	Drinking Water	318847	07/25/23 10:28	1.0	14	
026	icp data	LCS	QC1081992	Drinking Water	318847	07/25/23 10:32	1.0	14	
027	icp data	MSS	489057-001	Drinking Water	318847	07/25/23 10:35	1.0	14	
028	icp data	MS	QC1081993	Drinking Water	318847	07/25/23 10:38	1.0	14	
029	icp data	MSD	QC1081994	Drinking Water	318847	07/25/23 10:41	1.0	14	
030	icp data	SAMPLE	489060-001	Drinking Water	318847	07/25/23 10:44	1.0	14	
031	icp data	SAMPLE	489061-001	Drinking Water	318847	07/25/23 10:47	1.0	14	
032	icp data	SAMPLE	489062-001	Drinking Water	318847	07/25/23 10:50	1.0	14	
033	icp data	LCS	QC1081835	Filtrate	318794	07/25/23 10:53	1.0	14	
034	icp data	SAMPLE	488952-001	Filtrate	318794	07/25/23 10:57	1.0	14	1:CA=1000
035	icp data	CCV				07/25/23 11:00	1.0	9	
036	icp data	CCB				07/25/23 11:03	1.0		
037	icp data	LCS	QC1081839	Water	318795	07/25/23 11:06	1.0	14	
038	icp data	MSS	488904-001	Water	318795	07/25/23 11:09	1.0	14	1:B=45
039	icp data	MS	QC1081840	Water	318795	07/25/23 11:12	1.0	14	1:B=45
040	icp data	MSD	QC1081841	Water	318795	07/25/23 11:15	1.0	14	1:B=46
041	icp data	SAMPLE	488860-001	Soil	318771	07/25/23 11:18	10.0	14	1:FE=32
042	icp data	BLANK	QC1081817	Water	318789	07/25/23 11:21	1.0	14	
043	icp data	LCS	QC1081818	Water	318789	07/25/23 11:25	1.0	14	
044	icp data	SAMPLE	488786-002	Water	318789	07/25/23 11:28	1.0	14	1:FE=21
045	icp data	SAMPLE	488921-001	Water	318789	07/25/23 11:31	1.0	14	1:FE=39
046	icp data	MSS	488922-023	Water	318789	07/25/23 11:34	1.0	14	
047	icp data	CCV				07/25/23 11:37	1.0	9	
048	icp data	CCB				07/25/23 11:40	1.0		
049	icp data	MS	QC1081819	Water	318789	07/25/23 11:43	1.0	14	
050	icp data	MSD	QC1081820	Water	318789	07/25/23 11:46	1.0	14	

Enthalpy Sequence Summary for Sequence 673297193

Instrument: MET09 Begun: 07/25/23 09:13

Method: EPA 6010B

#	File	Type	Sample ID	Matrix	Batch	Analyzed	IDF	Stds Used	
051	icp data	BLANK	QC1081901	Soil	318822	07/25/23 11:50	1.0	14	
052	icp data	LCS	QC1081902	Soil	318822	07/25/23 11:53	1.0	14	
053	icp data	SAMPLE	488931-001	Soil	318822	07/25/23 11:56	1.0	14	2:FE=290
054	icp data	MSS	489030-001	Soil	318822	07/25/23 11:59	1.0	14	6:CAASCACO3=870
055	icp data	MS	QC1081903	Soil	318822	07/25/23 12:02	1.0	14	6:CAASCACO3=840
056	icp data	MSD	QC1081904	Soil	318822	07/25/23 12:05	1.0	14	6:CAASCACO3=950
057	icp data	PDS	QC1081905	Soil	318822	07/25/23 12:08	1.0	14	6:CAASCACO3=850
058	icp data	SAMPLE	488910-002	Drinking Water	318847	07/25/23 12:11	1.0	14	
059	icp data	CCV				07/25/23 12:15	1.0	9	
060	icp data	CCB				07/25/23 12:18	1.0		
061	icp data	SAMPLE	488930-001	Drinking Water	318847	07/25/23 12:21	1.0	14	
062	icp data	SAMPLE	488930-002	Drinking Water	318847	07/25/23 12:24	1.0	14	
063	icp data	BLANK	QC1082057	Drinking Water	318872	07/25/23 12:28	1.0	14	
064	icp data	LCS	QC1082058	Drinking Water	318872	07/25/23 12:31	1.0	14	
065	icp data	MSS	488984-001	Drinking Water	318872	07/25/23 12:34	1.0	14	
066	icp data	MS	QC1082059	Drinking Water	318872	07/25/23 12:37	1.0	14	
067	icp data	MSD	QC1082060	Drinking Water	318872	07/25/23 12:40	1.0	14	
068	icp data	SAMPLE	488984-003	Drinking Water	318872	07/25/23 12:43	1.0	14	
069	icp data	SAMPLE	488984-004	Drinking Water	318872	07/25/23 12:46	1.0	14	
070	icp data	SAMPLE	488984-006	Drinking Water	318872	07/25/23 12:49	1.0	14	
071	icp data	CCV				07/25/23 12:53	1.0	9	
072	icp data	CCB				07/25/23 12:56	1.0		
073	icp data	SAMPLE	488984-007	Drinking Water	318872	07/25/23 12:59	1.0	14	
074	icp data	SAMPLE	488969-001	Water	318789	07/25/23 13:02	10.0	14	1:NA=1500
075	icp data	SAMPLE	488969-002	Water	318789	07/25/23 13:05	10.0	14	1:NA=1600
076	icp data	SAMPLE	488969-003	Water	318789	07/25/23 13:08	10.0	14	1:NA=950
077	icp data	SAMPLE	488969-001	Water	318789	07/25/23 13:11	1.0	14	1:MG=1500
078	icp data	SAMPLE	488969-002	Water	318789	07/25/23 13:14	1.0	14	1:MG=1600
079	icp data	SAMPLE	488969-003	Water	318789	07/25/23 13:17	1.0	14	1:MG=970
080	icp data	CCV				07/25/23 13:21	1.0	9	
081	icp data	CCB				07/25/23 13:24	1.0		
082	icp data	BLANK	QC1081995	Water	318848	07/25/23 13:26	1.0	14	
083	icp data	LCS	QC1081996	Water	318848	07/25/23 13:29	1.0	14	
084	icp data	SAMPLE	489060-002	Sea Water	318848	07/25/23 13:32	25.0	14	
085	icp data	MSS	489043-006	Water	318848	07/25/23 13:36	1.0	14	
086	icp data	MS	QC1081999	Water	318848	07/25/23 13:39	1.0	14	
087	icp data	MSD	QC1082000	Water	318848	07/25/23 13:42	1.0	14	
088	icp data	MDL	469264-069	Water	316537	07/25/23 13:45	1.0	14	
089	icp data	MDL	469264-070	Water	316537	07/25/23 13:48	1.0	14	
090	icp data	CCV				07/25/23 13:53	1.0	9	
091	icp data	CCB				07/25/23 13:56	1.0		
092	icp data	SAMPLE	489015-001	Water	318848	07/25/23 13:59	1.0	14	
093	icp data	SAMPLE	489043-001	Water	318848	07/25/23 14:02	1.0	14	
094	icp data	SAMPLE	489043-002	Water	318848	07/25/23 14:06	1.0	14	
095	icp data	SAMPLE	489043-003	Water	318848	07/25/23 14:09	1.0	14	
096	icp data	SAMPLE	489043-004	Water	318848	07/25/23 14:12	1.0	14	
097	icp data	SAMPLE	489043-005	Water	318848	07/25/23 14:14	1.0	14	
098	icp data	CCV				07/25/23 14:17	1.0	9	
099	icp data	CCB				07/25/23 14:20	1.0		
100	icp data	BLANK	QC1081958	Soil	318839	07/25/23 14:24	1.0	14	

Enthalpy Sequence Summary for Sequence 673297193

Instrument: MET09 Begun: 07/25/23 09:13

Method: EPA 6010B

#	File	Type	Sample ID	Matrix	Batch	Analyzed	IDF	Stds Used	
101	icp data	LCS	QC1081959	Soil	318839	07/25/23 14:27	1.0	14	
102	icp data	MSS	489051-001	Soil	318839	07/25/23 14:30	1.0	14	5:ALASAL2O3=300
103	icp data	MS	QC1081960	Soil	318839	07/25/23 14:33	1.0	14	5:ALASAL2O3=350
104	icp data	MSD	QC1081961	Soil	318839	07/25/23 14:36	1.0	14	5:ALASAL2O3=350
105	icp data	PDS	QC1081962	Soil	318839	07/25/23 14:39	1.0	14	5:ALASAL2O3=300
106	icp data	SAMPLE	489051-002	Soil	318839	07/25/23 14:42	1.0	14	3:FE=210
107	icp data	SAMPLE	489051-003	Soil	318839	07/25/23 14:45	1.0	14	3:FE=200
108	icp data	SAMPLE	489051-004	Soil	318839	07/25/23 14:49	1.0	14	3:FE=220
109	icp data	SAMPLE	489051-005	Soil	318839	07/25/23 14:52	1.0	14	3:FE=210
110	icp data	CCV				07/25/23 14:55	1.0	9	
111	icp data	CCB				07/25/23 14:58	1.0		
112	icp data	SAMPLE	489039-001	Soil	318839	07/25/23 15:01	1.0	14	2:AL=120
113	icp data	SAMPLE	489039-002	Soil	318839	07/25/23 15:04	1.0	14	2:AL=160
114	icp data	SAMPLE	489056-002	Soil	318839	07/25/23 15:16	1.0	14	2:FE=120
115	icp data	BLANK	QC1081997	Water	318849	07/25/23 15:19	1.0	14	
116	icp data	LCS	QC1081998	Water	318849	07/25/23 15:22	1.0	14	
117	icp data	SAMPLE	488417-001	Water	318849	07/25/23 15:25	1.0	14	
118	icp data	SAMPLE	488417-003	Water	318849	07/25/23 15:28	1.0	14	
119	icp data	SAMPLE	488417-007	Water	318849	07/25/23 15:31	1.0	14	
120	icp data	SAMPLE	488417-011	Water	318849	07/25/23 15:34	1.0	14	
121	icp data	CCV				07/25/23 15:37	1.0	9	
122	icp data	CCB				07/25/23 15:41	1.0		
123	icp data	SAMPLE	489051-006	Water	318849	07/25/23 15:44	1.0	14	
124	icp data	MSS	489051-007	Water	318849	07/25/23 15:47	1.0	14	
125	icp data	MS	QC1082001	Water	318849	07/25/23 15:50	1.0	14	
126	icp data	MSD	QC1082002	Water	318849	07/25/23 15:53	1.0	14	
127	icp data	BLANK	QC1081599	TCLP Leachate	318726	07/25/23 15:56	1.0	14	1:NA=1100
128	icp data	LCS	QC1081600	TCLP Leachate	318726	07/25/23 15:59	1.0	14	1:NA=1100
129	icp data	SAMPLE	488049-002	TCLP Leachate	318726	07/25/23 16:02	1.0	14	1:NA=1100
130	icp data	MSS	488119-002	TCLP Leachate	318726	07/25/23 16:06	1.0	14	2:CAASCACO3=1500
131	icp data	MS	QC1082021	TCLP Leachate	318726	07/25/23 16:09	1.0	14	2:CAASCACO3=1400
132	icp data	MSD	QC1082022	TCLP Leachate	318726	07/25/23 16:12	1.0	14	2:CAASCACO3=1400
133	icp data	CCV				07/25/23 16:15	1.0	9	
134	icp data	CCB				07/25/23 16:18	1.0		
135	icp data	BLANK	QC1081870	TCLP Leachate	318810	07/25/23 16:21	1.0	14	1:NA=1100
136	icp data	LCS	QC1082025	TCLP Leachate	318810	07/25/23 16:24	1.0	14	1:NA=1100
137	icp data	MSS	488334-001	TCLP Leachate	318810	07/25/23 16:27	1.0	14	1:NA=1000
138	icp data	MS	QC1082066	TCLP Leachate	318810	07/25/23 16:30	1.0	14	1:NA=1100
139	icp data	MSD	QC1082067	TCLP Leachate	318810	07/25/23 16:34	1.0	14	1:NA=1100
140	icp data	SAMPLE	488376-005	TCLP Leachate	318810	07/25/23 16:37	1.0	14	1:NA=1100
141	icp data	SAMPLE	488376-035	TCLP Leachate	318810	07/25/23 16:40	1.0	14	1:NA=1100
142	icp data	SAMPLE	488376-040	TCLP Leachate	318810	07/25/23 16:43	1.0	14	1:NA=1100
143	icp data	SAMPLE	488480-039	TCLP Leachate	318810	07/25/23 16:46	1.0	14	1:NA=1000
144	icp data	BLANK	QC1082042	Wipe	318866	07/25/23 16:49	1.0	14	
145	icp data	CCV				07/25/23 16:52	1.0	9	
146	icp data	CCB				07/25/23 16:55	1.0		
147	icp data	BS	QC1082043	Wipe	318866	07/25/23 16:59	1.0	14	
148	icp data	BSD	QC1082044	Wipe	318866	07/25/23 17:02	1.0	14	
149	icp data	SAMPLE	489058-002	Wipe	318866	07/25/23 17:05	1.0	14	1:FE=110
150	icp data	SAMPLE	489058-004	Wipe	318866	07/25/23 17:08	1.0	14	1:FE=88

Enthalpy Sequence Summary for Sequence 673297193

Instrument: MET09 Begun: 07/25/23 09:13

Method: EPA 6010B

#	File	Type	Sample ID	Matrix	Batch	Analyzed	IDF	Stds Used	
151	icp data	SAMPLE	489058-006	Wipe	318866	07/25/23 17:11	1.0	14	1:FE=77
152	icp data	SAMPLE	489058-008	Wipe	318866	07/25/23 17:14	1.0	14	1:FE=92
153	icp data	SAMPLE	489058-010	Wipe	318866	07/25/23 17:17	1.0	14	1:FE=140
154	icp data	SAMPLE	489058-012	Wipe	318866	07/25/23 17:20	1.0	14	1:FE=90
155	icp data	SAMPLE	489058-014	Wipe	318866	07/25/23 17:23	1.0	14	1:FE=120
156	icp data	SAMPLE	489058-015	Wipe	318866	07/25/23 17:27	1.0	14	1:FE=83
157	icp data	CCV				07/25/23 17:30	1.0	9	
158	icp data	CCB				07/25/23 17:33	1.0		
159	icp data	SAMPLE	489058-018	Wipe	318866	07/25/23 17:36	1.0	14	1:FE=92
160	icp data	SAMPLE	489058-020	Wipe	318866	07/25/23 17:39	1.0	14	1:FE=100
161	icp data	SAMPLE	489058-022	Wipe	318866	07/25/23 17:42	1.0	14	1:FE=140
162	icp data	SAMPLE	489058-024	Wipe	318866	07/25/23 17:45	1.0	14	1:FE=91
163	icp data	SAMPLE	489058-026	Wipe	318866	07/25/23 17:48	1.0	14	1:FE=100
164	icp data	SAMPLE	489058-028	Wipe	318866	07/25/23 17:52	1.0	14	1:FE=92
165	icp data	SAMPLE	489058-031	Wipe	318866	07/25/23 17:55	1.0	14	1:FE=57
166	icp data	SAMPLE	489058-033	Wipe	318866	07/25/23 17:58	1.0	14	1:FE=84
167	icp data	SAMPLE	489058-035	Wipe	318866	07/25/23 18:01	1.0	14	2:FE=78
168	icp data	SAMPLE	489058-037	Wipe	318866	07/25/23 18:04	1.0	14	1:FE=74
169	icp data	CCV				07/25/23 18:07	1.0	9	
170	icp data	CCB				07/25/23 18:10	1.0		
171	icp data	SAMPLE	489058-039	Wipe	318866	07/25/23 18:14	1.0	14	1:FE=70
172	icp data	SAMPLE	489058-041	Wipe	318866	07/25/23 18:17	1.0	14	1:FE=57
173	icp data	BLANK	QC1082045	Wipe	318867	07/25/23 18:20	1.0	14	
174	icp data	BS	QC1082046	Wipe	318867	07/25/23 18:23	1.0	14	
175	icp data	BSD	QC1082047	Wipe	318867	07/25/23 18:26	1.0	14	
176	icp data	SAMPLE	489058-043	Wipe	318867	07/25/23 18:29	1.0	14	
177	icp data	SAMPLE	489058-044	Wipe	318867	07/25/23 18:32	1.0	14	
178	icp data	SAMPLE	489058-046	Wipe	318867	07/25/23 18:35	1.0	14	
179	icp data	SAMPLE	489058-047	Wipe	318867	07/25/23 18:39	1.0	14	
180	icp data	SAMPLE	489059-002	Wipe	318867	07/25/23 18:42	1.0	14	1:FE=95
181	icp data	CCV				07/25/23 18:45	1.0	9	
182	icp data	CCB				07/25/23 18:48	1.0		
183	icp data	SAMPLE	489059-004	Wipe	318867	07/25/23 18:51	1.0	14	1:FE=80
184	icp data	SAMPLE	489059-006	Wipe	318867	07/25/23 18:54	1.0	14	1:FE=80
185	icp data	SAMPLE	489059-008	Wipe	318867	07/25/23 18:57	1.0	14	1:FE=43
186	icp data	SAMPLE	489059-010	Wipe	318867	07/25/23 19:00	1.0	14	1:FE=50
187	icp data	SAMPLE	489059-013	Wipe	318867	07/25/23 19:04	1.0	14	1:FE=100
188	icp data	SAMPLE	489059-015	Wipe	318867	07/25/23 19:07	1.0	14	1:FE=69
189	icp data	SAMPLE	489059-017	Wipe	318867	07/25/23 19:10	1.0	14	1:FE=76
190	icp data	SAMPLE	489059-020	Wipe	318867	07/25/23 19:13	1.0	14	1:FE=100
191	icp data	SAMPLE	489059-022	Wipe	318867	07/25/23 19:16	1.0	14	1:FE=82
192	icp data	SAMPLE	489059-024	Wipe	318867	07/25/23 19:19	1.0	14	1:FE=28
193	icp data	CCV				07/25/23 19:22	1.0	9	
194	icp data	CCB				07/25/23 19:25	1.0		
195	icp data	SAMPLE	489059-025	Wipe	318867	07/25/23 19:29	1.0	14	1:FE=33
196	icp data	SAMPLE	489059-027	Wipe	318867	07/25/23 19:32	1.0	14	1:FE=150
197	icp data	SAMPLE	489059-028	Wipe	318867	07/25/23 19:35	1.0	14	1:FE=120
198	icp data	SAMPLE	489059-030	Wipe	318867	07/25/23 19:38	1.0	14	1:FE=120
199	icp data	SAMPLE	489059-032	Wipe	318867	07/25/23 19:41	1.0	14	3:FE=140
200	icp data	BLANK	QC1082048	Wipe	318868	07/25/23 19:44	1.0	14	

Enthalpy Sequence Summary for Sequence 673297193

Instrument: MET09 Begun: 07/25/23 09:13
Method: EPA 6010B

#	File	Type	Sample ID	Matrix	Batch	Analyzed	IDF	Stds Used	
201	icp data	BS	QC1082049	Wipe	318868	07/25/23 19:47	1.0	14	
202	icp data	BSD	QC1082050	Wipe	318868	07/25/23 19:51	1.0	14	
203	icp data	SAMPLE	489059-034	Wipe	318868	07/25/23 19:54	1.0	14	1:FE=120
204	icp data	SAMPLE	489059-035	Wipe	318868	07/25/23 19:57	1.0	14	1:FE=94
205	icp data	CCV				07/25/23 20:00	1.0	9	
206	icp data	CCB				07/25/23 20:03	1.0		
207	icp data	SAMPLE	489059-037	Wipe	318868	07/25/23 20:06	1.0	14	1:FE=120
208	icp data	SAMPLE	489059-039	Wipe	318868	07/25/23 20:09	1.0	14	1:FE=150
209	icp data	SAMPLE	489059-041	Wipe	318868	07/25/23 20:12	1.0	14	1:FE=68
210	icp data	SAMPLE	489059-043	Wipe	318868	07/25/23 20:16	1.0	14	
211	icp data	SAMPLE	489059-044	Wipe	318868	07/25/23 20:19	1.0	14	
212	icp data	SAMPLE	489059-046	Wipe	318868	07/25/23 20:22	1.0	14	
213	icp data	SAMPLE	489059-047	Wipe	318868	07/25/23 20:25	1.0	14	
214	icp data	BLANK	QC1082051	Wipe	318869	07/25/23 20:28	1.0	14	
215	icp data	BS	QC1082052	Wipe	318869	07/25/23 20:31	1.0	14	
216	icp data	BSD	QC1082053	Wipe	318869	07/25/23 20:34	1.0	14	
217	icp data	CCV				07/25/23 20:37	1.0	9	
218	icp data	CCB				07/25/23 20:41	1.0		
219	icp data	SAMPLE	489010-002	Wipe	318869	07/25/23 20:44	1.0	14	1:FE=46
220	icp data	SAMPLE	489010-003	Wipe	318869	07/25/23 20:47	1.0	14	1:FE=69
221	icp data	SAMPLE	489010-006	Wipe	318869	07/25/23 20:50	1.0	14	1:FE=62
222	icp data	SAMPLE	489010-008	Wipe	318869	07/25/23 20:53	1.0	14	1:FE=97
223	icp data	SAMPLE	489010-010	Wipe	318869	07/25/23 20:56	1.0	14	1:FE=62
224	icp data	SAMPLE	489010-011	Wipe	318869	07/25/23 20:59	1.0	14	1:FE=65
225	icp data	SAMPLE	489010-014	Wipe	318869	07/25/23 21:03	1.0	14	1:FE=110
226	icp data	SAMPLE	489010-016	Wipe	318869	07/25/23 21:06	1.0	14	1:FE=63
227	icp data	SAMPLE	489010-018	Wipe	318869	07/25/23 21:09	1.0	14	1:FE=70
228	icp data	SAMPLE	489010-020	Wipe	318869	07/25/23 21:12	1.0	14	1:FE=91
229	icp data	CCV				07/25/23 21:15	1.0	9	
230	icp data	CCB				07/25/23 21:18	1.0		
231	icp data	SAMPLE	489010-022	Wipe	318869	07/25/23 21:21	1.0	14	1:FE=110
232	icp data	SAMPLE	489010-024	Wipe	318869	07/25/23 21:24	1.0	14	1:FE=90
233	icp data	CCV				07/25/23 21:28	1.0	9	
234	icp data	CCB				07/25/23 21:31	1.0		

SBW 07/26/23 : I verified that the vials loaded on the instrument matched the sequence data entry, for runs 001 through 234.

Standards Used:
1=S18676 2=S18675 3=S18674 4=S18673 5=S18672 6=S18663 7=S18629 8=S18547 9=S18628 10=S16826 11=S18627 12=S18677 13=S18548 14=S14463

ENTHALPY SAMPLE USER REPORT FOR EPA 6010B

Inst:	MET09	Lab ID:	489010-002	Client ID:	AFRAME-C6W-MED-L3-EXT-1 TO 2-230724-L-WF
Seqnum:	673297193219.1	Matrix:	Wipe	Acct:	RINCON-BERK (JG)
File:	icp data	Batch:	318869	Time:	25-JUL-2023 20:44
Cal:	673297193001	Caldate:	25-JUL-2023		
IDF:	1.0	Raw Units:	mg/L	Units:	ug/ft2

- 1.00 ft2 ⇨ 50.0 ml = 50.0 ml/ft2 PDF

Analyte	Ch	Raw	Result	RL	Blank	Flags
Lead	A	1.113	56	0.50		!<a+ u

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	SAMPLE Abund	%Drift
Yttrium	A	666361	615689	-7.60

!=warning +=high bias <=opening a=ICSA u=use

Instrument ID: MET09

Label:	489010-002,318869	Rack:Tube:	3:51	Type:	Sample
Date Time:	7/25/2023 8:44:14 PM	Weight:	1	Volume:	1
Dilution:	1	%RSE limit:	-	Calibration Coefficient [3]:	-
LIMSID:		Customer:		Customer Ref.:	
Sample Date Time:		Sample Site:		Description:	
Replicates:	3				

Element	Element Label	Flags	Unadjusted Data	Concentration	Unit	Intensity	Concentration SD	Concentration % RSD	Intensity SD	Intensity % RSD	%RSE	Internal Standard	Calibration fit	Correlation coefficient	Background correction	Calibration Coefficient [1]	Calibration Coefficient [2]	Concentration Replicate 1
Ag 328.068	Ag	n	0.00046460	0.00046460	mg/L	572.49664278	0.00018093	38.94398266	15.86597255	2.77		Y (371.029 nm)	Linear	1.00000	Fitted	572.502077445868	87689.9995285448	0.00056778
Al 396.152	Al	n	1.69745342	1.69745342	mg/L	67268.91954398	0.02249284	1.32509302	875.48800304	1.30	15.39233378	Y (371.029 nm)	Linear	0.99998	Fitted	1205.56470480183	38922.9696497508	1.67149743
As 188.980	As	n	0.02382103	0.02382103	mg/L	169.04927495	0.00148315	6.22623720	8.12116545	4.80	2.71184674	Y (371.029 nm)	Linear	0.99996	Fitted	37.5874680560493	5475.60572556616	0.02218424
B 249.678	B	n	0.01074276	0.01074276	mg/L	728.48959504	0.00041994	3.90908184	15.09442380	2.07	4.67623197	Y (371.029 nm)	Linear	1.00000	Fitted	355.723406422493	35943.960009001	0.01084218
Ba 230.424	Ba	n	0.01014165	0.01014165	mg/L	1184.31727906	0.00020264	1.99807497	16.83450935	1.42	2.99500977	Y (371.029 nm)	Linear	0.99991	Fitted	320.944546456498	83076.8287015984	0.01032632
Be 313.107	Be	nu	-0.00003999	-0.00003999	mg/L	194.59402030	0.00001907	47.70234975	52.34818667	26.90	1.07961226	Y (371.029 nm)	Linear	1.00000	Fitted	314.299724647743	2744424.42090531	-0.00002452
Ca 317.933	Ca-R	n	7.63914693	7.63914693	mg/L	123259.75966328	0.11473752	1.50196769	1820.93193198	1.48	22.37721428	Y-R (371.029 nm)	Linear	0.99999	Fitted	1769.7142084379	15870.4140866595	7.59834603
Cd 214.439	Cd	nu	-0.00001652	-0.00001652	mg/L	99.63672305	0.00004376	264.88473819	9.46516249	9.50	5.62394238	Y (371.029 nm)	Linear	0.99972	Fitted	-26.0550294873418	216311.862822474	-0.00004133
Co 230.786	Co	n	0.00855845	0.00855845	mg/L	391.39761922	0.00034938	4.08232167	13.74069749	3.51	19.02338365	Y (371.029 nm)	Linear	0.99997	Fitted	43.7782215927577	39328.4199063949	0.00824925
Cr 267.716	Cr	n	0.02013608	0.02013608	mg/L	1484.57028452	0.00037313	1.85301831	27.05149931	1.82	5.55970103	Y (371.029 nm)	Linear	0.99997	Off-Peak Left+Right	20.1266331741009	72499.7904484812	0.01973533
Cu 324.754	Cu	n	0.14662389	0.14662389	mg/L	6975.34017480	0.00081145	0.55342422	35.56710316	0.51	21.24684838	Y (371.029 nm)	Linear	0.99992	Fitted	588.557197910467	43831.4262423811	0.14569371
Fe 259.940	Fe	no	45.78659090	45.78659090	mg/L	3112189.85323773	0.60170746	1.31415651	40898.60436447	1.31	10.61972193	Y (371.029 nm)	Linear	0.99994	Off-Peak Left+Right	36.5546132684872	67970.91086477	45.10790634
K 766.491	K-R	n	2.11758749	2.11758749	mg/L	3480.85441940	0.02402723	1.13465134	39.20402051	1.13	19.84138616	Y-R (371.029 nm)	Linear	1.00000	Fitted	42.4383366429514	1631.64927599152	2.12694720
Li 670.783	Li-R	n	0.00730511	0.00730511	mg/L	904.88604784	0.00042154	5.77046765	48.52324425	5.36	4.80931472	Y-R (371.029 nm)	Linear	1.00000	FACT	53.5763080571273	115109.694363644	0.00774902
Mg 279.800	Mg-R	n	3.74751601	3.74751601	mg/L	10533.09387906	0.05797888	1.54712819	160.90493570	1.53	3.53568227	Y-R (371.029 nm)	Linear	1.00000	Fitted	111.675602641401	2775.23376315608	3.72736688
Mn 257.610	Mn	n	0.33764135	0.33764135	mg/L	165943.18339908	0.00462953	1.37113950	2268.25369073	1.37	5.94072524	Y (371.029 nm)	Linear	0.99990	Fitted	523.246652406393	489952.927445074	0.33236946
Mo 204.598	Mo	n	0.00182610	0.00182610	mg/L	42.95692239	0.00113609	62.21416186	12.66276991	29.48	3.89152228	Y (371.029 nm)	Linear	1.00000	Fitted	19.089588126705	11145.8777676476	0.00213057
Na 589.592	Na-R	n	5.27103849	5.27103849	mg/L	62909.41128966	0.08076567	1.53225350	933.18274378	1.48	19.04232273	Y-R (371.029 nm)	Linear	1.00000	Fitted	2238.9107726026	11554.2002324052	5.22312856
Ni 231.604	Ni	n	0.03096573	0.03096573	mg/L	1023.71674241	0.00037708	1.21772383	10.33869140	1.01	3.44177854	Y (371.029 nm)	Linear	0.99998	Off-Peak Left+Right	187.372425032713	27417.9784110399	0.03080886
P 177.434	P	n	0.76712182	0.76712182	mg/L	178.61424565	0.01169478	1.52450042	2.64106442	1.48		Y (371.029 nm)	Linear	1.00000	Fitted	5.26224648069594	225.832848686858	0.75402958
Pb 220.353	Pb	n	1.11332596	1.11332596	mg/L	10155.39053773	0.00814766	0.73183101	73.03608626	0.72	25.09022586	Y (371.029 nm)	Linear	0.99996	Off-Peak Right	171.026977801425	8964.05158812345	1.10442534
S 181.972	S	n	4.39781713	4.39781713	mg/L	6739.89437835	0.03284560	0.74686133	49.37712518	0.73		Y (371.029 nm)	Linear	1.00000	Fitted	129.948723818944	1503.31039459955	4.41273399
Sb 206.834	Sb	nu	-0.00863805	-0.00863805	mg/L	-54.63345791	0.00245960	28.47398105	9.90145131	18.12	6.03486237	Y (371.029 nm)	Linear	0.99998	Off-Peak Right	-34.5571991267422	4025.64125642531	-0.00730507
Se 196.026	Se	n	0.00902020	0.00902020	mg/L	59.10544956	0.00168004	18.62527848	6.93938219	11.74	2.29875901	Y (371.029 nm)	Linear	0.99990	Fitted	32.7303760974339	4130.49472280005	0.00992209
Si 251.611	Si	n	3.91366080	3.91366080	mg/L	35052.58793634	0.03278681	0.83775301	293.02285834	0.84		Y (371.029 nm)	Linear	1.00000	Fitted	98.3187416870542	8937.21737151692	3.94913225
Sn 189.925	Sn	n	0.06009716	0.06009716	mg/L	800.17819286	0.00048778	0.81165562	6.16271402	0.77	12.26165207	Y (371.029 nm)	Linear	0.99995	Fitted	39.5541885268555	12634.1568554032	0.05954170
Sr 421.552	Sr-R	n	0.01318895	0.01318895	mg/L	7036.42339708	0.00019289	1.46249090	98.53133394	1.40	4.03830839	Y-R (371.029 nm)	Linear	0.99994	Fitted	208.594109201771	510823.627022499	0.01308858
Ti 334.941	Ti	n	0.16595278	0.16595278	mg/L	62519.03066110	0.02453045	14.78158369	9213.39944630	14.74	3.40632998	Y (371.029 nm)	Linear	0.99999	Fitted	220.002205964814	375590.339424497	0.15422002
Tl 190.794	Tl	nu	-0.00617879	-0.00617879	mg/L	-22.14672581	0.00013098	2.11983842	0.51023046	2.30	10.21151594	Y (371.029 nm)	Linear	0.99992	Fitted	1.31691436736463	3895.47190652993	-0.00615265
V 292.401	V	n	0.00604044	0.00604044	mg/L	208.67295848	0.00025260	4.18183750	10.26560708	4.92	2.55424749	Y (371.029 nm)	Linear	1.00000	Off-Peak Left+Right	17.8006478267166	40639.5511768207	0.00586287
Zn 206.200	Zn	n	5.46276257	5.46276257	mg/L	358037.02212670	0.04402608	0.80593063	2886.77581668	0.81	7.02046350	Y (371.029 nm)	Linear	0.99960	Fitted	97.9001412786361	65569.6812260482	5.41480041
Y 371.029	Y		0.92	0.92	Ratio	615688.71	0.02	1.73	10621.13	1.73		-	-	-	Fitted	-	-	0.91
Y 371.029	Y-R		1.03	1.03	Ratio	161238.26	0.02	1.70	2739.85	1.70		-	-	-	Fitted	-	-	1.04

ENTHALPY SAMPLE USER REPORT FOR EPA 6010B

Inst:	MET09	Lab ID:	489010-003	Client ID:	AFRAME-C6W-MED-L3-EXT-1 TO 2-230724-L-DUP-WF
Seqnum:	673297193220.1	Matrix:	Wipe	Acct:	RINCON-BERK (JG)
File:	icp data	Batch:	318869	Time:	25-JUL-2023 20:47
Cal:	673297193001	Caldate:	25-JUL-2023		
IDF:	1.0	Raw Units:	mg/L	Units:	ug/ft2

- 1.00 ft2 ⇨ 50.0 ml = 50.0 ml/ft2 PDF

Analyte	Ch	Raw	Result	RL	Blank	Flags
Lead	A	0.8527	43	0.50		!<a+ u

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	SAMPLE Abund	%Drift
Yttrium	A	666361	616943	-7.42

!=warning +=high bias <=opening a=ICSA u=use

Instrument ID: MET09

Label:	489010-003,318869	Rack:Tube:	3:52	Type:	Sample
Date Time:	7/25/2023 8:47:22 PM	Weight:	1	Volume:	1
Dilution:	1	%RSE limit:	-	Calibration Coefficient [3]:	-
LIMSID:		Customer:		Customer Ref.:	
Sample Date Time:		Sample Site:		Description:	
Replicates:	3				

Element	Element Label	Flags	Unadjusted Data	Concentration	Unit	Intensity	Concentration SD	Concentration % RSD	Intensity SD	Intensity % RSD	%RSE	Internal Standard	Calibration fit	Correlation coefficient	Background correction	Calibration Coefficient [1]	Calibration Coefficient [2]	Concentration Replicate 1
Ag 328.068	Ag	n	0.00064586	0.00064586	mg/L	566.12728342	0.00029417	45.54734630	25.79603946	4.56		Y (371.029 nm)	Linear	1.00000	Fitted	572.502077445868	87689.9995285448	0.00083656
Al 396.152	Al	n	1.81668195	1.81668195	mg/L	71904.69864827	0.00970668	0.53430798	377.81267759	0.53	15.39233378	Y (371.029 nm)	Linear	0.99998	Fitted	1205.56470480183	38922.9696497508	1.80644996
As 188.980	As	n	0.02446243	0.02446243	mg/L	173.01731713	0.00117290	4.79470315	6.42234346	3.71	2.71184674	Y (371.029 nm)	Linear	0.99996	Fitted	37.5874680560493	5475.60572556616	0.02360016
B 249.678	B	n	0.00887238	0.00887238	mg/L	653.55945059	0.00090225	10.16922799	32.43052928	4.96	4.67623197	Y (371.029 nm)	Linear	1.00000	Fitted	355.723406422493	35943.960009001	0.00957752
Ba 230.424	Ba	n	0.01033497	0.01033497	mg/L	1195.72756008	0.00028265	2.73491512	23.48188541	1.96	2.99500977	Y (371.029 nm)	Linear	0.99991	Fitted	320.944546456498	83076.8287015984	0.01016412
Be 313.107	Be	nu	-0.00004009	-0.00004009	mg/L	188.60091525	0.00001037	25.85491814	28.44928839	15.08	1.07961226	Y (371.029 nm)	Linear	1.00000	Fitted	314.299724647743	2744424.42090531	-0.00002919
Ca 317.933	Ca-R	n	8.32379396	8.32379396	mg/L	134274.51065697	0.07301756	0.87721488	1158.81890699	0.86	22.37721428	Y-R (371.029 nm)	Linear	0.99999	Fitted	1769.7142084379	15870.4140866595	8.32243891
Cd 214.439	Cd	n	0.00006205	0.00006205	mg/L	190.67767301	0.00003777	60.86139816	8.16941305	4.28	5.62394238	Y (371.029 nm)	Linear	0.99972	Fitted	-26.0550294873418	216311.862822474	0.00002912
Co 230.786	Co	n	0.01472071	0.01472071	mg/L	639.93486783	0.00019109	1.29810651	7.51528472	1.17	19.02338365	Y (371.029 nm)	Linear	0.99997	Fitted	43.7782215927577	39328.4199063949	0.01465187
Cr 267.716	Cr	n	0.02771675	0.02771675	mg/L	2036.87675484	0.00042263	1.52481960	30.64061272	1.50	5.55970103	Y (371.029 nm)	Linear	0.99997	Off-Peak Left+Right	20.1266331741009	72499.7904484812	0.02777591
Cu 324.754	Cu	n	0.22020409	0.22020409	mg/L	10176.85832206	0.00115423	0.52416205	50.59138282	0.50	21.24684838	Y (371.029 nm)	Linear	0.99992	Fitted	588.557197910467	43831.4262423811	0.21927313
Fe 259.940	Fe	no	69.25245332	69.25245332	mg/L	4707185.52406249	0.80329056	1.15994528	54600.39121072	1.16	10.61972193	Y (371.029 nm)	Linear	0.99994	Off-Peak Left+Right	36.5546132684872	67970.91086477	68.3462699
K 766.491	K-R	n	2.39366366	2.39366366	mg/L	3922.11124364	0.01071890	0.44780301	17.48948184	0.45	19.84138616	Y-R (371.029 nm)	Linear	1.00000	Fitted	42.4383366429514	1631.64927599152	2.40258194
Li 670.783	Li-R	n	0.00752213	0.00752213	mg/L	934.45038519	0.00074056	9.84510922	85.24580601	9.12	4.80931472	Y-R (371.029 nm)	Linear	1.00000	FACT	53.5763080571273	115109.694363644	0.00835577
Mg 279.800	Mg-R	n	3.86336100	3.86336100	mg/L	10867.03330563	0.04027292	1.04243226	111.76677075	1.03	3.53568227	Y-R (371.029 nm)	Linear	1.00000	Fitted	111.675602641401	2775.23376315608	3.87481098
Mn 257.610	Mn	n	0.48626281	0.48626281	mg/L	238758.34938366	0.00111398	0.22908937	545.79599854	0.23	5.94072524	Y (371.029 nm)	Linear	0.99990	Fitted	523.246652406393	489952.927445074	0.48507830
Mo 204.598	Mo	n	0.00085959	0.00085959	mg/L	33.96365928	0.00121480	141.32395665	13.54001037	39.87	3.89152228	Y (371.029 nm)	Linear	1.00000	Fitted	19.089588126705	11145.8777676476	0.00001213
Na 589.592	Na-R	n	5.22517037	5.22517037	mg/L	62254.65381766	0.03691713	0.70652498	426.54795528	0.69	19.04232273	Y-R (371.029 nm)	Linear	1.00000	Fitted	2238.9107726026	11554.2002324052	5.22424454
Ni 231.604	Ni	n	0.04496300	0.04496300	mg/L	1400.93824210	0.00039300	0.87406264	10.77539663	0.77	3.44177854	Y (371.029 nm)	Linear	0.99998	Off-Peak Left+Right	187.372425032713	27417.9784110399	0.04521655
P 177.434	P	n	0.76465544	0.76465544	mg/L	178.11782057	0.02278385	2.97962291	5.14534147	2.89		Y (371.029 nm)	Linear	1.00000	Fitted	5.26224648069594	225.832848686858	0.75462658
Pb 220.353	Pb	n	0.85267353	0.85267353	mg/L	7823.33907301	0.00270113	0.31678364	24.21307114	0.31	25.09022586	Y (371.029 nm)	Linear	0.99996	Off-Peak Right	171.026977801425	8964.05158812345	0.85175221
S 181.972	S	n	4.52146866	4.52146866	mg/L	6924.83464759	0.05465844	1.20886462	82.16859362	1.19		Y (371.029 nm)	Linear	1.00000	Fitted	129.948723818944	1503.31039459955	4.57084270
Sb 206.834	Sb	nu	-0.01038823	-0.01038823	mg/L	-53.36194877	0.00053918	5.19033952	2.17056230	4.07	6.03486237	Y (371.029 nm)	Linear	0.99998	Off-Peak Right	-34.5571991267422	4025.64125642531	-0.01050084
Se 196.026	Se	n	0.00973919	0.00973919	mg/L	55.87057942	0.00058383	5.99467363	2.41151809	4.32	2.29875901	Y (371.029 nm)	Linear	0.99990	Fitted	32.7303760974339	4130.49472280005	0.01035513
Si 251.611	Si	n	4.26270261	4.26270261	mg/L	38159.10099132	0.08181134	1.91923633	731.16570312	1.92		Y (371.029 nm)	Linear	1.00000	Fitted	98.3187416870542	8937.21737151692	4.31230632
Sn 189.925	Sn	n	0.07407208	0.07407208	mg/L	977.55522439	0.00077705	1.04905180	9.81742882	1.00	12.26165207	Y (371.029 nm)	Linear	0.99995	Fitted	39.5541885268555	12634.1568554032	0.07376215
Sr 421.552	Sr-R	n	0.01394075	0.01394075	mg/L	7448.95240796	0.00012318	0.88361858	62.92483727	0.84	4.03830839	Y-R (371.029 nm)	Linear	0.99994	Fitted	208.594109201771	510823.627022499	0.01391068
Ti 334.941	Ti	n	0.16565342	0.16565342	mg/L	62390.25231961	0.00479845	2.89668036	1802.25146091	2.89	3.40632998	Y (371.029 nm)	Linear	0.99999	Fitted	220.002205964814	375590.339424497	0.16140592
Tl 190.794	Tl	nu	-0.00565884	-0.00565884	mg/L	-19.83816467	0.00120416	21.27923376	4.69076695	23.65	10.21151594	Y (371.029 nm)	Linear	0.99992	Fitted	1.31691436736463	3895.47190652993	-0.00627081
V 292.401	V	n	0.00671502	0.00671502	mg/L	204.84732800	0.00024543	3.65491221	9.97408320	4.87	2.55424749	Y (371.029 nm)	Linear	1.00000	Off-Peak Left+Right	17.8006478267166	40639.5511768207	0.00698424
Zn 206.200	Zn	n	5.66847005	5.66847005	mg/L	371393.27047343	0.02788594	0.49194825	1828.47214531	0.49	7.02046350	Y (371.029 nm)	Linear	0.99960	Fitted	97.9001412786361	65569.6812260482	5.69542971
Y 371.029	Y		0.93	0.93	Ratio	616943.16	0.02	2.30	14202.81	2.30		-	-	-	Fitted	-	-	0.90
Y 371.029	Y-R		1.03	1.03	Ratio	160557.66	0.01	0.61	974.53	0.61		-	-	-	Fitted	-	-	1.03

ENTHALPY SAMPLE USER REPORT FOR EPA 6010B

Inst:	MET09	Lab ID:	489010-006	Client ID:	AFRAME-C6W-LAT-L3-UP-C6.7-DG-230724-L-LA
Seqnum:	673297193221.1	Matrix:	Wipe	Acct:	RINCON-BERK (JG)
File:	icp data	Batch:	318869	Time:	25-JUL-2023 20:50
Cal:	673297193001	Caldate:	25-JUL-2023		
IDF:	1.0	Raw Units:	mg/L	Units:	ug/ft2

- 1.00 ft2 ⇨ 50.0 ml = 50.0 ml/ft2 PDF

Analyte	Ch	Raw	Result	RL	Blank	Flags
Lead	A	0.6788	34	0.50		!<a+ u

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	SAMPLE Abund	%Drift
Yttrium	A	666361	618258	-7.22

!=warning +=high bias <=opening a=ICSA u=use

Instrument ID: MET09

Label:	489010-006,318869	Rack:Tube:	3:53	Type:	Sample
Date Time:	7/25/2023 8:50:30 PM	Weight:	1	Volume:	1
Dilution:	1	%RSE limit:	-	Calibration Coefficient [3]:	-
LIMSID:		Customer:		Customer Ref.:	
Sample Date Time:		Sample Site:		Description:	
Replicates:	3				

Element	Element Label	Flags	Unadjusted Data	Concentration	Unit	Intensity	Concentration SD	Concentration % RSD	Intensity SD	Intensity % RSD	%RSE	Internal Standard	Calibration fit	Correlation coefficient	Background correction	Calibration Coefficient [1]	Calibration Coefficient [2]	Concentration Replicate 1
Ag 328.068	Ag	nu	0.00032251	0.00032251	mg/L	544.11258774	0.00035220	109.20630607	30.88426000	5.68		Y (371.029 nm)	Linear	1.00000	Fitted	572.502077445868	87689.9995285448	0.00061064
Al 396.152	Al	n	1.54689403	1.54689403	mg/L	61406.80256514	0.02261529	1.46198053	880.25422934	1.43	15.39233378	Y (371.029 nm)	Linear	0.99998	Fitted	1205.56470480183	38922.9696497508	1.52083063
As 188.980	As	n	0.03692043	0.03692043	mg/L	241.11312935	0.00135889	3.68059753	7.44075846	3.09	2.71184674	Y (371.029 nm)	Linear	0.99996	Fitted	37.5874680560493	5475.60572556616	0.03804432
B 249.678	B	n	0.00850270	0.00850270	mg/L	642.66029211	0.00049221	5.78888488	17.69203534	2.75	4.67623197	Y (371.029 nm)	Linear	1.00000	Fitted	355.723406422493	35943.960009001	0.00891751
Ba 230.424	Ba	n	0.01031297	0.01031297	mg/L	1208.82490017	0.00016890	1.63770197	14.03132696	1.16	2.99500977	Y (371.029 nm)	Linear	0.99991	Fitted	320.944546456498	83076.8287015984	0.01012066
Be 313.107	Be	nu	-0.00007539	-0.00007539	mg/L	93.65357405	0.00001315	17.43923351	36.08407262	38.53	1.07961226	Y (371.029 nm)	Linear	1.00000	Fitted	314.299724647743	2744424.42090531	-0.00008441
Ca 317.933	Ca-R	n	11.39900430	11.39900430	mg/L	183031.07663086	0.14816328	1.29979146	2351.41267238	1.28	22.37721428	Y-R (371.029 nm)	Linear	0.99999	Fitted	1769.7142084379	15870.4140866595	11.57007409
Cd 214.439	Cd	n	0.00006221	0.00006221	mg/L	166.42121031	0.00001241	19.94788453	2.68421710	1.61	5.62394238	Y (371.029 nm)	Linear	0.99972	Fitted	-26.0550294873418	216311.862822474	0.00005710
Co 230.786	Co	n	0.00802409	0.00802409	mg/L	374.62496561	0.00053115	6.61943404	20.88925171	5.58	19.02338365	Y (371.029 nm)	Linear	0.99997	Fitted	43.7782215927577	39328.4199063949	0.00752085
Cr 267.716	Cr	n	0.04064767	0.04064767	mg/L	2973.43453946	0.00069327	1.70556334	50.26205452	1.69	5.55970103	Y (371.029 nm)	Linear	0.99997	Off-Peak Left+Right	20.1266331741009	72499.7904484812	0.04026877
Cu 324.754	Cu	n	0.21966886	0.21966886	mg/L	10161.45148057	0.00209662	0.95444565	91.89783955	0.90	21.24684838	Y (371.029 nm)	Linear	0.99992	Fitted	588.557197910467	43831.4262423811	0.21726619
Fe 259.940	Fe	no	62.07763442	62.07763442	mg/L	4219503.83609217	0.55244859	0.88993176	37550.43361182	0.89	10.61972193	Y (371.029 nm)	Linear	0.99994	Off-Peak Left+Right	36.5546132684872	67970.91086477	61.45076875
K 766.491	K-R	n	2.73246366	2.73246366	mg/L	4477.85128126	0.04645575	1.70014168	75.79949683	1.69	19.84138616	Y-R (371.029 nm)	Linear	1.00000	Fitted	42.4383366429514	1631.64927599152	2.78504585
Li 670.783	Li-R	n	0.00733304	0.00733304	mg/L	911.85467093	0.00030579	4.17001705	35.19925785	3.86	4.80931472	Y-R (371.029 nm)	Linear	1.00000	FACT	53.5763080571273	115109.694363644	0.00699189
Mg 279.800	Mg-R	n	3.84996917	3.84996917	mg/L	10825.55826424	0.06597921	1.71375950	183.10773753	1.69	3.53568227	Y-R (371.029 nm)	Linear	1.00000	Fitted	111.675602641401	2775.23376315608	3.92526690
Mn 257.610	Mn	n	0.34380711	0.34380711	mg/L	168960.80104139	0.00294108	0.85544587	1440.99257963	0.85	5.94072524	Y (371.029 nm)	Linear	0.99990	Fitted	523.246652406393	489952.927445074	0.34060498
Mo 204.598	Mo	n	0.00160340	0.00160340	mg/L	41.66458614	0.00087298	54.44539657	9.73012863	23.35	3.89152228	Y (371.029 nm)	Linear	1.00000	Fitted	19.089588126705	11145.8777676476	0.00156880
Na 589.592	Na-R	n	5.64748395	5.64748395	mg/L	67169.80330067	0.07795400	1.38033148	900.69611419	1.34	19.04232273	Y-R (371.029 nm)	Linear	1.00000	Fitted	2238.9107726026	11554.2002324052	5.73558876
Ni 231.604	Ni	n	0.30768260	0.30768260	mg/L	8606.16110638	0.00349479	1.13584190	95.82002023	1.11	3.44177854	Y (371.029 nm)	Linear	0.99998	Off-Peak Left+Right	187.372425032713	27417.9784110399	0.30396530
P 177.434	P	n	0.74751612	0.74751612	mg/L	174.22751087	0.00691895	0.92559224	1.56252646	0.90		Y (371.029 nm)	Linear	1.00000	Fitted	5.26224648069594	225.832848686858	0.74052569
Pb 220.353	Pb	n	0.67878860	0.67878860	mg/L	6263.75216201	0.00223085	0.32865122	19.99742782	0.32	25.09022586	Y (371.029 nm)	Linear	0.99996	Off-Peak Right	171.026977801425	8964.05158812345	0.67624200
S 181.972	S	n	5.04686350	5.04686350	mg/L	7715.11855046	0.03245290	0.64303116	48.78678913	0.63		Y (371.029 nm)	Linear	1.00000	Fitted	129.948723818944	1503.31039459955	5.08381456
Sb 206.834	Sb	n	0.00980613	0.00980613	mg/L	25.36265302	0.00116200	11.84967658	4.67777510	18.44	6.03486237	Y (371.029 nm)	Linear	0.99998	Off-Peak Right	-34.5571991267422	4025.64125642531	0.01077201
Se 196.026	Se	n	0.00781348	0.00781348	mg/L	49.95005258	0.00046625	5.96721132	1.92583089	3.86	2.29875901	Y (371.029 nm)	Linear	0.99990	Fitted	32.7303760974339	4130.49472280005	0.00835140
Si 251.611	Si	n	3.75033950	3.75033950	mg/L	33584.08808489	0.03714330	0.99039846	331.95778886	0.99		Y (371.029 nm)	Linear	1.00000	Fitted	98.3187416870542	8937.21737151692	3.72264948
Sn 189.925	Sn	n	0.06620735	0.06620735	mg/L	877.89877730	0.00056520	0.85368091	7.14081970	0.81	12.26165207	Y (371.029 nm)	Linear	0.99995	Fitted	39.5541885268555	12634.1568554032	0.06641096
Sr 421.552	Sr-R	n	0.01701742	0.01701742	mg/L	9032.15079212	0.00012479	0.73330058	63.74510291	0.71	4.03830839	Y-R (371.029 nm)	Linear	0.99994	Fitted	208.594109201771	510823.627022499	0.01715616
Ti 334.941	Ti	n	0.20304517	0.20304517	mg/L	76438.34955093	0.00981299	4.83291057	3685.66478142	4.82	3.40632998	Y (371.029 nm)	Linear	0.99999	Fitted	220.002205964814	375590.339424497	0.19973101
Tl 190.794	Tl	nu	-0.00433301	-0.00433301	mg/L	-14.74819548	0.00115738	26.71070169	4.50853191	30.57	10.21151594	Y (371.029 nm)	Linear	0.99992	Fitted	1.31691436736463	3895.47190652993	-0.00299703
V 292.401	V	n	0.00602376	0.00602376	mg/L	186.81128136	0.00052785	8.76280969	21.45159861	11.48	2.55424749	Y (371.029 nm)	Linear	1.00000	Off-Peak Left+Right	17.8006478267166	40639.5511768207	0.00546191
Zn 206.200	Zn	n	1.80419218	1.80419218	mg/L	118050.65848478	0.01349193	0.74780984	884.66133126	0.75	7.02046350	Y (371.029 nm)	Linear	0.99960	Fitted	97.9001412786361	65569.6812260482	1.78861557
Y 371.029	Y		0.93	0.93	Ratio	618257.58	0.02	1.72	10662.44	1.72		-	-	-	Fitted	-	-	0.91
Y 371.029	Y-R		1.04	1.04	Ratio	161503.22	0.01	1.12	1809.95	1.12		-	-	-	Fitted	-	-	1.02

ENTHALPY SAMPLE USER REPORT FOR EPA 6010B

Inst:	MET09	Lab ID:	489010-008	Client ID:	AFRAME-C6W-MED-L3-UP-C6.5-HM-230724-L-CB
Seqnum:	673297193222.1	Matrix:	Wipe	Acct:	RINCON-BERK (JG)
File:	icp data	Batch:	318869	Time:	25-JUL-2023 20:53
Cal:	673297193001	Caldate:	25-JUL-2023		
IDF:	1.0	Raw Units:	mg/L	Units:	ug/ft2

- 1.00 ft2 ⇨ 50.0 ml = 50.0 ml/ft2 PDF

Analyte	Ch	Raw	Result	RL	Blank	Flags
Lead	A	0.4310	22	0.50		!<a+ u

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	SAMPLE Abund	%Drift
Yttrium	A	666361	613957	-7.86

!=warning +=high bias <=opening a=ICSA u=use

Instrument ID: MET09

Label:	489010-008,318869	Rack:Tube:	3:54	Type:	Sample
Date Time:	7/25/2023 8:53:38 PM	Weight:	1	Volume:	1
Dilution:	1	%RSE limit:	-	Calibration Coefficient [3]:	-
LIMSID:		Customer:		Customer Ref.:	
Sample Date Time:		Sample Site:		Description:	
Replicates:	3				

Element	Element Label	Flags	Unadjusted Data	Concentration	Unit	Intensity	Concentration SD	Concentration % RSD	Intensity SD	Intensity % RSD	%RSE	Internal Standard	Calibration fit	Correlation coefficient	Background correction	Calibration Coefficient [1]	Calibration Coefficient [2]	Concentration Replicate 1
Ag 328.068	Ag	n	0.00035944	0.00035944	mg/L	517.24988554	0.00026493	73.70713604	23.23196796	4.49		Y (371.029 nm)	Linear	1.00000	Fitted	572.502077445868	87689.9995285448	0.00005711
Al 396.152	Al	n	4.73945268	4.73945268	mg/L	185661.88919620	0.04289716	0.90510787	1669.68483120	0.90	15.39233378	Y (371.029 nm)	Linear	0.99998	Fitted	1205.56470480183	38922.9696497508	4.69506851
As 188.980	As	n	0.04858742	0.04858742	mg/L	305.92410230	0.00096479	1.98567730	5.28280649	1.73	2.71184674	Y (371.029 nm)	Linear	0.99996	Fitted	37.5874680560493	5475.60572556616	0.04789411
B 249.678	B	n	0.00636958	0.00636958	mg/L	555.91405602	0.00034771	5.45895172	12.49816292	2.25	4.67623197	Y (371.029 nm)	Linear	1.00000	Fitted	355.723406422493	35943.960009001	0.00674378
Ba 230.424	Ba	n	0.01054215	0.01054215	mg/L	1211.27436142	0.00013870	1.31564566	11.52253499	0.95	2.99500977	Y (371.029 nm)	Linear	0.99991	Fitted	320.944546456498	83076.8287015984	0.01043203
Be 313.107	Be	nu	-0.00007110	-0.00007110	mg/L	97.31869259	0.00000542	7.62447622	14.87754772	15.29	1.07961226	Y (371.029 nm)	Linear	1.00000	Fitted	314.299724647743	2744424.42090531	-0.00007642
Ca 317.933	Ca-R	n	9.03448048	9.03448048	mg/L	145707.38073777	0.14522494	1.60745198	2304.77986241	1.58	22.37721428	Y-R (371.029 nm)	Linear	0.99999	Fitted	1769.7142084379	15870.4140866595	9.05044870
Cd 214.439	Cd	n	0.00010910	0.00010910	mg/L	280.75900667	0.00006019	55.16892843	13.01906623	4.64	5.62394238	Y (371.029 nm)	Linear	0.99972	Fitted	-26.0550294873418	216311.862822474	0.00003969
Co 230.786	Co	n	0.01213009	0.01213009	mg/L	544.71258471	0.00029510	2.43278720	11.60578579	2.13	19.02338365	Y (371.029 nm)	Linear	0.99997	Fitted	43.7782215927577	39328.4199063949	0.01225895
Cr 267.716	Cr	n	0.13223676	0.13223676	mg/L	9617.60029802	0.00246770	1.86612007	178.90749027	1.86	5.55970103	Y (371.029 nm)	Linear	0.99997	Off-Peak Left+Right	20.1266331741009	72499.7904484812	0.13501402
Cu 324.754	Cu	n	0.24842473	0.24842473	mg/L	11388.94231155	0.00109567	0.44104776	48.02485297	0.42	21.24684838	Y (371.029 nm)	Linear	0.99992	Fitted	588.557197910467	43831.4262423811	0.24795817
Fe 259.940	Fe	no	97.23033879	97.23033879	mg/L	6608871.24509045	0.28244466	0.29049025	19198.02062023	0.29	10.61972193	Y (371.029 nm)	Linear	0.99994	Off-Peak Left+Right	36.5546132684872	67970.91086477	96.95629922
K 766.491	K-R	n	1.86559297	1.86559297	mg/L	3050.03784360	0.03677867	1.97141976	60.00988778	1.97	19.84138616	Y-R (371.029 nm)	Linear	1.00000	Fitted	42.4383366429514	1631.64927599152	1.89907163
Li 670.783	Li-R	n	0.00809572	0.00809572	mg/L	1005.88164639	0.00082683	10.21318477	95.17619197	9.46	4.80931472	Y-R (371.029 nm)	Linear	1.00000	FACT	53.5763080571273	115109.694363644	0.00863373
Mg 279.800	Mg-R	n	5.66513155	5.66513155	mg/L	15880.65281601	0.08592524	1.51673860	238.46261876	1.50	3.53568227	Y-R (371.029 nm)	Linear	1.00000	Fitted	111.675602641401	2775.23376315608	5.67484793
Mn 257.610	Mn	n	0.60829175	0.60829175	mg/L	298542.58696169	0.01026502	1.68751518	5029.37447804	1.68	5.94072524	Y (371.029 nm)	Linear	0.99990	Fitted	523.246652406393	489952.927445074	0.59699814
Mo 204.598	Mo	n	0.05978666	0.05978666	mg/L	693.24082851	0.00132760	2.22056559	14.79728988	2.13	3.89152228	Y (371.029 nm)	Linear	1.00000	Fitted	19.089588126705	11145.8777676476	0.05847873
Na 589.592	Na-R	n	4.83909469	4.83909469	mg/L	57658.22556687	0.07705476	1.59233844	890.30618312	1.54	19.04232273	Y-R (371.029 nm)	Linear	1.00000	Fitted	2238.9107726026	11554.2002324052	4.85167277
Ni 231.604	Ni	n	0.10634971	0.10634971	mg/L	3076.45079140	0.00055202	0.51906177	15.13529129	0.49	3.44177854	Y (371.029 nm)	Linear	0.99998	Off-Peak Left+Right	187.372425032713	27417.9784110399	0.10630433
P 177.434	P	n	0.98323722	0.98323722	mg/L	227.55247281	0.02698656	2.74466453	6.09445242	2.68		Y (371.029 nm)	Linear	1.00000	Fitted	5.26224648069594	225.832848686858	0.99233964
Pb 220.353	Pb	n	0.43102302	0.43102302	mg/L	4042.08825759	0.00102385	0.23753943	9.17784087	0.23	25.09022586	Y (371.029 nm)	Linear	0.99996	Off-Peak Right	171.026977801425	8964.05158812345	0.42994665
S 181.972	S	n	4.07699687	4.07699687	mg/L	6255.67274491	0.03043463	0.74649630	45.75269704	0.73		Y (371.029 nm)	Linear	1.00000	Fitted	129.948723818944	1503.31039459955	4.10982520
Sb 206.834	Sb	nu	-0.00105384	-0.00105384	mg/L	-7.07565359	0.00172130	163.33685619	6.92934758	97.93	6.03486237	Y (371.029 nm)	Linear	0.99998	Off-Peak Right	-34.5571991267422	4025.64125642531	-0.00211239
Se 196.026	Se	n	0.01251172	0.01251172	mg/L	60.60079125	0.00046637	3.72748209	1.92634723	3.18	2.29875901	Y (371.029 nm)	Linear	0.99990	Fitted	32.7303760974339	4130.49472280005	0.01295963
Si 251.611	Si	n	9.37331644	9.37331644	mg/L	83819.86170370	0.07382548	0.78761322	659.79436081	0.79		Y (371.029 nm)	Linear	1.00000	Fitted	98.3187416870542	8937.21737151692	9.45255786
Sn 189.925	Sn	n	0.05758261	0.05758261	mg/L	770.05686515	0.00061767	1.07267136	7.80376750	1.01	12.26165207	Y (371.029 nm)	Linear	0.99995	Fitted	39.5541885268555	12634.1568554032	0.05716901
Sr 421.552	Sr-R	n	0.01512025	0.01512025	mg/L	8081.59084909	0.00035261	2.33205055	180.12245104	2.23	4.03830839	Y-R (371.029 nm)	Linear	0.99994	Fitted	208.594109201771	510823.627022499	0.01511990
Ti 334.941	Ti	n	0.36990625	0.36990625	mg/L	139088.35075013	0.00535593	1.44791526	2011.63521826	1.45	3.40632998	Y (371.029 nm)	Linear	0.99999	Fitted	220.002205964814	375590.339424497	0.36499689
Tl 190.794	Tl	nu	-0.00360714	-0.00360714	mg/L	-11.46639683	0.00154369	42.79544120	6.01341090	52.44	10.21151594	Y (371.029 nm)	Linear	0.99992	Fitted	1.31691436736463	3895.47190652993	-0.00189191
V 292.401	V	n	0.01601873	0.01601873	mg/L	549.55952242	0.00023569	1.47136257	9.57848409	1.74	2.55424749	Y (371.029 nm)	Linear	1.00000	Off-Peak Left+Right	17.8006478267166	40639.5511768207	0.01621717
Zn 206.200	Zn	n	2.57116971	2.57116971	mg/L	168154.41279004	0.00249651	0.09709628	163.69537947	0.10	7.02046350	Y (371.029 nm)	Linear	0.99960	Fitted	97.9001412786361	65569.6812260482	2.57399930
Y 371.029	Y		0.92	0.92	Ratio	613956.69	0.02	1.86	11392.68	1.86		-	-	-	Fitted	-	-	0.90
Y 371.029	Y-R		1.03	1.03	Ratio	161289.12	0.02	1.68	2703.44	1.68		-	-	-	Fitted	-	-	1.03

ENTHALPY SAMPLE USER REPORT FOR EPA 6010B

Inst:	MET09	Lab ID:	489010-010	Client ID:	AFRAME-C7W-LAT-L3-EXT-1 TO 2-230724-L-WF
Seqnum:	673297193223.1	Matrix:	Wipe	Acct:	RINCON-BERK (JG)
File:	icp data	Batch:	318869	Time:	25-JUL-2023 20:56
Cal:	673297193001	Caldate:	25-JUL-2023		
IDF:	1.0	Raw Units:	mg/L	Units:	ug/ft2

- 1.00 ft2 ⇨ 50.0 ml = 50.0 ml/ft2 PDF

Analyte	Ch	Raw	Result	RL	Blank	Flags
Lead	A	1.040	52	0.50		!<a+ u

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	SAMPLE Abund	%Drift
Yttrium	A	666361	620079	-6.95

!=warning +=high bias <=opening a=ICSA u=use

Instrument ID: MET09

Label:	489010-010,318869	Rack:Tube:	3:55	Type:	Sample
Date Time:	7/25/2023 8:56:46 PM	Weight:	1	Volume:	1
Dilution:	1	%RSE limit:	-	Calibration Coefficient [3]:	-
LIMS ID:		Customer:		Customer Ref.:	
Sample Date Time:		Sample Site:		Description:	
Replicates:	3				

Element	Element Label	Flags	Unadjusted Data	Concentration	Unit	Intensity	Concentration SD	Concentration % RSD	Intensity SD	Intensity %RSD	%RSE	Internal Standard	Calibration fit	Correlation coefficient	Background correction	Calibration Coefficient [1]	Calibration Coefficient [2]	Concentration Replicate 1
Ag 328.068	Ag	n	0.00071633	0.00071633	mg/L	578.85333413	0.00010773	15.03888484	9.44668165	1.63		Y (371.029 nm)	Linear	1.00000	Fitted	572.502077445868	87689.9995285448	0.00059820
Al 396.152	Al	n	1.87476178	1.87476178	mg/L	74167.06328575	0.01940003	1.03479964	755.10670836	1.02	15.39233378	Y (371.029 nm)	Linear	0.99998	Fitted	1205.56470480183	38922.9696497508	1.85259159
As 188.980	As	n	0.02603976	0.02603976	mg/L	181.53856986	0.00038120	1.46390142	2.08728095	1.15	2.71184674	Y (371.029 nm)	Linear	0.99996	Fitted	37.5874680560493	5475.60572556616	0.02564470
B 249.678	B	n	0.00857264	0.00857264	mg/L	645.11390959	0.00030944	3.60956946	11.12233793	1.72	4.67623197	Y (371.029 nm)	Linear	1.00000	Fitted	355.723406422493	35943.960009001	0.00892949
Ba 230.424	Ba	n	0.01187707	0.01187707	mg/L	1327.85900540	0.00012201	1.02728494	10.13631538	0.76	2.99500977	Y (371.029 nm)	Linear	0.99991	Fitted	320.944546456498	83076.8287015984	0.01201628
Be 313.107	Be	nu	-0.00006042	-0.00006042	mg/L	134.54214127	0.00000795	13.15026329	21.80553131	16.21	1.07961226	Y (371.029 nm)	Linear	1.00000	Fitted	314.299724647743	2744424.42090531	-0.00005125
Ca 317.933	Ca-R	n	8.69801147	8.69801147	mg/L	140168.26918489	0.00553052	0.06358369	87.77159561	0.06	22.37721428	Y-R (371.029 nm)	Linear	0.99999	Fitted	1769.7142084379	15870.4140866595	8.69928166
Cd 214.439	Cd	n	0.00010909	0.00010909	mg/L	178.53898092	0.00005034	46.14663024	10.88947721	6.10	5.62394238	Y (371.029 nm)	Linear	0.99972	Fitted	-26.0550294873418	216311.862822474	0.00007210
Co 230.786	Co	n	0.01337911	0.01337911	mg/L	585.32391989	0.00030100	2.24976707	11.83780785	2.02	19.02338365	Y (371.029 nm)	Linear	0.99997	Fitted	43.7782215927577	39328.4199063949	0.01324985
Cr 267.716	Cr	n	0.03242047	0.03242047	mg/L	2377.07628896	0.00047016	1.45020476	34.08673234	1.43	5.55970103	Y (371.029 nm)	Linear	0.99997	Off-Peak Left+Right	20.1266331741009	72499.7904484812	0.03201838
Cu 324.754	Cu	n	0.18533708	0.18533708	mg/L	8655.79276534	0.00078910	0.42576563	34.58744810	0.40	21.24684838	Y (371.029 nm)	Linear	0.99992	Fitted	588.557197910467	43831.4262423811	0.18448730
Fe 259.940	Fe	no	62.43919933	62.43919933	mg/L	4244082.24890074	0.47752970	0.76479152	32458.12860476	0.76	10.61972193	Y (371.029 nm)	Linear	0.99994	Off-Peak Left+Right	36.5546132684872	67970.91086477	61.90328712
K 766.491	K-R	n	2.41589582	2.41589582	mg/L	3961.11542008	0.00717967	0.29718478	11.71471098	0.30	19.84138616	Y-R (371.029 nm)	Linear	1.00000	Fitted	42.4383366429514	1631.64927599152	2.41578494
Li 670.783	Li-R	n	0.00727561	0.00727561	mg/L	904.84776792	0.00052699	7.24327568	60.66192333	6.70	4.80931472	Y-R (371.029 nm)	Linear	1.00000	FACT	53.5763080571273	115109.694363644	0.00774782
Mg 279.800	Mg-R	n	3.94136405	3.94136405	mg/L	11079.71154992	0.00557101	0.14134728	15.46085738	0.14	3.53568227	Y-R (371.029 nm)	Linear	1.00000	Fitted	111.675602641401	2775.23376315608	3.94120129
Mn 257.610	Mn	n	0.50253934	0.50253934	mg/L	246733.38952138	0.00334202	0.66502754	1637.43492022	0.66	5.94072524	Y (371.029 nm)	Linear	0.99990	Fitted	523.246652406393	489952.927445074	0.49931085
Mo 204.598	Mo	n	0.00106738	0.00106738	mg/L	35.77280055	0.00029952	28.06164402	3.33846726	9.33	3.89152228	Y (371.029 nm)	Linear	1.00000	Fitted	19.089588126705	11145.8777676476	0.00139091
Na 589.592	Na-R	n	5.21460867	5.21460867	mg/L	62169.17997677	0.00594325	0.11397301	68.66946080	0.11	19.04232273	Y-R (371.029 nm)	Linear	1.00000	Fitted	2238.9107726026	11554.2002324052	5.21776187
Ni 231.604	Ni	n	0.04312846	0.04312846	mg/L	1352.55064772	0.00019459	0.45117907	5.33517139	0.39	3.44177854	Y (371.029 nm)	Linear	0.99998	Off-Peak Left+Right	187.372425032713	27417.9784110399	0.04326436
P 177.434	P	n	0.72738467	0.72738467	mg/L	169.68297856	0.00735636	1.01134320	1.66130669	0.98		Y (371.029 nm)	Linear	1.00000	Fitted	5.26224648069594	225.832848686858	0.72376363
Pb 220.353	Pb	n	1.03977863	1.03977863	mg/L	9498.98424947	0.00197951	0.19037817	17.74444323	0.19	25.09022586	Y (371.029 nm)	Linear	0.99996	Off-Peak Right	171.026977801425	8964.05158812345	1.03819497
S 181.972	S	n	4.54035270	4.54035270	mg/L	6953.53633254	0.03697981	0.81447010	55.59214024	0.80		Y (371.029 nm)	Linear	1.00000	Fitted	129.948723818944	1503.31039459955	4.57868104
Sb 206.834	Sb	nu	-0.00685097	-0.00685097	mg/L	-41.61353769	0.00198330	28.94923622	7.98406543	19.19	6.03486237	Y (371.029 nm)	Linear	0.99998	Off-Peak Right	-34.5571991267422	4025.64125642531	-0.00832297
Se 196.026	Se	n	0.00887518	0.00887518	mg/L	54.16955257	0.00014924	1.68157718	0.61644776	1.14	2.29875901	Y (371.029 nm)	Linear	0.99990	Fitted	32.7303760974339	4130.49472280005	0.00870924
Si 251.611	Si	n	4.26108496	4.26108496	mg/L	38148.51958162	0.06220514	1.45984266	555.94082275	1.46		Y (371.029 nm)	Linear	1.00000	Fitted	98.3187416870542	8937.21737151692	4.28866368
Sn 189.925	Sn	n	0.04819186	0.04819186	mg/L	650.32766696	0.00053603	1.11228895	6.77232205	1.04	12.26165207	Y (371.029 nm)	Linear	0.99995	Fitted	39.5541885268555	12634.1568554032	0.04764867
Sr 421.552	Sr-R	n	0.01465226	0.01465226	mg/L	7807.59024295	0.00011210	0.76505409	57.26216108	0.73	4.03830839	Y-R (371.029 nm)	Linear	0.99994	Fitted	208.594109201771	510823.627022499	0.01462905
Ti 334.941	Ti	n	0.21399347	0.21399347	mg/L	80551.02042282	0.00889588	4.15708147	3341.20765962	4.15	3.40632998	Y (371.029 nm)	Linear	0.99999	Fitted	220.002205964814	375590.339424497	0.21991588
Tl 190.794	Tl	nu	-0.00374506	-0.00374506	mg/L	-12.46088225	0.00258982	69.15310333	10.08858716	80.96	10.21151594	Y (371.029 nm)	Linear	0.99992	Fitted	1.31691436736463	3895.47190652993	-0.00128676
V 292.401	V	n	0.00755984	0.00755984	mg/L	248.57810504	0.00031503	4.16720539	12.80283878	5.15	2.55424749	Y (371.029 nm)	Linear	1.00000	Off-Peak Left+Right	17.8006478267166	40639.5511768207	0.00761854
Zn 206.200	Zn	n	6.98997030	6.98997030	mg/L	458081.76218465	0.05148998	0.73662658	3376.18150302	0.74	7.02046350	Y (371.029 nm)	Linear	0.99960	Fitted	97.9001412786361	65569.6812260482	6.99924847
Y 371.029	Y		0.93	0.93	Ratio	620079.32	0.02	1.90	11783.90	1.90		-	-	-	Fitted	-	-	0.91
Y 371.029	Y-R		1.04	1.04	Ratio	162080.68	0.00	0.42	683.91	0.42		-	-	-	Fitted	-	-	1.04

ENTHALPY SAMPLE USER REPORT FOR EPA 6010B

Inst:	MET09	Lab ID:	489010-011	Client ID:	AFRAME-C7W-LAT-L3-EXT-1 TO 2-230724-L-DUP-WF
Seqnum:	673297193224.1	Matrix:	Wipe	Acct:	RINCON-BERK (JG)
File:	icp data	Batch:	318869	Time:	25-JUL-2023 20:59
Cal:	673297193001	Caldate:	25-JUL-2023		
IDF:	1.0	Raw Units:	mg/L	Units:	ug/ft2

- 1.00 ft2 ⇨ 50.0 ml = 50.0 ml/ft2 PDF

Analyte	Ch	Raw	Result	RL	Blank	Flags
Lead	A	1.139	57	0.50		!<a+ u

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	SAMPLE Abund	%Drift
Yttrium	A	666361	619279	-7.07

!=warning +=high bias <=opening a=ICSA u=use

Instrument ID: MET09

Label:	489010-011,318869	Rack:Tube:	3:56	Type:	Sample
Date Time:	7/25/2023 8:59:54 PM	Weight:	1	Volume:	1
Dilution:	1	%RSE limit:	-	Calibration Coefficient [3]:	-
LIMS ID:		Customer:		Customer Ref.:	
Sample Date Time:		Sample Site:		Description:	
Replicates:	3				

Element	Element Label	Flags	Unadjusted Data	Concentration	Unit	Intensity	Concentration SD	Concentration % RSD	Intensity SD	Intensity % RSD	%RSE	Internal Standard	Calibration fit	Correlation coefficient	Background correction	Calibration Coefficient [1]	Calibration Coefficient [2]	Concentration Replicate 1
Ag 328.068	Ag	n	0.00065030	0.00065030	mg/L	570.89135104	0.00012846	19.75366578	11.26450155	1.97		Y (371.029 nm)	Linear	1.00000	Fitted	572.502077445868	87689.9995285448	0.00050755
Al 396.152	Al	n	1.70498617	1.70498617	mg/L	67558.38270391	0.02318844	1.36003668	902.56284097	1.34	15.39233378	Y (371.029 nm)	Linear	0.99998	Fitted	1205.56470480183	38922.9696497508	1.68172750
As 188.980	As	n	0.03006843	0.03006843	mg/L	203.61904134	0.00171787	5.71319105	9.40636183	4.62	2.71184674	Y (371.029 nm)	Linear	0.99996	Fitted	37.5874680560493	5475.60572556616	0.03072490
B 249.678	B	n	0.00914503	0.00914503	mg/L	664.88964652	0.00064438	7.04618676	23.16141004	3.48	4.67623197	Y (371.029 nm)	Linear	1.00000	Fitted	355.723406422493	35943.960009001	0.00988872
Ba 230.424	Ba	n	0.01140888	0.01140888	mg/L	1287.72185492	0.00015116	1.32491890	12.55776559	0.98	2.99500977	Y (371.029 nm)	Linear	0.99991	Fitted	320.944546456498	83076.8287015984	0.01156197
Be 313.107	Be	nu	-0.00005633	-0.00005633	mg/L	145.21366535	0.00000754	13.39034767	20.69978446	14.25	1.07961226	Y (371.029 nm)	Linear	1.00000	Fitted	314.299724647743	2744424.42090531	-0.00005772
Ca 317.933	Ca-R	n	8.62712886	8.62712886	mg/L	139058.54463443	0.05826386	0.67535627	924.67151805	0.66	22.37721428	Y-R (371.029 nm)	Linear	0.99999	Fitted	1769.7142084379	15870.4140866595	8.61524680
Cd 214.439	Cd	n	0.00006183	0.00006183	mg/L	175.60829228	0.00004200	67.92305152	9.08450418	5.17	5.62394238	Y (371.029 nm)	Linear	0.99972	Fitted	-26.0550294873418	216311.862822474	0.00002264
Co 230.786	Co	n	0.01317281	0.01317281	mg/L	577.81605602	0.00044463	3.37536424	17.48660252	3.03	19.02338365	Y (371.029 nm)	Linear	0.99997	Fitted	43.7782215927577	39328.4199063949	0.01367594
Cr 267.716	Cr	n	0.03272249	0.03272249	mg/L	2399.23455584	0.00072026	2.20111414	52.21865771	2.18	5.55970103	Y (371.029 nm)	Linear	0.99997	Off-Peak Left+Right	20.1266331741009	72499.7904484812	0.03204182
Cu 324.754	Cu	n	0.19119273	0.19119273	mg/L	8910.06938797	0.00152010	0.79506028	66.62804052	0.75	21.24684838	Y (371.029 nm)	Linear	0.99992	Fitted	588.557197910467	43831.4262423811	0.18950749
Fe 259.940	Fe	no	64.66841679	64.66841679	mg/L	4395603.98111016	0.56073613	0.86709426	38113.74571673	0.87	10.61972193	Y (371.029 nm)	Linear	0.99994	Off-Peak Left+Right	36.5546132684872	67970.91086477	64.02531827
K 766.491	K-R	n	2.38152752	2.38152752	mg/L	3904.17540426	0.01384735	0.58144811	22.59401340	0.58	19.84138616	Y-R (371.029 nm)	Linear	1.00000	Fitted	42.4383366429514	1631.64927599152	2.37399022
Li 670.783	Li-R	n	0.00731146	0.00731146	mg/L	909.35578425	0.00024061	3.29080770	27.69609336	3.05	4.80931472	Y-R (371.029 nm)	Linear	1.00000	FACT	53.5763080571273	115109.694363644	0.00738256
Mg 279.800	Mg-R	n	3.79266525	3.79266525	mg/L	10668.28243707	0.03001871	0.79149367	83.30892486	0.78	3.53568227	Y-R (371.029 nm)	Linear	1.00000	Fitted	111.675602641401	2775.23376315608	3.77066090
Mn 257.610	Mn	n	0.49672597	0.49672597	mg/L	243885.07083792	0.00382400	0.76984128	1873.58078110	0.77	5.94072524	Y (371.029 nm)	Linear	0.99990	Fitted	523.246652406393	489952.927445074	0.49257795
Mo 204.598	Mo	n	0.00087918	0.00087918	mg/L	33.80873636	0.00048973	55.70362731	5.45850583	16.15	3.89152228	Y (371.029 nm)	Linear	1.00000	Fitted	19.089588126705	11145.8777676476	0.00065558
Na 589.592	Na-R	n	5.09602013	5.09602013	mg/L	60787.01695324	0.02807735	0.55096622	324.41131656	0.53	19.04232273	Y-R (371.029 nm)	Linear	1.00000	Fitted	2238.9107726026	11554.2002324052	5.07639727
Ni 231.604	Ni	n	0.04311723	0.04311723	mg/L	1351.64829630	0.00023325	0.54096261	6.39519087	0.47	3.44177854	Y (371.029 nm)	Linear	0.99998	Off-Peak Left+Right	187.372425032713	27417.9784110399	0.04296948
P 177.434	P	n	0.89404452	0.89404452	mg/L	207.32573576	0.01535015	1.71693299	3.46656707	1.67		Y (371.029 nm)	Linear	1.00000	Fitted	5.26224648069594	225.832848686858	0.88325188
Pb 220.353	Pb	n	1.13920548	1.13920548	mg/L	10391.13571650	0.00509845	0.44754452	45.70278460	0.44	25.09022586	Y (371.029 nm)	Linear	0.99996	Off-Peak Right	171.026977801425	8964.05158812345	1.13510584
S 181.972	S	n	4.67391848	4.67391848	mg/L	7154.22538813	0.01686755	0.36088674	25.35716624	0.35		Y (371.029 nm)	Linear	1.00000	Fitted	129.948723818944	1503.31039459955	4.69294656
Sb 206.834	Sb	nu	-0.00852285	-0.00852285	mg/L	-47.51216637	0.00169234	19.85655362	6.81276899	14.34	6.03486237	Y (371.029 nm)	Linear	0.99998	Off-Peak Right	-34.5571991267422	4025.64125642531	-0.00664872
Se 196.026	Se	n	0.01032224	0.01032224	mg/L	59.53790110	0.00070544	6.83414294	2.91380252	4.89	2.29875901	Y (371.029 nm)	Linear	0.99990	Fitted	32.7303760974339	4130.49472280005	0.01016749
Si 251.611	Si	n	3.93772004	3.93772004	mg/L	35257.26417468	0.03907889	0.99242425	349.25652355	0.99		Y (371.029 nm)	Linear	1.00000	Fitted	98.3187416870542	8937.21737151692	3.95464399
Sn 189.925	Sn	n	0.05128536	0.05128536	mg/L	689.49615286	0.00049939	0.97374177	6.30933312	0.92	12.26165207	Y (371.029 nm)	Linear	0.99995	Fitted	39.5541885268555	12634.1568554032	0.05074035
Sr 421.552	Sr-R	n	0.01454556	0.01454556	mg/L	7755.10235751	0.00010599	0.72867121	54.14184447	0.70	4.03830839	Y-R (371.029 nm)	Linear	0.99994	Fitted	208.594109201771	510823.627022499	0.01450385
Ti 334.941	Ti	n	0.17363971	0.17363971	mg/L	65392.95821012	0.01486402	8.56026753	5582.78361222	8.54	3.40632998	Y (371.029 nm)	Linear	0.99999	Fitted	220.002205964814	375590.339424497	0.19073399
Tl 190.794	Tl	nu	-0.00469705	-0.00469705	mg/L	-16.14794021	0.00222257	47.31846607	8.65797183	53.62	10.21151594	Y (371.029 nm)	Linear	0.99992	Fitted	1.31691436736463	3895.47190652993	-0.00272338
V 292.401	V	n	0.00610724	0.00610724	mg/L	186.45113997	0.00024318	3.98185508	9.88278539	5.30	2.55424749	Y (371.029 nm)	Linear	1.00000	Off-Peak Left+Right	17.8006478267166	40639.5511768207	0.00600698
Zn 206.200	Zn	n	14.04552452	14.04552452	mg/L	920700.07334972	0.06431705	0.45791850	4217.24877548	0.46	7.02046350	Y (371.029 nm)	Linear	0.99960	Fitted	97.9001412786361	65569.6812260482	13.97328360
Y 371.029	Y		0.93	0.93	Ratio	619279.36	0.02	1.82	11271.63	1.82		-	-	-	Fitted	-	-	0.91
Y 371.029	Y-R		1.03	1.03	Ratio	160760.90	0.01	0.69	1111.74	0.69		-	-	-	Fitted	-	-	1.04

ENTHALPY SAMPLE USER REPORT FOR EPA 6010B

Inst:	MET09	Lab ID:	489010-014	Client ID:	AFRAME-C7W-LAT-L3-UP-C7.1-DG-230724-L-LA
Seqnum:	673297193225.1	Matrix:	Wipe	Acct:	RINCON-BERK (JG)
File:	icp data	Batch:	318869	Time:	25-JUL-2023 21:03
Cal:	673297193001	Caldate:	25-JUL-2023		
IDF:	1.0	Raw Units:	mg/L	Units:	ug/ft2

- 1.00 ft2 ⇨ 50.0 ml = 50.0 ml/ft2 PDF

Analyte	Ch	Raw	Result	RL	Blank	Flags
Lead	A	1.564	78	0.50		!<a+ u

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	SAMPLE Abund	%Drift
Yttrium	A	666361	618816	-7.14

!=warning +=high bias <=opening a=ICSA u=use

Instrument ID: MET09

Label:	489010-014,318869	Rack:Tube:	3:57	Type:	Sample
Date Time:	7/25/2023 9:03:02 PM	Weight:	1	Volume:	1
Dilution:	1	%RSE limit:	-	Calibration Coefficient [3]:	-
LIMS ID:		Customer:		Customer Ref.:	
Sample Date Time:		Sample Site:		Description:	
Replicates:	3				

Element	Element Label	Flags	Unadjusted Data	Concentration	Unit	Intensity	Concentration SD	Concentration % RSD	Intensity SD	Intensity % RSD	%RSE	Internal Standard	Calibration fit	Correlation coefficient	Background correction	Calibration Coefficient [1]	Calibration Coefficient [2]	Concentration Replicate 1
Ag 328.068	Ag	n	0.00047834	0.00047834	mg/L	515.42761954	0.00029525	61.72388294	25.89065194	5.02		Y (371.029 nm)	Linear	1.00000	Fitted	572.502077445868	87689.9995285448	0.00079609
Al 396.152	Al	n	2.77768392	2.77768392	mg/L	109302.16969588	0.03543597	1.27573799	1379.27315024	1.26	15.39233378	Y (371.029 nm)	Linear	0.99998	Fitted	1205.56470480183	38922.9696497508	2.73687945
As 188.980	As	n	0.04901333	0.04901333	mg/L	308.28012181	0.00078096	1.59336944	4.27624780	1.39	2.71184674	Y (371.029 nm)	Linear	0.99996	Fitted	37.5874680560493	5475.60572556616	0.04912650
B 249.678	B	n	0.00596150	0.00596150	mg/L	536.70603126	0.00123848	20.77457848	44.51574458	8.29	4.67623197	Y (371.029 nm)	Linear	1.00000	Fitted	355.723406422493	35943.960009001	0.00584645
Ba 230.424	Ba	n	0.01378101	0.01378101	mg/L	1480.66243144	0.00009055	0.65704204	7.52236131	0.51	2.99500977	Y (371.029 nm)	Linear	0.99991	Fitted	320.944546456498	83076.8287015984	0.01367904
Be 313.107	Be	nu	-0.00006548	-0.00006548	mg/L	109.78227724	0.00000643	9.81474627	17.63823061	16.07	1.07961226	Y (371.029 nm)	Linear	1.00000	Fitted	314.299724647743	2744424.42090531	-0.0000728
Ca 317.933	Ca-R	n	10.69981512	10.69981512	mg/L	172219.79154556	0.09833396	0.91902482	1560.60060419	0.91	22.37721428	Y-R (371.029 nm)	Linear	0.99999	Fitted	1769.7142084379	15870.4140866595	10.7351651
Cd 214.439	Cd	n	0.00021588	0.00021588	mg/L	342.69273981	0.00009499	44.00137015	20.54723819	6.00	5.62394238	Y (371.029 nm)	Linear	0.99972	Fitted	-26.0550294873418	216311.862822474	0.00011578
Co 230.786	Co	n	0.01499958	0.01499958	mg/L	660.86007499	0.00072667	4.84461925	28.57887903	4.32	19.02338365	Y (371.029 nm)	Linear	0.99997	Fitted	43.7782215927577	39328.4199063949	0.01444874
Cr 267.716	Cr	n	0.07925539	0.07925539	mg/L	5777.76311739	0.00100589	1.26917307	72.92667209	1.26	5.55970103	Y (371.029 nm)	Linear	0.99997	Off-Peak Left+Right	20.1266331741009	72499.7904484812	0.07850308
Cu 324.754	Cu	n	0.35154562	0.35154562	mg/L	15896.22053029	0.00296292	0.84282713	129.86909204	0.82	21.24684838	Y (371.029 nm)	Linear	0.99992	Fitted	588.557197910467	43831.4262423811	0.34833641
Fe 259.940	Fe	no	108.13927232	108.13927232	mg/L	7350357.59040892	0.80609609	0.74542400	54791.08522656	0.75	10.61972193	Y (371.029 nm)	Linear	0.99994	Off-Peak Left+Right	36.5546132684872	67970.91086477	107.213327
K 766.491	K-R	n	2.70495745	2.70495745	mg/L	4415.06692227	0.04642021	1.71611612	75.74150349	1.72	19.84138616	Y-R (371.029 nm)	Linear	1.00000	Fitted	42.4383366429514	1631.64927599152	2.73915220
Li 670.783	Li-R	n	0.00855577	0.00855577	mg/L	1061.28270725	0.00050129	5.85910425	57.70350566	5.44	4.80931472	Y-R (371.029 nm)	Linear	1.00000	FACT	53.5763080571273	115109.694363644	0.00854285
Mg 279.800	Mg-R	n	4.86503507	4.86503507	mg/L	13666.73872251	0.03740682	0.76889110	103.81267394	0.76	3.53568227	Y-R (371.029 nm)	Linear	1.00000	Fitted	111.675602641401	2775.23376315608	4.88906520
Mn 257.610	Mn	n	0.63510786	0.63510786	mg/L	311680.51734250	0.00440153	0.69303713	2156.54412064	0.69	5.94072524	Y (371.029 nm)	Linear	0.99990	Fitted	523.246652406393	489952.927445074	0.63047574
Mo 204.598	Mo	n	0.00176287	0.00176287	mg/L	47.05724317	0.00108691	61.65547515	12.11454840	25.74	3.89152228	Y (371.029 nm)	Linear	1.00000	Fitted	19.089588126705	11145.8777676476	0.00277263
Na 589.592	Na-R	n	5.84091818	5.84091818	mg/L	69166.28730036	0.06523915	1.11693316	753.78622715	1.09	19.04232273	Y-R (371.029 nm)	Linear	1.00000	Fitted	2238.9107726026	11554.2002324052	5.86550568
Ni 231.604	Ni	n	0.49218095	0.49218095	mg/L	13651.94532800	0.00446556	0.90729993	122.43655833	0.90	3.44177854	Y (371.029 nm)	Linear	0.99998	Off-Peak Left+Right	187.372425032713	27417.9784110399	0.48708526
P 177.434	P	n	1.00409151	1.00409151	mg/L	232.28949107	0.00947223	0.94336357	2.13914149	0.92		Y (371.029 nm)	Linear	1.00000	Fitted	5.26224648069594	225.832848686858	0.99384170
Pb 220.353	Pb	n	1.56408722	1.56408722	mg/L	14205.91341358	0.01122382	0.71759544	100.61088864	0.71	25.09022586	Y (371.029 nm)	Linear	0.99996	Off-Peak Right	171.026977801425	8964.05158812345	1.55260744
S 181.972	S	n	4.56673230	4.56673230	mg/L	6991.42852855	0.02705168	0.59236400	40.66706859	0.58		Y (371.029 nm)	Linear	1.00000	Fitted	129.948723818944	1503.31039459955	4.59078778
Sb 206.834	Sb	n	0.01791152	0.01791152	mg/L	73.88636954	0.00111121	6.20389448	4.47333959	6.05	6.03486237	Y (371.029 nm)	Linear	0.99998	Off-Peak Right	-34.5571991267422	4025.64125642531	0.01899016
Se 196.026	Se	n	0.01093111	0.01093111	mg/L	50.83116803	0.00167464	15.31993121	6.91708372	13.61	2.29875901	Y (371.029 nm)	Linear	0.99990	Fitted	32.7303760974339	4130.49472280005	0.00958608
Si 251.611	Si	n	6.21905590	6.21905590	mg/L	55622.63677921	0.07136153	1.14746565	637.77350929	1.15		Y (371.029 nm)	Linear	1.00000	Fitted	98.3187416870542	8937.21737151692	6.29422310
Sn 189.925	Sn	n	0.08904612	0.08904612	mg/L	1168.02440349	0.00146277	1.64271533	18.48091952	1.58	12.26165207	Y (371.029 nm)	Linear	0.99995	Fitted	39.5541885268555	12634.1568554032	0.08736056
Sr 421.552	Sr-R	n	0.01828898	0.01828898	mg/L	9723.53597230	0.00021147	1.15624894	108.02189985	1.11	4.03830839	Y-R (371.029 nm)	Linear	0.99994	Fitted	208.594109201771	510823.627022499	0.01830508
Ti 334.941	Ti	n	0.36910299	0.36910299	mg/L	138777.30520759	0.04813593	13.04132883	18079.39181339	13.03	3.40632998	Y (371.029 nm)	Linear	0.99999	Fitted	220.002205964814	375590.339424497	0.40790290
Tl 190.794	Tl	nu	-0.00474033	-0.00474033	mg/L	-15.77355124	0.00060150	12.68906485	2.34314142	14.85	10.21151594	Y (371.029 nm)	Linear	0.99992	Fitted	1.31691436736463	3895.47190652993	-0.0053290
V 292.401	V	n	0.01055344	0.01055344	mg/L	310.77846694	0.00016110	1.52651911	6.54704171	2.11	2.55424749	Y (371.029 nm)	Linear	1.00000	Off-Peak Left+Right	17.8006478267166	40639.5511768207	0.01036743
Zn 206.200	Zn	n	4.15153481	4.15153481	mg/L	271711.46612661	0.02516574	0.60617929	1650.10982030	0.61	7.02046350	Y (371.029 nm)	Linear	0.99960	Fitted	97.9001412786361	65569.6812260482	4.12272389
Y 371.029	Y		0.93	0.93	Ratio	618816.11	0.02	1.71	10588.65	1.71		-	-	-	Fitted	-	-	0.91
Y 371.029	Y-R		1.04	1.04	Ratio	161985.45	0.01	1.08	1749.60	1.08		-	-	-	Fitted	-	-	1.04

ENTHALPY SAMPLE USER REPORT FOR EPA 6010B

Inst:	MET09	Lab ID:	489010-016	Client ID:	AFRAME-C7W-MED-L3-UP-C7.6-HM-230724-L-CB
Seqnum:	673297193226.1	Matrix:	Wipe	Acct:	RINCON-BERK (JG)
File:	icp data	Batch:	318869	Time:	25-JUL-2023 21:06
Cal:	673297193001	Caldate:	25-JUL-2023		
IDF:	1.0	Raw Units:	mg/L	Units:	ug/ft2

- 1.00 ft2 ⇨ 50.0 ml = 50.0 ml/ft2 PDF

Analyte	Ch	Raw	Result	RL	Blank	Flags
Lead	A	0.4672	23	0.50		!<a+ u

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	SAMPLE Abund	%Drift
Yttrium	A	666361	618916	-7.12

!=warning +=high bias <=opening a=ICSA u=use

Instrument ID: MET09

Label:	489010-016,318869	Rack:Tube:	3:58	Type:	Sample
Date Time:	7/25/2023 9:06:10 PM	Weight:	1	Volume:	1
Dilution:	1	%RSE limit:	-	Calibration Coefficient [3]:	-
LIMS ID:		Customer:		Customer Ref.:	
Sample Date Time:		Sample Site:		Description:	
Replicates:	3				

Element	Element Label	Flags	Unadjusted Data	Concentration	Unit	Intensity	Concentration SD	Concentration % RSD	Intensity SD	Intensity % RSD	%RSE	Internal Standard	Calibration fit	Correlation coefficient	Background correction	Calibration Coefficient [1]	Calibration Coefficient [2]	Concentration Replicate 1
Ag 328.068	Ag	n	0.00041146	0.00041146	mg/L	551.15159219	0.00024469	59.46907800	21.45705610	3.89		Y (371.029 nm)	Linear	1.00000	Fitted	572.502077445868	87689.9995285448	0.00015541
Al 396.152	Al	n	2.23722290	2.23722290	mg/L	88275.43652172	0.03343294	1.49439456	1301.30920694	1.47	15.39233378	Y (371.029 nm)	Linear	0.99998	Fitted	1205.56470480183	38922.9696497508	2.20025502
As 188.980	As	n	0.05519269	0.05519269	mg/L	341.24318609	0.00128641	2.33076998	7.04389915	2.06	2.71184674	Y (371.029 nm)	Linear	0.99996	Fitted	37.5874680560493	5475.60572556616	0.05661074
B 249.678	B	n	0.00851382	0.00851382	mg/L	642.82365839	0.00044143	5.18488105	15.86679032	2.47	4.67623197	Y (371.029 nm)	Linear	1.00000	Fitted	355.723406422493	35943.960009001	0.00894664
Ba 230.424	Ba	n	0.00915084	0.00915084	mg/L	1106.77835061	0.00008349	0.91237475	6.93607705	0.63	2.99500977	Y (371.029 nm)	Linear	0.99991	Fitted	320.944546456498	83076.8287015984	0.00924628
Be 313.107	Be	nu	-0.00007548	-0.00007548	mg/L	93.04935163	0.00000140	1.85237600	3.83735743	4.12	1.07961226	Y (371.029 nm)	Linear	1.00000	Fitted	314.299724647743	2744424.42090531	-0.00007389
Ca 317.933	Ca-R	n	9.91786717	9.91786717	mg/L	159531.22616610	0.14168849	1.42861851	2248.65494102	1.41	22.37721428	Y-R (371.029 nm)	Linear	0.99999	Fitted	1769.7142084379	15870.4140866595	10.05662024
Cd 214.439	Cd	nu	-0.00020838	-0.00020838	mg/L	112.02059789	0.00002673	12.82972283	5.78294813	5.16	5.62394238	Y (371.029 nm)	Linear	0.99972	Fitted	-26.0550294873418	216311.862822474	-0.00022080
Co 230.786	Co	n	0.00790493	0.00790493	mg/L	370.24546708	0.00048639	6.15304280	19.12910867	5.17	19.02338365	Y (371.029 nm)	Linear	0.99997	Fitted	43.7782215927577	39328.4199063949	0.00841962
Cr 267.716	Cr	n	0.02585742	0.02585742	mg/L	1901.33446794	0.00158977	6.14822016	115.25805133	6.06	5.55970103	Y (371.029 nm)	Linear	0.99997	Off-Peak Left+Right	20.1266331741009	72499.7904484812	0.02426088
Cu 324.754	Cu	n	0.28359470	0.28359470	mg/L	12962.09874458	0.00277340	0.97794513	121.56210044	0.94	21.24684838	Y (371.029 nm)	Linear	0.99992	Fitted	588.557197910467	43831.4262423811	0.28072851
Fe 259.940	Fe	no	62.85465364	62.85465364	mg/L	4272320.62421524	0.66164044	1.05265147	44972.30323504	1.05	10.61972193	Y (371.029 nm)	Linear	0.99994	Off-Peak Left+Right	36.5546132684872	67970.91086477	62.15722682
K 766.491	K-R	n	2.36279318	2.36279318	mg/L	3874.08344888	0.01547481	0.65493697	25.24945600	0.65	19.84138616	Y-R (371.029 nm)	Linear	1.00000	Fitted	42.4383366429514	1631.64927599152	2.35511816
Li 670.783	Li-R	n	0.00808577	0.00808577	mg/L	998.58811268	0.00100189	12.39079106	115.32740255	11.55	4.80931472	Y-R (371.029 nm)	Linear	1.00000	FACT	53.5763080571273	115109.694363644	0.00909199
Mg 279.800	Mg-R	n	4.31039833	4.31039833	mg/L	12104.12214645	0.05633947	1.30705938	156.35518738	1.29	3.53568227	Y-R (371.029 nm)	Linear	1.00000	Fitted	111.675602641401	2775.23376315608	4.36134238
Mn 257.610	Mn	n	0.32429082	0.32429082	mg/L	159399.02983814	0.00495641	1.52838380	2428.40678606	1.52	5.94072524	Y (371.029 nm)	Linear	0.99990	Fitted	523.246652406393	489952.927445074	0.31858083
Mo 204.598	Mo	n	0.00193132	0.00193132	mg/L	45.54447221	0.00091934	47.60150271	10.24682929	22.50	3.89152228	Y (371.029 nm)	Linear	1.00000	Fitted	19.089588126705	11145.8777676476	0.00295077
Na 589.592	Na-R	n	5.59303321	5.59303321	mg/L	66535.72277595	0.10648289	1.90384878	1230.32468464	1.85	19.04232273	Y-R (371.029 nm)	Linear	1.00000	Fitted	2238.9107726026	11554.2002324052	5.68807236
Ni 231.604	Ni	n	0.08446191	0.08446191	mg/L	2485.47690352	0.00078091	0.92456730	21.41089669	0.86	3.44177854	Y (371.029 nm)	Linear	0.99998	Off-Peak Left+Right	187.372425032713	27417.9784110399	0.08378946
P 177.434	P	n	0.89880254	0.89880254	mg/L	208.39763558	0.00820479	0.91285759	1.85291046	0.89		Y (371.029 nm)	Linear	1.00000	Fitted	5.26224648069594	225.832848686858	0.89280652
Pb 220.353	Pb	n	0.46722579	0.46722579	mg/L	4365.89950208	0.00048813	0.10447446	4.37563695	0.10	25.09022586	Y (371.029 nm)	Linear	0.99996	Off-Peak Right	171.026977801425	8964.05158812345	0.46691703
S 181.972	S	n	4.35822669	4.35822669	mg/L	6679.77621203	0.01229326	0.28207021	18.48058417	0.28		Y (371.029 nm)	Linear	1.00000	Fitted	129.948723818944	1503.31039459955	4.37242167
Sb 206.834	Sb	nu	-0.00436954	-0.00436954	mg/L	-31.36546974	0.00201162	46.03724108	8.09805204	25.82	6.03486237	Y (371.029 nm)	Linear	0.99998	Off-Peak Right	-34.5571991267422	4025.64125642531	-0.00205251
Se 196.026	Se	n	0.00927792	0.00927792	mg/L	55.64681756	0.00049825	5.37025655	2.05801228	3.70	2.29875901	Y (371.029 nm)	Linear	0.99990	Fitted	32.7303760974339	4130.49472280005	0.00976637
Si 251.611	Si	n	5.17680058	5.17680058	mg/L	46332.04108569	0.07034741	1.35889748	628.71011843	1.36		Y (371.029 nm)	Linear	1.00000	Fitted	98.3187416870542	8937.21737151692	5.10764484
Sn 189.925	Sn	n	0.07154559	0.07154559	mg/L	945.38918609	0.00058084	0.81185116	7.33847053	0.78	12.26165207	Y (371.029 nm)	Linear	0.99995	Fitted	39.5541885268555	12634.1568554032	0.07122604
Sr 421.552	Sr-R	n	0.01571073	0.01571073	mg/L	8356.79493558	0.00027350	1.74085240	139.71058067	1.67	4.03830839	Y-R (371.029 nm)	Linear	0.99994	Fitted	208.594109201771	510823.627022499	0.01599761
Ti 334.941	Ti	n	0.26694068	0.26694068	mg/L	100436.58576912	0.04486078	16.80552342	16849.27533086	16.78	3.40632998	Y (371.029 nm)	Linear	0.99999	Fitted	220.002205964814	375590.339424497	0.23939838
Tl 190.794	Tl	nu	-0.00498858	-0.00498858	mg/L	-17.27723360	0.00251336	50.38231272	9.79073893	56.67	10.21151594	Y (371.029 nm)	Linear	0.99992	Fitted	1.31691436736463	3895.47190652993	-0.00294180
V 292.401	V	n	0.00823039	0.00823039	mg/L	274.90471401	0.00027208	3.30580682	11.05724003	4.02	2.55424749	Y (371.029 nm)	Linear	1.00000	Off-Peak Left+Right	17.8006478267166	40639.5511768207	0.00812015
Zn 206.200	Zn	n	1.48105000	1.48105000	mg/L	96856.03368341	0.01273384	0.85978442	834.95364311	0.86	7.02046350	Y (371.029 nm)	Linear	0.99960	Fitted	97.9001412786361	65569.6812260482	1.46642391
Y 371.029	Y		0.93	0.93	Ratio	618915.77	0.02	1.69	10437.95	1.69		-	-	-	Fitted	-	-	0.91
Y 371.029	Y-R		1.03	1.03	Ratio	160832.30	0.01	1.31	2108.86	1.31		-	-	-	Fitted	-	-	1.02

ENTHALPY SAMPLE USER REPORT FOR EPA 6010B

Inst:	MET09	Lab ID:	489010-018	Client ID:	AFRAME-C6W-LAT-L3-UP-C6.4-DG-230724-L-LA
Seqnum:	673297193227.1	Matrix:	Wipe	Acct:	RINCON-BERK (JG)
File:	icp data	Batch:	318869	Time:	25-JUL-2023 21:09
Cal:	673297193001	Caldate:	25-JUL-2023		
IDF:	1.0	Raw Units:	mg/L	Units:	ug/ft2

- 1.00 ft2 ⇨ 50.0 ml = 50.0 ml/ft2 PDF

Analyte	Ch	Raw	Result	RL	Blank	Flags
Lead	A	0.8439	42	0.50		!<a+ u

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	SAMPLE Abund	%Drift
Yttrium	A	666361	620807	-6.84

!=warning +=high bias <=opening a=ICSA u=use

Instrument ID: MET09

Label:	489010-018,318869	Rack:Tube:	3:59	Type:	Sample
Date Time:	7/25/2023 9:09:18 PM	Weight:	1	Volume:	1
Dilution:	1	%RSE limit:	-	Calibration Coefficient [3]:	-
LIMS ID:		Customer:		Customer Ref.:	
Sample Date Time:		Sample Site:		Description:	
Replicates:	3				

Element	Element Label	Flags	Unadjusted Data	Concentration	Unit	Intensity	Concentration SD	Concentration % RSD	Intensity SD	Intensity % RSD	%RSE	Internal Standard	Calibration fit	Correlation coefficient	Background correction	Calibration Coefficient [1]	Calibration Coefficient [2]	Concentration Replicate 1
Ag 328.068	Ag	n	0.00070098	0.00070098	mg/L	570.78456680	0.00032515	46.38504602	28.51246879	5.00		Y (371.029 nm)	Linear	1.00000	Fitted	572.502077445868	87689.9995285448	0.00033929
Al 396.152	Al	n	2.41041214	2.41041214	mg/L	95014.56892907	0.02599665	1.07851466	1011.86674675	1.06	15.39233378	Y (371.029 nm)	Linear	0.99998	Fitted	1205.56470480183	38922.9696497508	2.38147519
As 188.980	As	n	0.04186360	0.04186360	mg/L	268.37785891	0.00154496	3.69045824	8.45958421	3.15	2.71184674	Y (371.029 nm)	Linear	0.99996	Fitted	37.5874680560493	5475.60572556616	0.04261247
B 249.678	B	n	0.00759596	0.00759596	mg/L	607.77580797	0.00046162	6.07717248	16.59243006	2.73	4.67623197	Y (371.029 nm)	Linear	1.00000	Fitted	355.723406422493	35943.960009001	0.00806061
Ba 230.424	Ba	n	0.01137399	0.01137399	mg/L	1285.13510783	0.00026950	2.36945561	22.38934651	1.74	2.99500977	Y (371.029 nm)	Linear	0.99991	Fitted	320.944546456498	83076.8287015984	0.01116580
Be 313.107	Be	nu	-0.00007742	-0.00007742	mg/L	86.14955269	0.00000196	2.52863051	5.37250553	6.24	1.07961226	Y (371.029 nm)	Linear	1.00000	Fitted	314.299724647743	2744424.42090531	-0.00007915
Ca 317.933	Ca-R	n	8.88750459	8.88750459	mg/L	143219.67825132	0.06201306	0.69775555	984.17288198	0.69	22.37721428	Y-R (371.029 nm)	Linear	0.99999	Fitted	1769.7142084379	15870.4140866595	8.93450162
Cd 214.439	Cd	n	0.00004210	0.00004210	mg/L	186.58301348	0.00002613	62.05385666	5.65119112	3.03	5.62394238	Y (371.029 nm)	Linear	0.99972	Fitted	-26.0550294873418	216311.862822474	0.00006033
Co 230.786	Co	n	0.00875674	0.00875674	mg/L	405.41431867	0.00054177	6.18686253	21.30686777	5.26	19.02338365	Y (371.029 nm)	Linear	0.99997	Fitted	43.7782215927577	39328.4199063949	0.00889405
Cr 267.716	Cr	n	0.03320647	0.03320647	mg/L	2434.90484350	0.00063345	1.90760274	45.92480982	1.89	5.55970103	Y (371.029 nm)	Linear	0.99997	Off-Peak Left+Right	20.1266331741009	72499.7904484812	0.03260512
Cu 324.754	Cu	n	0.32936459	0.32936459	mg/L	14961.64986945	0.00237828	0.72208247	104.24357737	0.70	21.24684838	Y (371.029 nm)	Linear	0.99992	Fitted	588.557197910467	43831.4262423811	0.32665412
Fe 259.940	Fe	no	69.50498828	69.50498828	mg/L	4724350.95799578	1.32842984	1.91127266	90294.58632732	1.91	10.61972193	Y (371.029 nm)	Linear	0.99994	Off-Peak Left+Right	36.5546132684872	67970.91086477	67.97496708
K 766.491	K-R	n	2.03280140	2.03280140	mg/L	3333.14422616	0.01806170	0.88851291	29.47036452	0.88	19.84138616	Y-R (371.029 nm)	Linear	1.00000	Fitted	42.4383366429514	1631.64927599152	2.02889031
Li 670.783	Li-R	n	0.00832307	0.00832307	mg/L	1026.90639934	0.00060018	7.21102078	69.08632165	6.73	4.80931472	Y-R (371.029 nm)	Linear	1.00000	FACT	53.5763080571273	115109.694363644	0.00845701
Mg 279.800	Mg-R	n	4.31866857	4.31866857	mg/L	12130.58329722	0.02975359	0.68895281	82.57316336	0.68	3.53568227	Y-R (371.029 nm)	Linear	1.00000	Fitted	111.675602641401	2775.23376315608	4.34416149
Mn 257.610	Mn	n	0.39983095	0.39983095	mg/L	196410.11839557	0.00233104	0.58300580	1142.09869937	0.58	5.94072524	Y (371.029 nm)	Linear	0.99990	Fitted	523.246652406393	489952.927445074	0.39714759
Mo 204.598	Mo	n	0.00212596	0.00212596	mg/L	48.21459954	0.00046751	21.99031672	5.21076629	10.81	3.89152228	Y (371.029 nm)	Linear	1.00000	Fitted	19.089588126705	11145.8777676476	0.00163462
Na 589.592	Na-R	n	5.56328422	5.56328422	mg/L	66159.68265652	0.03673290	0.66027367	424.41929111	0.64	19.04232273	Y-R (371.029 nm)	Linear	1.00000	Fitted	2238.9107726026	11554.2002324052	5.59389952
Ni 231.604	Ni	n	0.10353515	0.10353515	mg/L	3006.68409319	0.00081492	0.78709849	22.34355689	0.74	3.44177854	Y (371.029 nm)	Linear	0.99998	Off-Peak Left+Right	187.372425032713	27417.9784110399	0.10262165
P 177.434	P	n	0.86726704	0.86726704	mg/L	201.29258603	0.01097912	1.26594479	2.47944639	1.23		Y (371.029 nm)	Linear	1.00000	Fitted	5.26224648069594	225.832848686858	0.87665621
Pb 220.353	Pb	n	0.84390549	0.84390549	mg/L	7743.37666329	0.00115584	0.13696321	10.36100968	0.13	25.09022586	Y (371.029 nm)	Linear	0.99996	Off-Peak Right	171.026977801425	8964.05158812345	0.84318298
S 181.972	S	n	4.31454016	4.31454016	mg/L	6613.78774384	0.03091671	0.71657016	46.47740745	0.70		Y (371.029 nm)	Linear	1.00000	Fitted	129.948723818944	1503.31039459955	4.34973932
Sb 206.834	Sb	nu	-0.00414344	-0.00414344	mg/L	-28.23086749	0.00122966	29.67721250	4.95015596	17.53	6.03486237	Y (371.029 nm)	Linear	0.99998	Off-Peak Right	-34.5571991267422	4025.64125642531	-0.00552255
Se 196.026	Se	n	0.00888811	0.00888811	mg/L	52.32943926	0.00114391	12.87006893	4.72489708	9.03	2.29875901	Y (371.029 nm)	Linear	0.99990	Fitted	32.7303760974339	4130.49472280005	0.00816723
Si 251.611	Si	n	5.36030277	5.36030277	mg/L	47968.53899862	0.08001095	1.49265726	715.07523882	1.49		Y (371.029 nm)	Linear	1.00000	Fitted	98.3187416870542	8937.21737151692	5.30992580
Sn 189.925	Sn	n	0.06773819	0.06773819	mg/L	897.51891464	0.00075063	1.10813502	9.48358411	1.06	12.26165207	Y (371.029 nm)	Linear	0.99995	Fitted	39.5541885268555	12634.1568554032	0.06691434
Sr 421.552	Sr-R	n	0.01401728	0.01401728	mg/L	7491.60221490	0.00011038	0.78744179	56.38365060	0.75	4.03830839	Y-R (371.029 nm)	Linear	0.99994	Fitted	208.594109201771	510823.627022499	0.01404024
Ti 334.941	Ti	n	0.23150260	0.23150260	mg/L	87122.36943588	0.01109676	4.79336448	4167.83707615	4.78	3.40632998	Y (371.029 nm)	Linear	0.99999	Fitted	220.002205964814	375590.339424497	0.24408891
Tl 190.794	Tl	nu	-0.00611172	-0.00611172	mg/L	-21.58042911	0.00128377	21.00505678	5.00088787	23.17	10.21151594	Y (371.029 nm)	Linear	0.99992	Fitted	1.31691436736463	3895.47190652993	-0.00707798
V 292.401	V	n	0.00826728	0.00826728	mg/L	267.88220206	0.00024535	2.96777662	9.97108852	3.72	2.55424749	Y (371.029 nm)	Linear	1.00000	Off-Peak Left+Right	17.8006478267166	40639.5511768207	0.00855051
Zn 206.200	Zn	n	2.52364520	2.52364520	mg/L	165184.73207442	0.00648314	0.25689603	425.09770412	0.26	7.02046350	Y (371.029 nm)	Linear	0.99960	Fitted	97.9001412786361	65569.6812260482	2.52322529
Y 371.029	Y		0.93	0.93	Ratio	620807.07	0.02	2.14	13268.41	2.14		-	-	-	Fitted	-	-	0.91
Y 371.029	Y-R		1.04	1.04	Ratio	162175.78	0.00	0.29	476.94	0.29		-	-	-	Fitted	-	-	1.04

ENTHALPY SAMPLE USER REPORT FOR EPA 6010B

Inst:	MET09	Lab ID:	489010-020	Client ID:	AFRAME-C6W-MED-L3-UP-C6W-DG-230724-L-LA
Seqnum:	673297193228.1	Matrix:	Wipe	Acct:	RINCON-BERK (JG)
File:	icp data	Batch:	318869	Time:	25-JUL-2023 21:12
Cal:	673297193001	Caldate:	25-JUL-2023		
IDF:	1.0	Raw Units:	mg/L	Units:	ug/ft2

- 1.00 ft2 ⇨ 50.0 ml = 50.0 ml/ft2 PDF

Analyte	Ch	Raw	Result	RL	Blank	Flags
Lead	A	1.127	56	0.50		!<a+ u

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	SAMPLE Abund	%Drift
Yttrium	A	666361	617210	-7.38

!=warning +=high bias <=opening a=ICSA u=use

Instrument ID: MET09

Label:	489010-020,318869	**Rack:Tube:**	3:60	**Type:**	Sample
Date Time:	7/25/2023 9:12:25 PM	**Weight:**	1	**Volume:**	1
Dilution:	1	**%RSE limit:**	-	**Calibration Coefficient [3]:**	-
LIMSID:		**Customer:**		**Customer Ref.:**	
Sample Date Time:		**Sample Site:**		**Description:**	
Replicates:	3				

Element	Element Label	Flags	Unadjusted Data	Concentration	Unit	Intensity	Concentration SD	Concentration % RSD	Intensity SD	Intensity % RSD	%RSE	Internal Standard	Calibration fit	Correlation coefficient	Background correction	Calibration Coefficient [1]	Calibration Coefficient [2]	Concentration Replicate 1
Ag 328.068	Ag	n	0.00070019	0.00070019	mg/L	552.16111764	0.00073886	105.52290130	64.79086104	11.73		Y (371.029 nm)	Linear	1.00000	Fitted	572.502077445868	87689.9995285448	0.00151529
Al 396.152	Al	n	3.06432975	3.06432975	mg/L	120463.14205884	0.03143939	1.02597926	1223.71433554	1.02	15.39233378	Y (371.029 nm)	Linear	0.99998	Fitted	1205.56470480183	38922.9696497508	3.03193775
As 188.980	As	n	0.04299061	0.04299061	mg/L	274.99637137	0.00138032	3.21075012	7.55809310	2.75	2.71184674	Y (371.029 nm)	Linear	0.99996	Fitted	37.5874680560493	5475.60572556616	0.04239533
B 249.678	B	n	0.00675779	0.00675779	mg/L	571.37647455	0.00079453	11.75718527	28.55840337	5.00	4.67623197	Y (371.029 nm)	Linear	1.00000	Fitted	355.723406422493	35943.960009001	0.00708841
Ba 230.424	Ba	n	0.01318317	0.01318317	mg/L	1434.99498146	0.00029481	2.23629426	24.49225615	1.71	2.99500977	Y (371.029 nm)	Linear	0.99991	Fitted	320.944546456498	83076.8287015984	0.01346083
Be 313.107	Be	nu	-0.00006295	-0.00006295	mg/L	121.14213208	0.00000270	4.28455761	7.40259946	6.11	1.07961226	Y (371.029 nm)	Linear	1.00000	Fitted	314.299724647743	2744424.42090531	-0.00006347
Ca 317.933	Ca-R	n	10.10318049	10.10318049	mg/L	162635.29241336	0.05065374	0.50136433	803.89587859	0.49	22.37721428	Y-R (371.029 nm)	Linear	0.99999	Fitted	1769.7142084379	15870.4140866595	10.0511785(
Cd 214.439	Cd	n	0.00015697	0.00015697	mg/L	272.67739419	0.00008057	51.33282477	17.42927160	6.39	5.62394238	Y (371.029 nm)	Linear	0.99972	Fitted	-26.0550294873418	216311.862822474	0.00021683
Co 230.786	Co	n	0.01281995	0.01281995	mg/L	570.34127590	0.00037905	2.95669125	14.90729054	2.61	19.02338365	Y (371.029 nm)	Linear	0.99997	Fitted	43.7782215927577	39328.4199063949	0.01258609
Cr 267.716	Cr	n	0.06618375	0.06618375	mg/L	4828.01597155	0.00050639	0.76513170	36.71337386	0.76	5.55970103	Y (371.029 nm)	Linear	0.99997	Off-Peak Left+Right	20.1266331741009	72499.7904484812	0.06565900
Cu 324.754	Cu	n	0.28307641	0.28307641	mg/L	12913.41264240	0.00163872	0.57889529	71.82725888	0.56	21.24684838	Y (371.029 nm)	Linear	0.99992	Fitted	588.557197910467	43831.4262423811	0.28118631
Fe 259.940	Fe	no	91.13513807	91.13513807	mg/L	6194571.73329160	0.49961482	0.54821316	33959.27463397	0.55	10.61972193	Y (371.029 nm)	Linear	0.99994	Off-Peak Left+Right	36.5546132684872	67970.91086477	90.6566049
K 766.491	K-R	n	2.06380382	2.06380382	mg/L	3376.01072280	0.00431266	0.20896635	7.03674136	0.21	19.84138616	Y-R (371.029 nm)	Linear	1.00000	Fitted	42.4383366429514	1631.64927599152	2.06702124
Li 670.783	Li-R	n	0.00853904	0.00853904	mg/L	1055.73757151	0.00052470	6.14466319	60.39751201	5.72	4.80931472	Y-R (371.029 nm)	Linear	1.00000	FACT	53.5763080571273	115109.694363644	0.00852225
Mg 279.800	Mg-R	n	4.60652206	4.60652206	mg/L	12939.66075241	0.01945826	0.42240674	54.00121868	0.42	3.53568227	Y-R (371.029 nm)	Linear	1.00000	Fitted	111.675602641401	2775.23376315608	4.58580985
Mn 257.610	Mn	n	0.58545371	0.58545371	mg/L	287353.89284672	0.00344297	0.58808575	1686.89315241	0.59	5.94072524	Y (371.029 nm)	Linear	0.99990	Fitted	523.246652406393	489952.927445074	0.58152382
Mo 204.598	Mo	n	0.00217958	0.00217958	mg/L	50.38981876	0.00065477	30.04127250	7.29803985	14.48	3.89152228	Y (371.029 nm)	Linear	1.00000	Fitted	19.089588126705	11145.8777676476	0.00142836
Na 589.592	Na-R	n	5.19659184	5.19659184	mg/L	61818.54925555	0.02262205	0.43532476	261.37970802	0.42	19.04232273	Y-R (371.029 nm)	Linear	1.00000	Fitted	2238.9107726026	11554.2002324052	5.17057427
Ni 231.604	Ni	n	0.39786084	0.39786084	mg/L	11070.97805257	0.00253271	0.63658278	69.44188598	0.63	3.44177854	Y (371.029 nm)	Linear	0.99998	Off-Peak Left+Right	187.372425032713	27417.9784110399	0.39515321
P 177.434	P	n	0.92781421	0.92781421	mg/L	215.01747078	0.01663467	1.79288841	3.75665568	1.75		Y (371.029 nm)	Linear	1.00000	Fitted	5.26224648069594	225.832848686858	0.92823956
Pb 220.353	Pb	n	1.12739323	1.12739323	mg/L	10287.15446526	0.00289566	0.25684603	25.95688882	0.25	25.09022586	Y (371.029 nm)	Linear	0.99996	Off-Peak Right	171.026977801425	8964.05158812345	1.12490598
S 181.972	S	n	4.21643280	4.21643280	mg/L	6465.55545072	0.03691454	0.87549218	55.49401076	0.86		Y (371.029 nm)	Linear	1.00000	Fitted	129.948723818944	1503.31039459955	4.25895854
Sb 206.834	Sb	n	0.01252432	0.01252432	mg/L	45.72519340	0.00341646	27.27861427	13.75344727	30.08	6.03486237	Y (371.029 nm)	Linear	0.99998	Off-Peak Right	-34.5571991267422	4025.64125642531	0.00865746
Se 196.026	Se	n	0.00682164	0.00682164	mg/L	38.65804155	0.00194183	28.46576860	8.02072356	20.75	2.29875901	Y (371.029 nm)	Linear	0.99990	Fitted	32.7303760974339	4130.49472280005	0.00478342
Si 251.611	Si	n	6.41757273	6.41757273	mg/L	57406.86490795	0.07325620	1.14149390	654.70659729	1.14		Y (371.029 nm)	Linear	1.00000	Fitted	98.3187416870542	8937.21737151692	6.33555090
Sn 189.925	Sn	n	0.07786631	0.07786631	mg/L	1026.13917352	0.00122901	1.57836203	15.52753291	1.51	12.26165207	Y (371.029 nm)	Linear	0.99995	Fitted	39.5541885268555	12634.1568554032	0.07686517
Sr 421.552	Sr-R	n	0.01637907	0.01637907	mg/L	8725.82323004	0.00009691	0.59166952	49.50388549	0.57	4.03830839	Y-R (371.029 nm)	Linear	0.99994	Fitted	208.594109201771	510823.627022499	0.01644430
Ti 334.941	Ti	n	0.34177071	0.34177071	mg/L	128524.32842875	0.00777112	2.27378248	2918.75853025	2.27	3.40632998	Y (371.029 nm)	Linear	0.99999	Fitted	220.002205964814	375590.339424497	0.33878141
Tl 190.794	Tl	nu	-0.00607736	-0.00607736	mg/L	-21.19594880	0.00055032	9.05521662	2.14374829	10.11	10.21151594	Y (371.029 nm)	Linear	0.99992	Fitted	1.31691436736463	3895.47190652993	-0.00665915
V 292.401	V	n	0.01050822	0.01050822	mg/L	333.13045169	0.00027992	2.66380747	11.37577506	3.41	2.55424749	Y (371.029 nm)	Linear	1.00000	Off-Peak Left+Right	17.8006478267166	40639.5511768207	0.01030358
Zn 206.200	Zn	n	2.58888462	2.58888462	mg/L	169350.83487526	0.00797294	0.30796804	522.78295018	0.31	7.02046350	Y (371.029 nm)	Linear	0.99960	Fitted	97.9001412786361	65569.6812260482	2.58853793
Y 371.029	Y		0.93	0.93	Ratio	617209.99	0.02	1.92	11842.16	1.92		-	-	-	Fitted	-	-	0.91
Y 371.029	Y-R		1.04	1.04	Ratio	162504.00	0.01	0.72	1162.27	0.72		-	-	-	Fitted	-	-	1.05

ENTHALPY SAMPLE USER REPORT FOR EPA 6010B

Inst:	MET09	Lab ID:	489010-022	Client ID:	AFRAME-C7W-MED-L3-UP-C7W-DG-230724-L-LA
Seqnum:	673297193231.1	Matrix:	Wipe	Acct:	RINCON-BERK (JG)
File:	icp data	Batch:	318869	Time:	25-JUL-2023 21:21
Cal:	673297193001	Caldate:	25-JUL-2023		
IDF:	1.0	Raw Units:	mg/L	Units:	ug/ft2

- 1.00 ft2 ⇨ 50.0 ml = 50.0 ml/ft2 PDF

Analyte	Ch	Raw	Result	RL	Blank	Flags
Lead	A	0.8608	43	0.50		!<a+ u

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	SAMPLE Abund	%Drift
Yttrium	A	666361	620032	-6.95

!=warning +=high bias <=opening a=ICSA u=use

Instrument ID: MET09

Label: 489010-022,318869 | Rack:Tube: 4:1 | Type: Sample
Date Time: 7/25/2023 9:21:49 PM | Weight: 1 | Volume: 1
Dilution: 1 | %RSE limit: - | Calibration Coefficient [3]: -
LIMS ID: | Customer: | Customer Ref.:
Sample Date Time: | Sample Site: | Description:
Replicates: 3

Element	Element Label	Flags	Unadjusted Data	Concentration	Unit	Intensity	Concentration SD	Concentration % RSD	Intensity SD	Intensity % RSD	%RSE	Internal Standard	Calibration fit	Correlation coefficient	Background correction	Calibration Coefficient [1]	Calibration Coefficient [2]	Concentration Replicate 1
Ag 328.068	Ag	n	0.00131360	0.00131360	mg/L	583.50049493	0.00067700	51.53778889	59.36631967	10.17		Y (371.029 nm)	Linear	1.00000	Fitted	572.502077445868	87689.9995285448	0.0010163
Al 396.152	Al	n	2.93206729	2.93206729	mg/L	115309.16555963	0.05820325	1.98505861	2265.44350083	1.96	15.39233378	Y (371.029 nm)	Linear	0.99998	Fitted	1205.56470480183	38922.9696497508	2.8659514
As 188.980	As	n	0.04659627	0.04659627	mg/L	295.15232844	0.00104626	2.24537674	5.72891709	1.94	2.71184674	Y (371.029 nm)	Linear	0.99996	Fitted	37.5874680560493	5475.60572556616	0.0458205
B 249.678	B	n	0.00510969	0.00510969	mg/L	504.19596423	0.00010724	2.09882102	3.85474332	0.76	4.67623197	Y (371.029 nm)	Linear	1.00000	Fitted	355.723406422493	35943.960009001	0.0051400
Ba 230.424	Ba	n	0.01223160	0.01223160	mg/L	1343.08036509	0.00033063	2.70309063	27.46778938	2.05	2.99500977	Y (371.029 nm)	Linear	0.99991	Fitted	320.944546456498	83076.8287015984	0.0119913
Be 313.107	Be	nu	-0.00006732	-0.00006732	mg/L	103.25069504	0.00000747	11.09200007	20.49211317	19.85	1.07961226	Y (371.029 nm)	Linear	1.00000	Fitted	314.299724647743	2744424.42090531	-0.000074
Ca 317.933	Ca-R	n	8.95679785	8.95679785	mg/L	144595.61438166	0.04373199	0.48825469	694.04472228	0.48	22.37721428	Y-R (371.029 nm)	Linear	0.99999	Fitted	1769.7142084379	15870.4140866595	8.9273415
Cd 214.439	Cd	n	0.00029280	0.00029280	mg/L	378.41583055	0.00003442	11.75554805	7.44548698	1.97	5.62394238	Y (371.029 nm)	Linear	0.99972	Fitted	-26.0550294873418	216311.862822474	0.0003044
Co 230.786	Co	n	0.01504458	0.01504458	mg/L	664.16947278	0.00068078	4.52506237	26.77387712	4.03	19.02338365	Y (371.029 nm)	Linear	0.99997	Fitted	43.7782215927577	39328.4199063949	0.0142595
Cr 267.716	Cr	n	0.07677143	0.07677143	mg/L	5598.41157553	0.00183120	2.38525960	132.76146375	2.37	5.55970103	Y (371.029 nm)	Linear	0.99997	Off-Peak Left+Right	20.1266331741009	72499.7904484812	0.0747929
Cu 324.754	Cu	n	0.35713162	0.35713162	mg/L	16134.79082259	0.00552629	1.54741102	242.22534758	1.50	21.24684838	Y (371.029 nm)	Linear	0.99992	Fitted	588.557197910467	43831.4262423811	0.3507635
Fe 259.940	Fe	no	113.25480060	113.25480060	mg/L	7698066.23126792	1.52333123	1.34504782	103542.21104949	1.35	10.61972193	Y (371.029 nm)	Linear	0.99994	Off-Peak Left+Right	36.5546132684872	67970.91086477	111.51505
K 766.491	K-R	n	2.08120700	2.08120700	mg/L	3395.00588153	0.02553952	1.22714956	41.67154361	1.23	19.84138616	Y-R (371.029 nm)	Linear	1.00000	Fitted	42.4383366429514	1631.64927599152	2.0535211
Li 670.783	Li-R	n	0.00774942	0.00774942	mg/L	969.20757818	0.00024248	3.12896492	27.91141085	2.88	4.80931472	Y-R (371.029 nm)	Linear	1.00000	FACT	53.5763080571273	115109.694363644	0.0075434
Mg 279.800	Mg-R	n	4.73782667	4.73782667	mg/L	13317.04086633	0.02558014	0.53991301	70.99087510	0.53	3.53568227	Y-R (371.029 nm)	Linear	1.00000	Fitted	111.675602641401	2775.23376315608	4.7174256
Mn 257.610	Mn	n	0.60594530	0.60594530	mg/L	297392.58584765	0.01040869	1.71775996	5099.76607657	1.71	5.94072524	Y (371.029 nm)	Linear	0.99990	Fitted	523.246652406393	489952.927445074	0.5941077
Mo 204.598	Mo	n	0.00347167	0.00347167	mg/L	66.56939635	0.00050029	14.41077338	5.57622665	8.38	3.89152228	Y (371.029 nm)	Linear	1.00000	Fitted	19.089588126705	11145.8777676476	0.0037025
Na 589.592	Na-R	n	4.76242644	4.76242644	mg/L	56676.26783705	0.04539454	0.95318084	524.49756309	0.93	19.04232273	Y-R (371.029 nm)	Linear	1.00000	Fitted	2238.9107726026	11554.2002324052	4.7318673
Ni 231.604	Ni	n	0.49204513	0.49204513	mg/L	13646.66200388	0.00706341	1.43552108	193.66446384	1.42	3.44177854	Y (371.029 nm)	Linear	0.99998	Off-Peak Left+Right	187.372425032713	27417.9784110399	0.4839356
P 177.434	P	n	0.92525395	0.92525395	mg/L	214.50093957	0.01428669	1.54408325	3.22640417	1.50		Y (371.029 nm)	Linear	1.00000	Fitted	5.26224648069594	225.832848686858	0.9113965
Pb 220.353	Pb	n	0.86077520	0.86077520	mg/L	7902.13369736	0.00601113	0.69833897	53.88406702	0.68	25.09022586	Y (371.029 nm)	Linear	0.99996	Off-Peak Right	171.026977801425	8964.05158812345	0.8540224
S 181.972	S	n	4.11363684	4.11363684	mg/L	6309.95999097	0.02776322	0.67490692	41.73673682	0.66		Y (371.029 nm)	Linear	1.00000	Fitted	129.948723818944	1503.31039459955	4.1258979
Sb 206.834	Sb	n	0.01707679	0.01707679	mg/L	72.57256515	0.00363688	21.29723568	14.64079348	20.17	6.03486237	Y (371.029 nm)	Linear	0.99998	Off-Peak Right	-34.5571991267422	4025.64125642531	0.0188269
Se 196.026	Se	n	0.00870506	0.00870506	mg/L	40.04020928	0.00133814	15.37192858	5.52716178	13.80	2.29875901	Y (371.029 nm)	Linear	0.99990	Fitted	32.7303760974339	4130.49472280005	0.0094063
Si 251.611	Si	n	6.50885608	6.50885608	mg/L	58209.40598915	0.17227439	2.64676905	1539.65365308	2.65		Y (371.029 nm)	Linear	1.00000	Fitted	98.3187416870542	8937.21737151692	6.3600103
Sn 189.925	Sn	n	0.08807789	0.08807789	mg/L	1156.01511884	0.00061149	0.69425878	7.72564160	0.67	12.26165207	Y (371.029 nm)	Linear	0.99995	Fitted	39.5541885268555	12634.1568554032	0.0873883
Sr 421.552	Sr-R	n	0.01502774	0.01502774	mg/L	8052.95782321	0.00017042	1.13405275	87.05585140	1.08	4.03830839	Y-R (371.029 nm)	Linear	0.99994	Fitted	208.594109201771	510823.627022499	0.0149036
Ti 334.941	Ti	n	0.30963075	0.30963075	mg/L	116436.65044223	0.00851276	2.74932667	3197.31074907	2.75	3.40632998	Y (371.029 nm)	Linear	0.99999	Fitted	220.002205964814	375590.339424497	0.3162885
Tl 190.794	Tl	nu	-0.00358694	-0.00358694	mg/L	-11.21892954	0.00065325	18.21194778	2.54472357	22.68	10.21151594	Y (371.029 nm)	Linear	0.99992	Fitted	1.31691436736463	3895.47190652993	-0.004153
V 292.401	V	n	0.01072622	0.01072622	mg/L	309.85588651	0.00027670	2.57963332	11.24484346	3.63	2.55424749	Y (371.029 nm)	Linear	1.00000	Off-Peak Left+Right	17.8006478267166	40639.5511768207	0.0104251
Zn 206.200	Zn	n	1.70922297	1.70922297	mg/L	111539.77120554	0.01499951	0.87756331	983.51333504	0.88	7.02046350	Y (371.029 nm)	Linear	0.99960	Fitted	97.9001412786361	65569.6812260482	1.6934637
Y 371.029	Y		0.93	0.93	Ratio	620032.18	0.02	1.95	12104.01	1.95		-	-	-	Fitted	-	-	0.91
Y 371.029	Y-R		1.04	1.04	Ratio	161889.01	0.01	0.57	927.45	0.57		-	-	-	Fitted	-	-	1.04

ENTHALPY SAMPLE USER REPORT FOR EPA 6010B

Inst:	MET09	Lab ID:	489010-024	Client ID:	AFRAME-C7W-LAT-L3-UP-C7.3-DG-230724-L-LA
Seqnum:	673297193232.1	Matrix:	Wipe	Acct:	RINCON-BERK (JG)
File:	icp data	Batch:	318869	Time:	25-JUL-2023 21:24
Cal:	673297193001	Caldate:	25-JUL-2023		
IDF:	1.0	Raw Units:	mg/L	Units:	ug/ft2

- 1.00 ft2 ⇨ 50.0 ml = 50.0 ml/ft2 PDF

Analyte	Ch	Raw	Result	RL	Blank	Flags
Lead	A	0.5591	28	0.50		!<a+ u

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	SAMPLE Abund	%Drift
Yttrium	A	666361	619659	-7.01

!=warning +=high bias <=opening a=ICSA u=use

Instrument ID: MET09

Label: 489010-024,318869 | Rack:Tube: 4:2 | Type: Sample
Date Time: 7/25/2023 9:24:57 PM | Weight: 1 | Volume: 1
Dilution: 1 | %RSE limit: - | Calibration Coefficient [3]: -
LIMS ID: | Customer: | Customer Ref.:
Sample Date Time: | Sample Site: | Description:
Replicates: 3

Element	Element Label	Flags	Unadjusted Data	Concentration	Unit	Intensity	Concentration SD	Concentration % RSD	Intensity SD	Intensity % RSD	%RSE	Internal Standard	Calibration fit	Correlation coefficient	Background correction	Calibration Coefficient [1]	Calibration Coefficient [2]	Concentration Replicate 1
Ag 328.068	Ag	n	0.00060903	0.00060903	mg/L	544.05724904	0.00017971	29.50695367	15.75835116	2.90		Y (371.029 nm)	Linear	1.00000	Fitted	572.502077445868	87689.9995285448	0.0004407
Al 396.152	Al	n	2.49294039	2.49294039	mg/L	98223.59931474	0.03319619	1.33160766	1292.09410827	1.32	15.39233378	Y (371.029 nm)	Linear	0.99998	Fitted	1205.56470480183	38922.9696497508	2.45577264
As 188.980	As	n	0.04658105	0.04658105	mg/L	294.61367198	0.00037747	0.81034353	2.06685804	0.70	2.71184674	Y (371.029 nm)	Linear	0.99996	Fitted	37.5874680560493	5475.60572556616	0.04651471
B 249.678	B	n	0.00582356	0.00582356	mg/L	537.74261085	0.00012260	2.10524834	4.40674419	0.82	4.67623197	Y (371.029 nm)	Linear	1.00000	Fitted	355.723406422493	35943.960009001	0.0059628
Ba 230.424	Ba	n	0.00897934	0.00897934	mg/L	1089.85219216	0.00029711	3.30883907	24.68311748	2.26	2.99500977	Y (371.029 nm)	Linear	0.99991	Fitted	320.944546456498	83076.8287015984	0.00883421
Be 313.107	Be	nu	-0.00006396	-0.00006396	mg/L	118.48774519	0.00000890	13.92327572	24.43900663	20.63	1.07961226	Y (371.029 nm)	Linear	1.00000	Fitted	314.299724647743	2744424.42090531	-0.0000537
Ca 317.933	Ca-R	n	11.27350411	11.27350411	mg/L	181208.56261172	0.03604532	0.31973483	572.05413381	0.32	22.37721428	Y-R (371.029 nm)	Linear	0.99999	Fitted	1769.7142084379	15870.4140866595	11.2905586
Cd 214.439	Cd	n	0.00007199	0.00007199	mg/L	253.44967353	0.00007091	98.49421390	15.33792347	6.05	5.62394238	Y (371.029 nm)	Linear	0.99972	Fitted	-26.0550294873418	216311.862822474	0.00003218
Co 230.786	Co	n	0.01212516	0.01212516	mg/L	542.97392909	0.00043898	3.62040796	17.26439321	3.18	19.02338365	Y (371.029 nm)	Linear	0.99997	Fitted	43.7782215927577	39328.4199063949	0.0124038
Cr 267.716	Cr	n	0.04381976	0.04381976	mg/L	3206.57379703	0.00045003	1.02700011	32.62700629	1.02	5.55970103	Y (371.029 nm)	Linear	0.99997	Off-Peak Left+Right	20.1266331741009	72499.7904484812	0.0433002
Cu 324.754	Cu	n	0.43116667	0.43116667	mg/L	19404.68875138	0.00534086	1.23870073	234.09771404	1.21	21.24684838	Y (371.029 nm)	Linear	0.99992	Fitted	588.557197910467	43831.4262423811	0.4257337
Fe 259.940	Fe	no	89.83287036	89.83287036	mg/L	6106053.82128786	0.96080112	1.06954294	65306.52755678	1.07	10.61972193	Y (371.029 nm)	Linear	0.99994	Off-Peak Left+Right	36.5546132684872	67970.91086477	88.7263935
K 766.491	K-R	n	2.13980236	2.13980236	mg/L	3500.17999508	0.01773963	0.82903109	28.94484905	0.83	19.84138616	Y-R (371.029 nm)	Linear	1.00000	Fitted	42.4383366429514	1631.64927599152	2.12120685
Li 670.783	Li-R	n	0.00873191	0.00873191	mg/L	1078.00855366	0.00062863	7.19927957	72.36191536	6.71	4.80931472	Y-R (371.029 nm)	Linear	1.00000	FACT	53.5763080571273	115109.694363644	0.00803914
Mg 279.800	Mg-R	n	4.23981536	4.23981536	mg/L	11921.76562411	0.01878324	0.44302022	52.12787995	0.44	3.53568227	Y-R (371.029 nm)	Linear	1.00000	Fitted	111.675602641401	2775.23376315608	4.25294161
Mn 257.610	Mn	n	0.53700475	0.53700475	mg/L	263615.86611704	0.00582031	1.08384767	2851.67961678	1.08	5.94072524	Y (371.029 nm)	Linear	0.99990	Fitted	523.246652406393	489952.927445074	0.53042047
Mo 204.598	Mo	n	0.00085829	0.00085829	mg/L	35.55016177	0.00003156	3.67658716	0.35171778	0.99	3.89152228	Y (371.029 nm)	Linear	1.00000	Fitted	19.089588126705	11145.8777676476	0.0008926
Na 589.592	Na-R	n	5.69986891	5.69986891	mg/L	67633.43358013	0.01625748	0.28522558	187.84222640	0.28	19.04232273	Y-R (371.029 nm)	Linear	1.00000	Fitted	2238.9107726026	11554.2002324052	5.71359212
Ni 231.604	Ni	n	0.13647666	0.13647666	mg/L	3904.47603959	0.00143488	1.05137345	39.34149269	1.01	3.44177854	Y (371.029 nm)	Linear	0.99998	Off-Peak Left+Right	187.372425032713	27417.9784110399	0.1348862
P 177.434	P	n	0.81390303	0.81390303	mg/L	189.29093969	0.01921685	2.36107317	4.33979509	2.29		Y (371.029 nm)	Linear	1.00000	Fitted	5.26224648069594	225.832848686858	0.7927066
Pb 220.353	Pb	n	0.55908477	0.55908477	mg/L	5193.96611902	0.00256116	0.45809820	22.95834584	0.44	25.09022586	Y (371.029 nm)	Linear	0.99996	Off-Peak Right	171.026977801425	8964.05158812345	0.5562761
S 181.972	S	n	4.41645793	4.41645793	mg/L	6766.30829249	0.00963502	0.21816167	14.48442317	0.21		Y (371.029 nm)	Linear	1.00000	Fitted	129.948723818944	1503.31039459955	4.42718023
Sb 206.834	Sb	n	0.00161036	0.00161036	mg/L	1.78808437	0.00120456	74.80079901	4.84914529	> 100.00	6.03486237	Y (371.029 nm)	Linear	0.99998	Off-Peak Right	-34.5571991267422	4025.64125642531	0.0011365
Se 196.026	Se	n	0.00693642	0.00693642	mg/L	39.20792685	0.00049263	7.10204153	2.03479382	5.19	2.29875901	Y (371.029 nm)	Linear	0.99990	Fitted	32.7303760974339	4130.49472280005	0.0073964
Si 251.611	Si	n	5.54369988	5.54369988	mg/L	49596.95991109	0.06668433	1.20288501	595.97239571	1.20		Y (371.029 nm)	Linear	1.00000	Fitted	98.3187416870542	8937.21737151692	5.5869686
Sn 189.925	Sn	n	0.07895853	0.07895853	mg/L	1039.92815295	0.00067943	0.86049482	8.58407687	0.83	12.26165207	Y (371.029 nm)	Linear	0.99995	Fitted	39.5541885268555	12634.1568554032	0.07827627
Sr 421.552	Sr-R	n	0.01587449	0.01587449	mg/L	8474.99634220	0.00011074	0.69758506	56.56761302	0.67	4.03830839	Y-R (371.029 nm)	Linear	0.99994	Fitted	208.594109201771	510823.627022499	0.0159985
Ti 334.941	Ti	n	0.25685126	0.25685126	mg/L	96629.13339279	0.00929074	3.61716891	3489.51365072	3.61	3.40632998	Y (371.029 nm)	Linear	0.99999	Fitted	220.002205964814	375590.339424497	0.2659507
Tl 190.794	Tl	nu	-0.00421718	-0.00421718	mg/L	-13.95952073	0.00143295	33.97890907	5.58201797	39.99	10.21151594	Y (371.029 nm)	Linear	0.99992	Fitted	1.31691436736463	3895.47190652993	-0.0057754
V 292.401	V	n	0.00869231	0.00869231	mg/L	259.56890907	0.00029327	3.37393085	11.91846400	4.59	2.55424749	Y (371.029 nm)	Linear	1.00000	Off-Peak Left+Right	17.8006478267166	40639.5511768207	0.0083555
Zn 206.200	Zn	n	1.53258612	1.53258612	mg/L	100090.37446346	0.01098964	0.71706531	720.58741529	0.72	7.02046350	Y (371.029 nm)	Linear	0.99960	Fitted	97.9001412786361	65569.6812260482	1.5218305
Y 371.029	Y		0.93	0.93	Ratio	619659.12	0.01	1.28	7943.83	1.28		-	-	-	Fitted	-	-	0.92
Y 371.029	Y-R		1.03	1.03	Ratio	161193.96	0.00	0.45	726.73	0.45		-	-	-	Fitted	-	-	1.03

ENTHALPY BLANK USER REPORT FOR 489010 METALS Wipe

EPA 6010B

Inst:	MET09	Lab ID:	QC1082051		
Seqnum:	673297193214.2	Matrix:	Wipe		
File:	icp data	Batch:	318869	Time:	25-JUL-2023 20:28
Cal:	673297193001	Caldate:	25-JUL-2023		
IDF:	1.0	Raw Units:	mg/L	Units:	ug/ft2

- 1.00 ft2 ⇨ 50.0 ml = 50.0 ml/ft2 PDF

Analyte	Ch	Raw	Result	RL	Flags
Lead	A	0.0001507	ND	0.50	u

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	BLANK Abund	%Drift
Yttrium	A	666361	633796	-4.89

u=use

Instrument ID: MET09

Label:	BLANK,QC1082051,318869	Rack:Tube:	3:48	Type:	Sample
Date Time:	7/25/2023 8:28:36 PM	Weight:	1	Volume:	1
Dilution:	1	%RSE limit:	-	Calibration Coefficient [3]:	-
LIMSID:		Customer:		Customer Ref.:	
Sample Date Time:		Sample Site:		Description:	
Replicates:	3				

Element	Element Label	Flags	Unadjusted Data	Concentration	Unit	Intensity	Concentration SD	Concentration % RSD	Intensity SD	Intensity % RSD	%RSE	Internal Standard	Calibration fit	Correlation coefficient	Background correction	Calibration Coefficient [1]	Calibration Coefficient [2]	Concentration Replicate 1
Ag 328.068	Ag	nu	0.00006084	0.00006084	mg/L	577.78781706	0.00038090	626.10580115	33.40087542	5.78		Y (371.029 nm)	Linear	1.00000	Fitted	572.502077445868	87689.9995285448	0.00035512
Al 396.152	Al	n	0.00492320	0.00492320	mg/L	1397.16315133	0.00109530	22.24779771	42.63244748	3.05	15.39233378	Y (371.029 nm)	Linear	0.99998	Fitted	1205.56470480183	38922.9696497508	0.00617318
As 188.980	As	nu	-0.00190791	-0.00190791	mg/L	27.13968719	0.00113019	59.23715162	6.18846800	22.80	2.71184674	Y (371.029 nm)	Linear	0.99996	Fitted	37.5874680560493	5475.60572556616	-0.00185511
B 249.678	B	nu	-0.00142615	-0.00142615	mg/L	304.44042284	0.00082259	57.67931027	29.56731837	9.71	4.67623197	Y (371.029 nm)	Linear	1.00000	Fitted	355.723406422493	35943.960009001	-0.00060174
Ba 230.424	Ba	n	0.00064331	0.00064331	mg/L	374.23500211	0.00022047	34.27173186	18.31630326	4.89	2.99500977	Y (371.029 nm)	Linear	0.99991	Fitted	320.944546456498	83076.8287015984	0.00070081
Be 313.107	Be	n	0.00001580	0.00001580	mg/L	357.65649664	0.00000455	28.79109009	12.48732294	3.49	1.07961226	Y (371.029 nm)	Linear	1.00000	Fitted	314.299724647743	2744424.42090531	0.00001822
Ca 317.933	Ca-R	nu	-0.00020306	-0.00020306	mg/L	1766.87534782	0.00019674	96.89037137	3.12242407	0.18	22.37721428	Y-R (371.029 nm)	Linear	0.99999	Fitted	1769.7142084379	15870.4140866595	-0.00009636
Cd 214.439	Cd	n	0.00008181	0.00008181	mg/L	-8.17117369	0.00001588	19.41353890	3.43569568	42.05	5.62394238	Y (371.029 nm)	Linear	0.99972	Fitted	-26.0550294873418	216311.862822474	0.00006575
Co 230.786	Co	nu	-0.00015903	-0.00015903	mg/L	37.53903916	0.00026470	166.44900192	10.41032964	27.73	19.02338365	Y (371.029 nm)	Linear	0.99997	Fitted	43.7782215927577	39328.4199063949	-0.00029541
Cr 267.716	Cr	nu	0.00003098	0.00003098	mg/L	22.37839777	0.00006260	202.06222774	4.53812887	20.28	5.55970103	Y (371.029 nm)	Linear	0.99997	Off-Peak Left+Right	20.1266331741009	72499.7904484812	0.00006807
Cu 324.754	Cu	n	0.00413507	0.00413507	mg/L	769.73931189	0.00078811	19.05907697	34.54381414	4.49	21.24684838	Y (371.029 nm)	Linear	0.99992	Fitted	588.557197910467	43831.4262423811	0.00494841
Fe 259.940	Fe	n	0.07207491	0.07207491	mg/L	4935.56454056	0.00047810	0.66333929	32.49697455	0.66	10.61972193	Y (371.029 nm)	Linear	0.99994	Off-Peak Left+Right	36.5546132684872	67970.91086477	0.07165433
K 766.491	K-R	nu	-0.00738464	-0.00738464	mg/L	30.36825935	0.02224667	301.25586785	36.29876698	> 100.00	19.84138616	Y-R (371.029 nm)	Linear	1.00000	Fitted	42.4383366429514	1631.64927599152	-0.00727141
Li 670.783	Li-R	n	0.00515993	0.00515993	mg/L	647.54124715	0.00116558	22.58902105	134.16921738	20.72	4.80931472	Y-R (371.029 nm)	Linear	1.00000	FACT	53.5763080571273	115109.694363644	0.00429117
Mg 279.800	Mg-R	n	0.00787961	0.00787961	mg/L	133.57756959	0.00337863	42.87820288	9.37649663	7.02	3.53568227	Y-R (371.029 nm)	Linear	1.00000	Fitted	111.675602641401	2775.23376315608	0.01162863
Mn 257.610	Mn	n	0.01640510	0.01640510	mg/L	8560.99381657	0.00002690	0.16396589	13.17913126	0.15	5.94072524	Y (371.029 nm)	Linear	0.99990	Fitted	523.246652406393	489952.927445074	0.01638214
Mo 204.598	Mo	nu	-0.00046038	-0.00046038	mg/L	13.96040839	0.00020932	45.46721952	2.33306524	16.71	3.89152228	Y (371.029 nm)	Linear	1.00000	Fitted	19.089588126705	11145.8777676476	-0.00053573
Na 589.592	Na-R	nu	-0.09878131	-0.09878131	mg/L	1097.29469130	0.00677855	6.86217710	78.32070266	7.14	19.04232273	Y-R (371.029 nm)	Linear	1.00000	Fitted	2238.9107726026	11554.2002324052	-0.09099335
Ni 231.604	Ni	nu	-0.00090037	-0.00090037	mg/L	162.67061749	0.00033645	37.36790048	9.22472375	5.67	3.44177854	Y (371.029 nm)	Linear	0.99998	Off-Peak Left+Right	187.372425032713	27417.9784110399	-0.00056598
P 177.434	P	n	0.02132655	0.02132655	mg/L	10.07860582	0.00449477	21.07591200	1.01506573	10.07		Y (371.029 nm)	Linear	1.00000	Fitted	5.26224648069594	225.832848686858	0.02651095
Pb 220.353	Pb	nu	0.00015066	0.00015066	mg/L	172.41168058	0.00177342	1177.09379780	15.89704067	9.22	25.09022586	Y (371.029 nm)	Linear	0.99996	Off-Peak Right	171.026977801425	8964.05158812345	0.00114890
S 181.972	S	n	0.02247380	0.02247380	mg/L	163.72994971	0.00480338	21.37325851	7.22097706	4.41		Y (371.029 nm)	Linear	1.00000	Fitted	129.948723818944	1503.31039459955	0.02758671
Sb 206.834	Sb	n	0.00598017	0.00598017	mg/L	-10.46225001	0.00280505	46.90578068	11.29210665	> 100.00	6.03486237	Y (371.029 nm)	Linear	0.99998	Off-Peak Right	-34.5571991267422	4025.64125642531	0.00421754
Se 196.026	Se	nu	-0.00120732	-0.00120732	mg/L	27.72791662	0.00242036	200.47442959	9.99727543	36.05	2.29875901	Y (371.029 nm)	Linear	0.99990	Fitted	32.7303760974339	4130.49472280005	0.00075644
Si 251.611	Si	n	0.06729549	0.06729549	mg/L	699.72122769	0.00705551	10.48437856	63.05665759	9.01		Y (371.029 nm)	Linear	1.00000	Fitted	98.3187416870542	8937.21737151692	0.05992645
Sn 189.925	Sn	n	0.01965406	0.01965406	mg/L	287.86915601	0.00060714	3.08911935	7.67066739	2.66	12.26165207	Y (371.029 nm)	Linear	0.99995	Fitted	39.5541885268555	12634.1568554032	0.01904132
Sr 421.552	Sr-R	nu	-0.00026767	-0.00026767	mg/L	71.73924571	0.00007128	26.62872420	36.40943646	50.75	4.03830839	Y-R (371.029 nm)	Linear	0.99994	Fitted	208.594109201771	510823.627022499	-0.00032608
Ti 334.941	Ti	n	0.00116023	0.00116023	mg/L	655.74167657	0.00036890	31.79570018	138.55707029	21.13	3.40632998	Y (371.029 nm)	Linear	0.99999	Fitted	220.002205964814	375590.339424497	0.00080719
Tl 190.794	Tl	n	0.00185025	0.00185025	mg/L	8.52487009	0.00156665	84.67219494	6.10284667	71.59	10.21151594	Y (371.029 nm)	Linear	0.99992	Fitted	1.31691436736463	3895.47190652993	0.00350458
V 292.401	V	nu	-0.00022375	-0.00022375	mg/L	8.62949178	0.00025340	113.24858346	10.29802587	> 100.00	2.55424749	Y (371.029 nm)	Linear	1.00000	Off-Peak Left+Right	17.8006478267166	40639.5511768207	0.00006885
Zn 206.200	Zn	n	0.00349499	0.00349499	mg/L	326.80481718	0.00028412	8.12944613	18.62987195	5.70	7.02046350	Y (371.029 nm)	Linear	0.99960	Fitted	97.9001412786361	65569.6812260482	0.00380626
Y 371.029	Y		0.95	0.95	Ratio	633795.87	0.03	2.82	17898.50	2.82		-	-	-	Fitted	-	-	0.92
Y 371.029	Y-R		1.08	1.08	Ratio	167714.45	0.01	0.75	1251.48	0.75		-	-	-	Fitted	-	-	1.08

ENTHALPY SPIKE USER REPORT FOR 489010 METALS Wipe

EPA 6010B

Type:	BS	Type:	BSD
Inst:	MET09	Inst:	MET09
Seqnum:	673297193215.2	Seqnum:	673297193216.2
File:	icp data	File:	icp data
IDF:	1.0	IDF:	1.0
Lab ID:	QC1082052	Lab ID:	QC1082053
Matrix:	Wipe	Matrix:	Wipe
Batch:	318869	Batch:	318869
Time:	25-JUL-2023 20:31	Time:	25-JUL-2023 20:34
Cal:	673297193001	Cal:	673297193001
Units:	ug/ft2		

- BS: 1.00 ft2 ⇨ 50.0 ml = 50.0 ml/ft2 PDF
- BSD: 1.00 ft2 ⇨ 50.0 ml = 50.0 ml/ft2 PDF

Analyte	Spiked	BS Raw	BS Result	Ch	%Rec	BSD Raw	BSD Result	Ch	%Rec	Limits	RPD	Lim	Flags
Lead	50.00	1.001	50.04	A	100	0.9964	49.82	A	100	80-120	0	20	!<a+ u

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	BS Abund	%Drift
Yttrium	A	666361	635765	-4.59

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	BSD Abund	%Drift
Yttrium	A	666361	635672	-4.61

!=warning +=high bias <=opening a=ICSA u=use

Instrument ID: MET09

Label:	BS,QC1082052,318869	Rack:Tube:	3:49	Type:	Sample
Date Time:	7/25/2023 8:31:44 PM	Weight:	1	Volume:	1
Dilution:	1	%RSE limit:	-	Calibration Coefficient [3]:	-
LIMS ID:		Customer:		Customer Ref.:	
Sample Date Time:		Sample Site:		Description:	
Replicates:	3	Flags Replicate 1:		Flags Replicate 2:	
Flags Replicate 3:					

Element	Element Label	Flags	Unadjusted Data	Concentration	Unit	Intensity	Concentration SD	Concentration % RSD	Intensity SD	Intensity %RSD	%RSE	Internal Standard	Calibration fit	Correlation coefficient	Background correction	Calibration Coefficient [1]	Calibration Coefficient [2]	Concentration Replicate 1	C R
Ag 328.068	Ag	n	0.45811854	0.45811854	mg/L	40743.87624931	0.00223666	0.48822725	196.13267456	0.48		Y (371.029 nm)	Linear	1.00000	Fitted	572.502077445868	87689.9995285448	0.45600467	0.
Al 396.152	Al	n	0.95277474	0.95277474	mg/L	38290.36365085	0.01656295	1.73839111	644.67925648	1.68	15.39233378	Y (371.029 nm)	Linear	0.99998	Fitted	1205.56470480183	38922.9696497508	0.93383859	0.
As 188.980	As	n	0.92120074	0.92120074	mg/L	5081.85223636	0.00834342	0.90571146	45.68528213	0.90	2.71184674	Y (371.029 nm)	Linear	0.99996	Fitted	37.5874680560493	5475.60572556616	0.91232405	0.
B 249.678	B	n	0.90771570	0.90771570	mg/L	32982.49864805	0.00456425	0.50282834	164.05728261	0.50	4.67623197	Y (371.029 nm)	Linear	1.00000	Fitted	355.723406422493	35943.960009001	0.90263578	0.
Ba 230.424	Ba	n	0.95895901	0.95895901	mg/L	79992.75973763	0.02131393	2.22261129	1770.69381923	2.21	2.99500977	Y (371.029 nm)	Linear	0.99991	Fitted	320.944546456498	83076.8287015984	0.93539452	0.
Be 313.107	Be	n	0.96111496	0.96111496	mg/L	2638021.42539166	0.02812742	2.92654083	77193.58286974	2.93	1.07961226	Y (371.029 nm)	Linear	1.00000	Fitted	314.299724647743	2744424.42090531	0.92893815	0.
Ca 317.933	Ca-R	n	0.93893471	0.93893471	mg/L	16674.02696561	0.01056493	1.12520347	167.66974946	1.01	22.37721428	Y-R (371.029 nm)	Linear	0.99999	Fitted	1769.7142084379	15870.4140866595	0.94022695	0.
Cd 214.439	Cd	n	0.94259635	0.94259635	mg/L	203871.58982510	0.00441628	0.46852266	955.29321312	0.47	5.62394238	Y (371.029 nm)	Linear	0.99972	Fitted	-26.0550294873418	216311.862822474	0.93788384	0.
Co 230.786	Co	n	0.94344067	0.94344067	mg/L	37148.07611952	0.01721592	1.82480191	677.07505828	1.82	19.02338365	Y (371.029 nm)	Linear	0.99997	Fitted	43.7782215927577	39328.4199063949	0.92477117	0.
Cr 267.716	Cr	n	0.94138302	0.94138302	mg/L	68270.31556136	0.01579747	1.67811330	1145.31352758	1.68	5.55970103	Y (371.029 nm)	Linear	0.99997	Off-Peak Left+Right	20.1266331741009	72499.7904484812	0.92325241	0.
Cu 324.754	Cu	n	0.99535070	0.99535070	mg/L	44215.61241312	0.01251407	1.25725202	548.50939618	1.24	21.24684838	Y (371.029 nm)	Linear	0.99992	Fitted	588.557197910467	43831.4262423811	0.98093285	1.
Fe 259.940	Fe	n	1.06477842	1.06477842	mg/L	72411.20012492	0.01571249	1.47565810	1067.99218982	1.47	10.61972193	Y (371.029 nm)	Linear	0.99994	Off-Peak Left+Right	36.5546132684872	67970.91086477	1.04664164	1.
K 766.491	K-R	n	9.14797176	9.14797176	mg/L	14968.13460626	0.13270571	1.45065722	216.52918013	1.45	19.84138616	Y-R (371.029 nm)	Linear	1.00000	Fitted	42.4383366429514	1631.64927599152	9.12496909	9.
Li 670.783	Li-R	n	0.99315483	0.99315483	mg/L	114375.94757313	0.01273707	1.28248595	1466.16037573	1.28	4.80931472	Y-R (371.029 nm)	Linear	1.00000	FACT	53.5763080571273	115109.694363644	0.99530441	0.
Mg 279.800	Mg-R	n	0.93165434	0.93165434	mg/L	2697.60787932	0.00809248	0.86861421	22.45852924	0.83	3.53568227	Y-R (371.029 nm)	Linear	1.00000	Fitted	111.675602641401	2775.23376315608	0.92962212	0.
Mn 257.610	Mn	n	0.93500359	0.93500359	mg/L	458629.88552622	0.01430667	1.53011911	7009.59414475	1.53	5.94072524	Y (371.029 nm)	Linear	0.99990	Fitted	523.246652406393	489952.927445074	0.91852299	0.
Mo 204.598	Mo	n	0.97341800	0.97341800	mg/L	10868.96132038	0.01631724	1.67628343	181.87001419	1.67	3.89152228	Y (371.029 nm)	Linear	1.00000	Fitted	19.089588126705	11145.8777676476	0.95490229	0.
Na 589.592	Na-R	n	1.28289197	1.28289197	mg/L	17054.70775638	0.01375962	1.07254717	158.98142148	0.93	19.04232273	Y-R (371.029 nm)	Linear	1.00000	Fitted	2238.9107726026	11554.2002324052	1.29192266	1.
Ni 231.604	Ni	n	0.94553943	0.94553943	mg/L	26111.59658574	0.01321498	1.39761302	362.32809398	1.39	3.44177854	Y (371.029 nm)	Linear	0.99998	Off-Peak Left+Right	187.372425032713	27417.9784110399	0.93031137	0.
P 177.434	P	n	0.02030169	0.02030169	mg/L	9.85174149	0.01199608	59.08907907	2.70910919	27.50		Y (371.029 nm)	Linear	1.00000	Fitted	5.26224648069594	225.832848686858	0.02646520	0.
Pb 220.353	Pb	n	1.00076083	1.00076083	mg/L	9139.92999628	0.00798901	0.79829384	71.61391632	0.78	25.09022586	Y (371.029 nm)	Linear	0.99996	Off-Peak Right	171.026977801425	8964.05158812345	0.99204149	1.
S 181.972	S	n	0.02606377	0.02606377	mg/L	169.14567600	0.00376034	14.42746437	5.65295950	3.34		Y (371.029 nm)	Linear	1.00000	Fitted	129.948723818944	1503.31039459955	0.03039862	0.
Sb 206.834	Sb	n	0.95731672	0.95731672	mg/L	3819.53140152	0.00735326	0.76811178	29.60159698	0.78	6.03486237	Y (371.029 nm)	Linear	0.99998	Off-Peak Right	-34.5571991267422	4025.64125642531	0.94885385	0.
Se 196.026	Se	n	0.84302003	0.84302003	mg/L	3514.56575161	0.00723934	0.85873829	29.90203830	0.85	2.29875901	Y (371.029 nm)	Linear	0.99990	Fitted	32.7303760974339	4130.49472280005	0.83738477	0.
Si 251.611	Si	n	4.68505564	4.68505564	mg/L	41969.14749955	0.03862722	0.82447721	345.21982786	0.82		Y (371.029 nm)	Linear	1.00000	Fitted	98.3187416870542	8937.21737151692	4.64816799	4.
Sn 189.925	Sn	n	0.01851891	0.01851891	mg/L	273.53364241	0.00052824	2.85245641	6.67391567	2.44	12.26165207	Y (371.029 nm)	Linear	0.99995	Fitted	39.5541885268555	12634.1568554032	0.01909779	0.
Sr 421.552	Sr-R	n	0.98030127	0.98030127	mg/L	500975.98088759	0.01183911	1.20770069	6047.69469792	1.21	4.03830839	Y-R (371.029 nm)	Linear	0.99994	Fitted	208.594109201771	510823.627022499	0.98567872	0.
Ti 334.941	Ti	n	0.99280370	0.99280370	mg/L	373106.57918734	0.02430226	2.44784099	9127.69251419	2.45	3.40632998	Y (371.029 nm)	Linear	0.99999	Fitted	220.002205964814	375590.339424497	0.96604826	1.
Tl 190.794	Tl	n	0.95917211	0.95917211	mg/L	3737.79047396	0.00766103	0.79871252	29.84331843	0.80	10.21151594	Y (371.029 nm)	Linear	0.99992	Fitted	1.31691436736463	3895.47190652993	0.95046621	0.
V 292.401	V	n	0.97561044	0.97561044	mg/L	39665.03764661	0.01738652	1.78211705	706.58036988	1.78	2.55424749	Y (371.029 nm)	Linear	1.00000	Off-Peak Left+Right	17.8006478267166	40639.5511768207	0.95558583	0.
Zn 206.200	Zn	n	0.94959209	0.94959209	mg/L	62352.28781888	0.00070108	0.07383009	45.96989913	0.07	7.02046350	Y (371.029 nm)	Linear	0.99960	Fitted	97.9001412786361	65569.6812260482	0.94947339	0.
Y 371.029	Y		0.95	0.95	Ratio	635764.91	0.03	2.89	18353.79	2.89		-	-	-	Fitted	-	-	0.92	0.
Y 371.029	Y-R		1.07	1.07	Ratio	167282.21	0.01	1.06	1769.30	1.06		-	-	-	Fitted	-	-	1.07	1.

Instrument ID:	MET09

Label:	BSD,QC1082053,318869	Rack:Tube:	3:50	Type:	Sample
Date Time:	7/25/2023 8:34:52 PM	Weight:	1	Volume:	1
Dilution:	1	%RSE limit:	-	Calibration Coefficient [3]:	-
LIMS ID:		Customer:		Customer Ref.:	
Sample Date Time:		Sample Site:		Description:	
Replicates:	3	Flags Replicate 1:		Flags Replicate 2:	
Flags Replicate 3:					

Element	Element Label	Flags	Unadjusted Data	Concentration	Unit	Intensity	Concentration SD	Concentration % RSD	Intensity SD	Intensity %RSD	%RSE	Internal Standard	Calibration fit	Correlation coefficient	Background correction	Calibration Coefficient [1]	Calibration Coefficient [2]	Concentration Replicate 1	C R
Ag 328.068	Ag	n	0.45517999	0.45517999	mg/L	40486.27334258	0.00133017	0.29222888	116.64237527	0.29		Y (371.029 nm)	Linear	1.00000	Fitted	572.502077445868	87689.9995285448	0.45568813	0.
Al 396.152	Al	n	0.94326304	0.94326304	mg/L	37920.15029680	0.01132303	1.20041062	440.72593856	1.16	15.39233378	Y (371.029 nm)	Linear	0.99998	Fitted	1205.56470480183	38922.9696497508	0.93171745	0.
As 188.980	As	n	0.91973463	0.91973463	mg/L	5073.81930827	0.00011056	0.01202104	0.60539193	0.01	2.71184674	Y (371.029 nm)	Linear	0.99996	Fitted	37.5874680560493	5475.60572556616	0.91965405	0.
B 249.678	B	n	0.90817686	0.90817686	mg/L	32999.09510464	0.00600849	0.66159895	215.96887160	0.65	4.67623197	Y (371.029 nm)	Linear	1.00000	Fitted	355.723406422493	35943.960009001	0.91168008	0.
Ba 230.424	Ba	n	0.95817893	0.95817893	mg/L	79927.84989620	0.01097338	1.14523291	911.63365036	1.14	2.99500977	Y (371.029 nm)	Linear	0.99991	Fitted	320.944546456498	83076.8287015984	0.94652360	0.
Be 313.107	Be	n	0.96548311	0.96548311	mg/L	2650009.52114299	0.01030546	1.06738881	28282.55257539	1.07	1.07961226	Y (371.029 nm)	Linear	1.00000	Fitted	314.299724647743	2744424.42090531	0.95495180	0.
Ca 317.933	Ca-R	n	0.91592180	0.91592180	mg/L	16308.35376318	0.00760058	0.82982892	120.62441526	0.74	22.37721428	Y-R (371.029 nm)	Linear	0.99999	Fitted	1769.7142084379	15870.4140866595	0.92274395	0.
Cd 214.439	Cd	n	0.93643330	0.93643330	mg/L	202538.19579333	0.00150014	0.16019709	324.49784003	0.16	5.62394238	Y (371.029 nm)	Linear	0.99972	Fitted	-26.0550294873418	216311.862822474	0.93619913	0.
Co 230.786	Co	n	0.94132370	0.94132370	mg/L	37064.79781698	0.00687088	0.72991670	270.22081116	0.73	19.02338365	Y (371.029 nm)	Linear	0.99997	Fitted	43.7782215927577	39328.4199063949	0.93404821	0.
Cr 267.716	Cr	n	0.94152711	0.94152711	mg/L	68280.75200549	0.01047815	1.11288917	759.66391644	1.11	5.55970103	Y (371.029 nm)	Linear	0.99997	Off-Peak Left+Right	20.1266331741009	72499.7904484812	0.93082644	0.
Cu 324.754	Cu	n	0.98888731	0.98888731	mg/L	43932.38570226	0.00683753	0.69143686	299.69875252	0.68	21.24684838	Y (371.029 nm)	Linear	0.99992	Fitted	588.557197910467	43831.4262423811	0.98233051	0.
Fe 259.940	Fe	n	0.98646969	0.98646969	mg/L	67088.46688821	0.00960323	0.97349511	652.74057103	0.97	10.61972193	Y (371.029 nm)	Linear	0.99994	Off-Peak Left+Right	36.5546132684872	67970.91086477	0.97650871	0.
K 766.491	K-R	n	9.04882001	9.04882001	mg/L	14806.39044005	0.05736784	0.63398149	93.60420043	0.63	19.84138616	Y-R (371.029 nm)	Linear	1.00000	Fitted	42.4383366429514	1631.64927599152	9.07531876	8.
Li 670.783	Li-R	n	0.98173676	0.98173676	mg/L	113061.59398922	0.00724125	0.73759635	833.53859219	0.74	4.80931472	Y-R (371.029 nm)	Linear	1.00000	FACT	53.5763080571273	115109.694363644	0.98561707	0.
Mg 279.800	Mg-R	n	0.91817966	0.91817966	mg/L	2660.17304122	0.00277562	0.30229648	7.70300769	0.29	3.53568227	Y-R (371.029 nm)	Linear	1.00000	Fitted	111.675602641401	2775.23376315608	0.92034268	0.
Mn 257.610	Mn	n	0.92719525	0.92719525	mg/L	454804.20311054	0.00906168	0.97732186	4439.79752588	0.98	5.94072524	Y (371.029 nm)	Linear	0.99990	Fitted	523.246652406393	489952.927445074	0.91791269	0.
Mo 204.598	Mo	n	0.97149804	0.97149804	mg/L	10847.55001536	0.01181094	1.21574534	131.64331681	1.21	3.89152228	Y (371.029 nm)	Linear	1.00000	Fitted	19.089588126705	11145.8777676476	0.95815672	0.
Na 589.592	Na-R	n	1.26002051	1.26002051	mg/L	16790.90770086	0.01569035	1.24524563	181.28945047	1.08	19.04232273	Y-R (371.029 nm)	Linear	1.00000	Fitted	2238.9107726026	11554.2002324052	1.27330805	1.
Ni 231.604	Ni	n	0.94523023	0.94523023	mg/L	26103.14633616	0.00839271	0.88790086	230.11106909	0.88	3.44177854	Y (371.029 nm)	Linear	0.99998	Off-Peak Left+Right	187.372425032713	27417.9784110399	0.93769520	0.
P 177.434	P	n	0.02251580	0.02251580	mg/L	10.35148890	0.01370212	60.85557099	3.09438824	29.89		Y (371.029 nm)	Linear	1.00000	Fitted	5.26224648069594	225.832848686858	0.01133563	0.
Pb 220.353	Pb	n	0.99642549	0.99642549	mg/L	9101.11296724	0.00421862	0.42337534	37.81592526	0.42	25.09022586	Y (371.029 nm)	Linear	0.99996	Off-Peak Right	171.026977801425	8964.05158812345	0.99612686	0.
S 181.972	S	n	0.01454695	0.01454695	mg/L	151.83426962	0.00358825	24.66667138	5.39425160	3.55		Y (371.029 nm)	Linear	1.00000	Fitted	129.948723818944	1503.31039459955	0.01781565	0.
Sb 206.834	Sb	n	0.95343142	0.95343142	mg/L	3803.86404162	0.00434772	0.45600802	17.50237604	0.46	6.03486237	Y (371.029 nm)	Linear	0.99998	Off-Peak Right	-34.5571991267422	4025.64125642531	0.95080592	0.
Se 196.026	Se	n	0.84416360	0.84416360	mg/L	3519.31062086	0.00177628	0.21041879	7.33691019	0.21	2.29875901	Y (371.029 nm)	Linear	0.99990	Fitted	32.7303760974339	4130.49472280005	0.84522296	0.
Si 251.611	Si	n	4.76061525	4.76061525	mg/L	42644.48441601	0.03279820	0.68894885	293.12467843	0.69		Y (371.029 nm)	Linear	1.00000	Fitted	98.3187416870542	8937.21737151692	4.73772326	4.
Sn 189.925	Sn	n	0.01682114	0.01682114	mg/L	252.08159974	0.00009680	0.57545776	1.22296801	0.49	12.26165207	Y (371.029 nm)	Linear	0.99995	Fitted	39.5541885268555	12634.1568554032	0.01678448	0.
Sr 421.552	Sr-R	n	0.95294520	0.95294520	mg/L	487001.62884005	0.00849881	0.89184653	4341.39227631	0.89	4.03830839	Y-R (371.029 nm)	Linear	0.99994	Fitted	208.594109201771	510823.627022499	0.95551964	0.
Ti 334.941	Ti	n	0.99369008	0.99369008	mg/L	373439.55651164	0.01751943	1.76306749	6580.12744062	1.76	3.40632998	Y (371.029 nm)	Linear	0.99999	Fitted	220.002205964814	375590.339424497	0.97428291	0.
Tl 190.794	Tl	n	0.95545841	0.95545841	mg/L	3723.32210784	0.00167773	0.17559428	6.53555149	0.18	10.21151594	Y (371.029 nm)	Linear	0.99992	Fitted	1.31691436736463	3895.47190652993	0.95410458	0.
V 292.401	V	n	0.97300462	0.97300462	mg/L	39559.24274148	0.00955000	0.98149583	388.10770435	0.98	2.55424749	Y (371.029 nm)	Linear	1.00000	Off-Peak Left+Right	17.8006478267166	40639.5511768207	0.96375264	0.
Zn 206.200	Zn	n	0.93556395	0.93556395	mg/L	61433.02314385	0.00354377	0.37878452	232.36396399	0.38	7.02046350	Y (371.029 nm)	Linear	0.99960	Fitted	97.9001412786361	65569.6812260482	0.93539687	0.
Y 371.029	Y		0.95	0.95	Ratio	635671.78	0.03	2.70	17168.97	2.70		-	-	-	Fitted	-	-	0.92	0.
Y 371.029	Y-R		1.08	1.08	Ratio	167822.02	0.01	1.14	1914.58	1.14		-	-	-	Fitted	-	-	1.07	1.

ENTHALPY INITIAL CALIBRATION FOR 489010 METALS Wipe: EPA 6010B

Instrument:	MET09		
Calibration #:	673297193001	Date:	25-JUL-2023 09:13
Units:	mg/L	X Axis:	R

Level	File	Seqnum	Sample ID	Analyzed	Standards
L1	icp data	673297193002	L1	25-JUL-2023 09:16	S18676
L2	icp data	673297193003	L2	25-JUL-2023 09:20	S18675
L3	icp data	673297193004	L3	25-JUL-2023 09:23	S18674
L4	icp data	673297193005	L4	25-JUL-2023 09:26	S18673
L5	icp data	673297193006	L5	25-JUL-2023 09:29	S18672
L6	icp data	673297193007	L6	25-JUL-2023 09:32	S18663

Analyte	Ch	Type	a0	a1	a2	Avg RF	r^2	%RSD	n	Min r^2	Flags
Lead	A	WB1K	-0.0167	1.15E-4		19847	1.000		7	0.995	

Instrument amount = a0 + (response × a1) + (response² × a2)
WB1K: Linear regression with ICALBLK weighting factor of 1000

Analyte	Ch	L1 RF	L2 RF	L3 RF	L4 RF	L5 RF	L6 RF
Lead	A	55851	25380	11027	9227.5	8882.9	8712.4

Spiked Amounts / Drifts	Ch	L1	%D	L2	%D	L3	%D	L4	%D	L5	%D	L6	%D
Lead	A	0.0033	38	0.0100	**23**	0.1000	10	1.0000	4	5.0000	1	10.000	0

ENTHALPY 2ND SOURCE CALIBRATION SUMMARY FOR 489010 METALS Wipe

EPA 6010B

Inst:	MET09		
Calnum:	673297193001	Cal Date:	25-JUL-2023

- ICV 673297193010 (25-JUL-2023) stds: S18628

Analyte	Ch	Spiked	Quant	Units	%D	Max	Flags
Lead	A	1.000	0.9896	mg/L	-1	10	

Instrument ID: MET09

Label:	ICALBLK	Rack:Tube:	S1:1	Type:	BLK
Date Time:	7/25/2023 9:13:50 AM	Weight:	-	Volume:	-
Dilution:	-	%RSE limit:	-	Calibration Coefficient [3]:	-
LIMS ID:		Customer:		Customer Ref.:	
Sample Date Time:		Sample Site:		Description:	
Replicates:	3	Flags Replicate 1:		Flags Replicate 2:	
Flags Replicate 3:					

Element	Element Label	Flags	Unadjusted Data	Concentration	Unit	Intensity	Concentration SD	Concentration %RSD	Intensity SD	Intensity %RSD	%RSE	Internal Standard	Calibration fit	Correlation coefficient	Background correction	Calibration Coefficient [1]	Calibration Coefficient [2]	Concentration Replicate 1	Concentra Replicate 2
Ag 328.068	Ag	n	0.00000000	0.00000000	mg/L	572.50207745	-	-	22.24194954	3.89		Y (371.029 nm)	Linear	1.00000	Fitted	572.502077445868	87689.9995285448	0.00000000	0.00000
Al 396.152	Al	n	0.00000000	0.00000000	mg/L	1195.92259653	-	-	30.39209238	2.54	15.39233378	Y (371.029 nm)	Linear	0.99998	Fitted	1205.56470480183	38922.9696497508	0.00000000	0.00000
As 188.980	As	n	0.00000000	0.00000000	mg/L	25.17567025	-	-	5.63333895	22.38	2.71184674	Y (371.029 nm)	Linear	0.99996	Fitted	37.5874680560493	5475.60572556616	0.00000000	0.00000
B 249.678	B	n	0.00000000	0.00000000	mg/L	356.70102771	-	-	1.90840791	0.54	4.67623197	Y (371.029 nm)	Linear	1.00000	Fitted	355.723406422493	35943.960009001	0.00000000	0.00000
Ba 230.424	Ba	n	0.00000000	0.00000000	mg/L	300.20980048	-	-	14.32040497	4.77	2.99500977	Y (371.029 nm)	Linear	0.99991	Fitted	320.944546456498	83076.8287015984	0.00000000	0.00000
Be 313.107	Be	n	0.00000000	0.00000000	mg/L	343.88115876	-	-	23.33900458	6.79	1.07961226	Y (371.029 nm)	Linear	1.00000	Fitted	314.299724647743	2744424.42090531	0.00000000	0.00000
Ca 317.933	Ca-R	n	0.00000000	0.00000000	mg/L	1378.58010849	-	-	21.42129029	1.55	22.37721428	Y-R (371.029 nm)	Linear	0.99999	Fitted	1769.7142084379	15870.4140866595	0.00000000	0.00000
Cd 214.439	Cd	n	0.00000000	0.00000000	mg/L	-26.02481848	-	-	3.33817073	12.83	5.62394238	Y (371.029 nm)	Linear	0.99972	Fitted	-26.0550294873418	216311.862822474	0.00000000	0.00000
Co 230.786	Co	n	0.00000000	0.00000000	mg/L	43.32576362	-	-	4.58611126	10.59	19.02338365	Y (371.029 nm)	Linear	0.99997	Fitted	43.7782215927577	39328.4199063949	0.00000000	0.00000
Cr 267.716	Cr	n	0.00000000	0.00000000	mg/L	-12.11746425	-	-	16.90815014	> 100.00	5.55970103	Y (371.029 nm)	Linear	0.99997	Off-Peak Left+Right	20.1266331741009	72499.7904484812	0.00000000	0.00000
Cu 324.754	Cu	n	0.00000000	0.00000000	mg/L	711.83395722	-	-	17.60296843	2.47	21.24684838	Y (371.029 nm)	Linear	0.99992	Fitted	588.557197910467	43831.4262423811	0.00000000	0.00000
Fe 259.940	Fe	n	0.00000000	0.00000000	mg/L	-8.18337790	-	-	10.47034325	> 100.00	10.61972193	Y (371.029 nm)	Linear	0.99994	Off-Peak Left+Right	36.5546132684872	67970.91086477	0.00000000	0.00000
K 766.491	K-R	n	0.00000000	0.00000000	mg/L	-9.90057149	-	-	37.22460178	> 100.00	19.84138616	Y-R (371.029 nm)	Linear	1.00000	Fitted	42.4383366429514	1631.64927599152	0.00000000	0.00000
Li 670.783	Li-R	n	0.00000000	0.00000000	mg/L	0.00000000	-	-	65.91975489	> 100.00	4.80931472	Y-R (371.029 nm)	Linear	1.00000	FACT	53.5763080571273	115109.694363644	0.00000000	0.00000
Mg 279.800	Mg-R	n	0.00000000	0.00000000	mg/L	96.96082636	-	-	4.40973958	4.55	3.53568227	Y-R (371.029 nm)	Linear	1.00000	Fitted	111.675602641401	2775.23376315608	0.00000000	0.00000
Mn 257.610	Mn	n	0.00000000	0.00000000	mg/L	400.26716053	-	-	18.65046242	4.66	5.94072524	Y (371.029 nm)	Linear	0.99990	Fitted	523.246652406393	489952.927445074	0.00000000	0.00000
Mo 204.598	Mo	n	0.00000000	0.00000000	mg/L	15.95737370	-	-	8.21489880	51.48	3.89152228	Y (371.029 nm)	Linear	1.00000	Fitted	19.089588126705	11145.8777676476	0.00000000	0.00000
Na 589.592	Na-R	n	0.00000000	0.00000000	mg/L	2091.33060317	-	-	317.43288025	15.18	19.04232273	Y-R (371.029 nm)	Linear	1.00000	Fitted	2238.9107726026	11554.2002324052	0.00000000	0.00000
Ni 231.604	Ni	n	0.00000000	0.00000000	mg/L	183.64748992	-	-	2.40958883	1.31	3.44177854	Y (371.029 nm)	Linear	0.99998	Off-Peak Left+Right	187.372425032713	27417.9784110399	0.00000000	0.00000
P 177.434	P	n	0.00000000	0.00000000	mg/L	5.26224648	-	-	2.63652578	50.10		Y (371.029 nm)	Linear	1.00000	Fitted	5.26224648069594	225.832848686858	0.00000000	0.00000
Pb 220.353	Pb	n	0.00000000	0.00000000	mg/L	145.34231284	-	-	8.35516032	5.75	25.09022586	Y (371.029 nm)	Linear	0.99996	Off-Peak Right	171.026977801425	8964.05158812345	0.00000000	0.00000
S 181.972	S	n	0.00000000	0.00000000	mg/L	129.94872382	-	-	0.92528487	0.71		Y (371.029 nm)	Linear	1.00000	Fitted	129.948723818944	1503.31039459955	0.00000000	0.00000
Sb 206.834	Sb	n	0.00000000	0.00000000	mg/L	-30.68767215	-	-	8.59256075	28.00	6.03486237	Y (371.029 nm)	Linear	0.99998	Off-Peak Right	-34.5571991267422	4025.64125642531	0.00000000	0.00000
Se 196.026	Se	n	0.00000000	0.00000000	mg/L	23.90035324	-	-	4.79107854	20.05	2.29875901	Y (371.029 nm)	Linear	0.99990	Fitted	32.7303760974339	4130.49472280005	0.00000000	0.00000
Si 251.611	Si	n	0.00000000	0.00000000	mg/L	98.31874169	-	-	9.82465648	9.99		Y (371.029 nm)	Linear	1.00000	Fitted	98.3187416870542	8937.21737151692	0.00000000	0.00000
Sn 189.925	Sn	n	0.00000000	0.00000000	mg/L	32.72391416	-	-	7.19661495	21.99	12.26165207	Y (371.029 nm)	Linear	0.99995	Fitted	39.5541885268555	12634.1568554032	0.00000000	0.00000
Sr 421.552	Sr-R	n	0.00000000	0.00000000	mg/L	69.96661563	-	-	39.93261725	57.07	4.03830839	Y-R (371.029 nm)	Linear	0.99994	Fitted	208.594109201771	510823.627022499	0.00000000	0.00000
Ti 334.941	Ti	n	0.00000000	0.00000000	mg/L	262.52245295	-	-	89.28434031	34.01	3.40632998	Y (371.029 nm)	Linear	0.99999	Fitted	220.002205964814	375590.339424497	0.00000000	0.00000
Tl 190.794	Tl	n	0.00000000	0.00000000	mg/L	12.50013699	-	-	4.66575594	37.33	10.21151594	Y (371.029 nm)	Linear	0.99992	Fitted	1.31691436736463	3895.47190652993	0.00000000	0.00000
V 292.401	V	n	0.00000000	0.00000000	mg/L	20.79604893	-	-	10.89427868	52.39	2.55424749	Y (371.029 nm)	Linear	1.00000	Off-Peak Left+Right	17.8006478267166	40639.5511768207	0.00000000	0.00000
Zn 206.200	Zn	n	0.00000000	0.00000000	mg/L	100.33739546	-	-	7.12261215	7.10	7.02046350	Y (371.029 nm)	Linear	0.99960	Fitted	97.9001412786361	65569.6812260482	0.00000000	0.00000
Y 371.029	Y		1.00	1.00	Ratio	666361.21	0.00	0.00	3616.13	0.54		-	-	-	Fitted	-	-	1.00	1.00
Y 371.029	Y-R		1.00	1.00	Ratio	155962.05	0.00	0.00	3622.71	2.32		-	-	-	Fitted	-	-	1.00	1.00

Instrument ID: MET09

Label:	ICAL,L1,S18676	Rack:Tube:	S1:2	Type:	STD
Date Time:	7/25/2023 9:16:57 AM	Weight:	-	Volume:	-
Dilution:	-	%RSE limit:	-	Calibration Coefficient [3]:	-
LIMS ID:		Customer:		Customer Ref.:	
Sample Date Time:		Sample Site:		Description:	
Replicates:	3	Flags Replicate 1:		Flags Replicate 2:	
Flags Replicate 3:					

Element	Element Label	Flags	Unadjusted Data	Concentration	Unit	Intensity	Concentration SD	Concentration %RSD	Intensity SD	Intensity % RSD	%RSE	Internal Standard	Calibration fit	Correlation coefficient	Background correction	Calibration Coefficient [1]	Calibration Coefficient [2]	Concentration Replicate 1	Concentra Replicate 2
Ag 328.068	Ag	n			mg/L	578.25256380	-	-	32.86746218	5.68		Y (371.029 nm)	Linear	1.00000	Fitted	572.502077445868	87689.9995285448		
Al 396.152	Al	n	0.00666667	0.00666667	mg/L	1387.20473805	-	-	30.59369609	2.21	15.39233378	Y (371.029 nm)	Linear	0.99998	Fitted	1205.56470480183	38922.9696497508	0.00666667	0.00666
As 188.980	As	n	0.00333333	0.00333333	mg/L	56.56615568	-	-	6.36149565	11.25	2.71184674	Y (371.029 nm)	Linear	0.99996	Fitted	37.5874680560493	5475.60572556616	0.00333333	0.00333
B 249.678	B	n	0.00333333	0.00333333	mg/L	484.82203477	-	-	25.61117488	5.28	4.67623197	Y (371.029 nm)	Linear	1.00000	Fitted	355.723406422493	35943.960009001	0.00333333	0.00333
Ba 230.424	Ba	n	0.00333333	0.00333333	mg/L	586.09303112	-	-	10.82335372	1.85	2.99500977	Y (371.029 nm)	Linear	0.99991	Fitted	320.944546456498	83076.8287015984	0.00333333	0.00333
Be 313.107	Be	n	0.00100000	0.00100000	mg/L	3043.03710723	-	-	16.88979687	0.56	1.07961226	Y (371.029 nm)	Linear	1.00000	Fitted	314.299724647743	2744424.42090531	0.00100000	0.00100
Ca 317.933	Ca-R	n	0.03333333	0.03333333	mg/L	2160.20381628	-	-	18.30262714	0.85	22.37721428	Y-R (371.029 nm)	Linear	0.99999	Fitted	1769.7142084379	15870.4140866595	0.03333333	0.03333
Cd 214.439	Cd	n	0.00166667	0.00166667	mg/L	314.29747765	-	-	14.06742136	4.48	5.62394238	Y (371.029 nm)	Linear	0.99972	Fitted	-26.0550294873418	216311.862822474	0.00166667	0.00166
Co 230.786	Co	n	0.00166667	0.00166667	mg/L	85.57164682	-	-	4.45635916	5.21	19.02338365	Y (371.029 nm)	Linear	0.99997	Fitted	43.7782215927577	39328.4199063949	0.00166667	0.00166
Cr 267.716	Cr	n	0.00333333	0.00333333	mg/L	236.91794438	-	-	9.83999881	4.15	5.55970103	Y (371.029 nm)	Linear	0.99997	Off-Peak Left+Right	20.1266331741009	72499.7904484812	0.00333333	0.00333
Cu 324.754	Cu	n	0.00333333	0.00333333	mg/L	795.45718764	-	-	21.30535298	2.68	21.24684838	Y (371.029 nm)	Linear	0.99992	Fitted	588.557197910467	43831.4262423811	0.00333333	0.00333
Fe 259.940	Fe	n	0.00666667	0.00666667	mg/L	580.42374998	-	-	24.99162261	4.31	10.61972193	Y (371.029 nm)	Linear	0.99994	Off-Peak Left+Right	36.5546132684872	67970.91086477	0.00666667	0.00666
K 766.491	K-R	n	0.06666667	0.06666667	mg/L	193.79356454	-	-	23.57690856	12.17	19.84138616	Y-R (371.029 nm)	Linear	1.00000	Fitted	42.4383366429514	1631.64927599152	0.06666667	0.06666
Li 670.783	Li-R	n	0.00333333	0.00333333	mg/L	406.11680200	-	-	69.43811935	17.10	4.80931472	Y-R (371.029 nm)	Linear	1.00000	FACT	53.5763080571273	115109.694363644	0.00333333	0.00333
Mg 279.800	Mg-R	n	0.03333333	0.03333333	mg/L	207.05080334	-	-	9.59712940	4.64	3.53568227	Y-R (371.029 nm)	Linear	1.00000	Fitted	111.675602641401	2775.23376315608	0.03333333	0.03333
Mn 257.610	Mn	n	0.00333333	0.00333333	mg/L	2096.99081990	-	-	14.08656287	0.67	5.94072524	Y (371.029 nm)	Linear	0.99990	Fitted	523.246652406393	489952.927445074	0.00333333	0.00333
Mo 204.598	Mo	n	0.00333333	0.00333333	mg/L	59.11748932	-	-	7.66973142	12.97	3.89152228	Y (371.029 nm)	Linear	1.00000	Fitted	19.089588126705	11145.8777676476	0.00333333	0.00333
Na 589.592	Na-R	n	0.06666667	0.06666667	mg/L	2722.21812783	-	-	290.07763714	10.66	19.04232273	Y-R (371.029 nm)	Linear	1.00000	Fitted	2238.9107726026	11554.2002324052	0.06666667	0.06666
Ni 231.604	Ni	n	0.00333333	0.00333333	mg/L	276.73566570	-	-	4.49659584	1.62	3.44177854	Y (371.029 nm)	Linear	0.99998	Off-Peak Left+Right	187.372425032713	27417.9784110399	0.00333333	0.00333
P 177.434	P	n			mg/L	3.22441227	-	-	2.23862566	69.43		Y (371.029 nm)	Linear	1.00000	Fitted	5.26224648069594	225.832848686858		
Pb 220.353	Pb	n	0.00333333	0.00333333	mg/L	186.17101740	-	-	8.63622658	4.64	25.09022586	Y (371.029 nm)	Linear	0.99996	Off-Peak Right	171.026977801425	8964.05158812345	0.00333333	0.00333
S 181.972	S	n			mg/L	130.02387995	-	-	4.09635964	3.15		Y (371.029 nm)	Linear	1.00000	Fitted	129.948723818944	1503.31039459955		
Sb 206.834	Sb	n	0.01000010	0.01000010	mg/L	8.86158864	-	-	11.22668048	> 100.00	6.03486237	Y (371.029 nm)	Linear	0.99998	Off-Peak Right	-34.5571991267422	4025.64125642531	0.01000010	0.01000
Se 196.026	Se	n	0.01000001	0.01000001	mg/L	75.23457057	-	-	9.21594961	12.25	2.29875901	Y (371.029 nm)	Linear	0.99990	Fitted	32.7303760974339	4130.49472280005	0.01000001	0.01000
Si 251.611	Si	n			mg/L	136.25789537	-	-	4.97415659	3.65		Y (371.029 nm)	Linear	1.00000	Fitted	98.3187416870542	8937.21737151692		
Sn 189.925	Sn	n	0.00333333	0.00333333	mg/L	71.76919051	-	-	7.78677085	10.85	12.26165207	Y (371.029 nm)	Linear	0.99995	Fitted	39.5541885268555	12634.1568554032	0.00333333	0.00333
Sr 421.552	Sr-R	n	0.01666667	0.01666667	mg/L	8913.56482184	-	-	67.26756193	0.75	4.03830839	Y-R (371.029 nm)	Linear	0.99994	Fitted	208.594109201771	510823.627022499	0.01666667	0.01666
Ti 334.941	Ti	n	0.00333333	0.00333333	mg/L	1480.04973273	-	-	19.41898112	1.31	3.40632998	Y (371.029 nm)	Linear	0.99999	Fitted	220.002205964814	375590.339424497	0.00333333	0.00333
Tl 190.794	Tl	n	0.01000010	0.01000010	mg/L	33.67976534	-	-	3.65388485	10.85	10.21151594	Y (371.029 nm)	Linear	0.99992	Fitted	1.31691436736463	3895.47190652993	0.01000010	0.01000
V 292.401	V	n	0.00166667	0.00166667	mg/L	88.57491371	-	-	11.15590375	12.59	2.55424749	Y (371.029 nm)	Linear	1.00000	Off-Peak Left+Right	17.8006478267166	40639.5511768207	0.00166667	0.00166
Zn 206.200	Zn	n	0.01000010	0.01000010	mg/L	729.45396991	-	-	7.17617031	0.98	7.02046350	Y (371.029 nm)	Linear	0.99960	Fitted	97.9001412786361	65569.6812260482	0.01000010	0.01000
Y 371.029	Y		0.98	0.98	Ratio	654433.08	0.01	1.18	7735.93	1.18		-	-	-	Fitted	-	-	0.97	0.98
Y 371.029	Y-R		1.01	1.01	Ratio	157130.41	0.01	1.21	1897.37	1.21		-	-	-	Fitted	-	-	1.01	1.02

Instrument ID: MET09

Label:	ICAL,L2,S18675	**Rack:Tube:**	S1:3	**Type:**	STD
Date Time:	7/25/2023 9:20:04 AM	**Weight:**	-	**Volume:**	-
Dilution:	-	**%RSE limit:**	-	**Calibration Coefficient [3]:**	-
LIMS ID:		**Customer:**		**Customer Ref.:**	
Sample Date Time:		**Sample Site:**		**Description:**	
Replicates:	3	**Flags Replicate 1:**		**Flags Replicate 2:**	
Flags Replicate 3:					

Element	Element Label	Flags	Unadjusted Data	Concentration	Unit	Intensity	Concentration SD	Concentration %RSD	Intensity SD	Intensity %RSD	%RSE	Internal Standard	Calibration fit	Correlation coefficient	Background correction	Calibration Coefficient [1]	Calibration Coefficient [2]	Concentration Replicate 1	Concentratio Replicate 2
Ag 328.068	Ag	n			mg/L	559.86184002	-	-	10.38523100	1.85		Y (371.029 nm)	Linear	1.00000	Fitted	572.502077445868	87689.9995285448		
Al 396.152	Al	n	0.02000000	0.02000000	mg/L	2014.15352133	-	-	13.19171076	0.65	15.39233378	Y (371.029 nm)	Linear	0.99998	Fitted	1205.56470480183	38922.9696497508	0.02000000	0.020000
As 188.980	As	n	0.01000000	0.01000000	mg/L	93.79774411	-	-	8.32313350	8.87	2.71184674	Y (371.029 nm)	Linear	0.99996	Fitted	37.5874680560493	5475.60572556616	0.01000000	0.010000
B 249.678	B	n	0.01000000	0.01000000	mg/L	725.26208279	-	-	14.59609539	2.01	4.67623197	Y (371.029 nm)	Linear	1.00000	Fitted	355.723406422493	35943.960009001	0.01000000	0.010000
Ba 230.424	Ba	n	0.01000000	0.01000000	mg/L	1162.33425321	-	-	7.99839410	0.69	2.99500977	Y (371.029 nm)	Linear	0.99991	Fitted	320.944546456498	83076.8287015984	0.01000000	0.010000
Be 313.107	Be	n	0.00300000	0.00300000	mg/L	8543.73156517	-	-	27.02205814	0.32	1.07961226	Y (371.029 nm)	Linear	1.00000	Fitted	314.299724647743	2744424.42090531	0.00300000	0.003000
Ca 317.933	Ca-R	n	0.10000000	0.10000000	mg/L	3923.09745859	-	-	21.18565247	0.54	22.37721428	Y-R (371.029 nm)	Linear	0.99999	Fitted	1769.7142084379	15870.4140866595	0.10000000	0.100000
Cd 214.439	Cd	n	0.00500000	0.00500000	mg/L	1043.55894787	-	-	19.25157349	1.84	5.62394238	Y (371.029 nm)	Linear	0.99972	Fitted	-26.0550294873418	216311.862822474	0.00500000	0.005000
Co 230.786	Co	n	0.00500000	0.00500000	mg/L	224.44764703	-	-	12.16354686	5.42	19.02338365	Y (371.029 nm)	Linear	0.99997	Fitted	43.7782215927577	39328.4199063949	0.00500000	0.005000
Cr 267.716	Cr	n	0.01000000	0.01000000	mg/L	751.79332820	-	-	4.55619054	0.61	5.55970103	Y (371.029 nm)	Linear	0.99997	Off-Peak Left+Right	20.1266331741009	72499.7904484812	0.01000000	0.010000
Cu 324.754	Cu	n	0.01000000	0.01000000	mg/L	1013.72872216	-	-	11.14328724	1.10	21.24684838	Y (371.029 nm)	Linear	0.99992	Fitted	588.557197910467	43831.4262423811	0.01000000	0.010000
Fe 259.940	Fe	n	0.02000000	0.02000000	mg/L	1409.14568581	-	-	8.14045190	0.58	10.61972193	Y (371.029 nm)	Linear	0.99994	Off-Peak Left+Right	36.5546132684872	67970.91086477	0.02000000	0.020000
K 766.491	K-R	n	0.20000000	0.20000000	mg/L	360.14376839	-	-	75.49931850	20.96	19.84138616	Y-R (371.029 nm)	Linear	1.00000	Fitted	42.4383366429514	1631.64927599152	0.20000000	0.200000
Li 670.783	Li-R	n	0.01000000	0.01000000	mg/L	1176.78612499	-	-	70.06870699	5.95	4.80931472	Y-R (371.029 nm)	Linear	1.00000	FACT	53.5763080571273	115109.694363644	0.01000000	0.010000
Mg 279.800	Mg-R	n	0.10000000	0.10000000	mg/L	402.62954248	-	-	4.75278248	1.18	3.53568227	Y-R (371.029 nm)	Linear	1.00000	Fitted	111.675602641401	2775.23376315608	0.10000000	0.100000
Mn 257.610	Mn	n	0.01000000	0.01000000	mg/L	5444.72684613	-	-	5.81809576	0.11	5.94072524	Y (371.029 nm)	Linear	0.99990	Fitted	523.246652406393	489952.927445074	0.01000000	0.010000
Mo 204.598	Mo	n	0.01000000	0.01000000	mg/L	131.07842316	-	-	8.75293594	6.68	3.89152228	Y (371.029 nm)	Linear	1.00000	Fitted	19.089588126705	11145.8777676476	0.01000000	0.010000
Na 589.592	Na-R	n	0.20000000	0.20000000	mg/L	4394.35431306	-	-	288.64693235	6.57	19.04232273	Y-R (371.029 nm)	Linear	1.00000	Fitted	2238.9107726026	11554.2002324052	0.20000000	0.200000
Ni 231.604	Ni	n	0.01000000	0.01000000	mg/L	461.25604538	-	-	12.41920336	2.69	3.44177854	Y (371.029 nm)	Linear	0.99998	Off-Peak Left+Right	187.372425032713	27417.9784110399	0.01000000	0.010000
P 177.434	P	n			mg/L	2.39984992	-	-	1.36512505	56.88		Y (371.029 nm)	Linear	1.00000	Fitted	5.26224648069594	225.832848686858		
Pb 220.353	Pb	n	0.01000000	0.01000000	mg/L	253.80022951	-	-	6.97545405	2.75	25.09022586	Y (371.029 nm)	Linear	0.99996	Off-Peak Right	171.026977801425	8964.05158812345	0.01000000	0.010000
S 181.972	S	n			mg/L	134.92496982	-	-	6.91499886	5.13		Y (371.029 nm)	Linear	1.00000	Fitted	129.948723818944	1503.31039459955		
Sb 206.834	Sb	n	0.03000030	0.03000030	mg/L	88.01800952	-	-	10.98410543	12.48	6.03486237	Y (371.029 nm)	Linear	0.99998	Off-Peak Right	-34.5571991267422	4025.64125642531	0.03000030	0.030000
Se 196.026	Se	n	0.03000003	0.03000003	mg/L	154.75120354	-	-	9.19887713	5.94	2.29875901	Y (371.029 nm)	Linear	0.99990	Fitted	32.7303760974339	4130.49472280005	0.03000003	0.030000
Si 251.611	Si	n			mg/L	104.86708785	-	-	0.45137280	0.43		Y (371.029 nm)	Linear	1.00000	Fitted	98.3187416870542	8937.21737151692		
Sn 189.925	Sn	n	0.01000000	0.01000000	mg/L	158.21237156	-	-	9.40684559	5.95	12.26165207	Y (371.029 nm)	Linear	0.99995	Fitted	39.5541885268555	12634.1568554032	0.01000000	0.010000
Sr 421.552	Sr-R	n	0.05000000	0.05000000	mg/L	26934.09852225	-	-	242.59845697	0.90	4.03830839	Y-R (371.029 nm)	Linear	0.99994	Fitted	208.594109201771	510823.627022499	0.05000000	0.050000
Ti 334.941	Ti	n	0.01000000	0.01000000	mg/L	3733.14396169	-	-	93.26733503	2.50	3.40632998	Y (371.029 nm)	Linear	0.99999	Fitted	220.002205964814	375590.339424497	0.01000000	0.010000
Tl 190.794	Tl	n	0.03000030	0.03000030	mg/L	105.40441253	-	-	7.79212712	7.39	10.21151594	Y (371.029 nm)	Linear	0.99992	Fitted	1.31691436736463	3895.47190652993	0.03000030	0.030000
V 292.401	V	n	0.00500000	0.00500000	mg/L	216.12738175	-	-	11.52804917	5.33	2.55424749	Y (371.029 nm)	Linear	1.00000	Off-Peak Left+Right	17.8006478267166	40639.5511768207	0.00500000	0.005000
Zn 206.200	Zn	n	0.03000030	0.03000030	mg/L	2086.64753280	-	-	8.10078599	0.39	7.02046350	Y (371.029 nm)	Linear	0.99960	Fitted	97.9001412786361	65569.6812260482	0.03000030	0.030000
Y 371.029	Y		0.98	0.98	Ratio	653359.70	0.01	1.10	7215.15	1.10		-	-	-	Fitted	-	-	0.97	0.98
Y 371.029	Y-R		1.00	1.00	Ratio	155778.37	0.01	1.05	1633.10	1.05		-	-	-	Fitted	-	-	1.01	1.00

Instrument ID: MET09

Label: ICAL,L3,S18674 **Rack:Tube:** S1:4 **Type:** STD

Date Time: 7/25/2023 9:23:12 AM **Weight:** - **Volume:** -

Dilution: - **%RSE limit:** - **Calibration Coefficient [3]:** -

LIMS ID: **Customer:** **Customer Ref.:**

Sample Date Time: **Sample Site:** **Description:**

Replicates: 3 **Flags Replicate 1:** **Flags Replicate 2:**

Flags Replicate 3:

Element	Element Label	Flags	Unadjusted Data	Concentration	Unit	Intensity	Concentration SD	Concentration %RSD	Intensity SD	Intensity % RSD	%RSE	Internal Standard	Calibration fit	Correlation coefficient	Background correction	Calibration Coefficient [1]	Calibration Coefficient [2]	Concentration Replicate 1	Concen Replica
Ag 328.068	Ag	n			mg/L	577.99692788	-	-	30.84529587	5.34		Y (371.029 nm)	Linear	1.00000	Fitted	572.502077445868	87689.9995285448		
Al 396.152	Al	n	0.20000000	0.20000000	mg/L	8961.97559988	-	-	18.88769372	0.21	15.39233378	Y (371.029 nm)	Linear	0.99998	Fitted	1205.56470480183	38922.9696497508	0.20000000	0.200
As 188.980	As	n	0.10000000	0.10000000	mg/L	596.22186046	-	-	5.65547206	0.95	2.71184674	Y (371.029 nm)	Linear	0.99996	Fitted	37.5874680560493	5475.60572556616	0.10000000	0.100
B 249.678	B	n	0.10000000	0.10000000	mg/L	3947.39217730	-	-	2.84606590	0.07	4.67623197	Y (371.029 nm)	Linear	1.00000	Fitted	355.723406422493	35943.960009001	0.10000000	0.100
Ba 230.424	Ba	n	0.10000000	0.10000000	mg/L	8644.68981936	-	-	21.27520672	0.25	2.99500977	Y (371.029 nm)	Linear	0.99991	Fitted	320.944546456498	83076.8287015984	0.10000000	0.100
Be 313.107	Be	n	0.03000000	0.03000000	mg/L	82996.75089519	-	-	241.42990527	0.29	1.07961226	Y (371.029 nm)	Linear	1.00000	Fitted	314.299724647743	2744424.42090531	0.03000000	0.030
Ca 317.933	Ca-R	n	1.00000000	1.00000000	mg/L	17786.97917570	-	-	140.28769197	0.79	22.37721428	Y-R (371.029 nm)	Linear	0.99999	Fitted	1769.7142084379	15870.4140866595	1.00000000	1.000
Cd 214.439	Cd	n	0.05000000	0.05000000	mg/L	10915.79258124	-	-	30.54141739	0.28	5.62394238	Y (371.029 nm)	Linear	0.99972	Fitted	-26.0550294873418	216311.862822474	0.05000000	0.050
Co 230.786	Co	n	0.05000000	0.05000000	mg/L	2017.02167687	-	-	2.23651796	0.11	19.02338365	Y (371.029 nm)	Linear	0.99997	Fitted	43.7782215927577	39328.4199063949	0.05000000	0.050
Cr 267.716	Cr	n	0.10000000	0.10000000	mg/L	7383.30941118	-	-	47.61022432	0.64	5.55970103	Y (371.029 nm)	Linear	0.99997	Off-Peak Left+Right	20.1266331741009	72499.7904484812	0.10000000	0.100
Cu 324.754	Cu	n	0.10000000	0.10000000	mg/L	4858.77288517	-	-	16.21456292	0.33	21.24684838	Y (371.029 nm)	Linear	0.99992	Fitted	588.557197910467	43831.4262423811	0.10000000	0.100
Fe 259.940	Fe	n	0.20000000	0.20000000	mg/L	13783.19847097	-	-	47.87791885	0.35	10.61972193	Y (371.029 nm)	Linear	0.99994	Off-Peak Left+Right	36.5546132684872	67970.91086477	0.20000000	0.200
K 766.491	K-R	n	2.00000000	2.00000000	mg/L	3125.68132431	-	-	77.61213905	2.48	19.84138616	Y-R (371.029 nm)	Linear	1.00000	Fitted	42.4383366429514	1631.64927599152	2.00000000	2.000
Li 670.783	Li-R	n	0.10000000	0.10000000	mg/L	12083.94224502	-	-	143.81053865	1.19	4.80931472	Y-R (371.029 nm)	Linear	1.00000	FACT	53.5763080571273	115109.694363644	0.10000000	0.100
Mg 279.800	Mg-R	n	1.00000000	1.00000000	mg/L	2983.72213048	-	-	26.67307260	0.89	3.53568227	Y-R (371.029 nm)	Linear	1.00000	Fitted	111.675602641401	2775.23376315608	1.00000000	1.000
Mn 257.610	Mn	n	0.10000000	0.10000000	mg/L	49612.63185956	-	-	121.53699751	0.24	5.94072524	Y (371.029 nm)	Linear	0.99990	Fitted	523.246652406393	489952.927445074	0.10000000	0.100
Mo 204.598	Mo	n	0.10000000	0.10000000	mg/L	1129.29808678	-	-	22.18914836	1.96	3.89152228	Y (371.029 nm)	Linear	1.00000	Fitted	19.089588126705	11145.8777676476	0.10000000	0.100
Na 589.592	Na-R	n	2.00000000	2.00000000	mg/L	26281.75345696	-	-	375.35074897	1.43	19.04232273	Y-R (371.029 nm)	Linear	1.00000	Fitted	2238.9107726026	11554.2002324052	2.00000000	2.000
Ni 231.604	Ni	n	0.10000000	0.10000000	mg/L	2937.08910233	-	-	3.21630002	0.11	3.44177854	Y (371.029 nm)	Linear	0.99998	Off-Peak Left+Right	187.372425032713	27417.9784110399	0.10000000	0.100
P 177.434	P	n			mg/L	2.99671734	-	-	3.12278492	> 100.00		Y (371.029 nm)	Linear	1.00000	Fitted	5.26224648069594	225.832848686858		
Pb 220.353	Pb	n	0.10000000	0.10000000	mg/L	1102.69160027	-	-	7.20677886	0.65	25.09022586	Y (371.029 nm)	Linear	0.99996	Off-Peak Right	171.026977801425	8964.05158812345	0.10000000	0.100
S 181.972	S	n			mg/L	134.85883584	-	-	6.05040044	4.49		Y (371.029 nm)	Linear	1.00000	Fitted	129.948723818944	1503.31039459955		
Sb 206.834	Sb	n	0.30000300	0.30000300	mg/L	1073.64584101	-	-	32.99808042	3.07	6.03486237	Y (371.029 nm)	Linear	0.99998	Off-Peak Right	-34.5571991267422	4025.64125642531	0.30000300	0.300
Se 196.026	Se	n	0.30000030	0.30000030	mg/L	1288.25685228	-	-	6.53102010	0.51	2.29875901	Y (371.029 nm)	Linear	0.99990	Fitted	32.7303760974339	4130.49472280005	0.30000030	0.300
Si 251.611	Si	n			mg/L	106.83732115	-	-	5.46067865	5.11		Y (371.029 nm)	Linear	1.00000	Fitted	98.3187416870542	8937.21737151692		
Sn 189.925	Sn	n	0.10000000	0.10000000	mg/L	1313.15825404	-	-	5.16340698	0.39	12.26165207	Y (371.029 nm)	Linear	0.99995	Fitted	39.5541885268555	12634.1568554032	0.10000000	0.100
Sr 421.552	Sr-R	n	0.50000000	0.50000000	mg/L	266853.46969819	-	-	672.59425100	0.25	4.03830839	Y-R (371.029 nm)	Linear	0.99994	Fitted	208.594109201771	510823.627022499	0.50000000	0.500
Ti 334.941	Ti	n	0.10000000	0.10000000	mg/L	37885.99084442	-	-	357.38701822	0.94	3.40632998	Y (371.029 nm)	Linear	0.99999	Fitted	220.002205964814	375590.339424497	0.10000000	0.100
Tl 190.794	Tl	n	0.30000300	0.30000300	mg/L	1176.31604565	-	-	5.96308947	0.51	10.21151594	Y (371.029 nm)	Linear	0.99992	Fitted	1.31691436736463	3895.47190652993	0.30000300	0.300
V 292.401	V	n	0.05000000	0.05000000	mg/L	2046.62790648	-	-	14.48554476	0.71	2.55424749	Y (371.029 nm)	Linear	1.00000	Off-Peak Left+Right	17.8006478267166	40639.5511768207	0.05000000	0.050
Zn 206.200	Zn	n	0.30000300	0.30000300	mg/L	19992.52062941	-	-	47.95339543	0.24	7.02046350	Y (371.029 nm)	Linear	0.99960	Fitted	97.9001412786361	65569.6812260482	0.30000300	0.300
Y 371.029	Y		0.98	0.98	Ratio	651535.14	0.01	1.08	7017.27	1.08		-	-	-	Fitted	-	-	0.97	0.98
Y 371.029	Y-R		1.00	1.00	Ratio	155674.52	0.01	0.68	1054.80	0.68		-	-	-	Fitted	-	-	1.00	1.00

Instrument ID: MET09

Label:	ICAL,L4,S18673	Rack:Tube:	S1:5	Type:	STD
Date Time:	7/25/2023 9:26:19 AM	Weight:	-	Volume:	-
Dilution:	-	%RSE limit:	-	Calibration Coefficient [3]:	-
LIMSID:		Customer:		Customer Ref.:	
Sample Date Time:		Sample Site:		Description:	
Replicates:	3	Flags Replicate 1:		Flags Replicate 2:	
Flags Replicate 3:					

Element	Element Label	Flags	Unadjusted Data	Concentration	Unit	Intensity	Concentration SD	Concentration %RSD	Intensity SD	Intensity %RSD	%RSE	Internal Standard	Calibration fit	Correlation coefficient	Background correction	Calibration Coefficient [1]	Calibration Coefficient [2]	Concentration Replicate 1	C R
Ag 328.068	Ag	n			mg/L	555.97298267	-	-	26.38839349	4.75		Y (371.029 nm)	Linear	1.00000	Fitted	572.502077445868	87689.9995285448		
Al 396.152	Al	n	2.00000000	2.00000000	mg/L	78055.82020055	-	-	762.43681629	0.98	15.39233378	Y (371.029 nm)	Linear	0.99998	Fitted	1205.56470480183	38922.9696497508	2.00000000	2
As 188.980	As	n	1.00000000	1.00000000	mg/L	5518.43574518	-	-	25.72027250	0.47	2.71184674	Y (371.029 nm)	Linear	0.99996	Fitted	37.5874680560493	5475.60572556616	1.00000000	1
B 249.678	B	n	1.00000000	1.00000000	mg/L	36796.55710700	-	-	462.77840334	1.26	4.67623197	Y (371.029 nm)	Linear	1.00000	Fitted	355.723406422493	35943.960009001	1.00000000	1
Ba 230.424	Ba	n	1.00000000	1.00000000	mg/L	83923.40512850	-	-	781.73519216	0.93	2.99500977	Y (371.029 nm)	Linear	0.99991	Fitted	320.944546456498	83076.8287015984	1.00000000	1
Be 313.107	Be	n	0.30000000	0.30000000	mg/L	823662.13694236	-	-	10731.80969312	1.30	1.07961226	Y (371.029 nm)	Linear	1.00000	Fitted	314.299724647743	2744424.42090531	0.30000000	0
Ca 317.933	Ca-R	n	10.00000000	10.00000000	mg/L	155278.17678004	-	-	1599.39704559	1.03	22.37721428	Y-R (371.029 nm)	Linear	0.99999	Fitted	1769.7142084379	15870.4140866595	10.00000000	1
Cd 214.439	Cd	n	0.50000000	0.50000000	mg/L	106904.80395091	-	-	758.07543610	0.71	5.62394238	Y (371.029 nm)	Linear	0.99972	Fitted	-26.0550294873418	216311.862822474	0.50000000	0
Co 230.786	Co	n	0.50000000	0.50000000	mg/L	19250.63836677	-	-	142.04463927	0.74	19.02338365	Y (371.029 nm)	Linear	0.99997	Fitted	43.7782215927577	39328.4199063949	0.50000000	0
Cr 267.716	Cr	n	1.00000000	1.00000000	mg/L	72281.16602246	-	-	687.62680966	0.95	5.55970103	Y (371.029 nm)	Linear	0.99997	Off-Peak Left+Right	20.1266331741009	72499.7904484812	1.00000000	1
Cu 324.754	Cu	n	1.00000000	1.00000000	mg/L	43580.33480132	-	-	470.27866348	1.08	21.24684838	Y (371.029 nm)	Linear	0.99992	Fitted	588.557197910467	43831.4262423811	1.00000000	1
Fe 259.940	Fe	n	2.00000000	2.00000000	mg/L	133900.99275140	-	-	1241.80234987	0.93	10.61972193	Y (371.029 nm)	Linear	0.99994	Off-Peak Left+Right	36.5546132684872	67970.91086477	2.00000000	2
K 766.491	K-R	n	20.00000000	20.00000000	mg/L	31952.61898867	-	-	289.03625243	0.90	19.84138616	Y-R (371.029 nm)	Linear	1.00000	Fitted	42.4383366429514	1631.64927599152	20.00000000	2
Li 670.783	Li-R	n	1.00000000	1.00000000	mg/L	114833.68521417	-	-	1205.98363815	1.05	4.80931472	Y-R (371.029 nm)	Linear	1.00000	FACT	53.5763080571273	115109.694363644	1.00000000	1
Mg 279.800	Mg-R	n	10.00000000	10.00000000	mg/L	27610.49468463	-	-	295.56237113	1.07	3.53568227	Y-R (371.029 nm)	Linear	1.00000	Fitted	111.675602641401	2775.23376315608	10.00000000	1
Mn 257.610	Mn	n	1.00000000	1.00000000	mg/L	474488.88704792	-	-	3917.30874671	0.83	5.94072524	Y (371.029 nm)	Linear	0.99990	Fitted	523.246652406393	489952.927445074	1.00000000	1
Mo 204.598	Mo	n	1.00000000	1.00000000	mg/L	11140.35028755	-	-	185.78044630	1.67	3.89152228	Y (371.029 nm)	Linear	1.00000	Fitted	19.089588126705	11145.8777676476	1.00000000	1
Na 589.592	Na-R	n	20.00000000	20.00000000	mg/L	235206.34570840	-	-	2710.88528229	1.15	19.04232273	Y-R (371.029 nm)	Linear	1.00000	Fitted	2238.9107726026	11554.2002324052	20.00000000	2
Ni 231.604	Ni	n	1.00000000	1.00000000	mg/L	27207.86979395	-	-	178.59496744	0.66	3.44177854	Y (371.029 nm)	Linear	0.99998	Off-Peak Left+Right	187.372425032713	27417.9784110399	1.00000000	1
P 177.434	P	n			mg/L	2.92740837	-	-	2.52448787	86.24		Y (371.029 nm)	Linear	1.00000	Fitted	5.26224648069594	225.832848686858		
Pb 220.353	Pb	n	1.00000000	1.00000000	mg/L	9227.47782564	-	-	46.50125686	0.50	25.09022586	Y (371.029 nm)	Linear	0.99996	Off-Peak Right	171.026977801425	8964.05158812345	1.00000000	1
S 181.972	S	n			mg/L	144.11551860	-	-	1.37639632	0.96		Y (371.029 nm)	Linear	1.00000	Fitted	129.948723818944	1503.31039459955		
Sb 206.834	Sb	n	3.00003000	3.00003000	mg/L	11620.81794395	-	-	437.34647264	3.76	6.03486237	Y (371.029 nm)	Linear	0.99998	Off-Peak Right	-34.5571991267422	4025.64125642531	3.00003000	3
Se 196.026	Se	n	3.00000300	3.00000300	mg/L	12568.95095512	-	-	106.33654757	0.85	2.29875901	Y (371.029 nm)	Linear	0.99990	Fitted	32.7303760974339	4130.49472280005	3.00000300	3
Si 251.611	Si	n			mg/L	266.72105428	-	-	20.90807098	7.84		Y (371.029 nm)	Linear	1.00000	Fitted	98.3187416870542	8937.21737151692		
Sn 189.925	Sn	n	1.00000000	1.00000000	mg/L	12719.04483694	-	-	94.07842820	0.74	12.26165207	Y (371.029 nm)	Linear	0.99995	Fitted	39.5541885268555	12634.1568554032	1.00000000	1
Sr 421.552	Sr-R	n	5.00000000	5.00000000	mg/L	2558126.19327816	-	-	22909.29279520	0.90	4.03830839	Y-R (371.029 nm)	Linear	0.99994	Fitted	208.594109201771	510823.627022499	5.00000000	5
Ti 334.941	Ti	n	1.00000000	1.00000000	mg/L	380955.40806563	-	-	3871.58628226	1.02	3.40632998	Y (371.029 nm)	Linear	0.99999	Fitted	220.002205964814	375590.339424497	1.00000000	1
Tl 190.794	Tl	n	3.00003000	3.00003000	mg/L	11805.68738701	-	-	85.39181871	0.72	10.21151594	Y (371.029 nm)	Linear	0.99992	Fitted	1.31691436736463	3895.47190652993	3.00003000	3
V 292.401	V	n	0.50000000	0.50000000	mg/L	20402.44045937	-	-	173.45168144	0.85	2.55424749	Y (371.029 nm)	Linear	1.00000	Off-Peak Left+Right	17.8006478267166	40639.5511768207	0.50000000	0
Zn 206.200	Zn	n	3.00003000	3.00003000	mg/L	194495.01778680	-	-	684.05227215	0.35	7.02046350	Y (371.029 nm)	Linear	0.99960	Fitted	97.9001412786361	65569.6812260482	3.00003000	3
Y 371.029	Y		0.96	0.96	Ratio	641621.07	0.01	0.75	4833.12	0.75		-	-	-	Fitted	-	-	0.96	0
Y 371.029	Y-R		1.00	1.00	Ratio	155461.23	0.00	0.47	736.24	0.47		-	-	-	Fitted	-	-	1.00	0

Instrument ID: MET09

Label:	ICAL,L5,S18672	Rack:Tube:	S1:6	Type:	STD
Date Time:	7/25/2023 9:29:26 AM	Weight:	-	Volume:	-
Dilution:	-	%RSE limit:	-	Calibration Coefficient [3]:	-
LIMSID:		Customer:		Customer Ref.:	
Sample Date Time:		Sample Site:		Description:	
Replicates:	3	Flags Replicate 1:		Flags Replicate 2:	
Flags Replicate 3:					

Element	Element Label	Flags	Unadjusted Data	Concentration	Unit	Intensity	Concentration SD	Concentration %RSD	Intensity SD	Intensity % RSD	%RSE	Internal Standard	Calibration fit	Correlation coefficient	Background correction	Calibration Coefficient [1]	Calibration Coefficient [2]	Concentratic Replicate 1
Ag 328.068	Ag	n			mg/L	545.01627135	-	-	17.09346973	3.14		Y (371.029 nm)	Linear	1.00000	Fitted	572.502077445868	87689.9995285448	
Al 396.152	Al	n	10.00000000	10.00000000	mg/L	403832.92151245	-	-	4247.45495484	1.05	15.39233378	Y (371.029 nm)	Linear	0.99998	Fitted	1205.56470480183	38922.9696497508	10.00000
As 188.980	As	n	5.00000000	5.00000000	mg/L	27525.40858911	-	-	154.62923930	0.56	2.71184674	Y (371.029 nm)	Linear	0.99996	Fitted	37.5874680560493	5475.60572556616	5.000000
B 249.678	B	n	5.00000000	5.00000000	mg/L	185898.80681937	-	-	1496.10570167	0.80	4.67623197	Y (371.029 nm)	Linear	1.00000	Fitted	355.723406422493	35943.960009001	5.000000
Ba 230.424	Ba	n	5.00000000	5.00000000	mg/L	411519.37678079	-	-	3401.62391290	0.83	2.99500977	Y (371.029 nm)	Linear	0.99991	Fitted	320.944546456498	83076.8287015984	5.000000
Be 313.107	Be	n	1.50000000	1.50000000	mg/L	4058721.81578317	-	-	39679.82262993	0.98	1.07961226	Y (371.029 nm)	Linear	1.00000	Fitted	314.299724647743	2744424.42090531	1.500000
Ca 317.933	Ca-R	n	50.00000000	50.00000000	mg/L	766626.45209044	-	-	6458.62717416	0.84	22.37721428	Y-R (371.029 nm)	Linear	0.99999	Fitted	1769.7142084379	15870.4140866595	50.00000
Cd 214.439	Cd	n	2.50000000	2.50000000	mg/L	518956.67559965	-	-	3897.91265931	0.75	5.62394238	Y (371.029 nm)	Linear	0.99972	Fitted	-26.0550294873418	216311.862822474	2.500000
Co 230.786	Co	n	2.50000000	2.50000000	mg/L	93581.43700597	-	-	704.67106273	0.75	19.02338365	Y (371.029 nm)	Linear	0.99997	Fitted	43.7782215927577	39328.4199063949	2.500000
Cr 267.716	Cr	n	5.00000000	5.00000000	mg/L	356316.85608679	-	-	3143.59639311	0.88	5.55970103	Y (371.029 nm)	Linear	0.99997	Off-Peak Left+Right	20.1266331741009	72499.7904484812	5.000000
Cu 324.754	Cu	n	5.00000000	5.00000000	mg/L	228156.32241131	-	-	1259.47132370	0.55	21.24684838	Y (371.029 nm)	Linear	0.99992	Fitted	588.557197910467	43831.4262423811	5.000000
Fe 259.940	Fe	n	10.00000000	10.00000000	mg/L	655893.36522028	-	-	5865.52615919	0.89	10.61972193	Y (371.029 nm)	Linear	0.99994	Off-Peak Left+Right	36.5546132684872	67970.91086477	10.00000
K 766.491	K-R	n	100.00000000	100.00000000	mg/L	163424.86070771	-	-	1100.09026514	0.67	19.84138616	Y-R (371.029 nm)	Linear	1.00000	Fitted	42.4383366429514	1631.64927599152	100.0000
Li 670.783	Li-R	n	5.00000000	5.00000000	mg/L	572678.15806975	-	-	2736.96017883	0.48	4.80931472	Y-R (371.029 nm)	Linear	1.00000	FACT	53.5763080571273	115109.694363644	5.000000
Mg 279.800	Mg-R	n	50.00000000	50.00000000	mg/L	137343.58818512	-	-	1251.10717392	0.91	3.53568227	Y-R (371.029 nm)	Linear	1.00000	Fitted	111.675602641401	2775.23376315608	50.00000
Mn 257.610	Mn	n	5.00000000	5.00000000	mg/L	2298391.52661587	-	-	18182.53071253	0.79	5.94072524	Y (371.029 nm)	Linear	0.99990	Fitted	523.246652406393	489952.927445074	5.000000
Mo 204.598	Mo	n	5.00000000	5.00000000	mg/L	56021.20540490	-	-	1215.42108841	2.17	3.89152228	Y (371.029 nm)	Linear	1.00000	Fitted	19.089588126705	11145.8777676476	5.000000
Na 589.592	Na-R	n	100.00000000	100.00000000	mg/L	1152418.80626780	-	-	6627.40391498	0.58	19.04232273	Y-R (371.029 nm)	Linear	1.00000	Fitted	2238.9107726026	11554.2002324052	100.0000
Ni 231.604	Ni	n	5.00000000	5.00000000	mg/L	131966.22694462	-	-	974.34084159	0.74	3.44177854	Y (371.029 nm)	Linear	0.99998	Off-Peak Left+Right	187.372425032713	27417.9784110399	5.000000
P 177.434	P	n			mg/L	-0.00169340	-	-	2.45347224	> 100.00		Y (371.029 nm)	Linear	1.00000	Fitted	5.26224648069594	225.832848686858	
Pb 220.353	Pb	n	5.00000000	5.00000000	mg/L	44414.41058556	-	-	264.78241104	0.60	25.09022586	Y (371.029 nm)	Linear	0.99996	Off-Peak Right	171.026977801425	8964.05158812345	5.000000
S 181.972	S	n			mg/L	175.40732589	-	-	4.85245419	2.77		Y (371.029 nm)	Linear	1.00000	Fitted	129.948723818944	1503.31039459955	
Sb 206.834	Sb	n	15.00015000	15.00015000	mg/L	60427.91957640	-	-	1465.90487145	2.43	6.03486237	Y (371.029 nm)	Linear	0.99998	Off-Peak Right	-34.5571991267422	4025.64125642531	15.00015
Se 196.026	Se	n	15.00000000	15.00000000	mg/L	62202.79797760	-	-	285.98130213	0.46	2.29875901	Y (371.029 nm)	Linear	0.99990	Fitted	32.7303760974339	4130.49472280005	15.00000
Si 251.611	Si	n			mg/L	1088.59401300	-	-	125.18914370	11.50		Y (371.029 nm)	Linear	1.00000	Fitted	98.3187416870542	8937.21737151692	
Sn 189.925	Sn	n	5.00000000	5.00000000	mg/L	62498.75424608	-	-	565.58645883	0.90	12.26165207	Y (371.029 nm)	Linear	0.99995	Fitted	39.5541885268555	12634.1568554032	5.000000
Sr 421.552	Sr-R	n	25.00000000	25.00000000	mg/L	12542440.08827630	-	-	123096.44657569	0.98	4.03830839	Y-R (371.029 nm)	Linear	0.99994	Fitted	208.594109201771	510823.627022499	25.00000
Ti 334.941	Ti	n	5.00000000	5.00000000	mg/L	1868196.95908510	-	-	20759.85787377	1.11	3.40632998	Y (371.029 nm)	Linear	0.99999	Fitted	220.002205964814	375590.339424497	5.000000
Tl 190.794	Tl	n	15.00015000	15.00015000	mg/L	58153.53363375	-	-	357.68794131	0.62	10.21151594	Y (371.029 nm)	Linear	0.99992	Fitted	1.31691436736463	3895.47190652993	15.00015
V 292.401	V	n	2.50000000	2.50000000	mg/L	101439.95117919	-	-	821.76431373	0.81	2.55424749	Y (371.029 nm)	Linear	1.00000	Off-Peak Left+Right	17.8006478267166	40639.5511768207	2.500000
Zn 206.200	Zn	n	15.00015000	15.00015000	mg/L	920063.02716639	-	-	8656.72104745	0.94	7.02046350	Y (371.029 nm)	Linear	0.99960	Fitted	97.9001412786361	65569.6812260482	15.00015
Y 371.029	Y		0.94	0.94	Ratio	627458.96	0.01	0.73	4602.07	0.73		-	-	-	Fitted	-	-	0.93
Y 371.029	Y-R		0.96	0.96	Ratio	150010.16	0.01	0.96	1435.52	0.96		-	-	-	Fitted	-	-	0.97

Instrument ID: MET09

Label:	ICAL,L6,S18663	Rack:Tube:	S1:7	Type:	STD
Date Time:	7/25/2023 9:32:33 AM	Weight:	-	Volume:	-
Dilution:	-	%RSE limit:	-	Calibration Coefficient [3]:	-
LIMS ID:		Customer:		Customer Ref.:	
Sample Date Time:		Sample Site:		Description:	
Replicates:	3	Flags Replicate 1:		Flags Replicate 2:	
Flags Replicate 3:					

Element	Element Label	Flags	Unadjusted Data	Concentration	Unit	Intensity	Concentration SD	Concentration %RSD	Intensity SD	Intensity %RSD	%RSE	Internal Standard	Calibration fit	Correlation coefficient	Background correction	Calibration Coefficient [1]	Calibration Coefficient [2]	Concentration Replicate 1
Ag 328.068	Ag	n			mg/L	491.88618425	-	-	36.67687303	7.46		Y (371.029 nm)	Linear	1.00000	Fitted	572.502077445868	87689.9995285448	
Al 396.152	Al	n	20.00000000	20.00000000	mg/L	813677.33356585	-	-	8746.87089615	1.07	15.39233378	Y (371.029 nm)	Linear	0.99998	Fitted	1205.56470480183	38922.9696497508	20.00000000
As 188.980	As	n	10.00000000	10.00000000	mg/L	53971.90650185	-	-	353.45253301	0.65	2.71184674	Y (371.029 nm)	Linear	0.99996	Fitted	37.5874680560493	5475.60572556616	10.00000000
B 249.678	B	n	10.00000000	10.00000000	mg/L	369371.07218684	-	-	2318.11751965	0.63	4.67623197	Y (371.029 nm)	Linear	1.00000	Fitted	355.723406422493	35943.960009001	10.00000000
Ba 230.424	Ba	n	10.00000000	10.00000000	mg/L	799221.17121899	-	-	9010.33986856	1.13	2.99500977	Y (371.029 nm)	Linear	0.99991	Fitted	320.944546456498	83076.8287015984	10.00000000
Be 313.107	Be	n	3.00000000	3.00000000	mg/L	8112803.44912298	-	-	82068.54624404	1.01	1.07961226	Y (371.029 nm)	Linear	1.00000	Fitted	314.299724647743	2744424.42090531	3.00000000
Ca 317.933	Ca-R	n	100.00000000	100.00000000	mg/L	1519240.70831938	-	-	10330.49928893	0.68	22.37721428	Y-R (371.029 nm)	Linear	0.99999	Fitted	1769.7142084379	15870.4140866595	100.0000000
Cd 214.439	Cd	n	5.00000000	5.00000000	mg/L	987798.24482347	-	-	16207.08436574	1.64	5.62394238	Y (371.029 nm)	Linear	0.99972	Fitted	-26.0550294873418	216311.862822474	5.00000000
Co 230.786	Co	n	5.00000000	5.00000000	mg/L	184391.77020157	-	-	1425.56800961	0.77	19.02338365	Y (371.029 nm)	Linear	0.99997	Fitted	43.7782215927577	39328.4199063949	5.00000000
Cr 267.716	Cr	n	10.00000000	10.00000000	mg/L	700565.49661763	-	-	8121.46255333	1.16	5.55970103	Y (371.029 nm)	Linear	0.99997	Off-Peak Left+Right	20.1266331741009	72499.7904484812	10.00000000
Cu 324.754	Cu	n	10.00000000	10.00000000	mg/L	466705.54537655	-	-	3651.65313932	0.78	21.24684838	Y (371.029 nm)	Linear	0.99992	Fitted	588.557197910467	43831.4262423811	10.00000000
Fe 259.940	Fe	n	20.00000000	20.00000000	mg/L	1280928.51078371	-	-	13498.74054952	1.05	10.61972193	Y (371.029 nm)	Linear	0.99994	Off-Peak Left+Right	36.5546132684872	67970.91086477	20.00000000
K 766.491	K-R	n	200.00000000	200.00000000	mg/L	327768.01031879	-	-	1152.80341843	0.35	19.84138616	Y-R (371.029 nm)	Linear	1.00000	Fitted	42.4383366429514	1631.64927599152	200.0000000
Li 670.783	Li-R	n	10.00000000	10.00000000	mg/L	1150288.84976973	-	-	5814.82223637	0.51	4.80931472	Y-R (371.029 nm)	Linear	1.00000	FACT	53.5763080571273	115109.694363644	10.00000000
Mg 279.800	Mg-R	n	100.00000000	100.00000000	mg/L	273026.96203126	-	-	1970.44104284	0.72	3.53568227	Y-R (371.029 nm)	Linear	1.00000	Fitted	111.675602641401	2775.23376315608	100.0000000
Mn 257.610	Mn	n	10.00000000	10.00000000	mg/L	4465688.58278165	-	-	39497.71372457	0.88	5.94072524	Y (371.029 nm)	Linear	0.99990	Fitted	523.246652406393	489952.927445074	10.00000000
Mo 204.598	Mo	n	10.00000000	10.00000000	mg/L	111660.17736185	-	-	2018.40337750	1.81	3.89152228	Y (371.029 nm)	Linear	1.00000	Fitted	19.089588126705	11145.8777676476	10.00000000
Na 589.592	Na-R	n	200.00000000	200.00000000	mg/L	2310238.53213414	-	-	9845.97269737	0.43	19.04232273	Y-R (371.029 nm)	Linear	1.00000	Fitted	2238.9107726026	11554.2002324052	200.0000000
Ni 231.604	Ni	n	10.00000000	10.00000000	mg/L	260591.40386033	-	-	1962.64867209	0.75	3.44177854	Y (371.029 nm)	Linear	0.99998	Off-Peak Left+Right	187.372425032713	27417.9784110399	10.00000000
P 177.434	P	n			mg/L	4.05955753	-	-	2.67799367	65.97		Y (371.029 nm)	Linear	1.00000	Fitted	5.26224648069594	225.832848686858	
Pb 220.353	Pb	n	10.00000000	10.00000000	mg/L	87123.93032912	-	-	631.43402183	0.72	25.09022586	Y (371.029 nm)	Linear	0.99996	Off-Peak Right	171.026977801425	8964.05158812345	10.00000000
S 181.972	S	n			mg/L	209.00932029	-	-	2.57661400	1.23		Y (371.029 nm)	Linear	1.00000	Fitted	129.948723818944	1503.31039459955	
Sb 206.834	Sb	n	30.00030000	30.00030000	mg/L	122294.58098713	-	-	1194.20265466	0.98	6.03486237	Y (371.029 nm)	Linear	0.99998	Off-Peak Right	-34.5571991267422	4025.64125642531	30.00030000
Se 196.026	Se	n	30.00000000	30.00000000	mg/L	120635.78419843	-	-	719.25656065	0.60	2.29875901	Y (371.029 nm)	Linear	0.99990	Fitted	32.7303760974339	4130.49472280005	30.00000000
Si 251.611	Si	n			mg/L	2079.62867477	-	-	228.78758220	11.00		Y (371.029 nm)	Linear	1.00000	Fitted	98.3187416870542	8937.21737151692	
Sn 189.925	Sn	n	10.00000000	10.00000000	mg/L	122410.53826077	-	-	1135.37037736	0.93	12.26165207	Y (371.029 nm)	Linear	0.99995	Fitted	39.5541885268555	12634.1568554032	10.00000000
Sr 421.552	Sr-R	n	50.00000000	50.00000000	mg/L	24515833.74379350	-	-	60989.43523567	0.25	4.03830839	Y-R (371.029 nm)	Linear	0.99994	Fitted	208.594109201771	510823.627022499	50.00000000
Ti 334.941	Ti	n	10.00000000	10.00000000	mg/L	3703277.52394201	-	-	71416.58212181	1.93	3.40632998	Y (371.029 nm)	Linear	0.99999	Fitted	220.002205964814	375590.339424497	10.00000000
Tl 190.794	Tl	n	30.00030000	30.00030000	mg/L	113239.61673687	-	-	1371.00116971	1.21	10.21151594	Y (371.029 nm)	Linear	0.99992	Fitted	1.31691436736463	3895.47190652993	30.00030000
V 292.401	V	n	5.00000000	5.00000000	mg/L	203553.53428223	-	-	1897.25944006	0.93	2.55424749	Y (371.029 nm)	Linear	1.00000	Off-Peak Left+Right	17.8006478267166	40639.5511768207	5.00000000
Zn 206.200	Zn	n	30.00030000	30.00030000	mg/L	1736210.16451799	-	-	31924.46078706	1.84	7.02046350	Y (371.029 nm)	Linear	0.99960	Fitted	97.9001412786361	65569.6812260482	30.00030000
Y 371.029	Y		0.93	0.93	Ratio	620223.78	0.01	0.92	5676.55	0.92		-	-	-	Fitted	-	-	0.92
Y 371.029	Y-R		0.94	0.94	Ratio	147169.49	0.00	0.21	313.42	0.21		-	-	-	Fitted	-	-	0.95

Instrument ID: MET09

Label: ICAL,L7,S18629 **Rack:Tube:** S1:8 **Type:** STD

Date Time: 7/25/2023 9:35:40 AM **Weight:** - **Volume:** -

Dilution: - **%RSE limit:** - **Calibration Coefficient [3]:** -

LIMS ID: **Customer:** **Customer Ref.:**

Sample Date Time: **Sample Site:** **Description:**

Replicates: 3 **Flags Replicate 1:** **Flags Replicate 2:**

Flags Replicate 3:

Element	Element Label	Flags	Unadjusted Data	Concentration	Unit	Intensity	Concentration SD	Concentration %RSD	Intensity SD	Intensity % RSD	%RSE	Internal Standard	Calibration fit	Correlation coefficient	Background correction	Calibration Coefficient [1]	Calibration Coefficient [2]	Concentration Replicate 1	Concen Replica
Ag 328.068	Ag	n	2.00000000	2.00000000	mg/L	175952.50113454	-	-	825.45827561	0.47		Y (371.029 nm)	Linear	1.00000	Fitted	572.502077445868	87689.9995285448	2.00000000	2.000
Al 396.152	Al	n			mg/L	1368.86921325	-	-	29.71137607	2.17	15.39233378	Y (371.029 nm)	Linear	0.99998	Fitted	1205.56470480183	38922.9696497508		
As 188.980	As	n			mg/L	41.96545337	-	-	10.25547002	24.44	2.71184674	Y (371.029 nm)	Linear	0.99996	Fitted	37.5874680560493	5475.60572556616		
B 249.678	B	n			mg/L	538.16791029	-	-	24.24316902	4.50	4.67623197	Y (371.029 nm)	Linear	1.00000	Fitted	355.723406422493	35943.960009001		
Ba 230.424	Ba	n			mg/L	361.76678598	-	-	30.49153350	8.43	2.99500977	Y (371.029 nm)	Linear	0.99991	Fitted	320.944546456498	83076.8287015984		
Be 313.107	Be	n			mg/L	498.15252779	-	-	63.08421251	12.66	1.07961226	Y (371.029 nm)	Linear	1.00000	Fitted	314.299724647743	2744424.42090531		
Ca 317.933	Ca-R	n			mg/L	1543.11097512	-	-	19.55869307	1.27	22.37721428	Y-R (371.029 nm)	Linear	0.99999	Fitted	1769.7142084379	15870.4140866595		
Cd 214.439	Cd	n			mg/L	-20.36647338	-	-	2.56638007	12.60	5.62394238	Y (371.029 nm)	Linear	0.99972	Fitted	-26.0550294873418	216311.862822474		
Co 230.786	Co	n			mg/L	39.90629304	-	-	5.25907266	13.18	19.02338365	Y (371.029 nm)	Linear	0.99997	Fitted	43.7782215927577	39328.4199063949		
Cr 267.716	Cr	n			mg/L	7.26462187	-	-	11.86251646	> 100.00	5.55970103	Y (371.029 nm)	Linear	0.99997	Off-Peak Left+Right	20.1266331741009	72499.7904484812		
Cu 324.754	Cu	n			mg/L	776.71200639	-	-	4.68431524	0.60	21.24684838	Y (371.029 nm)	Linear	0.99992	Fitted	588.557197910467	43831.4262423811		
Fe 259.940	Fe	n			mg/L	324.79980669	-	-	29.20623092	8.99	10.61972193	Y (371.029 nm)	Linear	0.99994	Off-Peak Left+Right	36.5546132684872	67970.91086477		
K 766.491	K-R	n			mg/L	147.14463461	-	-	54.46321313	37.01	19.84138616	Y-R (371.029 nm)	Linear	1.00000	Fitted	42.4383366429514	1631.64927599152		
Li 670.783	Li-R	n			mg/L	121.13915856	-	-	46.29712988	38.22	4.80931472	Y-R (371.029 nm)	Linear	1.00000	FACT	53.5763080571273	115109.694363644		
Mg 279.800	Mg-R	n			mg/L	122.65787405	-	-	6.29757615	5.13	3.53568227	Y-R (371.029 nm)	Linear	1.00000	Fitted	111.675602641401	2775.23376315608		
Mn 257.610	Mn	n			mg/L	532.57142111	-	-	36.04167955	6.77	5.94072524	Y (371.029 nm)	Linear	0.99990	Fitted	523.246652406393	489952.927445074		
Mo 204.598	Mo	n			mg/L	80.35974381	-	-	10.76752315	13.40	3.89152228	Y (371.029 nm)	Linear	1.00000	Fitted	19.089588126705	11145.8777676476		
Na 589.592	Na-R	n			mg/L	1720.51769046	-	-	278.38166344	16.18	19.04232273	Y-R (371.029 nm)	Linear	1.00000	Fitted	2238.9107726026	11554.2002324052		
Ni 231.604	Ni	n			mg/L	191.14352054	-	-	9.81216485	5.13	3.44177854	Y (371.029 nm)	Linear	0.99998	Off-Peak Left+Right	187.372425032713	27417.9784110399		
P 177.434	P	n			mg/L	3.83243575	-	-	3.04564269	79.47		Y (371.029 nm)	Linear	1.00000	Fitted	5.26224648069594	225.832848686858		
Pb 220.353	Pb	n			mg/L	146.26800253	-	-	4.10995471	2.81	25.09022586	Y (371.029 nm)	Linear	0.99996	Off-Peak Right	171.026977801425	8964.05158812345		
S 181.972	S	n			mg/L	126.83712009	-	-	4.05791721	3.20		Y (371.029 nm)	Linear	1.00000	Fitted	129.948723818944	1503.31039459955		
Sb 206.834	Sb	n			mg/L	89.00666466	-	-	7.17404227	8.06	6.03486237	Y (371.029 nm)	Linear	0.99998	Off-Peak Right	-34.5571991267422	4025.64125642531		
Se 196.026	Se	n			mg/L	47.34112738	-	-	6.77725460	14.32	2.29875901	Y (371.029 nm)	Linear	0.99990	Fitted	32.7303760974339	4130.49472280005		
Si 251.611	Si	n			mg/L	164.58778180	-	-	1.47744313	0.90		Y (371.029 nm)	Linear	1.00000	Fitted	98.3187416870542	8937.21737151692		
Sn 189.925	Sn	n			mg/L	42.46794709	-	-	1.76277089	4.15	12.26165207	Y (371.029 nm)	Linear	0.99995	Fitted	39.5541885268555	12634.1568554032		
Sr 421.552	Sr-R	n			mg/L	298.95783818	-	-	16.41650663	5.49	4.03830839	Y-R (371.029 nm)	Linear	0.99994	Fitted	208.594109201771	510823.627022499		
Ti 334.941	Ti	n			mg/L	1226.43660819	-	-	167.54518261	13.66	3.40632998	Y (371.029 nm)	Linear	0.99999	Fitted	220.002205964814	375590.339424497		
Tl 190.794	Tl	n			mg/L	13.89230922	-	-	5.35989306	38.58	10.21151594	Y (371.029 nm)	Linear	0.99992	Fitted	1.31691436736463	3895.47190652993		
V 292.401	V	n			mg/L	23.52595278	-	-	19.33568618	82.19	2.55424749	Y (371.029 nm)	Linear	1.00000	Off-Peak Left+Right	17.8006478267166	40639.5511768207		
Zn 206.200	Zn	n			mg/L	183.69532960	-	-	13.22763679	7.20	7.02046350	Y (371.029 nm)	Linear	0.99960	Fitted	97.9001412786361	65569.6812260482		
Y 371.029	Y		0.98	0.98	Ratio	654482.14	0.01	0.90	5869.36	0.90		-	-	-	Fitted	-	-	0.97	0.98
Y 371.029	Y-R		0.99	0.99	Ratio	154582.35	0.01	1.09	1684.04	1.09		-	-	-	Fitted	-	-	1.00	1.00

Instrument ID: MET09

Label:	ICAL,L8,S18547	Rack:Tube:	S1:9	Type:	STD
Date Time:	7/25/2023 9:38:47 AM	Weight:	-	Volume:	-
Dilution:	-	%RSE limit:	-	Calibration Coefficient [3]:	-
LIMSID:		Customer:		Customer Ref.:	
Sample Date Time:		Sample Site:		Description:	
Replicates:	3	Flags Replicate 1:		Flags Replicate 2:	
Flags Replicate 3:					

Element	Element Label	Flags	Unadjusted Data	Concentration	Unit	Intensity	Concentration SD	Concentration %RSD	Intensity SD	Intensity % RSD	%RSE	Internal Standard	Calibration fit	Correlation coefficient	Background correction	Calibration Coefficient [1]	Calibration Coefficient [2]	Concentration Replicate 1	Co Re
Ag 328.068	Ag	n			mg/L	581.97277525	-	-	30.46102398	5.23		Y (371.029 nm)	Linear	1.00000	Fitted	572.502077445868	87689.9995285448		
Al 396.152	Al	n			mg/L	1358.01977321	-	-	52.82997246	3.89	15.39233378	Y (371.029 nm)	Linear	0.99998	Fitted	1205.56470480183	38922.9696497508		
As 188.980	As	n			mg/L	31.22889938	-	-	5.04145607	16.14	2.71184674	Y (371.029 nm)	Linear	0.99996	Fitted	37.5874680560493	5475.60572556616		
B 249.678	B	n			mg/L	442.84898429	-	-	6.58519906	1.49	4.67623197	Y (371.029 nm)	Linear	1.00000	Fitted	355.723406422493	35943.960009001		
Ba 230.424	Ba	n			mg/L	343.38214570	-	-	27.75615666	8.08	2.99500977	Y (371.029 nm)	Linear	0.99991	Fitted	320.944546456498	83076.8287015984		
Be 313.107	Be	n			mg/L	382.62945083	-	-	17.72043839	4.63	1.07961226	Y (371.029 nm)	Linear	1.00000	Fitted	314.299724647743	2744424.42090531		
Ca 317.933	Ca-R	n			mg/L	1482.62861560	-	-	22.79225237	1.54	22.37721428	Y-R (371.029 nm)	Linear	0.99999	Fitted	1769.7142084379	15870.4140866595		
Cd 214.439	Cd	n			mg/L	-22.42201584	-	-	0.87246360	3.89	5.62394238	Y (371.029 nm)	Linear	0.99972	Fitted	-26.0550294873418	216311.862822474		
Co 230.786	Co	n			mg/L	27.14189023	-	-	7.77905407	28.66	19.02338365	Y (371.029 nm)	Linear	0.99997	Fitted	43.7782215927577	39328.4199063949		
Cr 267.716	Cr	n			mg/L	39.83212303	-	-	21.72681333	54.55	5.55970103	Y (371.029 nm)	Linear	0.99997	Off-Peak Left+Right	20.1266331741009	72499.7904484812		
Cu 324.754	Cu	n			mg/L	712.34415699	-	-	22.43112914	3.15	21.24684838	Y (371.029 nm)	Linear	0.99992	Fitted	588.557197910467	43831.4262423811		
Fe 259.940	Fe	n			mg/L	5881.42656956	-	-	69.70769619	1.19	10.61972193	Y (371.029 nm)	Linear	0.99994	Off-Peak Left+Right	36.5546132684872	67970.91086477		
K 766.491	K-R	n			mg/L	162.55312448	-	-	61.34571024	37.74	19.84138616	Y-R (371.029 nm)	Linear	1.00000	Fitted	42.4383366429514	1631.64927599152		
Li 670.783	Li-R	n			mg/L	101.50631129	-	-	44.94183855	44.27	4.80931472	Y-R (371.029 nm)	Linear	1.00000	FACT	53.5763080571273	115109.694363644		
Mg 279.800	Mg-R	n			mg/L	103.51422005	-	-	7.24695093	7.00	3.53568227	Y-R (371.029 nm)	Linear	1.00000	Fitted	111.675602641401	2775.23376315608		
Mn 257.610	Mn	n			mg/L	598.73892393	-	-	1.03072509	0.17	5.94072524	Y (371.029 nm)	Linear	0.99990	Fitted	523.246652406393	489952.927445074		
Mo 204.598	Mo	n			mg/L	36.28082597	-	-	5.71211848	15.74	3.89152228	Y (371.029 nm)	Linear	1.00000	Fitted	19.089588126705	11145.8777676476		
Na 589.592	Na-R	n			mg/L	1551.04979919	-	-	161.72676294	10.43	19.04232273	Y-R (371.029 nm)	Linear	1.00000	Fitted	2238.9107726026	11554.2002324052		
Ni 231.604	Ni	n			mg/L	191.88422490	-	-	8.37453759	4.36	3.44177854	Y (371.029 nm)	Linear	0.99998	Off-Peak Left+Right	187.372425032713	27417.9784110399		
P 177.434	P	n	10.00000000	10.00000000	mg/L	2263.59073335	-	-	15.78806188	0.70		Y (371.029 nm)	Linear	1.00000	Fitted	5.26224648069594	225.832848686858	10.00000000	10
Pb 220.353	Pb	n			mg/L	158.22597377	-	-	13.85917414	8.76	25.09022586	Y (371.029 nm)	Linear	0.99996	Off-Peak Right	171.026977801425	8964.05158812345		
S 181.972	S	n	10.00000000	10.00000000	mg/L	15163.05266981	-	-	79.75998526	0.53		Y (371.029 nm)	Linear	1.00000	Fitted	129.948723818944	1503.31039459955	10.00000000	10
Sb 206.834	Sb	n			mg/L	38.70678498	-	-	7.21474177	18.64	6.03486237	Y (371.029 nm)	Linear	0.99998	Off-Peak Right	-34.5571991267422	4025.64125642531		
Se 196.026	Se	n			mg/L	28.04720148	-	-	0.39564381	1.41	2.29875901	Y (371.029 nm)	Linear	0.99990	Fitted	32.7303760974339	4130.49472280005		
Si 251.611	Si	n	10.00000000	10.00000000	mg/L	89470.49245686	-	-	1249.30330499	1.40		Y (371.029 nm)	Linear	1.00000	Fitted	98.3187416870542	8937.21737151692	10.00000000	10
Sn 189.925	Sn	n			mg/L	42.42856111	-	-	5.65099415	13.32	12.26165207	Y (371.029 nm)	Linear	0.99995	Fitted	39.5541885268555	12634.1568554032		
Sr 421.552	Sr-R	n			mg/L	129.31077991	-	-	15.43859090	11.94	4.03830839	Y-R (371.029 nm)	Linear	0.99994	Fitted	208.594109201771	510823.627022499		
Ti 334.941	Ti	n			mg/L	1591.30280594	-	-	435.63685828	27.38	3.40632998	Y (371.029 nm)	Linear	0.99999	Fitted	220.002205964814	375590.339424497		
Tl 190.794	Tl	n			mg/L	11.77845092	-	-	7.78606726	66.10	10.21151594	Y (371.029 nm)	Linear	0.99992	Fitted	1.31691436736463	3895.47190652993		
V 292.401	V	n			mg/L	11.42592125	-	-	14.31145287	> 100.00	2.55424749	Y (371.029 nm)	Linear	1.00000	Off-Peak Left+Right	17.8006478267166	40639.5511768207		
Zn 206.200	Zn	n			mg/L	176.58305529	-	-	3.93327108	2.23	7.02046350	Y (371.029 nm)	Linear	0.99960	Fitted	97.9001412786361	65569.6812260482		
Y 371.029	Y		1.00	1.00	Ratio	664192.39	0.01	1.25	8309.26	1.25		-	-	-	Fitted	-	-	0.98	1.(
Y 371.029	Y-R		1.02	1.02	Ratio	159173.85	0.02	1.91	3036.56	1.91		-	-	-	Fitted	-	-	1.02	1.(

Instrument ID: MET09

Label:	ICV,S18628	**Rack:Tube:**	S1:12	**Type:**	QC
Date Time:	7/25/2023 9:41:55 AM	**Weight:**	-	**Volume:**	-
Dilution:	-	**%RSE limit:**	-	**Calibration Coefficient [3]:**	-
LIMS ID:		**Customer:**		**Customer Ref.:**	
Sample Date Time:		**Sample Site:**		**Description:**	
Replicates:	3	**Flags Replicate 1:**		**Flags Replicate 2:**	
Flags Replicate 3:					

Element	Element Label	Flags	Unadjusted Data	Concentration	Unit	Intensity	Concentration SD	Concentration %RSD	Intensity SD	Intensity %RSD	%RSE	Internal Standard	Calibration fit	Correlation coefficient	Background correction	Calibration Coefficient [1]	Calibration Coefficient [2]	Concentration Replicate 1
Ag 328.068	Ag	n	0.47556135	0.47556135	mg/L	42257.40171755	0.00003328	0.00699869	2.91859098	0.01		Y (371.029 nm)	Linear	1.00000	Fitted	572.502077445868	87689.9995285448	0.47556444
Al 396.152	Al	n	1.03279487	1.03279487	mg/L	41415.75964771	0.00715405	0.69268814	278.45677762	0.67	15.39233378	Y (371.029 nm)	Linear	0.99998	Fitted	1205.5647048183	38922.9696497508	1.02455357
As 188.980	As	n	0.99174126	0.99174126	mg/L	5467.89461505	0.00241516	0.24352762	13.22448496	0.24	2.71184674	Y (371.029 nm)	Linear	0.99996	Fitted	37.5874680560493	5475.60572556616	0.98895344
B 249.678	B	n	1.02223634	1.02223634	mg/L	37096.10032528	0.00167081	0.16344607	60.05535389	0.16	4.67623197	Y (371.029 nm)	Linear	1.00000	Fitted	355.723406422493	35943.960009001	1.02171097
Ba 230.424	Ba	n	0.97971801	0.97971801	mg/L	81923.71981623	0.00540618	0.55180939	449.12795557	0.55	2.99500977	Y (371.029 nm)	Linear	0.99991	Fitted	320.944546456498	83076.8287015984	0.97582727
Be 313.107	Be	n	0.98690323	0.98690323	mg/L	2708794.16838575	0.00911868	0.92396902	25025.52830332	0.92	1.07961226	Y (371.029 nm)	Linear	1.00000	Fitted	314.299724647743	2744424.42090531	0.97672109
Ca 317.933	Ca-R	n	49.76192487	49.76192487	mg/L	791441.79017188	1.00128233	2.01214550	15890.76522292	2.01	22.37721428	Y-R (371.029 nm)	Linear	0.99999	Fitted	1769.7142084379	15870.4140866595	50.29306199
Cd 214.439	Cd	n	0.95626820	0.95626820	mg/L	206824.69893392	0.00504997	0.52809115	1092.36792510	0.53	5.62394238	Y (371.029 nm)	Linear	0.99972	Fitted	-26.0550294873418	216311.862822474	0.95309186
Co 230.786	Co	n	0.94845666	0.94845666	mg/L	37347.69795991	0.00209405	0.22078551	82.35587081	0.22	19.02338365	Y (371.029 nm)	Linear	0.99997	Fitted	43.7782215927577	39328.4199063949	0.94660255
Cr 267.716	Cr	n	0.95367953	0.95367953	mg/L	69158.05103040	0.00528747	0.55442853	383.34057193	0.55	5.55970103	Y (371.029 nm)	Linear	0.99997	Off-Peak Left+Right	20.1266331741009	72499.7904484812	0.94793621
Cu 324.754	Cu	n	0.99174079	0.99174079	mg/L	44068.86788146	0.00161641	0.16298698	70.84948312	0.16	21.24684838	Y (371.029 nm)	Linear	0.99992	Fitted	588.557197910467	43831.4262423811	0.98987457
Fe 259.940	Fe	n	0.97292128	0.97292128	mg/L	66143.62742466	0.00559854	0.57543653	380.53816489	0.58	10.61972193	Y (371.029 nm)	Linear	0.99994	Off-Peak Left+Right	36.5546132684872	67970.91086477	0.96659220
K 766.491	K-R	n	59.66298738	59.66298738	mg/L	97386.28334225	0.52342875	0.87730898	854.05213477	0.88	19.84138616	Y-R (371.029 nm)	Linear	1.00000	Fitted	42.4383366429514	1631.64927599152	59.79029259
Li 670.783	Li-R	n	0.99340279	0.99340279	mg/L	114430.94606243	0.01078784	1.08594807	1241.78477728	1.09	4.80931472	Y-R (371.029 nm)	Linear	1.00000	FACT	53.5763080571273	115109.694363644	0.99757915
Mg 279.800	Mg-R	n	51.92969625	51.92969625	mg/L	144225.09276990	1.24098535	2.38974121	3444.02444835	2.39	3.53568227	Y-R (371.029 nm)	Linear	1.00000	Fitted	111.675602641401	2775.23376315608	52.53945840
Mn 257.610	Mn	n	0.93558166	0.93558166	mg/L	458890.92102472	0.00398679	0.42612993	1953.34111963	0.43	5.94072524	Y (371.029 nm)	Linear	0.99990	Fitted	523.246652406393	489952.927445074	0.93104559
Mo 204.598	Mo	n	0.97550783	0.97550783	mg/L	10893.32852967	0.01087455	1.11475808	121.20643083	1.11	3.89152228	Y (371.029 nm)	Linear	1.00000	Fitted	19.089588126705	11145.8777676476	0.96415247
Na 589.592	Na-R	n	50.33684756	50.33684756	mg/L	583694.67681756	0.56691091	1.12623443	6550.20216374	1.12	19.04232273	Y-R (371.029 nm)	Linear	1.00000	Fitted	2238.9107726026	11554.2002324052	50.51113021
Ni 231.604	Ni	n	0.94496081	0.94496081	mg/L	26081.59704388	0.00284757	0.30134242	78.07455205	0.30	3.44177854	Y (371.029 nm)	Linear	0.99998	Off-Peak Left+Right	187.372425032713	27417.9784110399	0.94167466
P 177.434	P	n	5.43067819	5.43067819	mg/L	1231.70347033	0.02719519	0.50076968	6.14156718	0.50		Y (371.029 nm)	Linear	1.00000	Fitted	5.26224648069594	225.832848686858	5.40287437
Pb 220.353	Pb	n	0.98964970	0.98964970	mg/L	9039.87729294	0.00337539	0.34106930	30.25718216	0.33	25.09022586	Y (371.029 nm)	Linear	0.99996	Off-Peak Right	171.026977801425	8964.05158812345	0.98602690
S 181.972	S	n	5.44211586	5.44211586	mg/L	8313.49636116	0.01340681	0.24635295	20.15460118	0.24		Y (371.029 nm)	Linear	1.00000	Fitted	129.948723818944	1503.31039459955	5.45620579
Sb 206.834	Sb	n	1.00489141	1.00489141	mg/L	4013.66390446	0.01184228	1.17846385	47.67277940	1.19	6.03486237	Y (371.029 nm)	Linear	0.99998	Off-Peak Right	-34.5571991267422	4025.64125642531	0.99137038
Se 196.026	Se	n	0.98492955	0.98492955	mg/L	4100.40456570	0.00642786	0.65262148	26.55024917	0.65	2.29875901	Y (371.029 nm)	Linear	0.99990	Fitted	32.7303760974339	4130.49472280005	0.97871435
Si 251.611	Si	n	5.49104346	5.49104346	mg/L	49168.94890388	0.16944962	3.08592750	1514.40809086	3.08		Y (371.029 nm)	Linear	1.00000	Fitted	98.3187416870542	8937.21737151692	5.31522635
Sn 189.925	Sn	n	4.89325259	4.89325259	mg/L	61861.32180247	0.04448514	0.90911188	562.03224305	0.91	12.26165207	Y (371.029 nm)	Linear	0.99995	Fitted	39.5541885268555	12634.1568554032	4.84835458
Sr 421.552	Sr-R	n	1.00083511	1.00083511	mg/L	511772.82534148	0.01327166	1.32605821	6779.47555627	1.32	4.03830839	Y-R (371.029 nm)	Linear	0.99994	Fitted	208.594109201771	510823.627022499	1.00578517
Ti 334.941	Ti	n	1.00407492	1.00407492	mg/L	377312.70114693	0.00453617	0.45177611	1703.74187051	0.45	3.40632998	Y (371.029 nm)	Linear	0.99999	Fitted	220.002205964814	375590.339424497	1.00009664
Tl 190.794	Tl	n	0.97094655	0.97094655	mg/L	3784.51088759	0.00963777	0.99261586	37.54366019	0.99	10.21151594	Y (371.029 nm)	Linear	0.99992	Fitted	1.31691436736463	3895.47190652993	0.96003499
V 292.401	V	n	0.99658219	0.99658219	mg/L	40518.38748211	0.00444148	0.44567082	180.49958985	0.45	2.55424749	Y (371.029 nm)	Linear	1.00000	Off-Peak Left+Right	17.8006478267166	40639.5511768207	0.99148629
Zn 206.200	Zn	n	0.95045233	0.95045233	mg/L	62221.93398957	0.00622070	0.65449913	407.88946231	0.66	7.02046350	Y (371.029 nm)	Linear	0.99960	Fitted	97.9001412786361	65569.6812260482	0.94532826
Y 371.029	Y		0.95	0.95	Ratio	631937.71	0.01	0.90	5709.09	0.90		-	-	-	Fitted	-	-	0.94
Y 371.029	Y-R		0.96	0.96	Ratio	150222.42	0.00	0.45	682.29	0.45		-	-	-	Fitted	-	-	0.97

ENTHALPY INSTRUMENT BLANK FOR 489010 METALS Wipe

EPA 6010B

Inst:	MET09			IDF:	1.0
Seqnum:	673297193012	File:	icp data	Time:	25-JUL-2023 09:48
Cal:	673297193002	Caldate:	25-JUL-2023		

Analyte	Ch	Quant	IQL	LOD	Units	Flags
Lead	A	ND	0.003333	---	mg/L	

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	Abund	%Drift
Yttrium	A	666361	648855	-2.63
Yttrium	R	155962	157889	1.24

Instrument ID: MET09

Label: ICB | Rack:Tube: S1:1 | Type: QC

Date Time: 7/25/2023 9:48:10 AM | Weight: - | Volume: -

Dilution: - | %RSE limit: - | Calibration Coefficient [3]: -

LIMS ID: | Customer: | Customer Ref.:

Sample Date Time: | Sample Site: | Description:

Replicates: 3

Element	Element Label	Flags	Unadjusted Data	Concentration	Unit	Intensity	Concentration SD	Concentration % RSD	Intensity SD	Intensity % RSD	%RSE	Internal Standard	Calibration fit	Correlation coefficient	Background correction	Calibration Coefficient [1]	Calibration Coefficient [2]	Concentration Replicate 1
Ag 328.068	Ag	nu	-0.00011702	-0.00011702	mg/L	562.25479783	0.00032126	274.54339171	28.17105657	5.01		Y (371.029 nm)	Linear	1.00000	Fitted	572.502077445868	87689.9995285448	-0.00012598
Al 396.152	Al	nu	-0.00055516	-0.00055516	mg/L	1183.93717546	0.00056973	102.62398693	22.17553747	1.87	15.39233378	Y (371.029 nm)	Linear	0.99998	Fitted	1205.56470480183	38922.9696497508	-0.00013561
As 188.980	As	nu	-0.00009880	-0.00009880	mg/L	37.04371913	0.00174704	1768.24603614	9.56609661	25.82	2.71184674	Y (371.029 nm)	Linear	0.99996	Fitted	37.5874680560493	5475.60572556616	0.00039422
B 249.678	B	nu	0.00000376	0.00000376	mg/L	355.85705403	0.00020241	5379.45840781	7.27550423	2.04	4.67623197	Y (371.029 nm)	Linear	1.00000	Fitted	355.723406422493	35943.960009001	0.00010102
Ba 230.424	Ba	n	0.00021386	0.00021386	mg/L	338.50400863	0.00009588	44.82996672	7.96503352	2.35	2.99500977	Y (371.029 nm)	Linear	0.99991	Fitted	320.944546456498	83076.8287015984	0.00032444
Be 313.107	Be	n	0.00001953	0.00001953	mg/L	367.90871464	0.00000831	42.54073248	22.80583905	6.20	1.07961226	Y (371.029 nm)	Linear	1.00000	Fitted	314.299724647743	2744424.42090531	0.00001966
Ca 317.933	Ca-R	nu	-0.02663093	-0.02663093	mg/L	1347.07437775	0.00119762	4.49711202	19.00676720	1.41	22.37721428	Y-R (371.029 nm)	Linear	0.99999	Fitted	1769.7142084379	15870.4140866595	-0.02616253
Cd 214.439	Cd	nu	-0.00000090	-0.00000090	mg/L	-26.25868855	0.00001487	1654.17741852	3.21649412	12.25	5.62394238	Y (371.029 nm)	Linear	0.99972	Fitted	-26.0550294873418	216311.862822474	-0.00000008
Co 230.786	Co	nu	-0.00018406	-0.00018406	mg/L	36.53789074	0.00031363	170.39423583	12.33439393	33.76	19.02338365	Y (371.029 nm)	Linear	0.99997	Fitted	43.7782215927577	39328.4199063949	-0.00025552
Cr 267.716	Cr	nu	-0.00030550	-0.00030550	mg/L	-2.02314732	0.00011799	38.62249655	8.55433693	> 100.00	5.55970103	Y (371.029 nm)	Linear	0.99997	Off-Peak Left+Right	20.1266331741009	72499.7904484812	-0.00025186
Cu 324.754	Cu	nZ	0.00341589	0.00341589	mg/L	738.27619179	0.00032215	9.43087291	14.12021538	1.91	21.24684838	Y (371.029 nm)	Linear	0.99992	Fitted	588.557197910467	43831.4262423811	0.00369438
Fe 259.940	Fe	nu	-0.00045760	-0.00045760	mg/L	5.46906074	0.00017989	39.31154422	12.22728215	> 100.00	10.61972193	Y (371.029 nm)	Linear	0.99994	Off-Peak Left+Right	36.5546132684872	67970.91086477	-0.00059321
K 766.491	K-R	nu	-0.00487810	-0.00487810	mg/L	34.48393058	0.00519166	106.42793330	8.47096329	24.57	19.84138616	Y-R (371.029 nm)	Linear	1.00000	Fitted	42.4383366429514	1631.64927599152	-0.00295039
Li 670.783	Li-R	nu	0.00029993	0.00029993	mg/L	88.09172912	0.00099892	333.05076440	114.98559287	> 100.00	4.80931472	Y-R (371.029 nm)	Linear	1.00000	FACT	53.5763080571273	115109.694363644	0.00105789
Mg 279.800	Mg-R	nu	-0.00203952	-0.00203952	mg/L	106.01807043	0.00449149	220.22275823	12.46494614	11.76	3.53568227	Y-R (371.029 nm)	Linear	1.00000	Fitted	111.675602641401	2775.23376315608	0.00214169
Mn 257.610	Mn	nu	-0.00021189	-0.00021189	mg/L	419.46492824	0.00003564	16.82201134	17.46430158	4.16	5.94072524	Y (371.029 nm)	Linear	0.99990	Fitted	523.246652406393	489952.927445074	-0.00024594
Mo 204.598	Mo	nu	0.00021123	0.00021123	mg/L	21.44020787	0.00054267	256.91439120	6.04854459	28.21	3.89152228	Y (371.029 nm)	Linear	1.00000	Fitted	19.089588126705	11145.8777676476	0.00068082
Na 589.592	Na-R	nu	-0.06962135	-0.06962135	mg/L	1434.57303560	0.01489599	21.39572596	172.11129434	12.00	19.04232273	Y-R (371.029 nm)	Linear	1.00000	Fitted	2238.9107726026	11554.2002324052	-0.05260941
Ni 231.604	Ni	nu	0.00011611	0.00011611	mg/L	190.55989063	0.00045212	389.40364807	12.39626427	6.51	3.44177854	Y (371.029 nm)	Linear	0.99998	Off-Peak Left+Right	187.372425032713	27417.9784110399	-0.00010770
P 177.434	P	nu	-0.00676029	-0.00676029	mg/L	3.73550149	0.01101536	162.94224011	2.48763013	66.59		Y (371.029 nm)	Linear	1.00000	Fitted	5.26224648069594	225.832848686858	-0.00835138
Pb 220.353	Pb	nu	-0.00275396	-0.00275396	mg/L	146.37273004	0.00110535	40.13683143	9.90844915	6.77	25.09022586	Y (371.029 nm)	Linear	0.99996	Off-Peak Right	171.026977801425	8964.05158812345	-0.00166639
S 181.972	S	nu	-0.00767819	-0.00767819	mg/L	118.40392901	0.00485911	63.28455378	7.30475143	6.17		Y (371.029 nm)	Linear	1.00000	Fitted	129.948723818944	1503.31039459955	-0.00240935
Sb 206.834	Sb	nZ	0.01067052	0.01067052	mg/L	8.39721874	0.00068419	6.41198120	2.75431086	32.80	6.03486237	Y (371.029 nm)	Linear	0.99998	Off-Peak Right	-34.5571991267422	4025.64125642531	0.01118471
Se 196.026	Se	nu	-0.00256423	-0.00256423	mg/L	22.13969122	0.00072582	28.30581445	2.99801552	13.54	2.29875901	Y (371.029 nm)	Linear	0.99990	Fitted	32.7303760974339	4130.49472280005	-0.00287601
Si 251.611	Si	n	0.00130601	0.00130601	mg/L	109.99384669	0.00076111	58.27776769	6.80224723	6.18		Y (371.029 nm)	Linear	1.00000	Fitted	98.3187416870542	8937.21737151692	0.00131795
Sn 189.925	Sn	nu	-0.00026504	-0.00026504	mg/L	36.20623778	0.00004732	17.85547778	0.59789600	1.65	12.26165207	Y (371.029 nm)	Linear	0.99995	Fitted	39.5541885268555	12634.1568554032	-0.00021194
Sr 421.552	Sr-R	nu	-0.00030478	-0.00030478	mg/L	52.61557475	0.00002555	8.38326470	13.05164785	24.81	4.03830839	Y-R (371.029 nm)	Linear	0.99994	Fitted	208.594109201771	510823.627022499	-0.00027686
Ti 334.941	Ti	n	0.00029850	0.00029850	mg/L	332.13076116	0.00017138	57.41355197	64.36836449	19.38	3.40632998	Y (371.029 nm)	Linear	0.99999	Fitted	220.002205964814	375590.339424497	0.00012883
Tl 190.794	Tl	n	0.00315890	0.00315890	mg/L	13.62164509	0.00104519	33.08734523	4.07152718	29.89	10.21151594	Y (371.029 nm)	Linear	0.99992	Fitted	1.31691436736463	3895.47190652993	0.00398731
V 292.401	V	n	0.00018620	0.00018620	mg/L	25.37248270	0.00012727	68.35192598	5.17221373	20.39	2.55424749	Y (371.029 nm)	Linear	1.00000	Off-Peak Left+Right	17.8006478267166	40639.5511768207	0.00004288
Zn 206.200	Zn	nu	0.00014672	0.00014672	mg/L	107.65629878	0.00017518	119.39681885	11.48651071	10.67	7.02046350	Y (371.029 nm)	Linear	0.99960	Fitted	97.9001412786361	65569.6812260482	0.00031631
Y 371.029	Y		0.97	0.97	Ratio	648855.09	0.01	1.26	8184.70	1.26		-	-	-	Fitted	-	-	0.96
Y 371.029	Y-R		1.01	1.01	Ratio	157889.30	0.01	1.07	1690.33	1.07		-	-	-	Fitted	-	-	1.01

ENTHALPY INTERFERENCE CHECK STANDARD A FOR 489010 METALS Wipe

EPA 6010B

Inst:	MET09			IDF:	1.0
Seqnum:	673297193014	File:	icp data	Time:	25-JUL-2023 09:54
Cal:	673297193002	Caldate:	25-JUL-2023		

Standards: S18677

Analyte	Ch	Quant	IQL	Units	Flags
Lead	A	0.01273	0.003333	mg/L	a+ ***

Interferent	Ch	Spiked	Quant	Units	%Rec	Flags
Aluminum	A	400.0	386.8	mg/L	97	
Aluminum as Al2O3	A	755.8	730.9	mg/L	97	
Iron	A	160.0	141.6	mg/L	88	
Iron as Fe2O3	A	228.8	202.4	mg/L	88	
Calcium	R	400.0	377.6	mg/L	94	
Calcium as CaCO3	R	998.9	942.9	mg/L	94	
Magnesium	R	400.0	397.6	mg/L	99	
Magnesium as MgCO3	R	1388	1379	mg/L	99	

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	Abund	%Drift
Yttrium	A	666361	591566	-11.22
Yttrium	R	155962	141986	-8.96

+=high bias a=ICSA

Instrument ID: MET09

Label: ICSA,S18677 | Rack:Tube: S1:14 | Type: QC
Date Time: 7/25/2023 9:54:25 AM | Weight: - | Volume: -
Dilution: - | %RSE limit: - | Calibration Coefficient [3]: -
LIMS ID: | Customer: | Customer Ref.:
Sample Date Time: | Sample Site: | Description:
Replicates: 3

Element	Element Label	Flags	Unadjusted Data	Concentration	Unit	Intensity	Concentration SD	Concentration % RSD	Intensity SD	Intensity % RSD	%RSE	Internal Standard	Calibration fit	Correlation coefficient	Background correction	Calibration Coefficient [1]	Calibration Coefficient [2]	Concentration Replicates
Ag 328.068	Ag	n	0.00284813	0.00284813	mg/L	618.83512719	0.00072354	25.40423041	63.44760594	10.25		Y (371.029 nm)	Linear	1.00000	Fitted	572.502077445868	87689.9995285448	0.002
Al 396.152	Al	no	386.83147079	386.83147079	mg/L	15057889.32357860	4.02841564	1.04138777	156797.89982969	1.04	15.39233378	Y (371.029 nm)	Linear	0.99998	Fitted	1205.56470480183	38922.9696497508	382.4
As 188.980	As	nKu	-0.00521197	-0.00521197	mg/L	58.58173401	0.00059603	11.43570857	3.26360070	5.57	2.71184674	Y (371.029 nm)	Linear	0.99996	Fitted	37.5874680560493	5475.60572556616	-0.00
B 249.678	B	nKu	-0.00536499	-0.00536499	mg/L	192.19285986	0.00060722	11.31826185	21.82602071	11.36	4.67623197	Y (371.029 nm)	Linear	1.00000	Fitted	355.723406422493	35943.960009001	-0.00
Ba 230.424	Ba	nKu	-0.01821564	-0.01821564	mg/L	868.62814798	0.00022426	1.23116454	18.63118026	2.14	2.99500977	Y (371.029 nm)	Linear	0.99991	Fitted	320.944546456498	83076.8287015984	-0.01
Be 313.107	Be	n	0.00003431	0.00003431	mg/L	372.32190076	0.00000117	3.42221366	3.22276783	0.87	1.07961226	Y (371.029 nm)	Linear	1.00000	Fitted	314.299724647743	2744424.42090531	0.000
Ca 317.933	Ca-R	no	377.55655258	377.55655258	mg/L	5993394.05305443	1.45410603	0.38513595	23077.26478122	0.39	22.37721428	Y-R (371.029 nm)	Linear	0.99999	Fitted	1769.7142084379	15870.4140866595	378.7
Cd 214.439	Cd	nu	-0.00003491	-0.00003491	mg/L	361.52210284	0.00003884	111.27998499	8.40213385	2.32	5.62394238	Y (371.029 nm)	Linear	0.99972	Fitted	-26.0550294873418	216311.862822474	-0.00
Co 230.786	Co	nKu	-0.00235678	-0.00235678	mg/L	-3.14836003	0.00028369	12.03710333	11.15702070	> 100.00	19.02338365	Y (371.029 nm)	Linear	0.99997	Fitted	43.7782215927577	39328.4199063949	-0.00
Cr 267.716	Cr	n	0.00092105	0.00092105	mg/L	104.65488733	0.00006042	6.55935704	4.38009470	4.19	5.55970103	Y (371.029 nm)	Linear	0.99997	Off-Peak Left+Right	20.1266331741009	72499.7904484812	0.000
Cu 324.754	Cu	n	0.00257462	0.00257462	mg/L	716.27913674	0.00035367	13.73673090	15.50181992	2.16	21.24684838	Y (371.029 nm)	Linear	0.99992	Fitted	588.557197910467	43831.4262423811	0.002
Fe 259.940	Fe	no	141.58911736	141.58911736	mg/L	9624237.87428407	0.90581769	0.63975093	61569.25368794	0.64	10.61972193	Y (371.029 nm)	Linear	0.99994	Off-Peak Left+Right	36.5546132684872	67970.91086477	140.6
K 766.491	K-R	n	0.12824989	0.12824989	mg/L	106.65182840	0.02397669	18.69529301	39.12155395	36.68	19.84138616	Y-R (371.029 nm)	Linear	1.00000	Fitted	42.4383366429514	1631.64927599152	0.130
Li 670.783	Li-R	nu	-0.00008064	-0.00008064	mg/L	265.09073788	0.00023620	292.91361647	27.18883577	10.26	4.80931472	Y-R (371.029 nm)	Linear	1.00000	FACT	53.5763080571273	115109.694363644	-0.00
Mg 279.800	Mg-R	no	397.60153812	397.60153812	mg/L	1103568.19916440	1.95948769	0.49282699	5438.03640124	0.49	3.53568227	Y-R (371.029 nm)	Linear	1.00000	Fitted	111.675602641401	2775.23376315608	399.5
Mn 257.610	Mn	n	0.00213276	0.00213276	mg/L	1123.02315999	0.00003348	1.57002284	16.40601128	1.46	5.94072524	Y (371.029 nm)	Linear	0.99990	Fitted	523.246652406393	489952.927445074	0.002
Mo 204.598	Mo	nu	-0.00037900	-0.00037900	mg/L	108.51742358	0.00166825	440.16854893	18.59409876	17.13	3.89152228	Y (371.029 nm)	Linear	1.00000	Fitted	19.089588126705	11145.8777676476	-0.00
Na 589.592	Na-R	n	0.19519970	0.19519970	mg/L	2859.15513291	0.02670061	13.67861341	308.50422376	10.79	19.04232273	Y-R (371.029 nm)	Linear	1.00000	Fitted	2238.9107726026	11554.2002324052	0.223
Ni 231.604	Ni	nK	0.00538355	0.00538355	mg/L	169.86816514	0.00025416	4.72097312	6.96844597	4.10	3.44177854	Y (371.029 nm)	Linear	0.99998	Off-Peak Left+Right	187.372425032713	27417.9784110399	0.005
P 177.434	P	nu	-0.01172794	-0.01172794	mg/L	3.90781166	0.00987628	84.21154086	2.23038787	57.08		Y (371.029 nm)	Linear	1.00000	Fitted	5.26224648069594	225.832848686858	-0.00
Pb 220.353	Pb	nK	0.01273244	0.01273244	mg/L	-563.69445929	0.00142944	11.22678774	12.81360809	2.27	25.09022586	Y (371.029 nm)	Linear	0.99996	Off-Peak Right	171.026977801425	8964.05158812345	0.014
S 181.972	S	n	0.11743094	0.11743094	mg/L	324.27175445	0.00370928	3.15869220	5.57620203	1.72		Y (371.029 nm)	Linear	1.00000	Fitted	129.948723818944	1503.31039459955	0.121
Sb 206.834	Sb	n	0.00286034	0.00286034	mg/L	3.94966460	0.00213671	74.70122368	8.60162283	> 100.00	6.03486237	Y (371.029 nm)	Linear	0.99998	Off-Peak Right	-34.5571991267422	4025.64125642531	0.002
Se 196.026	Se	nK	0.01626260	0.01626260	mg/L	60.88613763	0.00333715	20.52041183	13.78409218	22.64	2.29875901	Y (371.029 nm)	Linear	0.99990	Fitted	32.7303760974339	4130.49472280005	0.019
Si 251.611	Si	n	0.01136958	0.01136958	mg/L	116.11946985	0.00116628	10.25787138	10.42326747	8.98		Y (371.029 nm)	Linear	1.00000	Fitted	98.3187416870542	8937.21737151692	0.011
Sn 189.925	Sn	n	0.00074358	0.00074358	mg/L	43.63754075	0.00029181	39.24406848	3.68680620	8.45	12.26165207	Y (371.029 nm)	Linear	0.99995	Fitted	39.5541885268555	12634.1568554032	0.000
Sr 421.552	Sr-R	nu	-0.00267183	-0.00267183	mg/L	1371.21326171	0.00002833	1.06015188	14.46930613	1.06	4.03830839	Y-R (371.029 nm)	Linear	0.99994	Fitted	208.594109201771	510823.627022499	-0.00
Ti 334.941	Ti	n	0.00089759	0.00089759	mg/L	342.86608280	0.00009825	10.94567999	36.90058929	10.76	3.40632998	Y (371.029 nm)	Linear	0.99999	Fitted	220.002205964814	375590.339424497	0.000
Tl 190.794	Tl	n	0.00075271	0.00075271	mg/L	20.35434009	0.00062597	83.16210467	2.43845223	11.98	10.21151594	Y (371.029 nm)	Linear	0.99992	Fitted	1.31691436736463	3895.47190652993	0.001
V 292.401	V	nKu	-0.00264091	-0.00264091	mg/L	-225.47220342	0.00014611	5.53245727	5.93772711	2.63	2.55424749	Y (371.029 nm)	Linear	1.00000	Off-Peak Left+Right	17.8006478267166	40639.5511768207	-0.00
Zn 206.200	Zn	nK	0.04575054	0.04575054	mg/L	256.64464396	0.00013268	0.28999780	8.69949316	3.39	7.02046350	Y (371.029 nm)	Linear	0.99960	Fitted	97.9001412786361	65569.6812260482	0.045
Y 371.029	Y		0.89	0.89	Ratio	591565.62	0.01	0.72	4282.75	0.72		-	-	-	Fitted	-	-	0.88
Y 371.029	Y-R		0.91	0.91	Ratio	141986.10	0.00	0.26	372.37	0.26		-	-	-	Fitted	-	-	0.91

ENTHALPY INTERFERENCE CHECK STANDARD AB FOR 489010 METALS Wipe

EPA 6010B

Inst:	MET09			IDF:	1.0
Seqnum:	673297193015	File:	icp data	Time:	25-JUL-2023 09:57
Cal:	673297193002	Caldate:	25-JUL-2023		

Standards: S18548

Analyte	Ch	Spiked	Quant	Units	%D	Max %D	Flags
Lead	A	1.000	1.041	mg/L	4	20	

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	Abund	%Drift
Yttrium	A	666361	591399	-11.25
Yttrium	R	155962	141888	-9.02

Instrument ID: MET09

Label: ICSAB,S18548 | Rack:Tube: S1:15 | Type: QC

Date Time: 7/25/2023 9:57:33 AM | Weight: - | Volume: -

Dilution: - | %RSE limit: - | Calibration Coefficient [3]: -

LIMS ID: | Customer: | Customer Ref.:

Sample Date Time: | Sample Site: | Description:

Replicates: 3

Element	Element Label	Flags	Unadjusted Data	Concentration	Unit	Intensity	Concentration SD	Concentration % RSD	Intensity SD	Intensity %RSD	%RSE	Internal Standard	Calibration fit	Correlation coefficient	Background correction	Calibration Coefficient [1]	Calibration Coefficient [2]	Concentra Replicate
Ag 328.068	Ag	n	1.06873210	1.06873210	mg/L	94080.17252273	0.00556687	0.52088543	488.15881456	0.52		Y (371.029 nm)	Linear	1.00000	Fitted	572.502077445868	87689.9995285448	1.06251
Al 396.152	Al	no	395.01555952	395.01555952	mg/L	15376440.19969940	2.78850669	0.70592325	108536.96123407	0.71	15.39233378	Y (371.029 nm)	Linear	0.99998	Fitted	1205.56470480183	38922.9696497508	391.868
As 188.980	As	nu	-0.00600357	-0.00600357	mg/L	55.89071043	0.00155811	25.95309320	8.53161384	15.26	2.71184674	Y (371.029 nm)	Linear	0.99996	Fitted	37.5874680560493	5475.60572556616	-0.0044
B 249.678	B	nu	-0.00556560	-0.00556560	mg/L	186.16374070	0.00056489	10.14966573	20.30437792	10.91	4.67623197	Y (371.029 nm)	Linear	1.00000	Fitted	355.723406422493	35943.960009001	-0.0050
Ba 230.424	Ba	n	0.49701415	0.49701415	mg/L	43737.65491824	0.00395582	0.79591771	328.63728296	0.75	2.99500977	Y (371.029 nm)	Linear	0.99991	Fitted	320.944546456498	83076.8287015984	0.49251
Be 313.107	Be	n	0.52242878	0.52242878	mg/L	1434043.42022315	0.00450186	0.86171728	12355.01203501	0.86	1.07961226	Y (371.029 nm)	Linear	1.00000	Fitted	314.299724647743	2744424.42090531	0.51827
Ca 317.933	Ca-R	no	390.80654809	390.80654809	mg/L	6203663.91329134	1.21241484	0.31023401	19241.52552434	0.31	22.37721428	Y-R (371.029 nm)	Linear	0.99999	Fitted	1769.7142084379	15870.4140866595	389.568
Cd 214.439	Cd	n	0.97498762	0.97498762	mg/L	211282.11758186	0.00569271	0.58387483	1231.40012311	0.58	5.62394238	Y (371.029 nm)	Linear	0.99972	Fitted	-26.0550294873418	216311.862822474	0.97066
Co 230.786	Co	n	0.47867700	0.47867700	mg/L	18916.49380304	0.00302228	0.63138152	118.86142116	0.63	19.02338365	Y (371.029 nm)	Linear	0.99997	Fitted	43.7782215927577	39328.4199063949	0.47520
Cr 267.716	Cr	n	0.50075869	0.50075869	mg/L	36343.39534045	0.00394314	0.78743315	285.87681677	0.79	5.55970103	Y (371.029 nm)	Linear	0.99997	Off-Peak Left+Right	20.1266331741009	72499.7904484812	0.49684
Cu 324.754	Cu	n	0.56375210	0.56375210	mg/L	25314.24533921	0.00496624	0.88092678	217.67752523	0.86	21.24684838	Y (371.029 nm)	Linear	0.99992	Fitted	588.557197910467	43831.4262423811	0.55801
Fe 259.940	Fe	no	144.82172448	144.82172448	mg/L	9843969.94972014	0.93673856	0.64682186	63670.97349269	0.65	10.61972193	Y (371.029 nm)	Linear	0.99994	Off-Peak Left+Right	36.5546132684872	67970.91086477	143.937
K 766.491	K-R	n	0.12888944	0.12888944	mg/L	103.17614940	0.02046827	15.88048466	33.39703482	32.37	19.84138616	Y-R (371.029 nm)	Linear	1.00000	Fitted	42.4383366429514	1631.64927599152	0.15119
Li 670.783	Li-R	nu	0.00055465	0.00055465	mg/L	344.90471534	0.00068081	122.74639241	78.36781036	22.72	4.80931472	Y-R (371.029 nm)	Linear	1.00000	FACT	53.5763080571273	115109.694363644	-0.0000
Mg 279.800	Mg-R	no	409.99331045	409.99331045	mg/L	1137958.70782316	2.42237047	0.59083171	6722.64430576	0.59	3.53568227	Y-R (371.029 nm)	Linear	1.00000	Fitted	111.675602641401	2775.23376315608	407.393
Mn 257.610	Mn	n	0.49134195	0.49134195	mg/L	240798.06719163	0.00326468	0.66444150	1599.53944232	0.66	5.94072524	Y (371.029 nm)	Linear	0.99990	Fitted	523.246652406393	489952.927445074	0.48788
Mo 204.598	Mo	nu	-0.00195598	-0.00195598	mg/L	93.98453660	0.00034549	17.66345778	3.85082707	4.10	3.89152228	Y (371.029 nm)	Linear	1.00000	Fitted	19.089588126705	11145.8777676476	-0.0023
Na 589.592	Na-R	n	0.34040847	0.34040847	mg/L	4487.91802398	0.02536684	7.45188123	293.09349350	6.53	19.04232273	Y-R (371.029 nm)	Linear	1.00000	Fitted	2238.9107726026	11554.2002324052	0.36784
Ni 231.604	Ni	n	0.96967669	0.96967669	mg/L	26603.81246364	0.00509286	0.52521243	139.63599234	0.52	3.44177854	Y (371.029 nm)	Linear	0.99998	Off-Peak Left+Right	187.372425032713	27417.9784110399	0.96383
P 177.434	P	nu	-0.01134169	-0.01134169	mg/L	4.03647242	0.00632575	55.77437559	1.42856308	35.39		Y (371.029 nm)	Linear	1.00000	Fitted	5.26224648069594	225.832848686858	-0.0172
Pb 220.353	Pb	n	1.04096615	1.04096615	mg/L	8625.27205327	0.00422234	0.40561781	37.84931056	0.44	25.09022586	Y (371.029 nm)	Linear	0.99996	Off-Peak Right	171.026977801425	8964.05158812345	1.03609
S 181.972	S	n	0.12101061	0.12101061	mg/L	330.22648818	0.00214978	1.77652491	3.23179218	0.98		Y (371.029 nm)	Linear	1.00000	Fitted	129.948723818944	1503.31039459955	0.11921
Sb 206.834	Sb	n	0.00799709	0.00799709	mg/L	25.30766664	0.00307863	38.49684771	12.39345635	48.97	6.03486237	Y (371.029 nm)	Linear	0.99998	Off-Peak Right	-34.5571991267422	4025.64125642531	0.01155
Se 196.026	Se	n	0.01832610	0.01832610	mg/L	68.25271167	0.00087712	4.78617285	3.62293523	5.31	2.29875901	Y (371.029 nm)	Linear	0.99990	Fitted	32.7303760974339	4130.49472280005	0.01774
Si 251.611	Si	n	0.01052245	0.01052245	mg/L	106.10184696	0.00170372	16.19132354	15.22655417	14.35		Y (371.029 nm)	Linear	1.00000	Fitted	98.3187416870542	8937.21737151692	0.00856
Sn 189.925	Sn	n	0.00098137	0.00098137	mg/L	46.45362513	0.00030683	31.26512721	3.87649266	8.34	12.26165207	Y (371.029 nm)	Linear	0.99995	Fitted	39.5541885268555	12634.1568554032	0.00132
Sr 421.552	Sr-R	nu	-0.00257860	-0.00257860	mg/L	1497.58518506	0.00003499	1.35689768	17.87316085	1.19	4.03830839	Y-R (371.029 nm)	Linear	0.99994	Fitted	208.594109201771	510823.627022499	-0.0025
Ti 334.941	Ti	n	0.00097674	0.00097674	mg/L	366.31479828	0.00016600	16.99529120	62.34804106	17.02	3.40632998	Y (371.029 nm)	Linear	0.99999	Fitted	220.002205964814	375590.339424497	0.00090
Tl 190.794	Tl	nu	-0.00286365	-0.00286365	mg/L	6.77735993	0.00125179	43.71292659	4.87629474	71.95	10.21151594	Y (371.029 nm)	Linear	0.99992	Fitted	1.31691436736463	3895.47190652993	-0.0035
V 292.401	V	n	0.52988021	0.52988021	mg/L	21412.04167336	0.00479613	0.90513433	194.91247858	0.91	2.55424749	Y (371.029 nm)	Linear	1.00000	Off-Peak Left+Right	17.8006478267166	40639.5511768207	0.52457
Zn 206.200	Zn	n	1.01048232	1.01048232	mg/L	63425.90703786	0.00320856	0.31752772	210.38435264	0.33	7.02046350	Y (371.029 nm)	Linear	0.99960	Fitted	97.9001412786361	65569.6812260482	1.00756
Y 371.029	Y		0.89	0.89	Ratio	591398.70	0.01	1.40	8278.65	1.40		-	-	-	Fitted	-	-	0.87
Y 371.029	Y-R		0.91	0.91	Ratio	141888.42	0.01	0.62	880.26	0.62		-	-	-	Fitted	-	-	0.92

ENTHALPY CONTINUING CALIBRATION FOR 489010 METALS Wipe

EPA 6010B

Inst:	MET09			IDF:	1.0
Seqnum:	673297193205	File:	icp data	Time:	25-JUL-2023 20:00
Cal:	673297193001	Caldate:	25-JUL-2023		

Standards: S18628

Analyte	Ch	Avg RF/CF	RF/CF	Spiked	Quant	Units	%D	Max %D	Flags
Lead	A	19847	9323.3	1.000	1.021	mg/L	2	10	

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	Abund	%Drift
Yttrium	A	666361	644361	-3.30
Yttrium	R	155962	167690	7.52

Instrument ID: MET09

Label:	CCV,S18628	Rack:Tube:	S1:12	Type:	QC
Date Time:	7/25/2023 8:00:26 PM	Weight:	-	Volume:	-
Dilution:	-	%RSE limit:	-	Calibration Coefficient [3]:	-
LIMS ID:		Customer:		Customer Ref.:	
Sample Date Time:		Sample Site:		Description:	
Replicates:	3	Flags Replicate 1:		Flags Replicate 2:	
Flags Replicate 3:					

Element	Element Label	Flags	Unadjusted Data	Concentration	Unit	Intensity	Concentration SD	Concentration %RSD	Intensity SD	Intensity %RSD	%RSE	Internal Standard	Calibration fit	Correlation coefficient	Background correction	Calibration Coefficient [1]	Calibration Coefficient [2]	Concentration Replicate 1
Ag 328.068	Ag	n	0.48752393	0.48752393	mg/L	43307.12031271	0.00221424	0.45418037	194.16652858	0.45		Y (371.029 nm)	Linear	1.00000	Fitted	572.502077445868	87689.9995285448	0.48795040
Al 396.152	Al	n	1.04314866	1.04314866	mg/L	41818.47812449	0.00600671	0.57582479	233.79893303	0.56	15.39233378	Y (371.029 nm)	Linear	0.99998	Fitted	1205.5647048183	38922.9696497508	1.03876954
As 188.980	As	n	1.03293977	1.03293977	mg/L	5693.50035573	0.00408191	0.39517384	22.35091743	0.39	2.71184674	Y (371.029 nm)	Linear	0.99996	Fitted	37.5874680560493	5475.60572556616	1.03149953
B 249.678	B	n	1.04255345	1.04255345	mg/L	37826.51508335	0.00530692	0.50903115	190.75178602	0.50	4.67623197	Y (371.029 nm)	Linear	1.00000	Fitted	355.723406422493	35943.960009001	1.03937936
Ba 230.424	Ba	n	0.97340469	0.97340469	mg/L	81390.71322562	0.00351097	0.36069002	291.68055498	0.36	2.99500977	Y (371.029 nm)	Linear	0.99991	Fitted	320.944546456498	83076.8287015984	0.96978835
Be 313.107	Be	n	1.01981719	1.01981719	mg/L	2799124.13223762	0.00635774	0.62341941	17448.33215786	0.62	1.07961226	Y (371.029 nm)	Linear	1.00000	Fitted	314.299724647743	2744424.42090531	1.01552105
Ca 317.933	Ca-R	n	47.73064302	47.73064302	mg/L	759208.41547287	0.57862717	1.21227607	9183.05271634	1.21	22.37721428	Y-R (371.029 nm)	Linear	0.99999	Fitted	1769.7142084379	15870.4140866595	48.27443476
Cd 214.439	Cd	n	0.97982243	0.97982243	mg/L	211919.86769337	0.00296976	0.30309201	642.39507285	0.30	5.62394238	Y (371.029 nm)	Linear	0.99972	Fitted	-26.0550294873418	216311.862822474	0.97666366
Co 230.786	Co	n	0.95606469	0.95606469	mg/L	37646.78740910	0.00547648	0.57281462	215.38123801	0.57	19.02338365	Y (371.029 nm)	Linear	0.99997	Fitted	43.7782215927577	39328.4199063949	0.95212342
Cr 267.716	Cr	n	0.96205218	0.96205218	mg/L	69765.26161145	0.00548277	0.56990408	397.50001112	0.57	5.55970103	Y (371.029 nm)	Linear	0.99997	Off-Peak Left+Right	20.1266331741009	72499.7904484812	0.95707684
Cu 324.754	Cu	n	1.01925005	1.01925005	mg/L	45274.11162527	0.00503171	0.49366818	220.54716496	0.49	21.24684838	Y (371.029 nm)	Linear	0.99992	Fitted	588.557197910467	43831.4262423811	1.01944638
Fe 259.940	Fe	n	0.98910708	0.98910708	mg/L	67244.52449349	0.00503769	0.50931719	342.41653777	0.51	10.61972193	Y (371.029 nm)	Linear	0.99994	Off-Peak Left+Right	36.5546132684872	67970.91086477	0.98465312
K 766.491	K-R	n	57.18979400	57.18979400	mg/L	93351.15215448	0.34474085	0.60280135	562.49615450	0.60	19.84138616	Y-R (371.029 nm)	Linear	1.00000	Fitted	42.4383366429514	1631.64927599152	57.54315406
Li 670.783	Li-R	n	0.97415011	0.97415011	mg/L	112213.44927765	0.00647637	0.66482294	745.49335805	0.66	4.80931472	Y-R (371.029 nm)	Linear	1.00000	FACT	53.5763080571273	115109.694363644	0.98053114
Mg 279.800	Mg-R	n	49.29919675	49.29919675	mg/L	136924.99221382	0.52135755	1.05753761	1446.88906853	1.06	3.53568227	Y-R (371.029 nm)	Linear	1.00000	Fitted	111.675602641401	2775.23376315608	49.76281878
Mn 257.610	Mn	n	0.93585440	0.93585440	mg/L	459025.40447266	0.00459503	0.49099811	2251.34714244	0.49	5.94072524	Y (371.029 nm)	Linear	0.99990	Fitted	523.246652406393	489952.927445074	0.93193080
Mo 204.598	Mo	n	1.01000394	1.01000394	mg/L	11277.75681702	0.00835942	0.82766163	93.17301873	0.83	3.89152228	Y (371.029 nm)	Linear	1.00000	Fitted	19.089588126705	11145.8777676476	1.00158552
Na 589.592	Na-R	n	48.51110051	48.51110051	mg/L	562606.41781341	0.44173240	0.91058005	5103.86463795	0.91	19.04232273	Y-R (371.029 nm)	Linear	1.00000	Fitted	2238.9107726026	11554.2002324052	48.98133394
Ni 231.604	Ni	n	0.95640846	0.95640846	mg/L	26396.22479033	0.00481758	0.50371530	132.08818868	0.50	3.44177854	Y (371.029 nm)	Linear	0.99998	Off-Peak Left+Right	187.372425032713	27417.9784110399	0.95491173
P 177.434	P	nQ	8.34986197	8.34986197	mg/L	1890.95041603	0.02446287	0.29297329	5.52451852	0.29		Y (371.029 nm)	Linear	1.00000	Fitted	5.26224648069594	225.832848686858	8.33215666
Pb 220.353	Pb	n	1.02124939	1.02124939	mg/L	9323.25246354	0.00460616	0.45103202	41.28987144	0.44	25.09022586	Y (371.029 nm)	Linear	0.99996	Off-Peak Right	171.026977801425	8964.05158812345	1.02282953
S 181.972	S	nQ	6.03098636	6.03098636	mg/L	9198.65413465	0.02931749	0.48611431	44.07328428	0.48		Y (371.029 nm)	Linear	1.00000	Fitted	129.948723818944	1503.31039459955	6.03951462
Sb 206.834	Sb	n	1.03011749	1.03011749	mg/L	4115.08865038	0.00790707	0.76758897	31.83102027	0.77	6.03486237	Y (371.029 nm)	Linear	0.99998	Off-Peak Right	-34.5571991267422	4025.64125642531	1.02237800
Se 196.026	Se	n	1.02622859	1.02622859	mg/L	4271.01785043	0.00457154	0.44546947	18.88270157	0.44	2.29875901	Y (371.029 nm)	Linear	0.99990	Fitted	32.7303760974339	4130.49472280005	1.02401590
Si 251.611	Si	nQ	5.72197399	5.72197399	mg/L	51233.00654225	0.18804939	3.28644256	1680.63825994	3.28		Y (371.029 nm)	Linear	1.00000	Fitted	98.3187416870542	8937.21737151692	5.52056799
Sn 189.925	Sn	n	5.02914042	5.02914042	mg/L	63578.16304406	0.02740563	0.54493662	346.24699809	0.54	12.26165207	Y (371.029 nm)	Linear	0.99995	Fitted	39.5541885268555	12634.1568554032	5.01181132
Sr 421.552	Sr-R	n	0.96788291	0.96788291	mg/L	494927.47955283	0.01516534	1.56685711	7746.81514485	1.57	4.03830839	Y-R (371.029 nm)	Linear	0.99994	Fitted	208.594109201771	510823.627022499	0.98378788
Ti 334.941	Ti	n	1.03053722	1.03053722	mg/L	387252.95463948	0.00606363	0.58839497	2277.44053612	0.59	3.40632998	Y (371.029 nm)	Linear	0.99999	Fitted	220.002205964814	375590.339424497	1.02921251
Tl 190.794	Tl	n	0.99511243	0.99511243	mg/L	3878.60482929	0.00747780	0.75145319	29.12957564	0.75	10.21151594	Y (371.029 nm)	Linear	0.99992	Fitted	1.31691436736463	3895.47190652993	0.98723423
V 292.401	V	n	1.02004776	1.02004776	mg/L	41471.97252353	0.00443566	0.43484797	180.26310714	0.43	2.55424749	Y (371.029 nm)	Linear	1.00000	Off-Peak Left+Right	17.8006478267166	40639.5511768207	1.01691760
Zn 206.200	Zn	n	0.97924287	0.97924287	mg/L	64118.87660313	0.00507249	0.51800137	332.60164579	0.52	7.02046350	Y (371.029 nm)	Linear	0.99960	Fitted	97.9001412786361	65569.6812260482	0.97444116
Y 371.029	Y		0.97	0.97	Ratio	644361.00	0.01	0.87	5577.85	0.87		-	-	-	Fitted	-	-	0.96
Y 371.029	Y-R		1.08	1.08	Ratio	167690.41	0.00	0.13	221.06	0.13		-	-	-	Fitted	-	-	1.07

ENTHALPY INSTRUMENT BLANK FOR 489010 METALS Wipe

EPA 6010B

Inst:	MET09			IDF:	1.0
Seqnum:	673297193206	File:	icp data	Time:	25-JUL-2023 20:03
Cal:	673297193001	Caldate:	25-JUL-2023		

Analyte	Ch	Quant	IQL	LOD	Units	Flags
Lead	A	ND	0.003333	---	mg/L	

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	Abund	%Drift
Yttrium	A	666361	660003	-0.95
Yttrium	R	155962	173584	11.30

Instrument ID: MET09

Label: CCB | Rack:Tube: S1:1 | Type: QC

Date Time: 7/25/2023 8:03:33 PM | Weight: - | Volume: -

Dilution: - | %RSE limit: - | Calibration Coefficient [3]: -

LIMSID: | Customer: | Customer Ref.:

Sample Date Time: | Sample Site: | Description:

Replicates: 3

Element	Element Label	Flags	Unadjusted Data	Concentration	Unit	Intensity	Concentration SD	Concentration % RSD	Intensity SD	Intensity %RSD	%RSE	Internal Standard	Calibration fit	Correlation coefficient	Background correction	Calibration Coefficient [1]	Calibration Coefficient [2]	Concentration Replicate 1	Co Re
Ag 328.068	Ag	nu	-0.00010844	-0.00010844	mg/L	563.00625657	0.00023317	215.02849516	20.44708156	3.63		Y (371.029 nm)	Linear	1.00000	Fitted	572.502077445868	87689.9995285448	-0.00001818	0.0
Al 396.152	Al	n	0.00193975	0.00193975	mg/L	1281.04554880	0.00141566	72.98162713	55.10187351	4.30	15.39233378	Y (371.029 nm)	Linear	0.99998	Fitted	1205.56470480183	38922.9696497508	0.00344667	0.0
As 188.980	As	nu	-0.00250215	-0.00250215	mg/L	23.88398913	0.00033524	13.39825326	1.83566653	7.69	2.71184674	Y (371.029 nm)	Linear	0.99996	Fitted	37.5874680560493	5475.60572556616	-0.00286466	-0.
B 249.678	B	nu	-0.00287713	-0.00287713	mg/L	252.30602399	0.00037391	12.99609746	13.43998418	5.33	4.67623197	Y (371.029 nm)	Linear	1.00000	Fitted	355.723406422493	35943.960009001	-0.00293187	-0.
Ba 230.424	Ba	nu	-0.00017327	-0.00017327	mg/L	306.33319826	0.00013810	79.70159032	11.47291181	3.75	2.99500977	Y (371.029 nm)	Linear	0.99991	Fitted	320.944546456498	83076.8287015984	-0.00001547	-0.
Be 313.107	Be	n	0.00002502	0.00002502	mg/L	382.96354732	0.00000772	30.86976487	21.19660204	5.53	1.07961226	Y (371.029 nm)	Linear	1.00000	Fitted	314.299724647743	2744424.42090531	0.00001960	0.0
Ca 317.933	Ca-R	nu	-0.01631919	-0.01631919	mg/L	1510.73398732	0.00058429	3.58040958	9.27298772	0.61	22.37721428	Y-R (371.029 nm)	Linear	0.99999	Fitted	1769.7142084379	15870.4140866595	-0.01699297	-0.
Cd 214.439	Cd	n	0.00002303	0.00002303	mg/L	-21.07879351	0.00000850	36.91312761	1.83867231	8.72	5.62394238	Y (371.029 nm)	Linear	0.99972	Fitted	-26.0550294873418	216311.862822474	0.00001342	0.0
Co 230.786	Co	nu	-0.00081153	-0.00081153	mg/L	11.86061162	0.00016996	20.94343147	6.68436963	56.36	19.02338365	Y (371.029 nm)	Linear	0.99997	Fitted	43.7782215927577	39328.4199063949	-0.00081233	-0.
Cr 267.716	Cr	nu	-0.00043516	-0.00043516	mg/L	-11.42334648	0.00008303	19.08101539	6.01987518	52.70	5.55970103	Y (371.029 nm)	Linear	0.99997	Off-Peak Left+Right	20.1266331741009	72499.7904484812	-0.00052308	-0.
Cu 324.754	Cu	nZ	0.00444422	0.00444422	mg/L	783.34773929	0.00084216	18.94962668	36.91319567	4.71	21.24684838	Y (371.029 nm)	Linear	0.99992	Fitted	588.557197910467	43831.4262423811	0.00541654	0.0
Fe 259.940	Fe	n	0.00234740	0.00234740	mg/L	196.12977338	0.00073325	31.23654666	49.83944036	25.41	10.61972193	Y (371.029 nm)	Linear	0.99994	Off-Peak Left+Right	36.5546132684872	67970.91086477	0.00319161	0.0
K 766.491	K-R	n	0.03642966	0.03642966	mg/L	101.88317747	0.01008653	27.68767653	16.45767404	16.15	19.84138616	Y-R (371.029 nm)	Linear	1.00000	Fitted	42.4383366429514	1631.64927599152	0.02764920	0.0
Li 670.783	Li-R	nZ	0.00425290	0.00425290	mg/L	543.11681924	0.00017587	4.13536347	20.24468603	3.73	4.80931472	Y-R (371.029 nm)	Linear	1.00000	FACT	53.5763080571273	115109.694363644	0.00420431	0.0
Mg 279.800	Mg-R	nu	-0.00518791	-0.00518791	mg/L	97.28141781	0.00245722	47.36424477	6.81934669	7.01	3.53568227	Y-R (371.029 nm)	Linear	1.00000	Fitted	111.675602641401	2775.23376315608	-0.00585988	-0.
Mn 257.610	Mn	nu	-0.00024127	-0.00024127	mg/L	405.07091478	0.00004902	20.31513792	24.01510797	5.93	5.94072524	Y (371.029 nm)	Linear	0.99990	Fitted	523.246652406393	489952.927445074	-0.00018479	-0.
Mo 204.598	Mo	nu	0.00065290	0.00065290	mg/L	26.36323961	0.00073122	111.99512406	8.15005199	30.91	3.89152228	Y (371.029 nm)	Linear	1.00000	Fitted	19.089588126705	11145.8777676476	-0.00019141	0.0
Na 589.592	Na-R	nu	-0.11537652	-0.11537652	mg/L	905.90551577	0.00634654	5.50072375	73.32923524	8.09	19.04232273	Y-R (371.029 nm)	Linear	1.00000	Fitted	2238.9107726026	11554.2002324052	-0.11320692	-0.
Ni 231.604	Ni	nu	-0.00025768	-0.00025768	mg/L	180.31128464	0.00026824	104.09957584	7.35463076	4.08	3.44177854	Y (371.029 nm)	Linear	0.99998	Off-Peak Left+Right	187.372425032713	27417.9784110399	-0.00009109	-0.
P 177.434	P	nu	-0.00477831	-0.00477831	mg/L	4.18310142	0.00414356	86.71596085	0.93575096	22.37		Y (371.029 nm)	Linear	1.00000	Fitted	5.26224648069594	225.832848686858	-0.00180795	-0.
Pb 220.353	Pb	nu	-0.00317157	-0.00317157	mg/L	142.62821655	0.00175938	55.47334480	15.77113821	11.06	25.09022586	Y (371.029 nm)	Linear	0.99996	Off-Peak Right	171.026977801425	8964.05158812345	-0.00499291	-0.
S 181.972	S	nu	-0.00471561	-0.00471561	mg/L	122.85746611	0.00272687	57.82645000	4.09933125	3.34		Y (371.029 nm)	Linear	1.00000	Fitted	129.948723818944	1503.31039459955	-0.00305596	-0.
Sb 206.834	Sb	nu	0.00014680	0.00014680	mg/L	-33.96719602	0.00179633	1223.69921500	7.23138161	21.29	6.03486237	Y (371.029 nm)	Linear	0.99998	Off-Peak Right	-34.5571991267422	4025.64125642531	0.00214940	-0.
Se 196.026	Se	nu	-0.00106321	-0.00106321	mg/L	28.33927991	0.00135837	127.76190125	5.61075126	19.80	2.29875901	Y (371.029 nm)	Linear	0.99990	Fitted	32.7303760974339	4130.49472280005	0.00001884	-0.
Si 251.611	Si	n	0.00638334	0.00638334	mg/L	155.37042210	0.00121102	18.97155618	10.82314227	6.97		Y (371.029 nm)	Linear	1.00000	Fitted	98.3187416870542	8937.21737151692	0.00773361	0.0
Sn 189.925	Sn	nu	-0.00009738	-0.00009738	mg/L	38.32454841	0.00059825	614.36840575	7.55842266	19.72	12.26165207	Y (371.029 nm)	Linear	0.99995	Fitted	39.5541885268555	12634.1568554032	-0.00004220	0.0
Sr 421.552	Sr-R	nu	-0.00023967	-0.00023967	mg/L	85.86293861	0.00003281	13.69015327	16.76046901	19.52	4.03830839	Y-R (371.029 nm)	Linear	0.99994	Fitted	208.594109201771	510823.627022499	-0.00024916	-0.
Ti 334.941	Ti	n	0.00086421	0.00086421	mg/L	544.60679664	0.00046558	53.87282673	174.86555581	32.11	3.40632998	Y (371.029 nm)	Linear	0.99999	Fitted	220.002205964814	375590.339424497	0.00034637	0.0
Tl 190.794	Tl	n	0.00263871	0.00263871	mg/L	11.59526514	0.00143149	54.24976552	5.57633422	48.09	10.21151594	Y (371.029 nm)	Linear	0.99992	Fitted	1.31691436736463	3895.47190652993	0.00199218	0.0
V 292.401	V	nu	0.00001001	0.00001001	mg/L	18.21054921	0.00020699	2067.88321147	8.41189605	46.19	2.55424749	Y (371.029 nm)	Linear	1.00000	Off-Peak Left+Right	17.8006478267166	40639.5511768207	0.00024651	-0.
Zn 206.200	Zn	n	0.00103634	0.00103634	mg/L	165.98452684	0.00012834	12.38387217	8.41511364	5.07	7.02046350	Y (371.029 nm)	Linear	0.99960	Fitted	97.9001412786361	65569.6812260482	0.00118213	0.0
Y 371.029	Y		0.99	0.99	Ratio	660003.38	0.01	0.85	5587.98	0.85		-	-	-	Fitted	-	-	0.98	0.9
Y 371.029	Y-R		1.11	1.11	Ratio	173584.26	0.01	0.74	1290.07	0.74		-	-	-	Fitted	-	-	1.12	1.1

ENTHALPY CONTINUING CALIBRATION FOR 489010 METALS Wipe

EPA 6010B

Inst:	MET09			IDF:	1.0
Seqnum:	673297193217	File:	icp data	Time:	25-JUL-2023 20:37
Cal:	673297193001	Caldate:	25-JUL-2023		

Standards: S18628

Analyte	Ch	Avg RF/CF	RF/CF	Spiked	Quant	Units	%D	Max %D	Flags
Lead	A	19847	9301.4	1.000	1.019	mg/L	2	10	

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	Abund	%Drift
Yttrium	A	666361	645739	-3.09
Yttrium	R	155962	166048	6.47

Instrument ID: MET09

Label:	CCV,S18628	Rack:Tube:	S1:12	Type:	QC
Date Time:	7/25/2023 8:37:59 PM	Weight:	-	Volume:	-
Dilution:	-	%RSE limit:	-	Calibration Coefficient [3]:	-
LIMS ID:		Customer:		Customer Ref.:	
Sample Date Time:		Sample Site:		Description:	
Replicates:	3	Flags Replicate 1:		Flags Replicate 2:	
Flags Replicate 3:					

Element	Element Label	Flags	Unadjusted Data	Concentration	Unit	Intensity	Concentration SD	Concentration %RSD	Intensity SD	Intensity %RSD	%RSE	Internal Standard	Calibration fit	Correlation coefficient	Background correction	Calibration Coefficient [1]	Calibration Coefficient [2]	Concentration Replicate 1
Ag 328.068	Ag	n	0.48727697	0.48727697	mg/L	43285.29961585	0.00371610	0.76262541	325.86463445	0.75		Y (371.029 nm)	Linear	1.00000	Fitted	572.502077445868	87689.9995285448	0.49067877
Al 396.152	Al	n	1.04397999	1.04397999	mg/L	41850.92892203	0.00435625	0.41727299	169.55805178	0.41	15.39233378	Y (371.029 nm)	Linear	0.99998	Fitted	1205.5647048183	38922.9696497508	1.04803804
As 188.980	As	n	1.03424133	1.03424133	mg/L	5700.62489764	0.01008216	0.97483608	55.20591978	0.97	2.71184674	Y (371.029 nm)	Linear	0.99996	Fitted	37.5874680560493	5475.60572556616	1.04316932
B 249.678	B	n	1.04375819	1.04375819	mg/L	37869.78969961	0.00937844	0.89852598	337.09822057	0.89	4.67623197	Y (371.029 nm)	Linear	1.00000	Fitted	355.723406422493	35943.960009001	1.05300980
Ba 230.424	Ba	n	0.96982620	0.96982620	mg/L	81095.47474497	0.01279352	1.31915627	1062.84533346	1.31	2.99500977	Y (371.029 nm)	Linear	0.99991	Fitted	320.944546456498	83076.8287015984	0.97946142
Be 313.107	Be	n	1.02186666	1.02186666	mg/L	2804748.73955933	0.00874262	0.85555374	23993.45546970	0.86	1.07961226	Y (371.029 nm)	Linear	1.00000	Fitted	314.299724647743	2744424.42090531	1.03091691
Ca 317.933	Ca-R	n	48.12792241	48.12792241	mg/L	765512.60984158	0.53189368	1.10516651	8441.37292944	1.10	22.37721428	Y-R (371.029 nm)	Linear	0.99999	Fitted	1769.7142084379	15870.4140866595	47.56089576
Cd 214.439	Cd	n	0.97541346	0.97541346	mg/L	210966.12404444	0.01002207	1.02746864	2167.89206961	1.03	5.62394238	Y (371.029 nm)	Linear	0.99972	Fitted	-26.0550294873418	216311.862822474	0.98678867
Co 230.786	Co	n	0.95400897	0.95400897	mg/L	37565.96540234	0.01363819	1.42956668	536.36863887	1.43	19.02338365	Y (371.029 nm)	Linear	0.99997	Fitted	43.7782215927577	39328.4199063949	0.96279471
Cr 267.716	Cr	n	0.96482996	0.96482996	mg/L	69966.60983253	0.00605163	0.62722230	438.74181266	0.63	5.55970103	Y (371.029 nm)	Linear	0.99997	Off-Peak Left+Right	20.1266331741009	72499.7904484812	0.97042779
Cu 324.754	Cu	n	1.01865363	1.01865363	mg/L	45248.08641073	0.00821053	0.80601810	359.87935564	0.80	21.24684838	Y (371.029 nm)	Linear	0.99992	Fitted	588.557197910467	43831.4262423811	1.02544204
Fe 259.940	Fe	n	0.98699567	0.98699567	mg/L	67100.79890622	0.00718961	0.72843360	488.68420916	0.73	10.61972193	Y (371.029 nm)	Linear	0.99994	Off-Peak Left+Right	36.5546132684872	67970.91086477	0.99403660
K 766.491	K-R	n	57.81963815	57.81963815	mg/L	94378.78433004	0.73502471	1.27123713	1199.30253473	1.27	19.84138616	Y-R (371.029 nm)	Linear	1.00000	Fitted	42.4383366429514	1631.64927599152	56.97219056
Li 670.783	Li-R	n	0.98265262	0.98265262	mg/L	113192.45225291	0.01219034	1.24055413	1403.22603912	1.24	4.80931472	Y-R (371.029 nm)	Linear	1.00000	FACT	53.5763080571273	115109.694363644	0.96857960
Mg 279.800	Mg-R	n	49.96785991	49.96785991	mg/L	138780.65117557	0.45763697	0.91586265	1270.04956506	0.92	3.53568227	Y-R (371.029 nm)	Linear	1.00000	Fitted	111.675602641401	2775.23376315608	49.46273822
Mn 257.610	Mn	n	0.93823389	0.93823389	mg/L	460191.02077099	0.00669749	0.71384001	3281.45429961	0.71	5.94072524	Y (371.029 nm)	Linear	0.99990	Fitted	523.246652406393	489952.927445074	0.94480427
Mo 204.598	Mo	n	1.00748690	1.00748690	mg/L	11249.71528574	0.00387268	0.38439003	43.16440895	0.38	3.89152228	Y (371.029 nm)	Linear	1.00000	Fitted	19.089588126705	11145.8777676476	1.00633275
Na 589.592	Na-R	n	48.89290361	48.89290361	mg/L	567016.37209431	0.69443237	1.42031322	8023.61070099	1.42	19.04232273	Y-R (371.029 nm)	Linear	1.00000	Fitted	2238.9107726026	11554.2002324052	48.09674428
Ni 231.604	Ni	n	0.95868065	0.95868065	mg/L	26458.36842238	0.00832606	0.86849120	228.28365283	0.86	3.44177854	Y (371.029 nm)	Linear	0.99998	Off-Peak Left+Right	187.372425032713	27417.9784110399	0.96720823
P 177.434	P	nQ	9.12558570	9.12558570	mg/L	2066.13445546	0.06423337	0.70388221	14.50600599	0.70		Y (371.029 nm)	Linear	1.00000	Fitted	5.26224648069594	225.832848686858	9.17716547
Pb 220.353	Pb	n	1.01880873	1.01880873	mg/L	9301.35153893	0.01020599	1.00175768	91.48706300	0.98	25.09022586	Y (371.029 nm)	Linear	0.99996	Off-Peak Right	171.026977801425	8964.05158812345	1.02949760
S 181.972	S	nQ	6.08179415	6.08179415	mg/L	9275.05727494	0.07086680	1.16522846	106.53479193	1.15		Y (371.029 nm)	Linear	1.00000	Fitted	129.948723818944	1503.31039459955	6.15164361
Sb 206.834	Sb	n	1.02828454	1.02828454	mg/L	4107.73753965	0.00187710	0.18254666	7.55652761	0.18	6.03486237	Y (371.029 nm)	Linear	0.99998	Off-Peak Right	-34.5571991267422	4025.64125642531	1.02921174
Se 196.026	Se	n	1.02211486	1.02211486	mg/L	4254.02114950	0.00862993	0.84432129	35.64589395	0.84	2.29875901	Y (371.029 nm)	Linear	0.99990	Fitted	32.7303760974339	4130.49472280005	1.02842490
Si 251.611	Si	nQ	5.76736021	5.76736021	mg/L	51638.59443606	0.13521375	2.34446512	1208.43466045	2.34		Y (371.029 nm)	Linear	1.00000	Fitted	98.3187416870542	8937.21737151692	5.62820903
Sn 189.925	Sn	n	5.02292040	5.02292040	mg/L	63499.57496359	0.06128581	1.22012298	774.29448977	1.22	12.26165207	Y (371.029 nm)	Linear	0.99995	Fitted	39.5541885268555	12634.1568554032	5.09179307
Sr 421.552	Sr-R	n	0.97202194	0.97202194	mg/L	497044.83686841	0.00879155	0.90445998	4490.93121733	0.90	4.03830839	Y-R (371.029 nm)	Linear	0.99994	Fitted	208.594109201771	510823.627022499	0.96187034
Ti 334.941	Ti	n	1.02555719	1.02555719	mg/L	385382.22097017	0.00306746	0.29910144	1152.10695347	0.30	3.40632998	Y (371.029 nm)	Linear	0.99999	Fitted	220.002205964814	375590.339424497	1.02689873
Tl 190.794	Tl	n	0.99678274	0.99678274	mg/L	3885.12074848	0.00273195	0.27407647	10.64222257	0.27	10.21151594	Y (371.029 nm)	Linear	0.99992	Fitted	1.31691436736463	3895.47190652993	0.99806223
V 292.401	V	n	1.02048274	1.02048274	mg/L	41489.65846332	0.00680312	0.66665684	276.47566145	0.67	2.55424749	Y (371.029 nm)	Linear	1.00000	Off-Peak Left+Right	17.8006478267166	40639.5511768207	1.02719054
Zn 206.200	Zn	n	0.97464997	0.97464997	mg/L	63815.73166517	0.00892330	0.91553910	585.09803660	0.92	7.02046350	Y (371.029 nm)	Linear	0.99960	Fitted	97.9001412786361	65569.6812260482	0.98421403
Y 371.029	Y		0.97	0.97	Ratio	645738.50	0.02	1.69	10928.79	1.69		-	-	-	Fitted	-	-	0.95
Y 371.029	Y-R		1.06	1.06	Ratio	166047.96	0.01	1.24	2065.53	1.24		-	-	-	Fitted	-	-	1.08

ENTHALPY INSTRUMENT BLANK FOR 489010 METALS Wipe

EPA 6010B

Inst:	MET09			IDF:	1.0
Seqnum:	673297193218	File:	icp data	Time:	25-JUL-2023 20:41
Cal:	673297193001	Caldate:	25-JUL-2023		

Analyte	Ch	Quant	IQL	LOD	Units	Flags
Lead	A	ND	0.003333	---	mg/L	

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	Abund	%Drift
Yttrium	A	666361	661678	-0.70
Yttrium	R	155962	170789	9.51

Instrument ID: MET09

Label: CCB | Rack:Tube: S1:1 | Type: QC

Date Time: 7/25/2023 8:41:06 PM | Weight: - | Volume: -

Dilution: - | %RSE limit: - | Calibration Coefficient [3]: -

LIMSID: | Customer: | Customer Ref.:

Sample Date Time: | Sample Site: | Description:

Replicates: 3

Element	Element Label	Flags	Unadjusted Data	Concentration	Unit	Intensity	Concentration SD	Concentration % RSD	Intensity SD	Intensity % RSD	%RSE	Internal Standard	Calibration fit	Correlation coefficient	Background correction	Calibration Coefficient [1]	Calibration Coefficient [2]	Concentration Replicate 1	Co Re
Ag 328.068	Ag	nu	0.00032484	0.00032484	mg/L	601.00075656	0.00041960	129.17011056	36.79429280	6.12		Y (371.029 nm)	Linear	1.00000	Fitted	572.502077445868	87689.9995285448	0.00076010	0.0
Al 396.152	Al	n	0.00036863	0.00036863	mg/L	1219.89409927	0.00026703	72.43871440	10.39349255	0.85	15.39233378	Y (371.029 nm)	Linear	0.99998	Fitted	1205.56470480183	38922.9696497508	0.00067145	0.0
As 188.980	As	nu	0.00065412	0.00065412	mg/L	41.16708422	0.00080221	122.63859463	4.39258001	10.67	2.71184674	Y (371.029 nm)	Linear	0.99996	Fitted	37.5874680560493	5475.60572556616	0.00133958	-0.
B 249.678	B	nu	-0.00249652	-0.00249652	mg/L	265.98799696	0.00027308	10.93828678	9.81545473	3.69	4.67623197	Y (371.029 nm)	Linear	1.00000	Fitted	355.723406422493	35943.960009001	-0.00271718	-0.
Ba 230.424	Ba	nu	-0.00001513	-0.00001513	mg/L	319.49352947	0.00014716	972.88576900	12.22586794	3.83	2.99500977	Y (371.029 nm)	Linear	0.99991	Fitted	320.944546456498	83076.8287015984	0.00005701	0.0
Be 313.107	Be	n	0.00004047	0.00004047	mg/L	425.36812642	0.00000305	7.54298557	8.37790775	1.97	1.07961226	Y (371.029 nm)	Linear	1.00000	Fitted	314.299724647743	2744424.42090531	0.00004095	0.0
Ca 317.933	Ca-R	nu	-0.01726977	-0.01726977	mg/L	1495.63220929	0.00057175	3.31072209	9.07397367	0.61	22.37721428	Y-R (371.029 nm)	Linear	0.99999	Fitted	1769.7142084379	15870.4140866595	-0.01728588	-0.
Cd 214.439	Cd	n	0.00002502	0.00002502	mg/L	-20.64994907	0.00000864	34.53412025	1.86939812	9.05	5.62394238	Y (371.029 nm)	Linear	0.99972	Fitted	-26.0550294873418	216311.862822474	0.00003405	0.0
Co 230.786	Co	nu	-0.00028024	-0.00028024	mg/L	32.75513653	0.00014518	51.80525179	5.70974365	17.43	19.02338365	Y (371.029 nm)	Linear	0.99997	Fitted	43.7782215927577	39328.4199063949	-0.00011291	-0.
Cr 267.716	Cr	nu	-0.00034217	-0.00034217	mg/L	-4.68120513	0.00014037	41.02503753	10.17708308	> 100.00	5.55970103	Y (371.029 nm)	Linear	0.99997	Off-Peak Left+Right	20.1266331741009	72499.7904484812	-0.00021307	-0.
Cu 324.754	Cu	nZ	0.00376551	0.00376551	mg/L	753.60140355	0.00059049	15.68147979	25.88193340	3.43	21.24684838	Y (371.029 nm)	Linear	0.99992	Fitted	588.557197910467	43831.4262423811	0.00429563	0.0
Fe 259.940	Fe	n	0.00053966	0.00053966	mg/L	73.25871192	0.00020069	37.18828293	13.64114410	18.62	10.61972193	Y (371.029 nm)	Linear	0.99994	Off-Peak Left+Right	36.5546132684872	67970.91086477	0.00032437	0.0
K 766.491	K-R	n	0.04437583	0.04437583	mg/L	114.84806954	0.03545532	79.89781282	57.85064810	50.37	19.84138616	Y-R (371.029 nm)	Linear	1.00000	Fitted	42.4383366429514	1631.64927599152	0.00407453	0.0
Li 670.783	Li-R	nZ	0.00483218	0.00483218	mg/L	609.79771848	0.00045745	9.46683416	52.65739862	8.64	4.80931472	Y-R (371.029 nm)	Linear	1.00000	FACT	53.5763080571273	115109.694363644	0.00515621	0.0
Mg 279.800	Mg-R	nu	-0.00630867	-0.00630867	mg/L	94.16998566	0.00219656	34.81812767	6.09596639	6.47	3.53568227	Y-R (371.029 nm)	Linear	1.00000	Fitted	111.675602641401	2775.23376315608	-0.00602535	-0.
Mn 257.610	Mn	nu	-0.00020841	-0.00020841	mg/L	421.16860012	0.00005820	27.92388324	28.51314114	6.77	5.94072524	Y (371.029 nm)	Linear	0.99990	Fitted	523.246652406393	489952.927445074	-0.00014122	-0.
Mo 204.598	Mo	n	0.00060511	0.00060511	mg/L	25.83146963	0.00053372	88.20126550	5.94876059	23.03	3.89152228	Y (371.029 nm)	Linear	1.00000	Fitted	19.089588126705	11145.8777676476	0.00008362	0.0
Na 589.592	Na-R	nu	-0.11675296	-0.11675296	mg/L	890.00106417	0.00785648	6.72915259	90.77539969	10.20	19.04232273	Y-R (371.029 nm)	Linear	1.00000	Fitted	2238.9107726026	11554.2002324052	-0.10772358	-0.
Ni 231.604	Ni	nu	-0.00042707	-0.00042707	mg/L	175.66648211	0.00035328	82.72296780	9.68630228	5.51	3.44177854	Y (371.029 nm)	Linear	0.99998	Off-Peak Left+Right	187.372425032713	27417.9784110399	-0.00003949	-0.
P 177.434	P	nu	-0.00363274	-0.00363274	mg/L	4.44181707	0.00473267	130.27838063	1.06879261	24.06		Y (371.029 nm)	Linear	1.00000	Fitted	5.26224648069594	225.832848686858	-0.00672984	0.0
Pb 220.353	Pb	nZu	-0.00439457	-0.00439457	mg/L	131.65501577	0.00107138	24.37966273	9.60391398	7.29	25.09022586	Y (371.029 nm)	Linear	0.99996	Off-Peak Right	171.026977801425	8964.05158812345	-0.00393256	-0.
S 181.972	S	nu	-0.00286069	-0.00286069	mg/L	125.64626620	0.00167263	58.46966061	2.51448833	2.00		Y (371.029 nm)	Linear	1.00000	Fitted	129.948723818944	1503.31039459955	-0.00169262	-0.
Sb 206.834	Sb	nu	0.00022795	0.00022795	mg/L	-33.64113376	0.00208182	913.26396180	8.38065404	24.91	6.03486237	Y (371.029 nm)	Linear	0.99998	Off-Peak Right	-34.5571991267422	4025.64125642531	0.00187366	0.0
Se 196.026	Se	nu	-0.00167960	-0.00167960	mg/L	25.79351245	0.00126893	75.54954974	5.24131088	20.32	2.29875901	Y (371.029 nm)	Linear	0.99990	Fitted	32.7303760974339	4130.49472280005	-0.00028001	-0.
Si 251.611	Si	n	0.00422121	0.00422121	mg/L	136.04754395	0.00169802	40.22585223	15.17556080	11.15		Y (371.029 nm)	Linear	1.00000	Fitted	98.3187416870542	8937.21737151692	0.00381541	0.0
Sn 189.925	Sn	nu	0.00018133	0.00018133	mg/L	41.84564914	0.00053716	296.23234791	6.78661093	16.22	12.26165207	Y (371.029 nm)	Linear	0.99995	Fitted	39.5541885268555	12634.1568554032	0.00080156	-0.
Sr 421.552	Sr-R	nu	-0.00027513	-0.00027513	mg/L	67.77235864	0.00004887	17.76140657	24.96206197	36.83	4.03830839	Y-R (371.029 nm)	Linear	0.99994	Fitted	208.594109201771	510823.627022499	-0.00022162	-0.
Ti 334.941	Ti	n	0.00099885	0.00099885	mg/L	595.17608551	0.00021160	21.18405405	79.47383567	13.35	3.40632998	Y (371.029 nm)	Linear	0.99999	Fitted	220.002205964814	375590.339424497	0.00084261	0.0
Tl 190.794	Tl	n	0.00299201	0.00299201	mg/L	12.97166488	0.00053582	17.90841693	2.08727627	16.09	10.21151594	Y (371.029 nm)	Linear	0.99992	Fitted	1.31691436736463	3895.47190652993	0.00339876	0.0
V 292.401	V	nu	-0.00014116	-0.00014116	mg/L	12.06862903	0.00061989	439.13234836	25.19206366	> 100.00	2.55424749	Y (371.029 nm)	Linear	1.00000	Off-Peak Left+Right	17.8006478267166	40639.5511768207	0.00045208	-0.
Zn 206.200	Zn	n	0.00112052	0.00112052	mg/L	171.49215798	0.00012024	10.73035092	7.88381046	4.60	7.02046350	Y (371.029 nm)	Linear	0.99960	Fitted	97.9001412786361	65569.6812260482	0.00100423	0.0
Y 371.029	Y		0.99	0.99	Ratio	661678.16	0.01	1.04	6902.04	1.04		-	-	-	Fitted	-	-	0.98	1.0
Y 371.029	Y-R		1.10	1.10	Ratio	170788.60	0.02	1.82	3103.48	1.82		-	-	-	Fitted	-	-	1.09	1.1

ENTHALPY CONTINUING CALIBRATION FOR 489010 METALS Wipe

EPA 6010B

Inst:	MET09			IDF:	1.0
Seqnum:	673297193229	File:	icp data	Time:	25-JUL-2023 21:15
Cal:	673297193001	Caldate:	25-JUL-2023		

Standards: S18628

Analyte	Ch	Avg RF/CF	RF/CF	Spiked	Quant	Units	%D	Max %D	Flags
Lead	A	19847	9255.4	1.000	1.014	mg/L	1	10	

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	Abund	%Drift
Yttrium	A	666361	649248	-2.57
Yttrium	R	155962	165312	5.99

Instrument ID: MET09

Label: CCV,S18628 | Rack:Tube: S1:12 | Type: QC

Date Time: 7/25/2023 9:15:33 PM | Weight: - | Volume: -

Dilution: - | %RSE limit: - | Calibration Coefficient [3]: -

LIMS ID: | Customer: | Customer Ref.:

Sample Date Time: | Sample Site: | Description:

Replicates: 3 | Flags Replicate 1: | Flags Replicate 2:

Flags Replicate 3:

Element	Element Label	Flags	Unadjusted Data	Concentration	Unit	Intensity	Concentration SD	Concentration %RSD	Intensity SD	Intensity %RSD	%RSE	Internal Standard	Calibration fit	Correlation coefficient	Background correction	Calibration Coefficient [1]	Calibration Coefficient [2]	Concentration Replicate 1
Ag 328.068	Ag	n	0.48592765	0.48592765	mg/L	43166.93326732	0.00173656	0.35737099	152.27933519	0.35		Y (371.029 nm)	Linear	1.00000	Fitted	572.502077445868	87689.9995285448	0.48647183
Al 396.152	Al	n	1.04136365	1.04136365	mg/L	41749.13161227	0.00305891	0.29374126	119.06204380	0.29	15.39233378	Y (371.029 nm)	Linear	0.99998	Fitted	1205.5647048183	38922.9696497508	1.03928250
As 188.980	As	n	1.02738094	1.02738094	mg/L	5663.06138264	0.00343023	0.33388076	18.78257216	0.33	2.71184674	Y (371.029 nm)	Linear	0.99996	Fitted	37.5874680560493	5475.60572556616	1.02939776
B 249.678	B	n	1.02497112	1.02497112	mg/L	37194.50084288	0.00261500	0.25512941	93.99355565	0.25	4.67623197	Y (371.029 nm)	Linear	1.00000	Fitted	355.723406422493	35943.960009001	1.02352893
Ba 230.424	Ba	n	0.95670044	0.95670044	mg/L	80005.52914265	0.00970261	1.01417382	806.06168499	1.01	2.99500977	Y (371.029 nm)	Linear	0.99991	Fitted	320.944546456498	83076.8287015984	0.94573443
Be 313.107	Be	n	1.01055747	1.01055747	mg/L	2773711.50397230	0.00792928	0.78464401	21761.30602004	0.78	1.07961226	Y (371.029 nm)	Linear	1.00000	Fitted	314.299724647743	2744424.42090531	1.00469782
Ca 317.933	Ca-R	n	48.36886484	48.36886484	mg/L	769336.43213269	0.41537459	0.85876441	6592.16681839	0.86	22.37721428	Y-R (371.029 nm)	Linear	0.99999	Fitted	1769.7142084379	15870.4140866595	48.84398201
Cd 214.439	Cd	n	0.96741745	0.96741745	mg/L	209236.51315622	0.00743016	0.76804063	1607.23156607	0.77	5.62394238	Y (371.029 nm)	Linear	0.99972	Fitted	-26.0550294873418	216311.862822474	0.95896035
Co 230.786	Co	n	0.93976424	0.93976424	mg/L	37005.74863409	0.00840164	0.89401554	330.42315824	0.89	19.02338365	Y (371.029 nm)	Linear	0.99997	Fitted	43.7782215927577	39328.4199063949	0.93013370
Cr 267.716	Cr	n	0.95451031	0.95451031	mg/L	69218.43350406	0.00212932	0.22307979	154.37522177	0.22	5.55970103	Y (371.029 nm)	Linear	0.99997	Off-Peak Left+Right	20.1266331741009	72499.7904484812	0.95252353
Cu 324.754	Cu	n	1.01566455	1.01566455	mg/L	45117.08332859	0.00312306	0.30748909	136.88807180	0.30	21.24684838	Y (371.029 nm)	Linear	0.99992	Fitted	588.557197910467	43831.4262423811	1.01609343
Fe 259.940	Fe	n	0.98365482	0.98365482	mg/L	66873.64344219	0.00270899	0.27540064	184.13262955	0.28	10.61972193	Y (371.029 nm)	Linear	0.99994	Off-Peak Left+Right	36.5546132684872	67970.91086477	0.98104319
K 766.491	K-R	n	58.01929404	58.01929404	mg/L	94704.54184316	0.38299935	0.66012411	624.92061266	0.66	19.84138616	Y-R (371.029 nm)	Linear	1.00000	Fitted	42.4383366429514	1631.64927599152	58.44910369
Li 670.783	Li-R	n	0.98464287	0.98464287	mg/L	113421.59504844	0.00770713	0.78273329	887.16509805	0.78	4.80931472	Y-R (371.029 nm)	Linear	1.00000	FACT	53.5763080571273	115109.694363644	0.99342633
Mg 279.800	Mg-R	n	50.12068991	50.12068991	mg/L	139204.78493550	0.43705627	0.87200769	1212.93331946	0.87	3.53568227	Y-R (371.029 nm)	Linear	1.00000	Fitted	111.675602641401	2775.23376315608	50.62512911
Mn 257.610	Mn	n	0.92470743	0.92470743	mg/L	453563.63090187	0.00230482	0.24924889	1129.25478855	0.25	5.94072524	Y (371.029 nm)	Linear	0.99990	Fitted	523.246652406393	489952.927445074	0.92298557
Mo 204.598	Mo	n	1.00168710	1.00168710	mg/L	11185.07436505	0.00644910	0.64382406	71.88090898	0.64	3.89152228	Y (371.029 nm)	Linear	1.00000	Fitted	19.089588126705	11145.8777676476	0.99427026
Na 589.592	Na-R	n	49.36267393	49.36267393	mg/L	572443.89108756	0.28648246	0.58036252	3310.07569145	0.58	19.04232273	Y-R (371.029 nm)	Linear	1.00000	Fitted	2238.9107726026	11554.2002324052	49.67745015
Ni 231.604	Ni	n	0.95054801	0.95054801	mg/L	26235.36586389	0.00213702	0.22481994	58.59280709	0.22	3.44177854	Y (371.029 nm)	Linear	0.99998	Off-Peak Left+Right	187.372425032713	27417.9784110399	0.95175778
P 177.434	P	nQ	9.84863938	9.84863938	mg/L	2229.42377861	0.01502005	0.15250885	3.39201990	0.15		Y (371.029 nm)	Linear	1.00000	Fitted	5.26224648069594	225.832848686858	9.85492859
Pb 220.353	Pb	n	1.01368808	1.01368808	mg/L	9255.44832468	0.00505187	0.49836500	45.28519270	0.49	25.09022586	Y (371.029 nm)	Linear	0.99996	Off-Peak Right	171.026977801425	8964.05158812345	1.01495668
S 181.972	S	nQ	6.11685445	6.11685445	mg/L	9327.76897957	0.02848788	0.46572756	42.82612130	0.46		Y (371.029 nm)	Linear	1.00000	Fitted	129.948723818944	1503.31039459955	6.14232473
Sb 206.834	Sb	n	1.02135748	1.02135748	mg/L	4079.85983719	0.00650875	0.63726446	26.20188535	0.64	6.03486237	Y (371.029 nm)	Linear	0.99998	Off-Peak Right	-34.5571991267422	4025.64125642531	1.01392027
Se 196.026	Se	n	1.01418568	1.01418568	mg/L	4221.26724016	0.00444786	0.43856484	18.37186949	0.44	2.29875901	Y (371.029 nm)	Linear	0.99990	Fitted	32.7303760974339	4130.49472280005	1.01358843
Si 251.611	Si	nQ	5.63393029	5.63393029	mg/L	50446.09112221	0.15882685	2.81911288	1419.47012035	2.81		Y (371.029 nm)	Linear	1.00000	Fitted	98.3187416870542	8937.21737151692	5.46783444
Sn 189.925	Sn	n	5.00429220	5.00429220	mg/L	63264.22258809	0.01091301	0.21807291	137.87662197	0.22	12.26165207	Y (371.029 nm)	Linear	0.99995	Fitted	39.5541885268555	12634.1568554032	4.99538882
Sr 421.552	Sr-R	n	0.97709255	0.97709255	mg/L	499635.78898891	0.00872114	0.89256051	4454.96552105	0.89	4.03830839	Y-R (371.029 nm)	Linear	0.99994	Fitted	208.594109201771	510823.627022499	0.98626437
Ti 334.941	Ti	n	1.03071245	1.03071245	mg/L	387318.42576088	0.00636170	0.61721403	2389.39374356	0.62	3.40632998	Y (371.029 nm)	Linear	0.99999	Fitted	220.002205964814	375590.339424497	1.02518981
Tl 190.794	Tl	n	0.98940076	0.98940076	mg/L	3856.36603533	0.00467994	0.47300745	18.23057214	0.47	10.21151594	Y (371.029 nm)	Linear	0.99992	Fitted	1.31691436736463	3895.47190652993	0.98626210
V 292.401	V	n	1.01690284	1.01690284	mg/L	41344.16069013	0.00234687	0.23078575	95.37561488	0.23	2.55424749	Y (371.029 nm)	Linear	1.00000	Off-Peak Left+Right	17.8006478267166	40639.5511768207	1.01514114
Zn 206.200	Zn	n	0.97018390	0.97018390	mg/L	63522.49962497	0.00601218	0.61969537	394.21703137	0.62	7.02046350	Y (371.029 nm)	Linear	0.99960	Fitted	97.9001412786361	65569.6812260482	0.96324489
Y 371.029	Y		0.97	0.97	Ratio	649247.63	0.01	1.09	7084.95	1.09		-	-	-	Fitted	-	-	0.96
Y 371.029	Y-R		1.06	1.06	Ratio	165311.57	0.01	0.59	968.89	0.59		-	-	-	Fitted	-	-	1.06

ENTHALPY INSTRUMENT BLANK FOR 489010 METALS Wipe

EPA 6010B

Inst:	MET09			IDF:	1.0
Seqnum:	673297193230	File:	icp data	Time:	25-JUL-2023 21:18
Cal:	673297193001	Caldate:	25-JUL-2023		

Analyte	Ch	Quant	IQL	LOD	Units	Flags
Lead	A	ND	0.003333	---	mg/L	

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	Abund	%Drift
Yttrium	A	666361	664062	-0.34
Yttrium	R	155962	172721	10.75

Instrument ID: MET09

Label: CCB | Rack:Tube: S1:1 | Type: QC

Date Time: 7/25/2023 9:18:40 PM | Weight: - | Volume: -

Dilution: - | %RSE limit: - | Calibration Coefficient [3]: -

LIMSID: | Customer: | Customer Ref.:

Sample Date Time: | Sample Site: | Description:

Replicates: 3

Element	Element Label	Flags	Unadjusted Data	Concentration	Unit	Intensity	Concentration SD	Concentration % RSD	Intensity SD	Intensity % RSD	%RSE	Internal Standard	Calibration fit	Correlation coefficient	Background correction	Calibration Coefficient [1]	Calibration Coefficient [2]	Concentration Replicate 1	Co Re
Ag 328.068	Ag	nu	0.00002396	0.00002396	mg/L	574.61368347	0.00015121	630.98134468	13.25950760	2.31		Y (371.029 nm)	Linear	1.00000	Fitted	572.502077445868	87689.9995285448	0.00003157	0.0
Al 396.152	Al	n	0.00331827	0.00331827	mg/L	1334.70463499	0.00036356	10.95626755	14.15076003	1.06	15.39233378	Y (371.029 nm)	Linear	0.99998	Fitted	1205.56470480183	38922.9696497508	0.00296414	0.0
As 188.980	As	nu	0.00029643	0.00029643	mg/L	39.20763951	0.00059163	199.58599984	3.23953512	8.26	2.71184674	Y (371.029 nm)	Linear	0.99996	Fitted	37.5874680560493	5475.60572556616	-0.00038449	0.0
B 249.678	B	nu	-0.00119973	-0.00119973	mg/L	312.59725331	0.00007394	6.16338218	2.65783115	0.85	4.67623197	Y (371.029 nm)	Linear	1.00000	Fitted	355.723406422493	35943.960009001	-0.00111485	-0.
Ba 230.424	Ba	nu	-0.00016109	-0.00016109	mg/L	307.36189323	0.00027098	168.21410714	22.51197556	7.32	2.99500977	Y (371.029 nm)	Linear	0.99991	Fitted	320.944546456498	83076.8287015984	0.00000845	-0.
Be 313.107	Be	n	0.00003059	0.00003059	mg/L	398.24169061	0.00001494	48.85030303	41.00628500	10.30	1.07961226	Y (371.029 nm)	Linear	1.00000	Fitted	314.299724647743	2744424.42090531	0.00002408	0.0
Ca 317.933	Ca-R	nu	-0.01707331	-0.01707331	mg/L	1498.79027533	0.00127309	7.45661969	20.20449244	1.35	22.37721428	Y-R (371.029 nm)	Linear	0.99999	Fitted	1769.7142084379	15870.4140866595	-0.01568329	-0.
Cd 214.439	Cd	nu	-0.00000257	-0.00000257	mg/L	-26.61215524	0.00000637	247.51191700	1.37792658	5.18	5.62394238	Y (371.029 nm)	Linear	0.99972	Fitted	-26.0550294873418	216311.862822474	-0.00000488	0.0
Co 230.786	Co	nu	0.00003748	0.00003748	mg/L	45.25142005	0.00006046	161.29966463	2.37769885	5.25	19.02338365	Y (371.029 nm)	Linear	0.99997	Fitted	43.7782215927577	39328.4199063949	-0.00003095	0.0
Cr 267.716	Cr	nu	-0.00030943	-0.00030943	mg/L	-2.30758419	0.00007344	23.73422522	5.32440407	> 100.00	5.55970103	Y (371.029 nm)	Linear	0.99997	Off-Peak Left+Right	20.1266331741009	72499.7904484812	-0.00036152	-0.
Cu 324.754	Cu	n	0.00332503	0.00332503	mg/L	734.28980137	0.00114629	34.47464877	50.24355705	6.84	21.24684838	Y (371.029 nm)	Linear	0.99992	Fitted	588.557197910467	43831.4262423811	0.00464618	0.0
Fe 259.940	Fe	n	0.00151820	0.00151820	mg/L	139.75729466	0.00050546	33.29368651	34.35680900	24.58	10.61972193	Y (371.029 nm)	Linear	0.99994	Off-Peak Left+Right	36.5546132684872	67970.91086477	0.00113930	0.0
K 766.491	K-R	n	0.03060507	0.03060507	mg/L	92.37976277	0.01588198	51.89329361	25.91382134	28.05	19.84138616	Y-R (371.029 nm)	Linear	1.00000	Fitted	42.4383366429514	1631.64927599152	0.04826143	0.0
Li 670.783	Li-R	nZ	0.00520041	0.00520041	mg/L	652.18308120	0.00049998	9.61418837	57.55217740	8.82	4.80931472	Y-R (371.029 nm)	Linear	1.00000	FACT	53.5763080571273	115109.694363644	0.00539602	0.0
Mg 279.800	Mg-R	nu	-0.00542271	-0.00542271	mg/L	96.63032836	0.00221414	40.83084181	6.14475595	6.36	3.53568227	Y-R (371.029 nm)	Linear	1.00000	Fitted	111.675602641401	2775.23376315608	-0.00474496	-0.
Mn 257.610	Mn	nu	-0.00023542	-0.00023542	mg/L	407.93662161	0.00002738	11.63117069	13.41609062	3.29	5.94072524	Y (371.029 nm)	Linear	0.99990	Fitted	523.246652406393	489952.927445074	-0.00025123	-0.
Mo 204.598	Mo	n	0.00101685	0.00101685	mg/L	30.41908650	0.00035483	34.89536729	3.95493612	13.00	3.89152228	Y (371.029 nm)	Linear	1.00000	Fitted	19.089588126705	11145.8777676476	0.00142445	0.0
Na 589.592	Na-R	nu	-0.12558989	-0.12558989	mg/L	787.88871389	0.00165309	1.31626305	19.10017064	2.42	19.04232273	Y-R (371.029 nm)	Linear	1.00000	Fitted	2238.9107726026	11554.2002324052	-0.12393227	-0.
Ni 231.604	Ni	nu	-0.00036206	-0.00036206	mg/L	177.45015957	0.00002923	8.07363847	0.80147329	0.45	3.44177854	Y (371.029 nm)	Linear	0.99998	Off-Peak Left+Right	187.372425032713	27417.9784110399	-0.00033470	-0.
P 177.434	P	nu	-0.00583549	-0.00583549	mg/L	3.94434979	0.01123084	192.45746270	2.53629217	64.30		Y (371.029 nm)	Linear	1.00000	Fitted	5.26224648069594	225.832848686858	0.00435287	-0.
Pb 220.353	Pb	nZu	-0.00471273	-0.00471273	mg/L	128.82305312	0.00009380	1.99037167	0.84083496	0.65	25.09022586	Y (371.029 nm)	Linear	0.99996	Off-Peak Right	171.026977801425	8964.05158812345	-0.00481249	-0.
S 181.972	S	nu	-0.00058780	-0.00058780	mg/L	129.06295936	0.00196377	334.08859098	2.95215241	2.29		Y (371.029 nm)	Linear	1.00000	Fitted	129.948723818944	1503.31039459955	0.00009571	0.0
Sb 206.834	Sb	nu	-0.00095892	-0.00095892	mg/L	-38.41739747	0.00122218	127.45371231	4.92007468	12.81	6.03486237	Y (371.029 nm)	Linear	0.99998	Off-Peak Right	-34.5571991267422	4025.64125642531	0.00039534	-0.
Se 196.026	Se	nu	-0.00349523	-0.00349523	mg/L	18.29353399	0.00068580	19.62089766	2.83267362	15.48	2.29875901	Y (371.029 nm)	Linear	0.99990	Fitted	32.7303760974339	4130.49472280005	-0.00311199	-0.
Si 251.611	Si	n	0.00361408	0.00361408	mg/L	130.61994403	0.00070157	19.41200999	6.27004217	4.80		Y (371.029 nm)	Linear	1.00000	Fitted	98.3187416870542	8937.21737151692	0.00286777	0.0
Sn 189.925	Sn	n	0.00039558	0.00039558	mg/L	44.55271047	0.00028149	71.15819503	3.55636015	7.98	12.26165207	Y (371.029 nm)	Linear	0.99995	Fitted	39.5541885268555	12634.1568554032	0.00071234	0.0
Sr 421.552	Sr-R	nu	-0.00022457	-0.00022457	mg/L	93.60915170	0.00006604	29.40838351	33.73658108	36.04	4.03830839	Y-R (371.029 nm)	Linear	0.99994	Fitted	208.594109201771	510823.627022499	-0.00017831	-0.
Ti 334.941	Ti	n	0.00082168	0.00082168	mg/L	528.62999036	0.00010205	12.41989908	38.32972017	7.25	3.40632998	Y (371.029 nm)	Linear	0.99999	Fitted	220.002205964814	375590.339424497	0.00070552	0.0
Tl 190.794	Tl	nu	0.00059669	0.00059669	mg/L	3.64056455	0.00121341	203.35675844	4.72681197	> 100.00	10.21151594	Y (371.029 nm)	Linear	0.99992	Fitted	1.31691436736463	3895.47190652993	-0.00003375	0.0
V 292.401	V	nu	-0.00021185	-0.00021185	mg/L	9.19133093	0.00048110	227.09180866	19.55187287	> 100.00	2.55424749	Y (371.029 nm)	Linear	1.00000	Off-Peak Left+Right	17.8006478267166	40639.5511768207	-0.00025870	0.0
Zn 206.200	Zn	n	0.00107055	0.00107055	mg/L	168.22702627	0.00018355	17.14528638	12.03529090	7.15	7.02046350	Y (371.029 nm)	Linear	0.99960	Fitted	97.9001412786361	65569.6812260482	0.00121210	0.0
Y 371.029	Y		1.00	1.00	Ratio	664062.40	0.01	0.86	5738.11	0.86		-	-	-	Fitted	-	-	0.99	1.0
Y 371.029	Y-R		1.11	1.11	Ratio	172721.19	0.02	1.53	2635.70	1.53		-	-	-	Fitted	-	-	1.09	1.1

ENTHALPY CONTINUING CALIBRATION FOR 489010 METALS Wipe

EPA 6010B

Inst:	MET09			IDF:	1.0
Seqnum:	673297193233	File:	icp data	Time:	25-JUL-2023 21:28
Cal:	673297193001	Caldate:	25-JUL-2023		

Standards: S18628

Analyte	Ch	Avg RF/CF	RF/CF	Spiked	Quant	Units	%D	Max %D	Flags
Lead	A	19847	9253.1	1.000	1.013	mg/L	1	10	

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	Abund	%Drift
Yttrium	A	666361	648015	-2.75
Yttrium	R	155962	167076	7.13

Instrument ID: MET09

Label: CCV,S18628 | Rack:Tube: S1:12 | Type: QC

Date Time: 7/25/2023 9:28:05 PM | Weight: - | Volume: -

Dilution: - | %RSE limit: - | Calibration Coefficient [3]: -

LIMS ID: | Customer: | Customer Ref.:

Sample Date Time: | Sample Site: | Description:

Replicates: 3 | Flags Replicate 1: | Flags Replicate 2:

Flags Replicate 3:

Element	Element Label	Flags	Unadjusted Data	Concentration	Unit	Intensity	Concentration SD	Concentration %RSD	Intensity SD	Intensity %RSD	%RSE	Internal Standard	Calibration fit	Correlation coefficient	Background correction	Calibration Coefficient [1]	Calibration Coefficient [2]	Concentration Replicate 1
Ag 328.068	Ag	n	0.48535639	0.48535639	mg/L	43116.98486367	0.00195209	0.40219777	171.17899782	0.40		Y (371.029 nm)	Linear	1.00000	Fitted	572.502077445868	87689.9995285448	0.48724579
Al 396.152	Al	n	1.04086718	1.04086718	mg/L	41729.73539608	0.00181231	0.17411565	70.54058983	0.17	15.39233378	Y (371.029 nm)	Linear	0.99998	Fitted	1205.5647048183	38922.9696497508	1.04141399
As 188.980	As	n	1.02682487	1.02682487	mg/L	5660.01740099	0.00619257	0.60307941	33.90806851	0.60	2.71184674	Y (371.029 nm)	Linear	0.99996	Fitted	37.5874680560493	5475.60572556616	1.02934034
B 249.678	B	n	1.02743704	1.02743704	mg/L	37283.15998368	0.00355585	0.34608913	127.81125605	0.34	4.67623197	Y (371.029 nm)	Linear	1.00000	Fitted	355.723406422493	35943.960009001	1.03015939
Ba 230.424	Ba	n	0.95888788	0.95888788	mg/L	80185.50131158	0.00380615	0.39693358	316.20270496	0.39	2.99500977	Y (371.029 nm)	Linear	0.99991	Fitted	320.944546456498	83076.8287015984	0.96103608
Be 313.107	Be	n	1.01010895	1.01010895	mg/L	2772480.59621116	0.00051842	0.05132360	1422.77635046	0.05	1.07961226	Y (371.029 nm)	Linear	1.00000	Fitted	314.299724647743	2744424.42090531	1.01041882
Ca 317.933	Ca-R	n	47.86169420	47.86169420	mg/L	761288.12080620	0.68407796	1.42928071	10856.60050977	1.43	22.37721428	Y-R (371.029 nm)	Linear	0.99999	Fitted	1769.7142084379	15870.4140866595	47.12385261
Cd 214.439	Cd	n	0.97208129	0.97208129	mg/L	210245.36454831	0.00298483	0.30705580	645.65457273	0.31	5.62394238	Y (371.029 nm)	Linear	0.99972	Fitted	-26.0550294873418	216311.862822474	0.97413654
Co 230.786	Co	n	0.94548318	0.94548318	mg/L	37230.64194886	0.00574737	0.60787662	226.03502862	0.61	19.02338365	Y (371.029 nm)	Linear	0.99997	Fitted	43.7782215927577	39328.4199063949	0.94971979
Cr 267.716	Cr	n	0.95497634	0.95497634	mg/L	69252.25471375	0.00164218	0.17196027	119.05769861	0.17	5.55970103	Y (371.029 nm)	Linear	0.99997	Off-Peak Left+Right	20.1266331741009	72499.7904484812	0.95510794
Cu 324.754	Cu	n	1.01369654	1.01369654	mg/L	45030.72430759	0.00412757	0.40718018	180.91734258	0.40	21.24684838	Y (371.029 nm)	Linear	0.99992	Fitted	588.557197910467	43831.4262423811	1.01776785
Fe 259.940	Fe	n	0.98470532	0.98470532	mg/L	66945.20383552	0.00150823	0.15316533	102.51557060	0.15	10.61972193	Y (371.029 nm)	Linear	0.99994	Off-Peak Left+Right	36.5546132684872	67970.91086477	0.98612561
K 766.491	K-R	n	57.57656024	57.57656024	mg/L	93982.20584113	0.91290688	1.58555301	1489.54385271	1.58	19.84138616	Y-R (371.029 nm)	Linear	1.00000	Fitted	42.4383366429514	1631.64927599152	56.54054357
Li 670.783	Li-R	n	0.97809284	0.97809284	mg/L	112667.37450648	0.01612889	1.64901394	1856.59128637	1.65	4.80931472	Y-R (371.029 nm)	Linear	1.00000	FACT	53.5763080571273	115109.694363644	0.96002663
Mg 279.800	Mg-R	n	49.67911195	49.67911195	mg/L	137979.33249218	0.73714936	1.48382154	2045.76180461	1.48	3.53568227	Y-R (371.029 nm)	Linear	1.00000	Fitted	111.675602641401	2775.23376315608	48.87408687
Mn 257.610	Mn	n	0.92480891	0.92480891	mg/L	453613.54216759	0.00194947	0.21079687	955.14768685	0.21	5.94072524	Y (371.029 nm)	Linear	0.99990	Fitted	523.246652406393	489952.927445074	0.92635431
Mo 204.598	Mo	n	1.00051087	1.00051087	mg/L	11171.94997566	0.00243113	0.24298912	27.09710671	0.24	3.89152228	Y (371.029 nm)	Linear	1.00000	Fitted	19.089588126705	11145.8777676476	0.99770398
Na 589.592	Na-R	n	48.76379815	48.76379815	mg/L	565525.67068585	0.81579478	1.67295169	9425.85627767	1.67	19.04232273	Y-R (371.029 nm)	Linear	1.00000	Fitted	2238.9107726026	11554.2002324052	47.83622548
Ni 231.604	Ni	n	0.94999479	0.94999479	mg/L	26220.33767490	0.00393688	0.41441107	107.94138800	0.41	3.44177854	Y (371.029 nm)	Linear	0.99998	Off-Peak Left+Right	187.372425032713	27417.9784110399	0.95329960
P 177.434	P	nQ	10.04522489	10.04522489	mg/L	2273.81908013	0.04278283	0.42590213	9.66176765	0.42		Y (371.029 nm)	Linear	1.00000	Fitted	5.26224648069594	225.832848686858	10.09162451
Pb 220.353	Pb	n	1.01342358	1.01342358	mg/L	9253.12413208	0.00609526	0.60145266	54.63825291	0.59	25.09022586	Y (371.029 nm)	Linear	0.99996	Off-Peak Right	171.026977801425	8964.05158812345	1.01951129
S 181.972	S	nQ	6.13339626	6.13339626	mg/L	9352.61672654	0.05158259	0.84101178	77.54463671	0.83		Y (371.029 nm)	Linear	1.00000	Fitted	129.948723818944	1503.31039459955	6.18600850
Sb 206.834	Sb	n	1.01835182	1.01835182	mg/L	4067.73551798	0.00473735	0.46519766	19.07086676	0.47	6.03486237	Y (371.029 nm)	Linear	0.99998	Off-Peak Right	-34.5571991267422	4025.64125642531	1.01732827
Se 196.026	Se	n	1.01500619	1.01500619	mg/L	4224.66233223	0.00861745	0.84900509	35.59434946	0.84	2.29875901	Y (371.029 nm)	Linear	0.99990	Fitted	32.7303760974339	4130.49472280005	1.02070793
Si 251.611	Si	nQ	5.59935158	5.59935158	mg/L	50137.08981032	0.14422001	2.57565558	1288.92559345	2.57		Y (371.029 nm)	Linear	1.00000	Fitted	98.3187416870542	8937.21737151692	5.44971126
Sn 189.925	Sn	n	4.98278654	4.98278654	mg/L	62992.51964718	0.01235824	0.24801863	156.13592935	0.25	12.26165207	Y (371.029 nm)	Linear	0.99995	Fitted	39.5541885268555	12634.1568554032	4.99705481
Sr 421.552	Sr-R	n	0.96671483	0.96671483	mg/L	494332.02235974	0.01066689	1.10341594	5448.89717873	1.10	4.03830839	Y-R (371.029 nm)	Linear	0.99994	Fitted	208.594109201771	510823.627022499	0.95527674
Ti 334.941	Ti	n	1.03041925	1.03041925	mg/L	387208.54999382	0.00484684	0.47037559	1820.42652422	0.47	3.40632998	Y (371.029 nm)	Linear	0.99999	Fitted	220.002205964814	375590.339424497	1.03501888
Tl 190.794	Tl	n	0.99051572	0.99051572	mg/L	3860.70087714	0.00438477	0.44267571	17.08075824	0.44	10.21151594	Y (371.029 nm)	Linear	0.99992	Fitted	1.31691436736463	3895.47190652993	0.98861250
V 292.401	V	n	1.01621880	1.01621880	mg/L	41316.35915377	0.00197438	0.19428672	80.23784226	0.19	2.55424749	Y (371.029 nm)	Linear	1.00000	Off-Peak Left+Right	17.8006478267166	40639.5511768207	1.01769055
Zn 206.200	Zn	n	0.97341057	0.97341057	mg/L	63735.85841491	0.00301256	0.30948541	197.53284067	0.31	7.02046350	Y (371.029 nm)	Linear	0.99960	Fitted	97.9001412786361	65569.6812260482	0.97171721
Y 371.029	Y		0.97	0.97	Ratio	648015.14	0.01	1.17	7549.52	1.17		-	-	-	Fitted	-	-	0.96
Y 371.029	Y-R		1.07	1.07	Ratio	167076.44	0.02	1.66	2775.51	1.66		-	-	-	Fitted	-	-	1.09

ENTHALPY INSTRUMENT BLANK FOR 489010 METALS Wipe

EPA 6010B

Inst:	MET09			IDF:	1.0
Seqnum:	673297193234	File:	icp data	Time:	25-JUL-2023 21:31
Cal:	673297193001	Caldate:	25-JUL-2023		

Analyte	Ch	Quant	IQL	LOD	Units	Flags
Lead	A	ND	0.003333	---	mg/L	

ISTD (ICALBLK 001)	Ch	ICALBLK Abund	Abund	%Drift
Yttrium	A	666361	663814	-0.38
Yttrium	R	155962	173336	11.14

Instrument ID: MET09

Label: CCB | **Rack:Tube:** S1:1 | **Type:** QC
Date Time: 7/25/2023 9:31:12 PM | **Weight:** - | **Volume:** -
Dilution: - | **%RSE limit:** - | **Calibration Coefficient [3]:** -
LIMSID: | **Customer:** | **Customer Ref.:**
Sample Date Time: | **Sample Site:** | **Description:**
Replicates: 3

Element	Element Label	Flags	Unadjusted Data	Concentration	Unit	Intensity	Concentration SD	Concentration % RSD	Intensity SD	Intensity %RSD	%RSE	Internal Standard	Calibration fit	Correlation coefficient	Background correction	Calibration Coefficient [1]	Calibration Coefficient [2]	Concentration Replicate 1	Co Re
Ag 328.068	Ag	nu	-0.00016246	-0.00016246	mg/L	558.26661918	0.00042241	260.00975767	37.04101037	6.64		Y (371.029 nm)	Linear	1.00000	Fitted	572.502077445868	87689.9995285448	0.00016225	-0.
Al 396.152	Al	n	0.00193036	0.00193036	mg/L	1280.68189131	0.00148017	76.67847154	57.61269599	4.50	15.39233378	Y (371.029 nm)	Linear	0.99998	Fitted	1205.56470480183	38922.9696497508	0.00328585	0.(
As 188.980	As	nu	0.00007426	0.00007426	mg/L	37.99125058	0.00080969	1090.27289907	4.43352515	11.67	2.71184674	Y (371.029 nm)	Linear	0.99996	Fitted	37.5874680560493	5475.60572556616	0.00058115	0.(
B 249.678	B	nu	-0.00209736	-0.00209736	mg/L	280.33315180	0.00009203	4.38805257	3.30803644	1.18	4.67623197	Y (371.029 nm)	Linear	1.00000	Fitted	355.723406422493	35943.960009001	-0.00216588	-0.
Ba 230.424	Ba	nu	-0.00019718	-0.00019718	mg/L	304.36156211	0.00023295	118.14042266	19.35266751	6.36	2.99500977	Y (371.029 nm)	Linear	0.99991	Fitted	320.944546456498	83076.8287015984	0.00007006	-0.
Be 313.107	Be	nu	0.00001078	0.00001078	mg/L	343.87862861	0.00001114	103.34846606	30.57034186	8.89	1.07961226	Y (371.029 nm)	Linear	1.00000	Fitted	314.299724647743	2744424.42090531	0.00001850	0.(
Ca 317.933	Ca-R	nu	-0.01673696	-0.01673696	mg/L	1504.11839547	0.00037951	2.26748683	6.02295439	0.40	22.37721428	Y-R (371.029 nm)	Linear	0.99999	Fitted	1769.7142084379	15870.4140866595	-0.01685291	-0.
Cd 214.439	Cd	n	0.00003196	0.00003196	mg/L	-19.14336505	0.00001493	46.72992453	3.23021301	16.87	5.62394238	Y (371.029 nm)	Linear	0.99972	Fitted	-26.0550294873418	216311.862822474	0.00003223	0.(
Co 230.786	Co	nu	-0.00021955	-0.00021955	mg/L	35.14271514	0.00038883	177.10043070	15.29200335	43.51	19.02338365	Y (371.029 nm)	Linear	0.99997	Fitted	43.7782215927577	39328.4199063949	0.00016164	-0.
Cr 267.716	Cr	nu	-0.00020230	-0.00020230	mg/L	5.45882483	0.00000956	4.72464511	0.69295771	12.69	5.55970103	Y (371.029 nm)	Linear	0.99997	Off-Peak Left+Right	20.1266331741009	72499.7904484812	-0.00021033	-0.
Cu 324.754	Cu	nZ	0.00410873	0.00410873	mg/L	768.64128272	0.00063141	15.36755648	27.67563711	3.60	21.24684838	Y (371.029 nm)	Linear	0.99992	Fitted	588.557197910467	43831.4262423811	0.00473530	0.(
Fe 259.940	Fe	n	0.00161105	0.00161105	mg/L	146.07282954	0.00026922	16.71083932	18.29913919	12.53	10.61972193	Y (371.029 nm)	Linear	0.99994	Off-Peak Left+Right	36.5546132684872	67970.91086477	0.00139280	0.(
K 766.491	K-R	n	0.02500821	0.02500821	mg/L	83.24719269	0.01251103	50.02769676	20.41361950	24.52	19.84138616	Y-R (371.029 nm)	Linear	1.00000	Fitted	42.4383366429514	1631.64927599152	0.03369450	0.(
Li 670.783	Li-R	nZ	0.00477122	0.00477122	mg/L	602.78083180	0.00039692	8.31909477	45.68960534	7.58	4.80931472	Y-R (371.029 nm)	Linear	1.00000	FACT	53.5763080571273	115109.694363644	0.00502818	0.(
Mg 279.800	Mg-R	nu	-0.00480141	-0.00480141	mg/L	98.35452740	0.00056053	11.67419889	1.55559170	1.58	3.53568227	Y-R (371.029 nm)	Linear	1.00000	Fitted	111.675602641401	2775.23376315608	-0.00543018	-0.
Mn 257.610	Mn	nu	-0.00028604	-0.00028604	mg/L	383.13810676	0.00001989	6.95244747	9.74347543	2.54	5.94072524	Y (371.029 nm)	Linear	0.99990	Fitted	523.246652406393	489952.927445074	-0.00029475	-0.
Mo 204.598	Mo	nu	0.00049473	0.00049473	mg/L	24.59992141	0.00098154	198.39962594	10.94010409	44.47	3.89152228	Y (371.029 nm)	Linear	1.00000	Fitted	19.089588126705	11145.8777676476	0.00009113	0.(
Na 589.592	Na-R	nu	-0.12192017	-0.12192017	mg/L	830.28639899	0.00429188	3.52023931	49.58925922	5.97	19.04232273	Y-R (371.029 nm)	Linear	1.00000	Fitted	2238.9107726026	11554.2002324052	-0.12148235	-0.
Ni 231.604	Ni	nu	-0.00005598	-0.00005598	mg/L	185.84119921	0.00026268	469.21329483	7.20224006	3.88	3.44177854	Y (371.029 nm)	Linear	0.99998	Off-Peak Left+Right	187.372425032713	27417.9784110399	-0.00013070	0.(
P 177.434	P	nu	-0.00997743	-0.00997743	mg/L	3.00896808	0.00706539	70.81371040	1.59559636	53.03		Y (371.029 nm)	Linear	1.00000	Fitted	5.26224648069594	225.832848686858	-0.00407885	-0.
Pb 220.353	Pb	nZu	-0.00494154	-0.00494154	mg/L	126.76799605	0.00150067	30.36848555	13.45208765	10.61	25.09022586	Y (371.029 nm)	Linear	0.99996	Off-Peak Right	171.026977801425	8964.05158812345	-0.00396710	-0.
S 181.972	S	nu	-0.00158579	-0.00158579	mg/L	127.56265440	0.00208354	131.38780980	3.13220630	2.46		Y (371.029 nm)	Linear	1.00000	Fitted	129.948723818944	1503.31039459955	-0.00040975	-0.
Sb 206.834	Sb	n	0.00093575	0.00093575	mg/L	-30.79030612	0.00042478	45.39514875	1.71002744	5.55	6.03486237	Y (371.029 nm)	Linear	0.99998	Off-Peak Right	-34.5571991267422	4025.64125642531	0.00103693	0.(
Se 196.026	Se	nu	-0.00248709	-0.00248709	mg/L	22.45761362	0.00170517	68.56098905	7.04321606	31.36	2.29875901	Y (371.029 nm)	Linear	0.99990	Fitted	32.7303760974339	4130.49472280005	-0.00445002	-0.
Si 251.611	Si	n	0.00429433	0.00429433	mg/L	136.69954872	0.00119774	27.89108933	10.70442934	7.83		Y (371.029 nm)	Linear	1.00000	Fitted	98.3187416870542	8937.21737151692	0.00294653	0.(
Sn 189.925	Sn	nu	0.00036903	0.00036903	mg/L	44.21724120	0.00045393	123.00592351	5.73499060	12.97	12.26165207	Y (371.029 nm)	Linear	0.99995	Fitted	39.5541885268555	12634.1568554032	-0.00013876	0.(
Sr 421.552	Sr-R	nu	-0.00031375	-0.00031375	mg/L	48.04985884	0.00000623	1.98416744	3.18001473	6.62	4.03830839	Y-R (371.029 nm)	Linear	0.99994	Fitted	208.594109201771	510823.627022499	-0.00032072	-0.
Ti 334.941	Ti	n	0.00071762	0.00071762	mg/L	489.54427714	0.00039642	55.24074435	148.89022427	30.41	3.40632998	Y (371.029 nm)	Linear	0.99999	Fitted	220.002205964814	375590.339424497	0.00026114	0.(
Tl 190.794	Tl	n	0.00150296	0.00150296	mg/L	7.17096349	0.00067501	44.91230556	2.62948982	36.67	10.21151594	Y (371.029 nm)	Linear	0.99992	Fitted	1.31691436736463	3895.47190652993	0.00116418	0.(
V 292.401	V	nu	-0.00016242	-0.00016242	mg/L	11.20097865	0.00023319	143.57271915	9.47664714	84.61	2.55424749	Y (371.029 nm)	Linear	1.00000	Off-Peak Left+Right	17.8006478267166	40639.5511768207	-0.00015352	0.(
Zn 206.200	Zn	n	0.00099356	0.00099356	mg/L	163.17044241	0.00008577	8.63290928	5.62411472	3.45	7.02046350	Y (371.029 nm)	Linear	0.99960	Fitted	97.9001412786361	65569.6812260482	0.00103921	0.(
Y 371.029	Y		1.00	1.00	Ratio	663814.33	0.01	1.07	7129.69	1.07		-	-	-	Fitted	-	-	0.98	1.(
Y 371.029	Y-R		1.11	1.11	Ratio	173335.74	0.01	0.56	964.17	0.56		-	-	-	Fitted	-	-	1.12	1.1

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

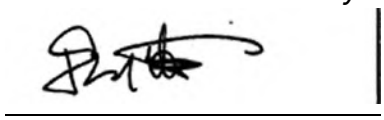
Lab Job Number: 489059
Report Level: II
Report Date: 08/01/2023

Analytical Report *prepared for:*

Austin Moore
Rincon Consultants
449 15th Street
#303
Oakland, CA 94612

Project: 20-10491 - Hangar 1 NTCRA

Authorized for release by:



John Goyette, Service Center Manager
(510) 204-2233 Ext 13112
john.goyette@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105

ENTHALPY ANALYTICAL

Sample Summary

Austin Moore
Rincon Consultants
449 15th Street
#303
Oakland, CA 94612

Lab Job #:	489059
Project No:	20-10491
Location:	Hangar 1 NTCRA
Date Received:	07/24/23

Sample ID	Lab ID	Collected	Matrix
AFRAME-C7W-LAT-L3-UP-C7.6-HS-230724-P-LA	489059-001	07/24/23 10:05	Wipe
AFRAME-C7W-LAT-L3-UP-C7.6-HS-230724-L-LA	489059-002	07/24/23 10:05	Wipe
AFRAME-C6W-LAT-L3-INT-0 TO1-230724-P-WF	489059-003	07/24/23 10:20	Wipe
AFRAME-C6W-LAT-L3-INT-0 TO1-230724-L-WF	489059-004	07/24/23 10:20	Wipe
AFRAME-C6W-MED-L3-DN-C6.2-DG-230724-P-LA	489059-005	07/24/23 10:30	Wipe
AFRAME-C6W-MED-L3-DN-C6.2-DG-230724-L-LA	489059-006	07/24/23 10:30	Wipe
AFRAME-C7W-MED-L3-INT-0 TO 1-230724-P-WF	489059-007	07/24/23 10:45	Wipe
AFRAME-C7W-MED-L3-INT-0 TO 1-230724-L-WF	489059-008	07/24/23 10:45	Wipe
AFRAME-C7W-LAT-L3-DN-C7W-DG-230724-P-LA	489059-009	07/24/23 13:40	Wipe
AFRAME-C7W-LAT-L3-DN-C7W-DG-230724-L-LA	489059-010	07/24/23 13:40	Wipe
AFRAME-C7W-MED-L3-DN-C7.5-DG-230724-P-LA	489059-011	07/24/23 13:25	Wipe
AFRAME-C7W-MED-L3-DN-C7.5-DG-230724-P-DUP-LA	489059-012	07/24/23 13:25	Wipe
AFRAME-C7W-MED-L3-DN-C7.5-DG-230724-L-LA	489059-013	07/24/23 13:25	Wipe

ENTHALPY ANALYTICAL

Sample Summary

Austin Moore
Rincon Consultants
449 15th Street
#303
Oakland, CA 94612

Lab Job #:	489059
Project No:	20-10491
Location:	Hangar 1 NTCRA
Date Received:	07/24/23

Sample ID	Lab ID	Collected	Matrix
AFRAME-C6W-MED-L2-EXT-0 TO 1-230724-P-WF	489059-014	07/24/23 14:00	Wipe
AFRAME-C6W-MED-L2-EXT-0 TO 1-230724-L-WF	489059-015	07/24/23 14:00	Wipe
AFRAME-C6W-MED-L2-INT-0.5 TO 1-230724-P-FB	489059-016	07/24/23 14:10	Wipe
AFRAME-C6W-MED-L2-INT-0.5 TO 1-230724-L-FB	489059-017	07/24/23 14:10	Wipe
AFRAME-C6W-MED-L2-UP-C6.6-DG-230724-P-LA	489059-018	07/24/23 14:20	Wipe
AFRAME-C6W-MED-L2-UP-C6.6-DG-230724-P-DUP-LA	489059-019	07/24/23 14:20	Wipe
AFRAME-C6W-MED-L2-UP-C6.6-DG-230724-L-LA	489059-020	07/24/23 14:20	Wipe
AFRAME-C7W-LAT-L2-INT-0.5 TO 1-230724-P-FB	489059-021	07/24/23 14:35	Wipe
AFRAME-C7W-LAT-L2-INT-0.5 TO 1-230724-L-FB	489059-022	07/24/23 14:35	Wipe
AFRAME-C7W-LAT-L2-EXT-0 TO 1-230724-P-WF	489059-023	07/24/23 14:45	Wipe
AFRAME-C7W-LAT-L2-EXT-0 TO 1-230724-L-WF	489059-024	07/24/23 14:45	Wipe
AFRAME-C7W-LAT-L2-EXT-0 TO 1-230724-L-DUP-WF	489059-025	07/24/23 14:45	Wipe
AFRAME-C6W-LAT-L1-HS-3-230724-P-A	489059-026	07/24/23 13:40	Wipe
AFRAME-C6W-LAT-L1-HS-3-230724-L-A	489059-027	07/24/23 13:40	Wipe

ENTHALPY ANALYTICAL

Sample Summary

Austin Moore
Rincon Consultants
449 15th Street
#303
Oakland, CA 94612

Lab Job #:	489059
Project No:	20-10491
Location:	Hangar 1 NTCRA
Date Received:	07/24/23

Sample ID	Lab ID	Collected	Matrix
AFRAME-C6W-LAT-L1-HS-3-230724-L-DUP-A	489059-028	07/24/23 13:40	Wipe
AFRAME-C6W-LAT-L1-UP-C6.1-VS-230724-P-I	489059-029	07/24/23 13:50	Wipe
AFRAME-C6W-LAT-L1-UP-C6.1-VS-230724-L-I	489059-030	07/24/23 13:50	Wipe
AFRAME-C6W-MED-L1-UP-C6.1-DG-230724-P-SS	489059-031	07/24/23 14:00	Wipe
AFRAME-C6W-MED-L1-UP-C6.1-DG-230724-L-SS	489059-032	07/24/23 14:00	Wipe
AFRAME-C6W-MED-L1-UP-C6.6-DG-230724-P-SS	489059-033	07/24/23 14:15	Wipe
AFRAME-C6W-MED-L1-UP-C6.6-DG-230724-L-SS	489059-034	07/24/23 14:15	Wipe
AFRAME-C6W-MED-L1-UP-C6.6-DG-230724-L-DUP-SS	489059-035	07/24/23 14:15	Wipe
AFRAME-C7W-LAT-L1-HS-3-230724-P-A	489059-036	07/24/23 14:30	Wipe
AFRAME-C7W-LAT-L1-HS-3-230724-L-A	489059-037	07/24/23 14:30	Wipe
AFRAME-C7W-LAT-L1-UP-C7.7-VS-230724-P-I	489059-038	07/24/23 14:45	Wipe
AFRAME-C7W-LAT-L1-UP-C7.7-VS-230724-L-I	489059-039	07/24/23 14:45	Wipe
AFRAME-C7W-MED-L1-UP-C7.6-DG-230724-P-SS	489059-040	07/24/23 15:00	Wipe
AFRAME-C7W-MED-L1-UP-C7.6-DG-230724-L-SS	489059-041	07/24/23 15:00	Wipe

ENTHALPY ANALYTICAL

Sample Summary

Austin Moore
Rincon Consultants
449 15th Street
#303
Oakland, CA 94612

Lab Job #:	489059
Project No:	20-10491
Location:	Hangar 1 NTCRA
Date Received:	07/24/23

Sample ID	Lab ID	Collected	Matrix
230724-P-FB1	489059-042	07/24/23 08:11	Wipe
230724-L-FB1	489059-043	07/24/23 08:11	Wipe
230724-L-MEDBLANK1	489059-044	07/24/23 12:58	Wipe
230724-P-FB2	489059-045	07/24/23 13:30	Wipe
230724-L-FB2	489059-046	07/24/23 13:30	Wipe
230724-L-MEDBLANK2	489059-047	07/24/23 13:00	Wipe

Case Narrative

Rincon Consultants 449 15th Street #303 Oakland, CA 94612 Austin Moore	Lab Job Number: 489059 Project No: 20-10491 Location: Hangar 1 NTCRA Date Received: 07/24/23

This data package contains sample and QC results for forty seven wipe samples, requested for the above referenced project on 07/25/23. The samples were received cold and intact.

PCBs (EPA 8082):
No analytical problems were encountered.

Metals (EPA 6010B):

- A marginal exceedance for lead was observed in an interference check standard, however there are no relevant interferences present in the samples or QC. Results are flagged "b" but there is no impact on the reported data.
- No analytical problems were encountered.

489059

ENTHALPY ANALYTICAL

Chain of Custody Record COC ID:

Page: 1 of 765

Turn Around Time (rush by advanced notice only)

Standard:	X (PCBs)	5 Day:		3 Day:	
2 Day:		1 Day:	X (Pb)	Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Report: Level II data validation

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants, Inc.	Quote.#:	RIN031721
Report To:	Lindsay Parker	Proj. Name:	Hanger 1 - NCTRA WP
Email:	lparker@rinconconsultants.com	Proj. #:	20-10491
Address:	449 15th Street, Suite 303	P.O. #:	
	Oakland, California 94612	Address:	158 Cody Road, Mountain View, CA
Phone:	(651) 890-9556	Global ID:	
Fax:		Sampled By:	M. Kim

Test Instructions / Comments

Confirmation Wipe Samples - Level II Report/Stage 2A Validation

Report PCB concentrations on a µg/100cm2 basis

Report lead concentrations on a µg/ft2 basis

Report Aroclor 1268 concentrations in addition to the standard Aroclors

Wipe samples collected from Zone 4 Enclosure C/D (High Occupancy)

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	PCBs - EPA Method 8082	Lead - EPA Method 3050/6010B	HOLD
1	AFRAME-C7W-LAT-L3-UP-C7.6-HS-230724-P-LA	7/24/2023	1005	WP	1	–	X		
2	AFRAME-C7W-LAT-L3-UP-C7.6-HS-230724-L-LA	7/24/2023	1005	WP	1	–		X	
3	AFRAME-C6W-LAT-L3-INT-0 TO 1-230724-P-WF	7/24/2023	1020	WP	1	–	X		
4	AFRAME-C6W-LAT-L3-INT-0 TO 1-230724-L-WF	7/24/2023	1020	WP	1	–		X	
5	AFRAME-C6W-MED-L3-DN-C6.2-DG-230724-P-LA	7/24/2023	1030	WP	1	–	X		
6	AFRAME-C6W-MED-L3-DN-C6.2-DG-230724-L-LA	7/24/2023	1030	WP	1	–		X	
7	AFRAME-C7W-MED-L3-~~EXT~~INT-0 TO 1-230724-P-WF	7/24/2023	1045	WP	1	–	X		
8	AFRAME-C7W-MED-L3-~~EXT~~INT-0 TO 1-230724-L-WF	7/24/2023	1046	WP	1	–		X	
9	AFRAME-C7W-LAT-L3-DN-C7W-DG-230724-P-LA	7/24/2023	1340	WP	1	–	X		
10	AFRAME-C7W-LAT-L3-DN-C7W-DG-230724-L-LA	7/24/2023	1340	WP	1	–		X	
11	AFRAME-C7W-MED-L3-DN-C7.5-DG-230724-P-LA	7/24/2023	1325	WP	1	–	X		
12	AFRAME-C7W-MED-L3-DN-C7.5-DG-230724-P-DUP-LA	7/24/2023	1325	WP	1	–	X		
13	AFRAME-C7W-MED-L3-DN-C7.5-DG-230724-L-LA	7/24/2023	1325	WP	1	–		X	
14	AFRAME-C6W-MED-L2-EXT-0 TO 1-230724-P-WF	7/24/2023	1400	WP	1	–	X		
15	AFRAME-C6W-MED-L2-EXT-0 TO 1-230724-L-WF	7/24/2023	1400	WP	1	–		X	

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Michaela Lehr	Rincon/Env Scientist	7/24 @1723
1 Received By:		Amina Khan	PM	7/24 1727
2 Relinquished By:			EA	7-24-23 18:56
2 Received By:				7/25/23 1000
3 Relinquished By:				
3 Received By:				

489059

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Chain of Custody Record — COC ID:

Page: 2 of 765

Turn Around Time (rush by advanced notice only)

Standard:	X (PCBs)	5 Day:		3 Day:	
2 Day:		1 Day:	X (Pb)	Custom TAT:	

Enthalpy Analytical - Orange

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Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Report: Level II data validation

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants, Inc.	Quote #:	RIN031721
Report To:	Lindsay Parker	Proj. Name:	Hangar 1 - NCTRA WP
Email:	lparker@rinconconsultants.com	Proj. #:	20-10491
Address:	449 15th Street, Suite 303	P.O. #:	
	Oakland, California 94612	Address:	158 Cody Road, Mountain View, CA
Phone:	(651) 890-9556	Global ID:	
Fax:		Sampled By:	M. Kim

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	PCBs - EPA Method 8082	Lead - EPA Method 3050/6010B	HOLD	Test Instructions / Comments
16	AFRAME-C6W-MED-L2-INT-0.5 TO 1-230724-P-FB	7/24/2023	1410	WP	1	–	X			
17	AFRAME-C6W-MED-L2-INT-0.5 TO 1-230724-L-FB	7/24/2023	1410	WP	1	–		X		
18	AFRAME-C6W-MED-L2-UP-C6.6-DG-230724-P- LA	7/24/2023	1426	WP	1	–	X			
19	AFRAME-C6W-MED-L2-UP-C6.6-DG-230724-P-DUP- LA	7/24/2023	1420	WP	1	–	X			
20	AFRAME-C6W-MED-L2-UP-C6.6-DG-230724-L- LA	7/24/2023	1420	WP	1	–		X		
21	~~AFRAME-C7W-MED-L2-HS-1-230724-P-~~	~~7/24/2023~~		~~WP~~	~~1~~	~~–~~	X			TS
22	~~AFRAME-C7W-MED-L2-HS-1-230724-L-~~	~~7/24/2023~~		~~WP~~	1	–		X		TS
23	AFRAME-C7W-LAT-L2-INT-0.5 TO 1-230724-P- FB	7/24/2023	1435	WP	1	–	X			
24	AFRAME-C7W-LAT-L2-INT-0.5 TO 1-230724-L- FB	7/24/2023	1435	WP	1	–		X		
25	AFRAME-C7W-LAT-L2-EXT-0 TO 1-230724-P- WF	7/24/2023	1445	WP	1	–	X			
26	AFRAME-C7W-LAT-L2-EXT-0 TO 1-230724-L- WF	7/24/2023	1445	WP	1	–		X		
27	AFRAME-C7W-LAT-L2-EXT-0 TO 1-230724-L-DUP- WF	7/24/2023	1445	WP	1	–		X		
28	~~AFRAME-C7W-LAT-L2-UP-C7.1-VS-230724-P-~~	~~7/24/2023~~		~~WP~~	~~1~~	~~–~~	X			TS
29	~~AFRAME-C7W-LAT-L2-UP-C7.1-VS-230724-L-~~	~~7/24/2023~~		~~WP~~	~~1~~			X		TS
30	~~AFRAME-C7W-MED-L2-UP-C7.2-DG-230724-P-~~	~~7/24/2023~~		~~WP~~	~~1~~	–	X			TS

Analysis Request

Test Instructions / Comments

Confirmation Wipe Samples - Level II Report/Stage 2A Validation

Report PCB concentrations on a µg/100cm2 basis

Report lead concentrations on a µg/ft2 basis

Report Aroclor 1268 concentrations in addition to the standard Aroclors

Wipe samples collected from Zone 4 Enclosure C/D (High Occupancy)

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Michael Kim	Rincon/Env Scientist	7/24 @ 1723
[1] Received By:		Roxanne Li [illegible]	RS	7/24 17:23
[2] Relinquished By:		Amina Plant	EA	7.24.23 1856
[2] Received By:		Foown	LM	7/25/23 1000
[3] Relinquished By:				
[3] Received By:				

489059

ENTHALPY ANALYTICAL

Chain of Custody Record

COC ID:

Page: 43 of 165

Turn Around Time (rush by advanced notice only)

Standard:	X (PCBs)	5 Day:		3 Day:	
2 Day:		1 Day:	X (Pb)	Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Report: Level II data validation

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants, Inc.	Quote #:	RIN031721
Report To:	Lindsay Parker	Proj. Name:	Hangar 1 - NCTRA WP
Email:	lparker@rinconconsultants.com	Proj. #:	20-10491
Address:	449 15th Street, Suite 303	P.O. #:	
	Oakland, California 94612	Address:	158 Cody Road, Mountain View, CA
Phone:	(651) 890-9556	Global ID:	
Fax:		Sampled By:	J. Sinnott

Test Instructions / Comments

Confirmation Wipe Samples - Level II Report/Stage 2A Validation

Report PCB concentrations on a µg/100cm2 basis

Report lead concentrations on a µg/ft2 basis

Report Aroclor 1268 concentrations in addition to the standard Aroclors

~~Wipe samples collected from Zone 4 Enclosure C/D~~ (High Occupancy)

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	PCBs - EPA Method 8082	Lead - EPA Method 3050/6010B	HOLD
46	~~AFRAME-C6W-MED-L1-HS-3-230724-L-A~~	~~7/24/2023~~		WP	1	–		X	
47	AFRAME-C6W-LAT-L1-HS-3-230724-P-A	7/24/2023	1340	WP	1	–	X		
48	AFRAME-C6W-LAT-L1-HS-3-230724-L-A	7/24/2023	1340	WP	1	–		X	
49	AFRAME-C6W-LAT-L1-HS-3-230724-L-DUP-A	7/24/2023	1340	WP	1	–		X	
50	AFRAME-C6W-LAT-L1-UP-C6.1-VS-230724-P-I	7/24/2023	1350	WP	1	–	X		
51	AFRAME-C6W-LAT-L1-UP-C6.1-VS-230724-L-I	7/24/2023	1350	WP	1	–		X	
52	AFRAME-C6W-MED-L1-UP-C6.1-DG-230724-P-SS	7/24/2023	1400	WP	1	–	X		
53	AFRAME-C6W-MED-L1-UP-C6.1-DG-230724-L-SS	7/24/2023	1400	WP	1	–		X	
54	AFRAME-C6W-MED-L1-UP-C6.6-DG-230724-P-SS	7/24/2023	1415	WP	1	–	X		
55	AFRAME-C6W-MED-L1-UP-C6.6-DG-230724-L-SS	7/24/2023	1415	WP	1	–		X	
56	AFRAME-C6W-MED-L1-UP-C6.6-DG-230724-L-DUP-SS	7/24/2023	1415	WP	1	–		X	
57	AFRAME-C7W-LAT-L1-HS-3-230724-P-A	7/24/2023	1430	WP	1	–	X		
58	AFRAME-C7W-LAT-L1-HS-3-230724-L-A	7/24/2023	1430	WP	1	–		X	
59	AFRAME-C7W-LAT-L1-UP-C7.7-VS-230724-P-I	7/24/2023	1445	WP	1	–	X		
60	AFRAME-C7W-LAT-L1-UP-C7.7-VS-230724-L-I	7/24/2023	1445	WP	1	–		X	

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Michaela Kim	Rincon/ ENV Scientist	7/24 @ 1723
[1] Received By:		Rincon Courier	BA	7/24 17:23
[2] Relinquished By:		Amber Hunt	EH	7-24-23 1856
[2] Received By:		FedEx	CA	7/25/23 1000
[3] Relinquished By:				
[3] Received By:				

489055

ENTHALPY ANALYTICAL

Chain of Custody Record

COC ID:

Page: 54 of 765

Turn Around Time (rush by advanced notice only)

Standard:	X (PCBs)	5 Day:		3 Day:	
2 Day:		1 Day:	X (Pb)	Custom TAT:	

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Report: Level II data validation

Sample Receipt Temp: (lab use only)

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants, Inc.	Quote #:	RIN031721
Report To:	Lindsay Parker	Proj. Name:	Hangar 1 - NCTRA WP
Email:	lparker@rinconconsultants.com	Proj. #:	20-10491
Address:	449 15th Street, Suite 303	P.O. #:	
	Oakland, California 94612	Address:	158 Cody Road, Mountain View, CA
Phone:	(651) 890-9556	Global ID:	
Fax:		Sampled By:	J. Sinnott

Analysis Request

Test Instructions / Comments

Confirmation Wipe Samples - Level II Report/Stage 2A Validation

Report PCB concentrations on a µg/100cm2 basis

Report lead concentrations on a µg/ft2 basis

Report Aroclor 1268 concentrations in addition to the standard Aroclors

Wipe samples collected from Zone 4 Enclosure C/D (High Occupancy)

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	PCBs - EPA Method 8082	Lead - EPA Method 3050/6010B	HOLD	
61	AFRAME-C7W-MED-L1-UP-C7.6-DG-230724-P-SS	7/24/2023	1500	WP	1	–	X			
62	AFRAME-C7W-MED-L1-UP-C7.6-DG-230724-L-SS	7/24/2023	1500	WP	1	–		X		
63	AFRAME-C6W-LAT-L1-EXT-1 TO 2-230724-P-	7/24/2023		WP	1		X			TS
64	AFRAME-C6W-LAT-L1-EXT-1 TO 2-230724-L-	7/24/2023		WP	1	–		X		TS
65	AFRAME-C6W-MED-L1-INT-1 TO 2-230724-P-	7/24/2023		WP	1	–	X			TS
66	AFRAME-C6W-MED-L1-INT-1 TO 2-230724-L-	7/24/2023		WP	1	–		X		TS
67	AFRAME-C6W-LAT-L1-UP-C6.7-HS-230724-P-	7/24/2023		WP	1		X			TS
68	AFRAME-C6W-LAT-L1-UP-C6.7-HS-230724-L-	7/24/2023		WP	1	–		X		TS
69	AFRAME-C7W-LAT-L1-INT-1 TO 2-230724-P-	7/24/2023		WP	1		X			TS
70	AFRAME-C7W-LAT-L1-INT-1 TO 2-230724-L-	7/24/2023		WP	1	–		X		TS
71	AFRAME-C7W-LAT-L1-UP-C7W-HS-230724-P-	7/24/2023		WP	1		X			TS
72	AFRAME-C7W-LAT-L1-UP-C7W-HS-230724-L-	7/24/2023		WP	1			X		TS
73	AFRAME-C6W-MED-L1-EXT-0 TO 1-230724-P-	7/24/2023		WP	1	–	X			TS
74	AFRAME-C6W-MED-L1-EXT-0 TO 1-230724-L-	7/24/2023		WP	1	–		X		TS
75	AFRAME-C6W-MED-L1-DN-C6.7W-DG-230724-P-	7/24/2023		WP	1		X			

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Michaela Kim	Rincon/Env Scientist	7/24/2023
[1] Received By:		Jessica Hart	RA	7/24 17:27
[2] Relinquished By:		FPDcwn	EA	7-24-23 1856
[2] Received By:			EA	7/25/25 1000
[3] Relinquished By:				
[3] Received By:				

489059

ENTHALPY ANALYTICAL

Chain of Custody Record COC ID:

Page: 85 of 765

Turn Around Time (rush by advanced notice only)

Standard:	X (PCBs)	5 Day:		3 Day:	
2 Day:		1 Day:	X (Pb)	Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Report: Level II data validation

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants, Inc.	Quote #:	RIN031721
Report To:	Lindsay Parker	Proj. Name:	Hangar 1 - NCTRA WP
Email:	lparker@rinconconsultants.com	Proj. #:	20-10491
Address:	449 15th Street, Suite 303	P.O. #:	
	Oakland, California 94612	Address:	158 Cody Road, Mountain View, CA
Phone:	(651) 890-9556	Global ID:	
Fax:		Sampled By:	M. Kim + T. Sinnott

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	PCBs - EPA Method 8082	Lead - EPA Method 3050/6010B	HOLD	Test Instructions / Comments
76	~~AFRAME-C6W-MED-L1-DN-C6.7W-DG-230724-L-~~	~~7/24/2023~~		~~WP~~	~~1~~			~~X~~		~~TS~~
77	~~AFRAME-C7W-MED-L1-INT-0 TO 1-230724-P-~~	~~7/24/2023~~		~~WP~~	~~1~~	~~–~~	~~X~~			~~TS~~
78	AFRAME-C7W-MED-L1-INT-0 TO 1-230724-L-	7/24/2023		WP	1	–		X		TS
79	~~AFRAME-C7W-LAT-L1-EXT-0 TO 1-230724-P-~~	~~7/24/2023~~		~~WP~~	~~1~~	~~–~~	~~X~~			~~TS~~
80	~~AFRAME-C7W-LAT-L1-EXT-0 TO 1-230724-L-~~	~~7/24/2023~~		~~WP~~	~~1~~	~~–~~		~~X~~		~~TS~~
81	~~AFRAME-C7W-MED-L1-DN-C7W-DG-230724-P-~~	~~7/24/2023~~		~~WP~~	~~1~~	~~–~~	~~X~~			~~TS~~
82	~~AFRAME-C7W-MED-L1-DN-C7W-DG-230724-L-~~	~~7/24/2023~~		~~WP~~	~~1~~			~~X~~		~~TS~~
83	230724-P-FB1	7/24/2023	0811	WP	1	–	X			
84	230724-L-FB1	7/24/2023	0811	WP	1	–		X		
85	230724-L-MEDBLANK1	7/24/2023	1258	WP	1	–		X		
86	230724-P-FB2	7/24/2023	1330	WP	1	–	X			
87	230724-L-FB2	7/24/2023	1330	WP	1	–		X		
88	230724-L-MEDBLANK2	7/24/2023	1300	WP	1	–		X		
89	~~230724-P-FB3~~	~~7/24/2023~~		~~WP~~	~~1~~	~~–~~	~~X~~			~~TS~~
90	~~230724-L-FB3~~	~~7/24/2023~~		~~WP~~	~~1~~			~~X~~		~~TS~~

Test Instructions / Comments

Confirmation Wipe Samples - Level II Report/Stage 2A Validation

Report PCB concentrations on a µg/100cm2 basis

Report lead concentrations on a µg/ft2 basis

Report Aroclor 1268 concentrations in addition to the standard Aroclors

Wipe samples collected from Zone 4 Enclosure C/D (High Occupancy)

	Signature	Print Name	Company / Title	Date / Time
[1] Relinquished By:		Michaela Kim	Rincon/Env Scientist	7/24 @ 17:23
[1] Received By:		Amina Flora	RC	7/24 17:23
[2] Relinquished By:			EA	7-24-23 1856
[2] Received By:			ES	7/25/23 1000
[3] Relinquished By:				
[3] Received By:				

The below sample checklist was completed after delivery of samples by the laboratory provided courier or Rincon personnel to Enthalpy Analytical in Berkeley, CA, therefore no custody seals were applied to the cooler.

SAMPLE RECEIPT CHECKLIST

ENTHALPY

Section 1: General Info

Date Received: 7-24-23 Login # 489059 Client: RINCON

Section 2: Shipping / Custody

Shipping Info: _____

Are custody seals present? ☑ No ○ Yes If yes, where? ○ on cooler, ○ on samples, ○ on package

Custody seals intact on arrival? ☐ Yes ☐ No ☐ N/A Date: _____ # of seals _____ ☐ Signature ☐ Initials

Section 3: Condition / Packaging ***Important*: Notify PM if temperature exceeds 6°C or arrive frozen**

Date Opened 7-24-23 By (print) ABM (sign) [signature]

☑ Samples received on ice directly from the field. Cooling process had begun. (if checked, skip temperatures)

If no cooler: Sample Temp (°C): _____

How many coolers? _____ Temp (°C): #1:_____ #2:_____ #3:_____ #4:_____ #5:_____ #6: _____

Temperature measured using ○ Thermometer ID:_____, or IR Gun # ○ B ○ C

Type of ice used : ☑ Wet, ○ Blue/Gel, ○ None Temperature blank(s) included? ☐ Yes, ☐ No

Section 4: Containers / Labels / Samples	YES	NO	N/A
Were custody papers dry, filled out properly, and the project identifiable?	✓		
Were Method 5035 sampling containers present? Transferred to freezer @:		✓	
Did all containers arrive unbroken/unopened?	✓		
Are there any missing / extra samples?		✓	
Are samples in the appropriate containers for indicated tests?	✓		
Are sample labels present, in good condition and complete?	✓		
Does the container count match the COC?	✓		
Do the sample labels agree with custody papers?	✓		
Was sufficient amount of sample sent for tests requested?	✓		
Did you change the hold time in LIMS for unpreserved VOAs?			✓
Did you change the hold time in LIMS for preserved terracores?			✓
Are bubbles > 6mm present in VOA samples?			
Was the client contacted about this delivery? Contacted:_____ By:_____ Date:		✓	

Section 5: Preservatives	YES	NO	N/A
Are the samples appropriately preserved? (if yes, skip the rest of section 5)			
Did any samples / containers require preservation upon receipt?			
Did you document your preservative check in the bench book?			

Preservative added:

○ H2SO4 lot#	added to samples	Date/Time
○ HCL lot#	added to samples	Date/Time
○ HNO3 lot#	added to samples	Date/Time
○ CrVI Buffer lot#	added to samples	Date/Time

Section 6: Explanations / Comments

Date Logged 7-24-23 **By (print)** ABM Rev MM **(sign)** [signature]

Date Labeled 7-24-23 **By (print)** ABM **(sign)** [signature]

The below sample checklist was completed after the samples were shipped from the Enthalpy Analytical location in Berkeley, CA to the Enthalpy Analytical location in Orange, CA.

ENTHALPY ANALYTICAL

489058

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Rincon Consultants — Project: Hangar 1 NTCRA

Date Received: 07/25/23 — Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2) — Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 5.1 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: Southwest Airlines

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 2.7 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✔		
Are sample IDs present?	✔		
Are sampling dates & times present?	✔		
Is a relinquished signature present?	✔		
Are the tests required clearly indicated on the COC?	✔		
Are custody seals present?	✔		
If custody seals are present, were they intact?	✔		
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			✔
Did all samples arrive intact? If no, indicate in Section 4 below.	✔		
Did all bottle labels agree with COC? (ID, dates and times)	✔		
Were the samples collected in the correct containers for the required tests?	✔		
Are the containers labeled with the correct preservatives?			✔
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✔
Was a sufficient amount of sample submitted for the requested tests?	✔		

Section 5 Explanations/Comments

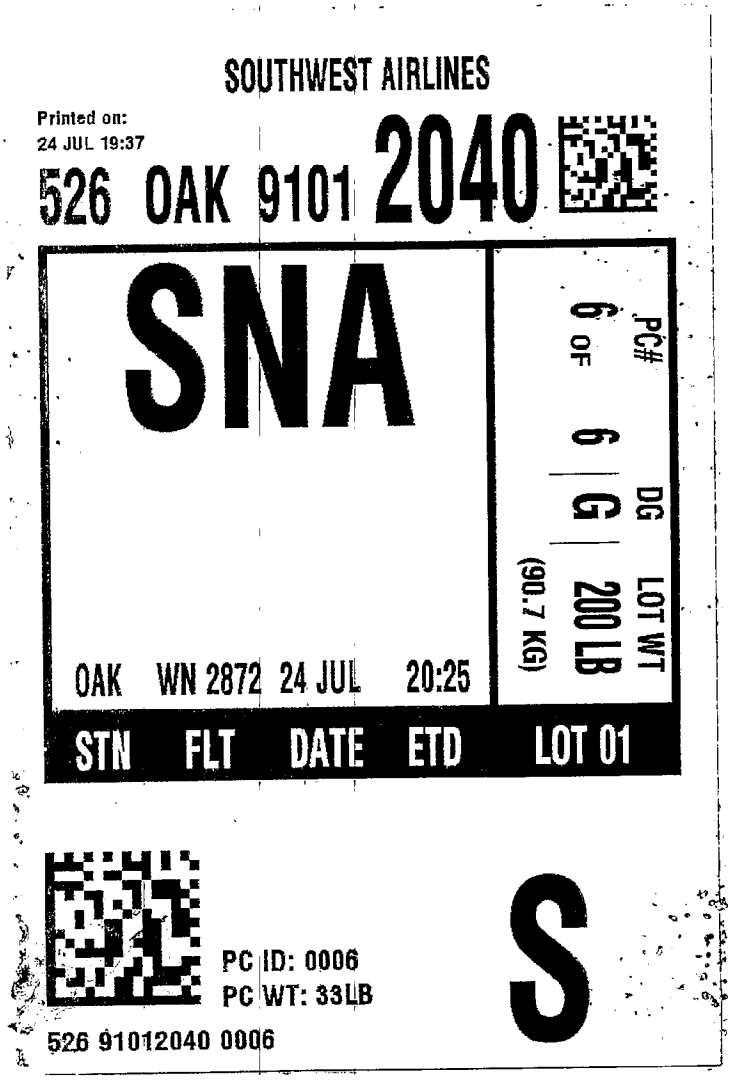
Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: JUL 25 2023


SOUTHWEST AIRLINES
Printed on:
24 JUL 19:37
526 OAK 9101 2040
SNA
PC#
6 OF 6
DG
G
LOT WT
200 LB
(90.7 KG)
OAK WN 2872 24 JUL 20:25
STN FLT DATE ETD LOT 01
PC ID: 0006
PC WT: 33LB
526 91012040 0006
S

2F / 5-1

Enthalpy Analytical - Orange Analytical Report

Lab #: 489059 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C7W-LAT-L3-UP-C7.6-HS-230724-P-LA **Batch#:** 318950 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 8082

Lab ID: 489059-001 **Received:** 07/24/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/26/23

DiIn Fac: 1.000 **Analyzed:** 07/27/23

489059-001 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489059-001 Surrogate	%REC	Limits
TCMX (PCB)	62	19-121
Decachlorobiphenyl (PCB)	71	19-121

Field ID: AFRAME-C6W-LAT-L3-INT-0 TO1-230724-P-WF **Batch#:** 318950 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 8082

Lab ID: 489059-003 **Received:** 07/24/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/26/23

DiIn Fac: 1.000 **Analyzed:** 07/27/23

489059-003 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489059-003 Surrogate	%REC	Limits
TCMX (PCB)	72	19-121
Decachlorobiphenyl (PCB)	82	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 489059 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C6W-MED-L3-DN-C6.2-DG-230724-P-LA **Batch#:** 318950 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 8082

Lab ID: 489059-005 **Received:** 07/24/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/26/23

DiIn Fac: 1.000 **Analyzed:** 07/27/23

489059-005 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489059-005 Surrogate	%REC	Limits
TCMX (PCB)	67	19-121
Decachlorobiphenyl (PCB)	73	19-121

Field ID: AFRAME-C7W-MED-L3-INT-0 TO 1-230724-P-WF **Batch#:** 318950 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 8082

Lab ID: 489059-007 **Received:** 07/24/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/26/23

DiIn Fac: 1.000 **Analyzed:** 07/27/23

489059-007 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489059-007 Surrogate	%REC	Limits
TCMX (PCB)	64	19-121
Decachlorobiphenyl (PCB)	73	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 489059 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C7W-LAT-L3-DN-C7W-DG-230724-P-LA **Batch#:** 318950 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 8082

Lab ID: 489059-009 **Received:** 07/24/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/26/23

DiIn Fac: 1.000 **Analyzed:** 07/27/23

489059-009 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489059-009 Surrogate	%REC	Limits
TCMX (PCB)	71	19-121
Decachlorobiphenyl (PCB)	80	19-121

Field ID: AFRAME-C7W-MED-L3-DN-C7.5-DG-230724-P-LA **Batch#:** 318975 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 8082

Lab ID: 489059-011 **Received:** 07/24/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/26/23

DiIn Fac: 1.000 **Analyzed:** 07/27/23

489059-011 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489059-011 Surrogate	%REC	Limits
TCMX (PCB)	71	19-121
Decachlorobiphenyl (PCB)	79	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 489059 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C7W-MED-L3-DN-C7.5-DG-230724-P-DUP-LA **Batch#:** 318975 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 8082

Lab ID: 489059-012 **Received:** 07/24/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/26/23

Diln Fac: 1.000 **Analyzed:** 07/27/23

489059-012 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489059-012 Surrogate	%REC	Limits
TCMX (PCB)	72	19-121
Decachlorobiphenyl (PCB)	78	19-121

Field ID: AFRAME-C6W-MED-L2-EXT-0 TO 1-230724-P-WF **Batch#:** 318975 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 8082

Lab ID: 489059-014 **Received:** 07/24/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/26/23

Diln Fac: 1.000 **Analyzed:** 07/27/23

489059-014 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489059-014 Surrogate	%REC	Limits
TCMX (PCB)	73	19-121
Decachlorobiphenyl (PCB)	79	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 489059 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C6W-MED-L2-INT-0.5 TO 1-230724-P-FB **Batch#:** 318975 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 8082

Lab ID: 489059-016 **Received:** 07/24/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/26/23

DiIn Fac: 1.000 **Analyzed:** 07/27/23

489059-016 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489059-016 Surrogate	%REC	Limits
TCMX (PCB)	71	19-121
Decachlorobiphenyl (PCB)	77	19-121

Field ID: AFRAME-C6W-MED-L2-UP-C6.6-DG-230724-P-LA **Batch#:** 318975 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 8082

Lab ID: 489059-018 **Received:** 07/24/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/26/23

DiIn Fac: 1.000 **Analyzed:** 07/27/23

489059-018 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489059-018 Surrogate	%REC	Limits
TCMX (PCB)	71	19-121
Decachlorobiphenyl (PCB)	76	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 489059 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C6W-MED-L2-UP-C6.6-DG-230724-P-DUP-LA **Batch#:** 318975 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 8082

Lab ID: 489059-019 **Received:** 07/24/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/26/23

Diln Fac: 1.000 **Analyzed:** 07/27/23

489059-019 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489059-019 Surrogate	%REC	Limits
TCMX (PCB)	72	19-121
Decachlorobiphenyl (PCB)	79	19-121

Field ID: AFRAME-C7W-LAT-L2-INT-0.5 TO 1-230724-P-FB **Batch#:** 318975 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 8082

Lab ID: 489059-021 **Received:** 07/24/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/26/23

Diln Fac: 1.000 **Analyzed:** 07/27/23

489059-021 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489059-021 Surrogate	%REC	Limits
TCMX (PCB)	76	19-121
Decachlorobiphenyl (PCB)	82	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 489059 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C7W-LAT-L2-EXT-0 TO 1-230724-P-WF **Batch#:** 318975 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 8082

Lab ID: 489059-023 **Received:** 07/24/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/26/23

DiIn Fac: 1.000 **Analyzed:** 07/27/23

489059-023 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489059-023 Surrogate	%REC	Limits
TCMX (PCB)	73	19-121
Decachlorobiphenyl (PCB)	79	19-121

Field ID: AFRAME-C6W-LAT-L1-HS-3-230724-P-A **Batch#:** 318975 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 8082

Lab ID: 489059-026 **Received:** 07/24/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/26/23

DiIn Fac: 1.000 **Analyzed:** 07/27/23

489059-026 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489059-026 Surrogate	%REC	Limits
TCMX (PCB)	76	19-121
Decachlorobiphenyl (PCB)	80	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 489059 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C6W-LAT-L1-UP-C6.1-VS-230724-P-I **Batch#:** 318975 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 8082

Lab ID: 489059-029 **Received:** 07/24/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/26/23

DiIn Fac: 1.000 **Analyzed:** 07/27/23

489059-029 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489059-029 Surrogate	%REC	Limits
TCMX (PCB)	74	19-121
Decachlorobiphenyl (PCB)	76	19-121

Field ID: AFRAME-C6W-MED-L1-UP-C6.1-DG-230724-P-SS **Batch#:** 318975 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 8082

Lab ID: 489059-031 **Received:** 07/24/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/26/23

DiIn Fac: 1.000 **Analyzed:** 07/27/23

489059-031 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489059-031 Surrogate	%REC	Limits
TCMX (PCB)	79	19-121
Decachlorobiphenyl (PCB)	84	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 489059 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C6W-MED-L1-UP-C6.6-DG-230724-P-SS **Batch#:** 318975 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 8082

Lab ID: 489059-033 **Received:** 07/24/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/26/23

DiIn Fac: 1.000 **Analyzed:** 07/27/23

489059-033 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489059-033 Surrogate	%REC	Limits
TCMX (PCB)	74	19-121
Decachlorobiphenyl (PCB)	80	19-121

Field ID: AFRAME-C7W-LAT-L1-HS-3-230724-P-A **Batch#:** 318975 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 8082

Lab ID: 489059-036 **Received:** 07/24/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/26/23

DiIn Fac: 1.000 **Analyzed:** 07/27/23

489059-036 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489059-036 Surrogate	%REC	Limits
TCMX (PCB)	75	19-121
Decachlorobiphenyl (PCB)	82	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 489059 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C7W-LAT-L1-UP-C7.7-VS-230724-P-I **Batch#:** 318975 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 8082

Lab ID: 489059-038 **Received:** 07/24/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/26/23

Diln Fac: 1.000 **Analyzed:** 07/27/23

489059-038 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489059-038 Surrogate	%REC	Limits
TCMX (PCB)	73	19-121
Decachlorobiphenyl (PCB)	78	19-121

Field ID: AFRAME-C7W-MED-L1-UP-C7.6-DG-230724-P-SS **Batch#:** 318975 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 8082

Lab ID: 489059-040 **Received:** 07/24/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/26/23

Diln Fac: 1.000 **Analyzed:** 07/27/23

489059-040 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489059-040 Surrogate	%REC	Limits
TCMX (PCB)	72	19-121
Decachlorobiphenyl (PCB)	78	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 489059 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: 230724-P-FB1 **Batch#:** 318975 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 8082

Lab ID: 489059-042 **Received:** 07/24/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/26/23

DiIn Fac: 1.000 **Analyzed:** 07/27/23

489059-042 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489059-042 Surrogate	%REC	Limits
TCMX (PCB)	74	19-121
Decachlorobiphenyl (PCB)	82	19-121

Field ID: 230724-P-FB2 **Batch#:** 318975 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 8082

Lab ID: 489059-045 **Received:** 07/24/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/26/23

DiIn Fac: 1.000 **Analyzed:** 07/27/23

489059-045 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489059-045 Surrogate	%REC	Limits
TCMX (PCB)	79	19-121
Decachlorobiphenyl (PCB)	83	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 489059 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Type: BLANK **Batch#:** 318950 **Analysis:** EPA 8082
Lab ID: QC1082407 **Prepared:** 07/26/23 **Analyst:** MES
Matrix: Wipe **Analyzed:** 07/26/23
Diln Fac: 1.000 **Prep:** EPA 3546

QC1082407 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

QC1082407 Surrogate	%REC	Limits
TCMX (PCB)	62	19-121
Decachlorobiphenyl (PCB)	62	19-121

Type: BLANK **Batch#:** 318975 **Analysis:** EPA 8082
Lab ID: QC1082537 **Prepared:** 07/26/23 **Analyst:** MES
Matrix: Wipe **Analyzed:** 07/27/23
Diln Fac: 1.000 **Prep:** EPA 3546

QC1082537 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

QC1082537 Surrogate	%REC	Limits
TCMX (PCB)	66	19-121
Decachlorobiphenyl (PCB)	73	19-121

Legend
ND: Not Detected
RL: Reporting Limit

Enthalpy Analytical - Orange Analytical Report: Batch QC

Lab #: 489059 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Type: BS **Batch#:** 318950 **Analysis:** EPA 8082

Lab ID: QC1082408 **Prepared:** 07/26/23 **Analyst:** MES

Matrix: Wipe **Analyzed:** 07/26/23

Diln Fac: 1.000 **Prep:** EPA 3546

QC1082408 Analyte	Spiked	Result	%REC	Limits	Units
Aroclor-1016	5.000	3.716	74	60-140	ug/100 cm2
Aroclor-1260	5.000	4.093	82	60-140	ug/100 cm2

QC1082408 Surrogate	%REC	Limits
TCMX (PCB)	69	19-121
Decachlorobiphenyl (PCB)	70	19-121

Type: BSD **Batch#:** 318950 **Analysis:** EPA 8082

Lab ID: QC1082409 **Prepared:** 07/26/23 **Analyst:** MES

Matrix: Wipe **Analyzed:** 07/26/23

Diln Fac: 1.000 **Prep:** EPA 3546

QC1082409 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
Aroclor-1016	5.000	4.272	85	60-140	ug/100 cm2	14	20
Aroclor-1260	5.000	4.654	93	60-140	ug/100 cm2	13	20

QC1082409 Surrogate	%REC	Limits
TCMX (PCB)	76	19-121
Decachlorobiphenyl (PCB)	79	19-121

Legend

RPD: Relative Percent Difference

Enthalpy Analytical - Orange Analytical Report: Batch QC

Lab #: 489059 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Type: BS **Batch#:** 318975 **Analysis:** EPA 8082

Lab ID: QC1082538 **Prepared:** 07/26/23 **Analyst:** MES

Matrix: Wipe **Analyzed:** 07/27/23

Diln Fac: 1.000 **Prep:** EPA 3546

QC1082538 Analyte	Spiked	Result	%REC	Limits	Units
Aroclor-1016	5.000	3.862	77	60-140	ug/100 cm2
Aroclor-1260	5.000	3.680	74	60-140	ug/100 cm2

QC1082538 Surrogate	%REC	Limits
TCMX (PCB)	67	19-121
Decachlorobiphenyl (PCB)	74	19-121

Type: BSD **Batch#:** 318975 **Analysis:** EPA 8082

Lab ID: QC1082539 **Prepared:** 07/26/23 **Analyst:** MES

Matrix: Wipe **Analyzed:** 07/27/23

Diln Fac: 1.000 **Prep:** EPA 3546

QC1082539 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
Aroclor-1016	5.000	4.153	83	60-140	ug/100 cm2	7	20
Aroclor-1260	5.000	4.161	83	60-140	ug/100 cm2	12	20

QC1082539 Surrogate	%REC	Limits
TCMX (PCB)	72	19-121
Decachlorobiphenyl (PCB)	82	19-121

Legend

RPD: Relative Percent Difference

ENTHALPY ANALYTICAL

Lead

Lab #: 489059 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C7W-LAT-L3-UP-C7.6-HS-230724-L-LA **Batch#:** 318867 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 6010B
Lab ID: 489059-002 **Received:** 07/24/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/25/23
Diln Fac: 1.000 **Analyzed:** 07/25/23

489059-002 Analyte	Result	RL	Units
Lead	**56**	0.50	ug/ft2

Field ID: AFRAME-C6W-LAT-L3-INT-0 TO1-230724-L-WF **Batch#:** 318867 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 6010B
Lab ID: 489059-004 **Received:** 07/24/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/25/23
Diln Fac: 1.000 **Analyzed:** 07/25/23

489059-004 Analyte	Result	RL	Units
Lead	**43**	0.50	ug/ft2

Field ID: AFRAME-C6W-MED-L3-DN-C6.2-DG-230724-L-LA **Batch#:** 318867 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 6010B
Lab ID: 489059-006 **Received:** 07/24/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/25/23
Diln Fac: 1.000 **Analyzed:** 07/25/23

489059-006 Analyte	Result	RL	Units
Lead	**89**	0.50	ug/ft2

Field ID: AFRAME-C7W-MED-L3-INT-0 TO 1-230724-L-WF **Batch#:** 318867 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 6010B
Lab ID: 489059-008 **Received:** 07/24/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/25/23
Diln Fac: 1.000 **Analyzed:** 07/25/23

489059-008 Analyte	Result	RL	Units
Lead	**87**	0.50	ug/ft2

Field ID: AFRAME-C7W-LAT-L3-DN-C7W-DG-230724-L-LA **Batch#:** 318867 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 6010B
Lab ID: 489059-010 **Received:** 07/24/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/25/23
Diln Fac: 1.000 **Analyzed:** 07/25/23

489059-010 Analyte	Result	RL	Units
Lead	**43**	0.50	ug/ft2

ENTHALPY ANALYTICAL

Lead

Lab #: 489059 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C7W-MED-L3-DN-C7.5-DG-230724-L-LA **Batch#:** 318867 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 6010B
Lab ID: 489059-013 **Received:** 07/24/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/25/23
Dln Fac: 1.000 **Analyzed:** 07/25/23

489059-013 Analyte	Result	RL	Units
Lead	**120**	0.50	ug/ft2

Field ID: AFRAME-C6W-MED-L2-EXT-0 TO 1-230724-L-WF **Batch#:** 318867 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 6010B
Lab ID: 489059-015 **Received:** 07/24/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/25/23
Dln Fac: 1.000 **Analyzed:** 07/25/23

489059-015 Analyte	Result	RL	Units
Lead	**13**	0.50	ug/ft2

Field ID: AFRAME-C6W-MED-L2-INT-0.5 TO 1-230724-L-FB **Batch#:** 318867 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 6010B
Lab ID: 489059-017 **Received:** 07/24/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/25/23
Dln Fac: 1.000 **Analyzed:** 07/25/23

489059-017 Analyte	Result	RL	Units
Lead	**18**	0.50	ug/ft2

Field ID: AFRAME-C6W-MED-L2-UP-C6.6-DG-230724-L-LA **Batch#:** 318867 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 6010B
Lab ID: 489059-020 **Received:** 07/24/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/25/23
Dln Fac: 1.000 **Analyzed:** 07/25/23

489059-020 Analyte	Result	RL	Units
Lead	**110**	0.50	ug/ft2

Field ID: AFRAME-C7W-LAT-L2-INT-0.5 TO 1-230724-L-FB **Batch#:** 318867 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 6010B
Lab ID: 489059-022 **Received:** 07/24/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/25/23
Dln Fac: 1.000 **Analyzed:** 07/25/23

489059-022 Analyte	Result	RL	Units
Lead	**67**	0.50	ug/ft2

ENTHALPY ANALYTICAL

Lead

Lab #: 489059 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C7W-LAT-L2-EXT-0 TO 1-230724-L-WF **Batch#:** 318867 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 6010B
Lab ID: 489059-024 **Received:** 07/24/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/25/23
Diln Fac: 1.000 **Analyzed:** 07/25/23

489059-024 Analyte	Result	RL	Units
Lead	**110**	0.50	ug/ft2

Field ID: AFRAME-C7W-LAT-L2-EXT-0 TO 1-230724-L-DUP-WF **Batch#:** 318867 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 6010B
Lab ID: 489059-025 **Received:** 07/24/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/25/23
Diln Fac: 1.000 **Analyzed:** 07/25/23

489059-025 Analyte	Result	RL	Units
Lead	**160**	0.50	ug/ft2

Field ID: AFRAME-C6W-LAT-L1-HS-3-230724-L-A **Batch#:** 318867 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 6010B
Lab ID: 489059-027 **Received:** 07/24/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/25/23
Diln Fac: 1.000 **Analyzed:** 07/25/23

489059-027 Analyte	Result	RL	Units
Lead	**110**	0.50	ug/ft2

Field ID: AFRAME-C6W-LAT-L1-HS-3-230724-L-DUP-A **Batch#:** 318867 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 6010B
Lab ID: 489059-028 **Received:** 07/24/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/25/23
Diln Fac: 1.000 **Analyzed:** 07/25/23

489059-028 Analyte	Result	RL	Units
Lead	**220**	0.50	ug/ft2

Field ID: AFRAME-C6W-LAT-L1-UP-C6.1-VS-230724-L-I **Batch#:** 318867 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 6010B
Lab ID: 489059-030 **Received:** 07/24/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/25/23
Diln Fac: 1.000 **Analyzed:** 07/25/23

489059-030 Analyte	Result	RL	Units
Lead	**95**	0.50	ug/ft2

ENTHALPY ANALYTICAL

Lead

Lab #: 489059 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C6W-MED-L1-UP-C6.1-DG-230724-L-SS **Batch#:** 318867 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 6010B
Lab ID: 489059-032 **Received:** 07/24/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/25/23
Diln Fac: 20.00 **Analyzed:** 07/26/23

489059-032 Analyte	Result	RL	Units	Qual
Lead	**2,200**	3.3	ug/ft2	b

Field ID: AFRAME-C6W-MED-L1-UP-C6.6-DG-230724-L-SS **Batch#:** 318868 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 6010B
Lab ID: 489059-034 **Received:** 07/24/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/25/23
Diln Fac: 1.000 **Analyzed:** 07/25/23

489059-034 Analyte	Result	RL	Units
Lead	**160**	0.50	ug/ft2

Field ID: AFRAME-C6W-MED-L1-UP-C6.6-DG-230724-L-DUP-SS **Batch#:** 318868 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 6010B
Lab ID: 489059-035 **Received:** 07/24/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/25/23
Diln Fac: 1.000 **Analyzed:** 07/25/23

489059-035 Analyte	Result	RL	Units
Lead	**200**	0.50	ug/ft2

Field ID: AFRAME-C7W-LAT-L1-HS-3-230724-L-A **Batch#:** 318868 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 6010B
Lab ID: 489059-037 **Received:** 07/24/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/25/23
Diln Fac: 1.000 **Analyzed:** 07/25/23

489059-037 Analyte	Result	RL	Units
Lead	**62**	0.50	ug/ft2

Field ID: AFRAME-C7W-LAT-L1-UP-C7.7-VS-230724-L-I **Batch#:** 318868 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 6010B
Lab ID: 489059-039 **Received:** 07/24/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/25/23
Diln Fac: 1.000 **Analyzed:** 07/25/23

489059-039 Analyte	Result	RL	Units
Lead	**61**	0.50	ug/ft2

ENTHALPY ANALYTICAL

Lead

Lab #: 489059 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C7W-MED-L1-UP-C7.6-DG-230724-L-SS **Batch#:** 318868 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 6010B
Lab ID: 489059-041 **Received:** 07/24/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/25/23
Diln Fac: 1.000 **Analyzed:** 07/25/23

489059-041 Analyte	Result	RL	Units
Lead	**120**	0.50	ug/ft2

Field ID: 230724-L-FB1 **Batch#:** 318868 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 6010B
Lab ID: 489059-043 **Received:** 07/24/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/25/23
Diln Fac: 1.000 **Analyzed:** 07/25/23

489059-043 Analyte	Result	RL	Units
Lead	**2.4**	0.50	ug/ft2

Field ID: 230724-L-MEDBLANK1 **Batch#:** 318868 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 6010B
Lab ID: 489059-044 **Received:** 07/24/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/25/23
Diln Fac: 1.000 **Analyzed:** 07/25/23

489059-044 Analyte	Result	RL	Units
Lead	ND	0.50	ug/ft2

Field ID: 230724-L-FB2 **Batch#:** 318868 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 6010B
Lab ID: 489059-046 **Received:** 07/24/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/25/23
Diln Fac: 1.000 **Analyzed:** 07/25/23

489059-046 Analyte	Result	RL	Units
Lead	**0.57**	0.50	ug/ft2

Field ID: 230724-L-MEDBLANK2 **Batch#:** 318868 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/24/23 **Analysis:** EPA 6010B
Lab ID: 489059-047 **Received:** 07/24/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/25/23
Diln Fac: 1.000 **Analyzed:** 07/25/23

489059-047 Analyte	Result	RL	Units
Lead	ND	0.50	ug/ft2

ENTHALPY ANALYTICAL

Lead

Lab #: 489059 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Type:	BLANK	**Batch#:**	318867	**Analysis:**	EPA 6010B
Lab ID:	QC1082045	**Prepared:**	07/25/23	**Analyst:**	SBW
Matrix:	Wipe	**Analyzed:**	07/25/23		
Dil n Fac:	1.000	**Prep:**	EPA 3050B		

QC1082045 Analyte	Result	RL	Units
Lead	ND	0.50	ug/ft2

Type:	BLANK	**Batch#:**	318868	**Analysis:**	EPA 6010B
Lab ID:	QC1082048	**Prepared:**	07/25/23	**Analyst:**	SBW
Matrix:	Wipe	**Analyzed:**	07/25/23		
Dil n Fac:	1.000	**Prep:**	EPA 3050B		

QC1082048 Analyte	Result	RL	Units
Lead	ND	0.50	ug/ft2

Legend

ND: Not Detected

RL: Reporting Limit

b: See narrative

ENTHALPY ANALYTICAL

Lead: Batch QC

Lab #: 489059 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Type: BS **Batch#:** 318867 **Analysis:** EPA 6010B
Lab ID: QC1082046 **Prepared:** 07/25/23 **Analyst:** SBW
Matrix: Wipe **Analyzed:** 07/25/23
Dil n Fac: 1.000 **Prep:** EPA 3050B

QC1082046 Analyte	Spiked	Result	%REC	Limits	Units
Lead	50.00	53.33	107	80-120	ug/ft2

Type: BS **Batch#:** 318868 **Analysis:** EPA 6010B
Lab ID: QC1082049 **Prepared:** 07/25/23 **Analyst:** SBW
Matrix: Wipe **Analyzed:** 07/25/23
Dil n Fac: 1.000 **Prep:** EPA 3050B

QC1082049 Analyte	Spiked	Result	%REC	Limits	Units
Lead	50.00	50.51	101	80-120	ug/ft2

Type: BSD **Batch#:** 318867 **Analysis:** EPA 6010B
Lab ID: QC1082047 **Prepared:** 07/25/23 **Analyst:** SBW
Matrix: Wipe **Analyzed:** 07/25/23
Dil n Fac: 1.000 **Prep:** EPA 3050B

QC1082047 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
Lead	50.00	53.19	106	80-120	ug/ft2	0	20

Type: BSD **Batch#:** 318868 **Analysis:** EPA 6010B
Lab ID: QC1082050 **Prepared:** 07/25/23 **Analyst:** SBW
Matrix: Wipe **Analyzed:** 07/25/23
Dil n Fac: 1.000 **Prep:** EPA 3050B

QC1082050 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
Lead	50.00	50.31	101	80-120	ug/ft2	0	20

Legend

RPD: Relative Percent Difference

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

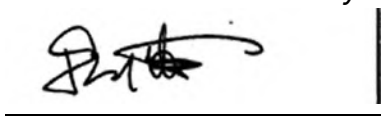
Lab Job Number: 489066
Report Level: II
Report Date: 08/02/2023

Analytical Report *prepared for:*

Austin Moore
Rincon Consultants
449 15th Street
#303
Oakland, CA 94612

Project: 20-10491 - Hangar 1 NTCRA

Authorized for release by:



John Goyette, Service Center Manager
(510) 204-2233 Ext 13112
john.goyette@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105

ENTHALPY ANALYTICAL

Sample Summary

Austin Moore
Rincon Consultants
449 15th Street
#303
Oakland, CA 94612

Lab Job #:	489066
Project No:	20-10491
Location:	Hangar 1 NTCRA
Date Received:	07/25/23

Sample ID	Lab ID	Collected	Matrix
AFRAME-C7W-MED-L2-HS-1-230725-P-G	489066-001	07/25/23 07:50	Wipe
AFRAME-C7W-MED-L2-HS-1-230725-L-G	489066-002	07/25/23 07:50	Wipe
AFRAME-C7W-LAT-L2-UP-C7.1-VS-230725-P-I	489066-003	07/25/23 07:30	Wipe
AFRAME-C7W-LAT-L2-UP-C7.1-VS-230725-L-I	489066-004	07/25/23 07:30	Wipe
AFRAME-C7W-MED-L2-UP-C7.2-DG-230725-P-LA	489066-005	07/25/23 07:40	Wipe
AFRAME-C7W-MED-L2-UP-C7.2-DG-230725-L-LA	489066-006	07/25/23 07:40	Wipe
AFRAME-C6W-LAT-L2-INT-0 TO 0.5-230725-P-FB	489066-007	07/25/23 08:55	Wipe
AFRAME-C6W-LAT-L2-INT-0 TO 0.5-230725-L-FB	489066-008	07/25/23 08:55	Wipe
AFRAME-C6W-LAT-L2-DN-C6.1-DG-230725-P-LA	489066-009	07/25/23 08:45	Wipe
AFRAME-C6W-LAT-L2-DN-C6.1-DG-230725-L-LA	489066-010	07/25/23 08:45	Wipe
AFRAME-C7W-MED-L2-INT-0 TO 0.5-230725-P-FB	489066-011	07/25/23 08:30	Wipe
AFRAME-C7W-MED-L2-INT-0 TO 0.5-230725-L-FB	489066-012	07/25/23 08:30	Wipe
AFRAME-C7W-MED-L2-EXT-0 TO 1-230725-P-WF	489066-013	07/25/23 08:15	Wipe
AFRAME-C7W-MED-L2-EXT-0 TO 1-230725-L-WF	489066-014	07/25/23 08:15	Wipe

ENTHALPY ANALYTICAL

Sample Summary

Austin Moore
Rincon Consultants
449 15th Street
#303
Oakland, CA 94612

Lab Job #:	489066
Project No:	20-10491
Location:	Hangar 1 NTCRA
Date Received:	07/25/23

Sample ID	Lab ID	Collected	Matrix
AFRAME-C7W-MED-L2-DN-C7.5-VS-230725-P-LA	489066-015	07/25/23 08:05	Wipe
AFRAME-C7W-MED-L2-DN-C7.5-VS-230725-P-DUP-LA	489066-016	07/25/23 08:05	Wipe
AFRAME-C7W-MED-L2-DN-C7.5-VS-230725-L-LA	489066-017	07/25/23 08:05	Wipe
AFRAME-C6W-MED-L1-HS-3-230725-P-G	489066-018	07/25/23 09:10	Wipe
AFRAME-C6W-MED-L1-HS-3-230725-L-G	489066-019	07/25/23 09:10	Wipe
AFRAME-C6W-MED-L1-HS-3-230725-P-A	489066-020	07/25/23 09:20	Wipe
AFRAME-C6W-MED-L1-HS-3-230725-L-A	489066-021	07/25/23 09:20	Wipe
AFRAME-C6W-LAT-L1-EXT-1 TO 2-230725-P-WF	489066-022	07/25/23 08:00	Wipe
AFRAME-C6W-LAT-L1-EXT-1 TO 2-230725-L-WF	489066-023	07/25/23 08:00	Wipe
AFRAME-C6W-MED-L1-INT-1 TO 2-230725-P-FB	489066-024	07/25/23 09:05	Wipe
AFRAME-C6W-MED-L1-INT-1 TO 2-230725-L-FB	489066-025	07/25/23 09:05	Wipe
AFRAME-C6W-LAT-L1-UP-C6.7-HS-230725-P-LA	489066-026	07/25/23 08:15	Wipe
AFRAME-C6W-LAT-L1-UP-C6.7-HS-230725-L-LA	489066-027	07/25/23 08:15	Wipe
AFRAME-C7W-LAT-L1-INT-1 TO 2-230725-P-FB	489066-028	07/25/23 08:50	Wipe
AFRAME-C7W-LAT-L1-INT-1 TO 2-230725-L-FB	489066-029	07/25/23 08:50	Wipe

ENTHALPY ANALYTICAL

Sample Summary

Austin Moore
Rincon Consultants
449 15th Street
#303
Oakland, CA 94612

Lab Job #:	489066
Project No:	20-10491
Location:	Hangar 1 NTCRA
Date Received:	07/25/23

Sample ID	Lab ID	Collected	Matrix
AFRAME-C7W-LAT-L1-UP-C7W-HS-230725-P-LA	489066-030	07/25/23 08:40	Wipe
AFRAME-C7W-LAT-L1-UP-C7W-HS-230725-L-LA	489066-031	07/25/23 08:40	Wipe
AFRAME-C6W-MED-L1-EXT-0 TO 1-230725-P-WF	489066-032	07/25/23 10:10	Wipe
AFRAME-C6W-MED-L1-EXT-0 TO 1-230725-L-WF	489066-033	07/25/23 10:10	Wipe
AFRAME-C6W-MED-L1-DN-C6.7W-DG-230725-P-SS	489066-034	07/25/23 10:00	Wipe
AFRAME-C6W-MED-L1-DN-C6.7W-DG-230725-L-SS	489066-035	07/25/23 10:00	Wipe
AFRAME-C7W-MED-L1-INT-0 TO 1-230725-P-FB	489066-036	07/25/23 09:40	Wipe
AFRAME-C7W-MED-L1-INT-0 TO 1-230725-L-FB	489066-037	07/25/23 09:40	Wipe
AFRAME-C7W-LAT-L1-EXT-0 TO 1-230725-P-WF	489066-038	07/25/23 09:30	Wipe
AFRAME-C7W-LAT-L1-EXT-0 TO 1-230725-L-WF	489066-039	07/25/23 09:30	Wipe
AFRAME-C7W-MED-L1-DN-C7W-DG-230725-P-SS	489066-040	07/25/23 09:50	Wipe
AFRAME-C7W-MED-L1-DN-C7W-DG-230725-L-SS	489066-041	07/25/23 09:50	Wipe
230725-P-FB3	489066-042	07/25/23 09:30	Wipe
230725-L-FB3	489066-043	07/25/23 09:30	Wipe

ENTHALPY ANALYTICAL

Sample Summary

Austin Moore
Rincon Consultants
449 15th Street
#303
Oakland, CA 94612

Lab Job #:	489066
Project No:	20-10491
Location:	Hangar 1 NTCRA
Date Received:	07/25/23

Sample ID	Lab ID	Collected	Matrix
230725-L-MEDBLANK3	489066-044	07/25/23 11:34	Wipe

ENTHALPY ANALYTICAL

Case Narrative

Rincon Consultants 449 15th Street #303 Oakland, CA 94612 Austin Moore	Lab Job Number: 489066 Project No: 20-10491 Location: Hangar 1 NTCRA Date Received: 07/25/23

This data package contains sample and QC results for forty four wipe samples, requested for the above referenced project on 07/26/23. The samples were received cold and intact.

PCBs (EPA 8082):
No analytical problems were encountered.

Metals (EPA 6010B):
No analytical problems were encountered.

489066

ENTHALPY ANALYTICAL

Chain of Custody Record

COC ID:

Page: 1 of 3

Turn Around Time (rush by advanced notice only)

Standard:	X (PCBs)	5 Day:		3 Day:	
2 Day:		1 Day:	X (Pb)	Custom TAT:	

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Report: Level II data validation

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants, Inc.	Quote #:	RIN031721
Report To:	Lindsay Parker	Proj. Name:	Hangar 1 - NCTRA WP
Email:	lparker@rinconconsultants.com	Proj. #:	20-10491
Address:	449 15th Street, Suite 303	P.O. #:	
	Oakland, California 94612	Address:	158 Cody Road, Mountain View, CA
Phone:	(651) 890-9556	Global ID:	
Fax:		Sampled By:	M. Kim, D. Welsh

Test Instructions / Comments

Confirmation Wipe Samples - Level II Report/Stage 2A Validation

Report PCB concentrations on a µg/100cm2 basis

Report lead concentrations on a µg/ft2 basis

Report Aroclor 1268 concentrations in addition to the standard Aroclors

Wipe samples collected from Zone 4 Enclosure C/D (High Occupancy)

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	PCBs - EPA Method 8082	Lead - EPA Method 3050/6010B	HOLD
1	AFRAME-C7W-MED-L2-HS-1-230725-P- GG MK	7/25/2023	0750	WP	1	–	X		
2	AFRAME-C7W-MED-L2-HS-1-230725-L- G	7/25/2023	0750	WP	1	–		X	
3	AFRAME-C7W-LAT-L2-UP-C7.1-VS-230725-P- I	7/25/2023	0730	WP	1	–	X		
4	AFRAME-C7W-LAT-L2-UP-C7.1-VS-230725-L- I	7/25/2023	0730	WP	1	–		X	
5	AFRAME-C7W-MED-L2-UP-C7.2-DG-230725-P- LA	7/25/2023	0740	WP	1	–	X		
6	AFRAME-C7W-MED-L2-UP-C7.2-DG-230725-L- LA	7/25/2023	0740	WP	1	–		X	
7	AFRAME-C6W-LAT-L2-INT-0 TO 0.5-230725-P- FB	7/25/2023	0855	WP	1	–	X		
8	AFRAME-C6W-LAT-L2-INT-0 TO 0.5-230725-L- FB	7/25/2023	0855	WP	1	–		X	
9	AFRAME-C6W-LAT-L2-DN-C6.1-DG-230725-P- LA	7/25/2023	0845	WP	1	–	X		
10	AFRAME-C6W-LAT-L2-DN-C6.1-DG-230725-L- LA	7/25/2023	0845	WP	1	–		X	
11	AFRAME-C7W-MED-L2-INT-0 TO 0.5-230725-P- FB	7/25/2023	0830	WP	1	–	X		
12	AFRAME-C7W-MED-L2-INT-0 TO 0.5-230725-L- FB	7/25/2023	0830	WP	1	–		X	
13	AFRAME-C7W-MED-L2-EXT-0 TO 1-230725-P- WF	7/25/2023	0815	WP	1	–	X		
14	AFRAME-C7W-MED-L2-EXT-0 TO 1-230725-L- WF	7/25/2023	0815	WP	1	–		X	
15	AFRAME-C7W-MED-L2-DN-C7.5-VS-230725-P- LA	7/25/2023	0805	WP	1	–	X		

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Donald Welsh	Rincon / Env. Sci.	7/25/23 1230
1 Received By:	Audrey Hudson	AUDREY HUDSON	ENTHALPY	7/25/23 12:30
2 Relinquished By:	Audrey Hudson	"	"	7/25/23 15:28
2 Received By:		Maureen Yee	EA	7/25/23 15:28
3 Relinquished By:		Maureen Yee	EA	7/27/23 16:49
3 Received By:		Brown	EA	7/26/23 0950

489066

ENTHALPY ANALYTICAL

Enthalpy Analytical - Orange
931 W. Barkley Avenue, Orange, CA 92868
Phone 714-771-6900

Chain of Custody Record

COC ID:

Page: 2 of 3

Turn Around Time (rush by advanced notice only)

Standard:	X (PCBs)	5 Day:		3 Day:	
2 Day:		1 Day:	X (Pb)	Custom TAT:	

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Report: Level II data validation

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants, Inc.	Quote #:	RIN031721
Report To:	Lindsay Parker	Proj. Name:	Hangar 1 - NCTRA WP
Email:	lparker@rinconconsultants.com	Proj. #:	20-10491
Address:	449 15th Street, Suite 303	P.O. #:	
	Oakland, California 94612	Address:	158 Cody Road, Mountain View, CA
Phone:	(651) 890-9556	Global ID:	
Fax:		Sampled By:	M. Kita, D. Welsh

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	PCBs - EPA Method 8082	Lead - EPA Method 3050/6010B	HOLD	Test Instructions / Comments
16	AFRAME-C7W-MED-L2-DN-C7.5-VS-230725-P-DUP- LA	7/25/2023	0805	WP	1	–	X			2x Rivet Type 2 = 0.0200 ft²
17	AFRAME-C7W-MED-L2-DN-C7.5-VS-230725-L- LA	7/25/2023	0805	WP	1	–		X		
18	AFRAME-C6W-MED-L1-HS-3-230725-P-G	7/25/2023	0910	WP	1	–	X			
19	AFRAME-C6W-MED-L1-HS-3-230725-L-G	7/25/2023	0910	WP	1	–		X		
20	AFRAME-C6W-MED-L1-HS-3-230725-P-A	7/25/2023	0920	WP	1	–	X			
21	AFRAME-C6W-MED-L1-HS-3-230725-L-A	7/25/2023	0920	WP	1	–		X		
22	AFRAME-C6W-LAT-L1-EXT-1 TO 2-230725-P- WF	7/25/2023	0800	WP	1	–	X			
23	AFRAME-C6W-LAT-L1-EXT-1 TO 2-230725-L- WF	7/25/2023	0800	WP	1	–		X		
24	AFRAME-C6W-MED-L1-INT-1 TO 2-230725-P- FB	7/25/2023	0905	WP	1	–	X			
25	AFRAME-C6W-MED-L1-INT-1 TO 2-230725-L- FB	7/25/2023	0905	WP	1	–		X		
26	AFRAME-C6W-LAT-L1-UP-C6.7-HS-230725-P- LA	7/25/2023	0815	WP	1	–	X			2x Rivet Type 2 = 0.0200 ft²
27	AFRAME-C6W-LAT-L1-UP-C6.7-HS-230725-L- LA	7/25/2023	0815	WP	1	–		X		
28	AFRAME-C7W-LAT-L1-INT-1 TO 2-230725-P- FB	7/25/2023	0850	WP	1	–	X			
29	AFRAME-C7W-LAT-L1-INT-1 TO 2-230725-L- FB	7/25/2023	0850	WP	1	–		X		
30	AFRAME-C7W-LAT-L1-UP-C7W-HS-230725-P- LA	7/25/2023	0840	WP	1	–	X			

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Donald Welsh	Rincon / Env. Sci.	7/25/23 1230
1 Received By:	Audrey Hudson	AUDREY HUDSON	ENTHALPY	7/25/23 12:30
2 Relinquished By:	Audrey Hudson	"	"	7/25/23 15:28
2 Received By:				7/25/23 15:28
3 Relinquished By:				7/25/25 16:47
3 Received By:				7/26/23 0950

489066

ENTHALPY ANALYTICAL

Chain of Custody Record — COC ID:

Page: 3 of 3

Turn Around Time (rush by advanced notice only)

Standard:	X (PCBs)	5 Day:		3 Day:	
2 Day:		1 Day:	X (Pb)	Custom TAT:	

Enthalpy Analytical - Orange
931 W. Barkley Avenue, Orange, CA 92868
Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Report: Level II data validation

Sample Receipt Temp: (lab use only)

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants, Inc.	Quote #:	RIN031721
Report To:	Lindsay Parker	Proj. Name:	Hangar 1 - NCTRA WP
Email:	lparker@rinconconsultants.com	Proj. #:	20-10491
Address:	449 15th Street, Suite 303	P.O. #:	
	Oakland, California 94612	Address:	158 Cody Road, Mountain View, CA
Phone:	(651) 890-9556	Global ID:	
Fax:		Sampled By:	M. Kim, D. Welsh

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	PCBs - EPA Method 8082	Lead - EPA Method 3050/6010B	HOLD	Test Instructions / Comments
31	AFRAME-C7W-LAT-L1-UP-C7W-HS-230725-L- LA	7/25/2023	0840	WP	1	–		X		2 x Rivet Type 2 = 0.0200 ft²
32	AFRAME-C6W-MED-L1-EXT-0 TO 1-230725-P- WF	7/25/2023	1010	WP	1	–	X			
33	AFRAME-C6W-MED-L1-EXT-0 TO 1-230725-L- WF	7/25/2023	1010	WP	1	–		X		
34	AFRAME-C6W-MED-L1-DN-C6.7W-DG-230725-P- SS	7/25/2023	1000	WP	1	–	X			
35	AFRAME-C6W-MED-L1-DN-C6.7W-DG-230725-L- SS	7/25/2023	1000	WP	1	–		X		
36	AFRAME-C7W-MED-L1-INT-0 TO 1-230725-P- FB	7/25/2023	0940	WP	1	–	X			
37	AFRAME-C7W-MED-L1-INT-0 TO 1-230725-L- FB	7/25/2023	0940	WP	1	–		X		
38	AFRAME-C7W-LAT-L1-EXT-0 TO 1-230725-P- WF	7/25/2023	0930	WP	1	–	X			4 x Rivet Type 1 = 0.0552 ft²
39	AFRAME-C7W-LAT-L1-EXT-0 TO 1-230725-L- WF	7/25/2023	0930	WP	1	–		X		
40	AFRAME-C7W-MED-L1-DN-C7W-DG-230725-P- SS	7/25/2023	0950	WP	1	–	X			
41	AFRAME-C7W-MED-L1-DN-C7W-DG-230725-L- SS	7/25/2023	0950	WP	1	–		X		
42	230725-P-FB3	7/25/2023	0930	WP	1	–	X			
43	230725-L-FB3	7/25/2023	0930	WP	1	–		X		
44	230725-L-MEDBLANK3	7/25/2023	1134	WP	1	–		X		
45										

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Donald Welsh	Rincon / Env. Sci.	7/25/23 12:30
1 Received By:	Audrey Hudson	Audrey Hudson	Enthalpy "	7/25/23 12:30
2 Relinquished By:	Audrey Hudson	"	"	7/25/23 15:28
2 Received By:				7/25/23 15:20
3 Relinquished By:				7/25/23 16:49
3 Received By:				7/26/23 0950

The below sample checklist was completed after delivery of samples by the laboratory provided courier or Rincon personnel to Enthalpy Analytical in Berkeley, CA.

SAMPLE RECEIPT CHECKLIST

ENTHALPY

Section 1: General Info

Date Received: 7/25/23 Login # 489066 Client: Rincon

Section 2: Shipping / Custody

Shipping Info: _____

Are custody seals present? o No ✓ Yes If yes, where? ✓ on cooler, o on samples, o on package

Custody seals intact on arrival? ☑ Yes ☐ No ☐ N/A Date: 7/25/23 # of seals 1 ☐ Signature ☑ Initials

Section 3: Condition / Packaging

***Important*: Notify PM if temperature exceeds 6°C or arrive frozen**

Date Opened 7/25/23 By (print) MM (sign) _____

✓ Samples received on ice directly from the field. Cooling process had begun. (if checked, skip temperatures)

If no cooler: Sample Temp (°C): _____

How many coolers? 1 Temp (°C): #1: _____ #2: _____ #3: _____ #4: _____ #5: _____ #6: _____

Temperature measured using o Thermometer ID: _____, or IR Gun # o B o C

Type of ice used : ✓ Wet, o Blue/Gel, o None Temperature blank(s) included? ☐ Yes, ☐ No

Section 4: Containers / Labels / Samples	YES	NO	N/A
Were custody papers dry, filled out properly, and the project identifiable?	✓		
Were Method 5035 sampling containers present? Transferred to freezer @:		✓	
Did all containers arrive unbroken/unopened?	✓		
Are there any missing / extra samples?		✓	
Are samples in the appropriate containers for indicated tests?	✓		
Are sample labels present, in good condition and complete?	✓		
Does the container count match the COC?	✓		
Do the sample labels agree with custody papers?	✓		
Was sufficient amount of sample sent for tests requested?	✓		
Did you change the hold time in LIMS for unpreserved VOAs?			✓
Did you change the hold time in LIMS for preserved terracores?			✓
Are bubbles > 6mm present in VOA samples?			✓
Was the client contacted about this delivery? Contacted: _____ By: _____ Date:		✓	

Section 5: Preservatives	YES	NO	N/A
Are the samples appropriately preserved? (if yes, skip the rest of section 5)			
Did any samples / containers require preservation upon receipt?			
Did you document your preservative check in the bench book?			

Preservative added:

o H_2SO_4 lot#	added to samples	Date/Time
o HCL lot#	added to samples	Date/Time
o HNO_3 lot#	added to samples	Date/Time
o CrVI Buffer lot#	added to samples	Date/Time

Section 6: Explanations / Comments

Date Logged 7/25/23 **By (print)** MM **(sign)** _____

Date Labeled 7/25/23 **By (print)** MM **(sign)** _____

Enthalpy Analytical - Berkeley

Rev.15.1, 09/13/2019

The below sample checklist was completed after the samples were shipped from the Enthalpy Analytical location in Berkeley, CA to the Enthalpy Analytical location in Orange, CA.

ENTHALPY ANALYTICAL

489066

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Rincon Consultants Project: Hangar 1 NTCRA

Date Received: 07/26/23 Sampler's Name Present: ☑ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 5.8 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: Southwest Airlines

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 4.2 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✔		
Are sample IDs present?	✔		
Are sampling dates & times present?	✔		
Is a relinquished signature present?	✔		
Are the tests required clearly indicated on the COC?	✔		
Are custody seals present?	✔		
If custody seals are present, were they intact?	✔		
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			✔
Did all samples arrive intact? If no, indicate in Section 4 below.	✔		
Did all bottle labels agree with COC? (ID, dates and times)	✔		
Were the samples collected in the correct containers for the required tests?	✔		
Are the containers labeled with the correct preservatives?			✔
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✔
Was a sufficient amount of sample submitted for the requested tests?	✔		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: JUL 26 2023


SOUTHWEST AIRLINES
Printed on:
25 JUL 19:26
526 OAK 9107 6344
SNA
PC#
8 OF 10
DG
G
LOT WT
450 LB
(204.1 KG)
OAK WN 2872 25 JUL 20:25
STN FLT DATE ETD
LOT 01
PC ID: 0008
PC WT: 45LB
S
526 91076344 0008

4.2/5.8

Enthalpy Analytical - Orange Analytical Report

Lab #: 489066 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C7W-MED-L2-HS-1-230725-P-G **Batch#:** 318975 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/25/23 **Analysis:** EPA 8082

Lab ID: 489066-001 **Received:** 07/25/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/27/23

Diln Fac: 1.000 **Analyzed:** 07/27/23

489066-001 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489066-001 Surrogate	%REC	Limits
TCMX (PCB)	73	19-121
Decachlorobiphenyl (PCB)	73	19-121

Field ID: AFRAME-C7W-LAT-L2-UP-C7.1-VS-230725-P-I **Batch#:** 318975 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/25/23 **Analysis:** EPA 8082

Lab ID: 489066-003 **Received:** 07/25/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/27/23

Diln Fac: 1.000 **Analyzed:** 07/27/23

489066-003 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489066-003 Surrogate	%REC	Limits
TCMX (PCB)	74	19-121
Decachlorobiphenyl (PCB)	79	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 489066 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C7W-MED-L2-UP-C7.2-DG-230725-P-LA **Batch#:** 319064 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/25/23 **Analysis:** EPA 8082

Lab ID: 489066-005 **Received:** 07/25/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/27/23

DiIn Fac: 1.000 **Analyzed:** 07/28/23

489066-005 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489066-005 Surrogate	%REC	Limits
TCMX (PCB)	69	19-121
Decachlorobiphenyl (PCB)	72	19-121

Field ID: AFRAME-C6W-LAT-L2-INT-0 TO 0.5-230725-P-FB **Batch#:** 319064 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/25/23 **Analysis:** EPA 8082

Lab ID: 489066-007 **Received:** 07/25/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/27/23

DiIn Fac: 1.000 **Analyzed:** 07/28/23

489066-007 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489066-007 Surrogate	%REC	Limits
TCMX (PCB)	70	19-121
Decachlorobiphenyl (PCB)	75	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 489066 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C6W-LAT-L2-DN-C6.1-DG-230725-P-LA **Batch#:** 319064 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/25/23 **Analysis:** EPA 8082

Lab ID: 489066-009 **Received:** 07/25/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/27/23

DiIn Fac: 1.000 **Analyzed:** 07/28/23

489066-009 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489066-009 Surrogate	%REC	Limits
TCMX (PCB)	70	19-121
Decachlorobiphenyl (PCB)	74	19-121

Field ID: AFRAME-C7W-MED-L2-INT-0 TO 0.5-230725-P-FB **Batch#:** 319064 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/25/23 **Analysis:** EPA 8082

Lab ID: 489066-011 **Received:** 07/25/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/27/23

DiIn Fac: 1.000 **Analyzed:** 07/28/23

489066-011 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489066-011 Surrogate	%REC	Limits
TCMX (PCB)	72	19-121
Decachlorobiphenyl (PCB)	77	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 489066 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C7W-MED-L2-EXT-0 TO 1-230725-P-WF **Batch#:** 319064 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/25/23 **Analysis:** EPA 8082

Lab ID: 489066-013 **Received:** 07/25/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/27/23

DiIn Fac: 1.000 **Analyzed:** 07/28/23

489066-013 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489066-013 Surrogate	%REC	Limits
TCMX (PCB)	72	19-121
Decachlorobiphenyl (PCB)	76	19-121

Field ID: AFRAME-C7W-MED-L2-DN-C7.5-VS-230725-P-LA **Batch#:** 319064 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/25/23 **Analysis:** EPA 8082

Lab ID: 489066-015 **Received:** 07/25/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/27/23

DiIn Fac: 1.000 **Analyzed:** 07/28/23

489066-015 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489066-015 Surrogate	%REC	Limits
TCMX (PCB)	65	19-121
Decachlorobiphenyl (PCB)	70	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 489066 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C7W-MED-L2-DN-C7.5-VS-230725-P-DUP-LA **Batch#:** 319064 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/25/23 **Analysis:** EPA 8082

Lab ID: 489066-016 **Received:** 07/25/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/27/23

Diln Fac: 1.000 **Analyzed:** 07/28/23

489066-016 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489066-016 Surrogate	%REC	Limits
TCMX (PCB)	70	19-121
Decachlorobiphenyl (PCB)	75	19-121

Field ID: AFRAME-C6W-MED-L1-HS-3-230725-P-G **Batch#:** 319064 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/25/23 **Analysis:** EPA 8082

Lab ID: 489066-018 **Received:** 07/25/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/27/23

Diln Fac: 1.000 **Analyzed:** 07/28/23

489066-018 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489066-018 Surrogate	%REC	Limits
TCMX (PCB)	70	19-121
Decachlorobiphenyl (PCB)	74	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 489066 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C6W-MED-L1-HS-3-230725-P-A **Batch#:** 319064 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/25/23 **Analysis:** EPA 8082

Lab ID: 489066-020 **Received:** 07/25/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/27/23

Diln Fac: 1.000 **Analyzed:** 07/28/23

489066-020 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489066-020 Surrogate	%REC	Limits
TCMX (PCB)	72	19-121
Decachlorobiphenyl (PCB)	77	19-121

Field ID: AFRAME-C6W-LAT-L1-EXT-1 TO 2-230725-P-WF **Batch#:** 319064 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/25/23 **Analysis:** EPA 8082

Lab ID: 489066-022 **Received:** 07/25/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/27/23

Diln Fac: 1.000 **Analyzed:** 07/28/23

489066-022 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489066-022 Surrogate	%REC	Limits
TCMX (PCB)	71	19-121
Decachlorobiphenyl (PCB)	75	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 489066 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C6W-MED-L1-INT-1 TO 2-230725-P-FB **Batch#:** 319064 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/25/23 **Analysis:** EPA 8082

Lab ID: 489066-024 **Received:** 07/25/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/27/23

DiIn Fac: 1.000 **Analyzed:** 07/28/23

489066-024 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489066-024 Surrogate	%REC	Limits
TCMX (PCB)	69	19-121
Decachlorobiphenyl (PCB)	73	19-121

Field ID: AFRAME-C6W-LAT-L1-UP-C6.7-HS-230725-P-LA **Batch#:** 319064 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/25/23 **Analysis:** EPA 8082

Lab ID: 489066-026 **Received:** 07/25/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/27/23

DiIn Fac: 1.000 **Analyzed:** 07/28/23

489066-026 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489066-026 Surrogate	%REC	Limits
TCMX (PCB)	71	19-121
Decachlorobiphenyl (PCB)	77	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 489066 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C7W-LAT-L1-INT-1 TO 2-230725-P-FB **Batch#:** 319064 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/25/23 **Analysis:** EPA 8082

Lab ID: 489066-028 **Received:** 07/25/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/27/23

DiIn Fac: 1.000 **Analyzed:** 07/28/23

489066-028 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489066-028 Surrogate	%REC	Limits
TCMX (PCB)	70	19-121
Decachlorobiphenyl (PCB)	76	19-121

Field ID: AFRAME-C7W-LAT-L1-UP-C7W-HS-230725-P-LA **Batch#:** 319064 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/25/23 **Analysis:** EPA 8082

Lab ID: 489066-030 **Received:** 07/25/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/27/23

DiIn Fac: 1.000 **Analyzed:** 07/28/23

489066-030 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489066-030 Surrogate	%REC	Limits
TCMX (PCB)	70	19-121
Decachlorobiphenyl (PCB)	80	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 489066 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C6W-MED-L1-EXT-0 TO 1-230725-P-WF **Batch#:** 319064 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/25/23 **Analysis:** EPA 8082

Lab ID: 489066-032 **Received:** 07/25/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/27/23

DiIn Fac: 1.000 **Analyzed:** 07/28/23

489066-032 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489066-032 Surrogate	%REC	Limits
TCMX (PCB)	70	19-121
Decachlorobiphenyl (PCB)	74	19-121

Field ID: AFRAME-C6W-MED-L1-DN-C6.7W-DG-230725-P-SS **Batch#:** 319064 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/25/23 **Analysis:** EPA 8082

Lab ID: 489066-034 **Received:** 07/25/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/27/23

DiIn Fac: 1.000 **Analyzed:** 07/28/23

489066-034 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489066-034 Surrogate	%REC	Limits
TCMX (PCB)	69	19-121
Decachlorobiphenyl (PCB)	71	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 489066 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C7W-MED-L1-INT-0 TO 1-230725-P-FB **Batch#:** 319064 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/25/23 **Analysis:** EPA 8082

Lab ID: 489066-036 **Received:** 07/25/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/27/23

DiIn Fac: 1.000 **Analyzed:** 07/28/23

489066-036 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489066-036 Surrogate	%REC	Limits
TCMX (PCB)	73	19-121
Decachlorobiphenyl (PCB)	80	19-121

Field ID: AFRAME-C7W-LAT-L1-EXT-0 TO 1-230725-P-WF **Batch#:** 319064 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/25/23 **Analysis:** EPA 8082

Lab ID: 489066-038 **Received:** 07/25/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/27/23

DiIn Fac: 1.000 **Analyzed:** 07/28/23

489066-038 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489066-038 Surrogate	%REC	Limits
TCMX (PCB)	72	19-121
Decachlorobiphenyl (PCB)	79	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 489066 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C7W-MED-L1-DN-C7W-DG-230725-P-SS **Batch#:** 319064 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/25/23 **Analysis:** EPA 8082

Lab ID: 489066-040 **Received:** 07/25/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/27/23

DiIn Fac: 1.000 **Analyzed:** 07/28/23

489066-040 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489066-040 Surrogate	%REC	Limits
TCMX (PCB)	72	19-121
Decachlorobiphenyl (PCB)	76	19-121

Field ID: 230725-P-FB3 **Batch#:** 319064 **Prep:** EPA 3546

Type: SAMPLE **Sampled:** 07/25/23 **Analysis:** EPA 8082

Lab ID: 489066-042 **Received:** 07/25/23 **Analyst:** MES

Matrix: Wipe **Prepared:** 07/27/23

DiIn Fac: 1.000 **Analyzed:** 07/28/23

489066-042 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

489066-042 Surrogate	%REC	Limits
TCMX (PCB)	72	19-121
Decachlorobiphenyl (PCB)	74	19-121

Enthalpy Analytical - Orange Analytical Report

Lab #: 489066 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Type: BLANK **Batch#:** 318975 **Analysis:** EPA 8082
Lab ID: QC1082537 **Prepared:** 07/26/23 **Analyst:** MES
Matrix: Wipe **Analyzed:** 07/27/23
Diln Fac: 1.000 **Prep:** EPA 3546

QC1082537 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

QC1082537 Surrogate	%REC	Limits
TCMX (PCB)	66	19-121
Decachlorobiphenyl (PCB)	73	19-121

Type: BLANK **Batch#:** 319064 **Analysis:** EPA 8082
Lab ID: QC1082708 **Prepared:** 07/27/23 **Analyst:** MES
Matrix: Wipe **Analyzed:** 07/28/23
Diln Fac: 1.000 **Prep:** EPA 3546

QC1082708 Analyte	Result	RL	Units
Aroclor-1016	ND	0.50	ug/100 cm2
Aroclor-1221	ND	0.50	ug/100 cm2
Aroclor-1232	ND	0.50	ug/100 cm2
Aroclor-1242	ND	0.50	ug/100 cm2
Aroclor-1248	ND	0.50	ug/100 cm2
Aroclor-1254	ND	0.50	ug/100 cm2
Aroclor-1260	ND	0.50	ug/100 cm2
Aroclor-1262	ND	0.50	ug/100 cm2
Aroclor-1268	ND	0.50	ug/100 cm2

QC1082708 Surrogate	%REC	Limits
TCMX (PCB)	72	19-121
Decachlorobiphenyl (PCB)	79	19-121

Legend
ND: Not Detected
RL: Reporting Limit

Enthalpy Analytical - Orange Analytical Report: Batch QC

Lab #: 489066 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Type: BS **Batch#:** 318975 **Analysis:** EPA 8082

Lab ID: QC1082538 **Prepared:** 07/26/23 **Analyst:** MES

Matrix: Wipe **Analyzed:** 07/27/23

Diln Fac: 1.000 **Prep:** EPA 3546

QC1082538 Analyte	Spiked	Result	%REC	Limits	Units
Aroclor-1016	5.000	3.862	77	60-140	ug/100 cm2
Aroclor-1260	5.000	3.680	74	60-140	ug/100 cm2

QC1082538 Surrogate	%REC	Limits
TCMX (PCB)	67	19-121
Decachlorobiphenyl (PCB)	74	19-121

Type: BSD **Batch#:** 318975 **Analysis:** EPA 8082

Lab ID: QC1082539 **Prepared:** 07/26/23 **Analyst:** MES

Matrix: Wipe **Analyzed:** 07/27/23

Diln Fac: 1.000 **Prep:** EPA 3546

QC1082539 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
Aroclor-1016	5.000	4.153	83	60-140	ug/100 cm2	7	20
Aroclor-1260	5.000	4.161	83	60-140	ug/100 cm2	12	20

QC1082539 Surrogate	%REC	Limits
TCMX (PCB)	72	19-121
Decachlorobiphenyl (PCB)	82	19-121

Legend

RPD: Relative Percent Difference

Enthalpy Analytical - Orange Analytical Report: Batch QC

Lab #: 489066 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Type: BS **Batch#:** 319064 **Analysis:** EPA 8082

Lab ID: QC1082709 **Prepared:** 07/27/23 **Analyst:** MES

Matrix: Wipe **Analyzed:** 07/28/23

Diln Fac: 1.000 **Prep:** EPA 3546

QC1082709 Analyte	Spiked	Result	%REC	Limits	Units
Aroclor-1016	5.000	4.234	85	60-140	ug/100 cm2
Aroclor-1260	5.000	4.263	85	60-140	ug/100 cm2

QC1082709 Surrogate	%REC	Limits
TCMX (PCB)	74	19-121
Decachlorobiphenyl (PCB)	80	19-121

Type: BSD **Batch#:** 319064 **Analysis:** EPA 8082

Lab ID: QC1082710 **Prepared:** 07/27/23 **Analyst:** MES

Matrix: Wipe **Analyzed:** 07/28/23

Diln Fac: 1.000 **Prep:** EPA 3546

QC1082710 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
Aroclor-1016	5.000	3.884	78	60-140	ug/100 cm2	9	20
Aroclor-1260	5.000	3.908	78	60-140	ug/100 cm2	9	20

QC1082710 Surrogate	%REC	Limits
TCMX (PCB)	70	19-121
Decachlorobiphenyl (PCB)	75	19-121

Legend

RPD: Relative Percent Difference

ENTHALPY ANALYTICAL

Lead

Lab #: 489066 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C7W-MED-L2-HS-1-230725-L-G **Batch#:** 319006 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/25/23 **Analysis:** EPA 6010B
Lab ID: 489066-002 **Received:** 07/25/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/26/23
Diln Fac: 1.000 **Analyzed:** 07/27/23

489066-002 Analyte	Result	RL	Units
Lead	**47**	0.50	ug/ft2

Field ID: AFRAME-C7W-LAT-L2-UP-C7.1-VS-230725-L-I **Batch#:** 319006 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/25/23 **Analysis:** EPA 6010B
Lab ID: 489066-004 **Received:** 07/25/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/26/23
Diln Fac: 1.000 **Analyzed:** 07/27/23

489066-004 Analyte	Result	RL	Units
Lead	**37**	0.50	ug/ft2

Field ID: AFRAME-C7W-MED-L2-UP-C7.2-DG-230725-L-LA **Batch#:** 319006 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/25/23 **Analysis:** EPA 6010B
Lab ID: 489066-006 **Received:** 07/25/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/26/23
Diln Fac: 1.000 **Analyzed:** 07/27/23

489066-006 Analyte	Result	RL	Units
Lead	**85**	0.50	ug/ft2

Field ID: AFRAME-C6W-LAT-L2-INT-0 TO 0.5-230725-L-FB **Batch#:** 319006 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/25/23 **Analysis:** EPA 6010B
Lab ID: 489066-008 **Received:** 07/25/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/26/23
Diln Fac: 1.000 **Analyzed:** 07/27/23

489066-008 Analyte	Result	RL	Units
Lead	**66**	0.50	ug/ft2

Field ID: AFRAME-C6W-LAT-L2-DN-C6.1-DG-230725-L-LA **Batch#:** 319006 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/25/23 **Analysis:** EPA 6010B
Lab ID: 489066-010 **Received:** 07/25/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/26/23
Diln Fac: 1.000 **Analyzed:** 07/27/23

489066-010 Analyte	Result	RL	Units
Lead	**98**	0.50	ug/ft2

ENTHALPY ANALYTICAL

Lead

Lab #: 489066 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C7W-MED-L2-INT-0 TO 0.5-230725-L-FB **Batch#:** 319006 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/25/23 **Analysis:** EPA 6010B
Lab ID: 489066-012 **Received:** 07/25/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/26/23
Dln Fac: 1.000 **Analyzed:** 07/27/23

489066-012 Analyte	Result	RL	Units
Lead	**52**	0.50	ug/ft2

Field ID: AFRAME-C7W-MED-L2-EXT-0 TO 1-230725-L-WF **Batch#:** 319006 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/25/23 **Analysis:** EPA 6010B
Lab ID: 489066-014 **Received:** 07/25/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/26/23
Dln Fac: 1.000 **Analyzed:** 07/27/23

489066-014 Analyte	Result	RL	Units
Lead	**59**	0.50	ug/ft2

Field ID: AFRAME-C7W-MED-L2-DN-C7.5-VS-230725-L-LA **Batch#:** 319006 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/25/23 **Analysis:** EPA 6010B
Lab ID: 489066-017 **Received:** 07/25/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/26/23
Dln Fac: 1.000 **Analyzed:** 07/27/23

489066-017 Analyte	Result	RL	Units
Lead	**75**	0.50	ug/ft2

Field ID: AFRAME-C6W-MED-L1-HS-3-230725-L-G **Batch#:** 319006 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/25/23 **Analysis:** EPA 6010B
Lab ID: 489066-019 **Received:** 07/25/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/26/23
Dln Fac: 1.000 **Analyzed:** 07/27/23

489066-019 Analyte	Result	RL	Units
Lead	**20**	0.50	ug/ft2

Field ID: AFRAME-C6W-MED-L1-HS-3-230725-L-A **Batch#:** 319006 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/25/23 **Analysis:** EPA 6010B
Lab ID: 489066-021 **Received:** 07/25/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/26/23
Dln Fac: 1.000 **Analyzed:** 07/27/23

489066-021 Analyte	Result	RL	Units
Lead	**27**	0.50	ug/ft2

ENTHALPY ANALYTICAL

Lead

Lab #: 489066 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C6W-LAT-L1-EXT-1 TO 2-230725-L-WF **Batch#:** 319006 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/25/23 **Analysis:** EPA 6010B
Lab ID: 489066-023 **Received:** 07/25/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/26/23
Diln Fac: 1.000 **Analyzed:** 07/27/23

489066-023 Analyte	Result	RL	Units
Lead	**280**	0.50	ug/ft2

Field ID: AFRAME-C6W-MED-L1-INT-1 TO 2-230725-L-FB **Batch#:** 319006 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/25/23 **Analysis:** EPA 6010B
Lab ID: 489066-025 **Received:** 07/25/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/26/23
Diln Fac: 1.000 **Analyzed:** 07/27/23

489066-025 Analyte	Result	RL	Units
Lead	**210**	0.50	ug/ft2

Field ID: AFRAME-C6W-LAT-L1-UP-C6.7-HS-230725-L-LA **Batch#:** 319006 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/25/23 **Analysis:** EPA 6010B
Lab ID: 489066-027 **Received:** 07/25/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/26/23
Diln Fac: 1.000 **Analyzed:** 07/27/23

489066-027 Analyte	Result	RL	Units
Lead	**160**	0.50	ug/ft2

Field ID: AFRAME-C7W-LAT-L1-INT-1 TO 2-230725-L-FB **Batch#:** 319006 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/25/23 **Analysis:** EPA 6010B
Lab ID: 489066-029 **Received:** 07/25/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/26/23
Diln Fac: 1.000 **Analyzed:** 07/27/23

489066-029 Analyte	Result	RL	Units
Lead	**69**	0.50	ug/ft2

Field ID: AFRAME-C7W-LAT-L1-UP-C7W-HS-230725-L-LA **Batch#:** 319006 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/25/23 **Analysis:** EPA 6010B
Lab ID: 489066-031 **Received:** 07/25/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/26/23
Diln Fac: 1.000 **Analyzed:** 07/27/23

489066-031 Analyte	Result	RL	Units
Lead	**110**	0.50	ug/ft2

ENTHALPY ANALYTICAL

Lead

Lab #: 489066 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: AFRAME-C6W-MED-L1-EXT-0 TO 1-230725-L-WF **Batch#:** 319006 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/25/23 **Analysis:** EPA 6010B
Lab ID: 489066-033 **Received:** 07/25/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/26/23
Diln Fac: 1.000 **Analyzed:** 07/27/23

489066-033 Analyte	Result	RL	Units
Lead	**140**	0.50	ug/ft2

Field ID: AFRAME-C6W-MED-L1-DN-C6.7W-DG-230725-L-SS **Batch#:** 319006 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/25/23 **Analysis:** EPA 6010B
Lab ID: 489066-035 **Received:** 07/25/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/26/23
Diln Fac: 1.000 **Analyzed:** 07/27/23

489066-035 Analyte	Result	RL	Units
Lead	**190**	0.50	ug/ft2

Field ID: AFRAME-C7W-MED-L1-INT-0 TO 1-230725-L-FB **Batch#:** 319006 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/25/23 **Analysis:** EPA 6010B
Lab ID: 489066-037 **Received:** 07/25/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/26/23
Diln Fac: 1.000 **Analyzed:** 07/27/23

489066-037 Analyte	Result	RL	Units
Lead	**110**	0.50	ug/ft2

Field ID: AFRAME-C7W-LAT-L1-EXT-0 TO 1-230725-L-WF **Batch#:** 319006 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/25/23 **Analysis:** EPA 6010B
Lab ID: 489066-039 **Received:** 07/25/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/26/23
Diln Fac: 1.000 **Analyzed:** 07/27/23

489066-039 Analyte	Result	RL	Units
Lead	**100**	0.50	ug/ft2

Field ID: AFRAME-C7W-MED-L1-DN-C7W-DG-230725-L-SS **Batch#:** 319006 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/25/23 **Analysis:** EPA 6010B
Lab ID: 489066-041 **Received:** 07/25/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/26/23
Diln Fac: 1.000 **Analyzed:** 07/27/23

489066-041 Analyte	Result	RL	Units
Lead	**65**	0.50	ug/ft2

ENTHALPY ANALYTICAL

Lead

Lab #: 489066 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID: 230725-L-FB3 **Batch#:** 319007 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/25/23 **Analysis:** EPA 6010B
Lab ID: 489066-043 **Received:** 07/25/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/26/23
Dil n Fac: 1.000 **Analyzed:** 07/27/23

489066-043 Analyte	Result	RL	Units
Lead	**1.5**	0.50	ug/ft2

Field ID: 230725-L-MEDBLANK3 **Batch#:** 319007 **Prep:** EPA 3050B
Type: SAMPLE **Sampled:** 07/25/23 **Analysis:** EPA 6010B
Lab ID: 489066-044 **Received:** 07/25/23 **Analyst:** SBW
Matrix: Wipe **Prepared:** 07/26/23
Dil n Fac: 1.000 **Analyzed:** 07/27/23

489066-044 Analyte	Result	RL	Units
Lead	**0.57**	0.50	ug/ft2

Type: BLANK **Batch#:** 319006 **Analysis:** EPA 6010B
Lab ID: QC1082506 **Prepared:** 07/26/23 **Analyst:** SBW
Matrix: Wipe **Analyzed:** 07/27/23
Dil n Fac: 1.000 **Prep:** EPA 3050B

QC1082506 Analyte	Result	RL	Units
Lead	ND	0.50	ug/ft2

Type: BLANK **Batch#:** 319007 **Analysis:** EPA 6010B
Lab ID: QC1082508 **Prepared:** 07/26/23 **Analyst:** SBW
Matrix: Wipe **Analyzed:** 07/27/23
Dil n Fac: 1.000 **Prep:** EPA 3050B

QC1082508 Analyte	Result	RL	Units
Lead	ND	0.50	ug/ft2

Legend
ND: Not Detected
RL: Reporting Limit

ENTHALPY ANALYTICAL

Lead: Batch QC

Lab #: 489066 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Type: BS **Batch#:** 319006 **Analysis:** EPA 6010B
Lab ID: QC1082511 **Prepared:** 07/26/23 **Analyst:** SBW
Matrix: Wipe **Analyzed:** 07/27/23
Dln Fac: 1.000 **Prep:** EPA 3050B

QC1082511 Analyte	Spiked	Result	%REC	Limits	Units
Lead	50.00	50.98	102	80-120	ug/ft2

Type: BS **Batch#:** 319007 **Analysis:** EPA 6010B
Lab ID: QC1082509 **Prepared:** 07/26/23 **Analyst:** SBW
Matrix: Wipe **Analyzed:** 07/27/23
Dln Fac: 1.000 **Prep:** EPA 3050B

QC1082509 Analyte	Spiked	Result	%REC	Limits	Units
Lead	50.00	47.72	95	80-120	ug/ft2

Type: BSD **Batch#:** 319006 **Analysis:** EPA 6010B
Lab ID: QC1082512 **Prepared:** 07/26/23 **Analyst:** SBW
Matrix: Wipe **Analyzed:** 07/27/23
Dln Fac: 1.000 **Prep:** EPA 3050B

QC1082512 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
Lead	50.00	51.53	103	80-120	ug/ft2	1	20

Type: BSD **Batch#:** 319007 **Analysis:** EPA 6010B
Lab ID: QC1082510 **Prepared:** 07/26/23 **Analyst:** SBW
Matrix: Wipe **Analyzed:** 07/27/23
Dln Fac: 1.000 **Prep:** EPA 3050B

QC1082510 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
Lead	50.00	49.13	98	80-120	ug/ft2	3	20

Legend

RPD: Relative Percent Difference

Enthalpy Analytical
931 West Barkley Ave
Orange, CA 92868
(714) 771-6900

enthalpy.com

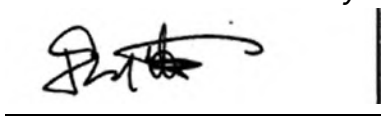
Lab Job Number: 489258
Report Level: II
Report Date: 08/15/2023

Analytical Report *prepared for:*

Austin Moore
Rincon Consultants
449 15th Street
#303
Oakland, CA 94612

Project: 20-10491 - Hangar 1 NTCRA

Authorized for release by:



John Goyette, Service Center Manager
(510) 204-2233 Ext 13112
john.goyette@enthalpy.com

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the above signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

CA ELAP# 1338, NELAP# 4038, SCAQMD LAP# 18LA0518, LACSD ID# 10105

ENTHALPY ANALYTICAL

Sample Summary

Austin Moore
Rincon Consultants
449 15th Street
#303
Oakland, CA 94612

Lab Job #:	489258
Project No:	20-10491
Location:	Hangar 1 NTCRA
Date Received:	07/27/23

Sample ID	Lab ID	Collected	Matrix
AFRAME-C6W-MED-L1-UP-C6.1-DG-230727-L-SS	489258-001	07/27/23 12:35	Wipe
AFRAME-C6W-MED-L1-UP-C6.1-DG-230727-P-SS	489258-002	07/27/23 12:35	Wipe

ENTHALPY ANALYTICAL

Case Narrative

Rincon Consultants 449 15th Street #303 Oakland, CA 94612 Austin Moore	Lab Job Number: 489258 Project No: 20-10491 Location: Hangar 1 NTCRA Date Received: 07/27/23

This data package contains sample and QC results for one wipe sample, requested for the above referenced project on 07/28/23. The sample was received cold and intact.

Metals (EPA 6010B):
No analytical problems were encountered.

489258

ENTHALPY ANALYTICAL

Chain of Custody Record

COC ID:

Page: 1 of 1

Turn Around Time (rush by advanced notice only)

Standard: | 5 Day: | 3 Day:
2 Day: | 1 Day: X (Pb) DW | Custom TAT: X (same day for Pb)

Enthalpy Analytical - Orange

931 W. Barkley Avenue, Orange, CA 92868

Phone 714-771-6900

Matrix: A = Air S = Soil/Solid W = Water DW = Drinking Wate SD = Sediment PP = Pure Product SEA = Sea Water SW = Swab T = Tissue WP = Wipe O = Other

Preservatives: 1 = $Na_2S_2O_3$ 2 = HCl 3 = HNO_3 4 = H_2SO_4 5 = NaOH 6 = Other

Report: Level II data validation

Sample Receipt Temp: 6-0/21 (lab use only) pads

CUSTOMER INFORMATION		PROJECT INFORMATION	
Company:	Rincon Consultants, Inc.	Quote #:	RIN031721
Report To:	Lindsay Parker	Proj. Name:	Hangar 1 - NCTRA WP
Email:	lparker@rinconconsultants.com	Proj. #:	20-10491
Address:	449 15th Street, Suite 303	P.O. #:	
	Oakland, California 94612	Address:	158 Cody Road, Mountain View, CA
Phone:	(651) 890-9556	Global ID:	
Fax:		Sampled By:	D. Welsh

	Sample ID	Sampling Date	Sampling Time	Matrix	Container No. / Size	Pres.	PCBs - EPA Method 8082	Lead - EPA Method 3050/6010B							HOLD	Test Instructions / Comments
1	AFRAME-C6W-MED-L1-UP-C6.1-DG-230727-L-SS	7/27/2023	1235	WP	1	--		X								
2	AFRAME-C6W-MED-L1-UP-C6.1-DG-230727-P-SS	7/27/23	1235	WP	1	--	X									Put Sample on HOLD
3																
4																
5																
6																
7																
8																
9																
10																
11																
12																
13																
14																
15																

Analysis Request

Test Instructions / Comments

Confirmation Wipe Samples - Level II Report/Stage 2A Validation

Report PCB concentrations on a µg/100cm2 basis

Report lead concentrations on a µg/ft2 basis

Report Aroclor 1268 concentrations in addition to the standard Aroclors

Wipe samples collected from Zone 4 Enclosure C/D (High Occupancy)

	Signature	Print Name	Company / Title	Date / Time
1 Relinquished By:		Donald Welsh	Rincon / Env. Sci.	7/27/23 1335
1 Received By:	Audrey Hudson	AUDREY HUDSON	ENTHALPY	7/27/23 13:35
2 Relinquished By:	Audrey Hudson	"	"	7/27/23 15:19
2 Received By:		Maxwell Y/S	EA	7/27/23 15:19
3 Relinquished By:		Maxwell Y/S	EA	7/27/23 15:46
3 Received By:		C-Lynn	CA	7/27/23 15:46

The below sample checklist was completed after delivery of samples by the laboratory provided courier or Rincon personnel to Enthalpy Analytical in Berkeley, CA.

SAMPLE RECEIPT CHECKLIST

ENTHALPY

Section 1: General Info

Date Received: 7/27/23 Login # 489258 Client: Rincon

Section 2: Shipping / Custody

Shipping Info: _____

Are custody seals present? o No ✓Yes If yes, where? ✓on cooler, o on samples, o on package

Custody seals intact on arrival? ☑Yes ☐ No ☐ N/A Date: 7/27/23 # of seals 1 ☐ Signature ☑Initials

Section 3: Condition / Packaging ***Important*: Notify PM if temperature exceeds 6°C or arrive frozen**

Date Opened 7/27/23 By (print) AM (sign) _____

✓Samples received on ice directly from the field. Cooling process had begun. (if checked, skip temperatures)

If no cooler: Sample Temp (°C): _____

How many coolers? 1 Temp (°C): #1:_____ #2:_____ #3:_____ #4:_____ #5:_____ #6: _____

Temperature measured using o Thermometer ID:_____, or IR Gun # o B o C

Type of ice used : ✓Wet, o Blue/Gel, o None Temperature blank(s) included? ☐ Yes, ☐ No

Section 4: Containers / Labels / Samples	YES	NO	N/A
Were custody papers dry, filled out properly, and the project identifiable?	✓		
Were Method 5035 sampling containers present? Transferred to freezer @:		✓	
Did all containers arrive unbroken/unopened?	✓		
Are there any missing / extra samples?		✓	
Are samples in the appropriate containers for indicated tests?	✓		
Are sample labels present, in good condition and complete?	✓		
Does the container count match the COC?	✓		
Do the sample labels agree with custody papers?	✓		
Was sufficient amount of sample sent for tests requested?	✓		
Did you change the hold time in LIMS for unpreserved VOAs?			✓
Did you change the hold time in LIMS for preserved terracores?			✓
Are bubbles > 6mm present in VOA samples?			✓
Was the client contacted about this delivery? Contacted:_____ By:_____ Date:		✓	

Section 5: Preservatives	YES	NO	N/A
Are the samples appropriately preserved? (if yes, skip the rest of section 5)			
Did any samples / containers require preservation upon receipt?			
Did you document your preservative check in the bench book?			

Preservative added:

o H2SO4 lot#	added to samples	Date/Time
o HCL lot#	added to samples	Date/Time
o HNO3 lot#	added to samples	Date/Time
o CrVI Buffer lot#	added to samples	Date/Time

Section 6: Explanations / Comments

Date Logged 7/27/23 By (print) AM (sign) _____

Date Labeled 7/27/23 By (print) AM (sign) _____

The below sample checklist was completed after the samples were shipped from the Enthalpy Analytical location in Berkeley, CA to the Enthalpy Analytical location in Orange, CA.

ENTHALPY ANALYTICAL

489258

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Rincon Consultants Project: Hangar 1 NTCRA

Date Received: 07/28/23 Sampler's Name Present: ☐ Yes ☐ No

Section 2

Sample(s) received in a cooler? ☑ Yes, How many? 1 ☐ No (skip section 2) Sample Temp (°C) (No Cooler): _____

Sample Temp (°C), One from each cooler: #1: 0.0 #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: FedEx

Section 3

Was the cooler packed with: ☑ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: 2.1 #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✔		
Are sample IDs present?	✔		
Are sampling dates & times present?	✔		
Is a relinquished signature present?	✔		
Are the tests required clearly indicated on the COC?	✔		
Are custody seals present?	✔		
If custody seals are present, were they intact?	✔		
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			✔
Did all samples arrive intact? If no, indicate in Section 4 below.	✔		
Did all bottle labels agree with COC? (ID, dates and times)	✔		
Were the samples collected in the correct containers for the required tests?	✔		
Are the containers labeled with the correct preservatives?			✔
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✔
Was a sufficient amount of sample submitted for the requested tests?	✔		

Section 5 Explanations/Comments

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: _____ Date/Time _____

☐ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 7/28/23



After printing this label:
1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.

Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery,misdelivery,or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental,consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is $1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

ENTHALPY ANALYTICAL

Lead

Lab #: 489258 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Field ID:	AFRAME-C6W-MED-L1-UP-C6.1-DG-230727-L-SS	**Batch#:**	319156	**Prep:**	EPA 3050B
Type:	SAMPLE	**Sampled:**	07/27/23	**Analysis:**	EPA 6010B
Lab ID:	489258-001	**Received:**	07/27/23	**Analyst:**	SBW
Matrix:	Wipe	**Prepared:**	07/28/23		
Diln Fac:	1.000	**Analyzed:**	07/28/23		

489258-001 Analyte	Result	RL	Units
Lead	**1.9**	0.50	ug/ft2

Type:	BLANK	**Batch#:**	319156	**Analysis:**	EPA 6010B
Lab ID:	QC1082995	**Prepared:**	07/28/23	**Analyst:**	SBW
Matrix:	Wipe	**Analyzed:**	07/28/23		
Diln Fac:	1.000	**Prep:**	EPA 3050B		

QC1082995 Analyte	Result	RL	Units
Lead	ND	0.50	ug/ft2

Legend

ND: Not Detected

RL: Reporting Limit

ENTHALPY ANALYTICAL

Lead: Batch QC

Lab #: 489258 **Project#:** 20-10491

Client: Rincon Consultants **Location:** Hangar 1 NTCRA

Type: BS **Batch#:** 319156 **Analysis:** EPA 6010B

Lab ID: QC1082996 **Prepared:** 07/28/23 **Analyst:** SBW

Matrix: Wipe **Analyzed:** 07/28/23

DiIn Fac: 1.000 **Prep:** EPA 3050B

QC1082996 Analyte	Spiked	Result	%REC	Limits	Units
Lead	50.00	52.34	105	80-120	ug/ft2

Type: BSD **Batch#:** 319156 **Analysis:** EPA 6010B

Lab ID: QC1082997 **Prepared:** 07/28/23 **Analyst:** SBW

Matrix: Wipe **Analyzed:** 07/28/23

DiIn Fac: 1.000 **Prep:** EPA 3050B

QC1082997 Analyte	Spiked	Result	%REC	Limits	Units	RPD	Lim
Lead	50.00	51.94	104	80-120	ug/ft2	1	20

Legend

RPD: Relative Percent Difference

Attachment 4

ProUCL Input and Output Files

Attachment 4
Hangar 1 Data Summary Submittal for the High Occupancy Area of Zone 4
ProUCL Lead Input File

Sample ID	LeadResults	d_LeadResults
AFRAME-C6E-MED-L3-EXT-1 TO 2-230601-DUP-WF	170	1
AFRAME-C6E-LAT-L3-UP-C6.7-DG-230601-LA	110	1
AFRAME-C6E-MED-L3-UP-C6.5-HM-230601-CB	62	1
AFRAME-C7E-LAT-L3-EXT-1 TO 2-230601-DUP-WF	280	1
AFRAME-C7E-LAT-L3-UP-C7.1-DG-230601-LA	110	1
AFRAME-C7E-MED-L3-UP-C7.6-HM-230601-CB	140	1
AFRAME-C6E-LAT-L3-UP-C6.4-DG-230601-LA	69	1
AFRAME-C6E-MED-L3-UP-C6E-DG-230601-LA	71	1
AFRAME-C7E-MED-L3-UP-C7E-DG-230601-LA	81	1
AFRAME-C7E-LAT-L3-UP-C7.3-DG-230601-LA	140	1
AFRAME-C7E-LAT-L3-UP-C7.6-HS-230601-LA	66	1
AFRAME-C6E-LAT-L3-EXT-0 TO 1-230601-WF	81	1
AFRAME-C6E-MED-L3-DN-C6.2-DG-230601-LA	180	1
AFRAME-C7E-MED-L3-EXT-0 TO 1-230601-WF	110	1
AFRAME-C7E-LAT-L3-DN-C7E-DG-230601-LA	110	1
AFRAME-C7E-MED-L3-DN-C7.5-DG-230601-LA	49	1
AFRAME-C6E-MED-L2-EXT-0 TO 1-230601-WF	290	1
AFRAME-C6E-MED-L2-INT-0.5 TO 1-230601-FB	170	1
AFRAME-C6E-MED-L2-UP-C6.6-DG-230601-LA	390	1
AFRAME-C7E-MED-L2-HS-1-230601-G	250	1
AFRAME-C7E-LAT-L2-INT-0.5 TO 1-230601-FB	180	1
AFRAME-C7E-LAT-L2-EXT-0 TO 1-230601-DUP-WF	270	1
AFRAME-C7E-LAT-L2-UP-C7.1-VS-230601-I	12	0
AFRAME-C7E-MED-L2-UP-C7.2-DG-230601-LA	240	1
AFRAME-C6E-LAT-L2-INT-0 TO 0.5-230601-FB	420	1
AFRAME-C6E-LAT-L2-DN-C6.1-DG-230601-LA	140	1
AFRAME-C7E-MED-L2-INT-0 TO 0.5-230601-FB	310	1
AFRAME-C7E-MED-L2-EXT-0 TO 1-230601-WF	290	1
AFRAME-C7E-MED-L2-DN-C7.5-VS-230601-LA	240	1
AFRAME-C6E-MED-L1-HS-3-230601-G	210	1
AFRAME-C6E-MED-L1-HS-3-230601-A	280	1
AFRAME-C6E-LAT-L1-HS-3-230601-A	330	1
AFRAME-C6E-LAT-L1-UP-C6.1-VS-230601-I	300	1
AFRAME-C6E-MED-L1-UP-C6.1-DG-230601-SS	330	1
AFRAME-C6E-MED-L1-UP-C6.6-DG-230601-SS	260	1
AFRAME-C7E-LAT-L1-HS-3-230601-A	290	1
AFRAME-C7E-LAT-L1-UP-C7.7-VS-230601-I	250	1
AFRAME-C7E-MED-L1-UP-C7.6-DG-230601-SS	10	0
AFRAME-C6E-LAT-L1-EXT-1 TO 2-230601-WF	400	1
AFRAME-C6E-MED-L1-INT-1 TO 2-230601-FB	190	1

Sample ID	LeadResults	d_LeadResults
AFRAME-C6E-LAT-L1-UP-C6.7-HS-230601-LA	98	1
AFRAME-C7E-LAT-L1-INT-1 TO 2-230601-FB	63	1
AFRAME-C7E-LAT-L1-UP-C7E-HS-230601-LA	66	1
AFRAME-C6E-MED-L1-EXT-0 TO 1-230601-WF	110	1
AFRAME-C6E-MED-L1-DN-C6.7E-DG-230601-SS	57	1
AFRAME-C7E-MED-L1-INT-0 TO 1-230601-FB	59	1
AFRAME-C7E-LAT-L1-EXT-0 TO 1-230601-WF	97	1
AFRAME-C7E-MED-L1-DN-C7E-DG-230601-SS	56	1
AFRAME-C6W-MED-L3-EXT-1 TO 2-230724-WF	56	1
AFRAME-C6W-LAT-L3-UP-C6.7-DG-230724-LA	34	1
AFRAME-C6W-MED-L3-UP-C6.5-HM-230724-CB	22	1
AFRAME-C7W-LAT-L3-EXT-1 TO 2-230724-DUP-WF	57	1
AFRAME-C7W-LAT-L3-UP-C7.1-DG-230724-LA	78	1
AFRAME-C7W-MED-L3-UP-C7.6-HM-230724-CB	23	1
AFRAME-C6W-LAT-L3-UP-C6.4-DG-230724-LA	42	1
AFRAME-C6W-MED-L3-UP-C6W-DG-230724-LA	56	1
AFRAME-C7W-MED-L3-UP-C7W-DG-230724-LA	43	1
AFRAME-C7W-LAT-L3-UP-C7.3-DG-230724-LA	28	1
AFRAME-C7W-LAT-L3-UP-C7.6-HS-230724-LA	56	1
AFRAME-C6W-LAT-L3-INT-0 TO1-230724-WF	43	1
AFRAME-C6W-MED-L3-DN-C6.2-DG-230724-LA	89	1
AFRAME-C7W-MED-L3-INT-0 TO 1-230724-WF	87	1
AFRAME-C7W-LAT-L3-DN-C7W-DG-230724-LA	43	1
AFRAME-C7W-MED-L3-DN-C7.5-DG-230724-LA	120	1
AFRAME-C6W-MED-L2-EXT-0 TO 1-230724-WF	13	1
AFRAME-C6W-MED-L2-INT-0.5 TO 1-230724-FB	18	1
AFRAME-C6W-MED-L2-UP-C6.6-DG-230724-LA	110	1
AFRAME-C7W-LAT-L2-INT-0.5 TO 1-230724-FB	67	1
AFRAME-C7W-LAT-L2-EXT-0 TO 1-230724-DUP-WF	160	1
AFRAME-C6W-LAT-L1-HS-3-230724-DUP-A	220	1
AFRAME-C6W-LAT-L1-UP-C6.1-VS-230724-I	95	1
AFRAME-C6W-MED-L1-UP-C6.1-DG-230727-SS	1.9	1
AFRAME-C6W-MED-L1-UP-C6.6-DG-230724-DUP-SS	200	1
AFRAME-C7W-LAT-L1-HS-3-230724-A	62	1
AFRAME-C7W-LAT-L1-UP-C7.7-VS-230724-I	61	1
AFRAME-C7W-MED-L1-UP-C7.6-DG-230724-SS	120	1
AFRAME-C7W-MED-L2-HS-1-230725-G	47	1
AFRAME-C7W-LAT-L2-UP-C7.1-VS-230725-I	37	1
AFRAME-C7W-MED-L2-UP-C7.2-DG-230725-LA	85	1
AFRAME-C6W-LAT-L2-INT-0 TO 0.5-230725-FB	66	1

Sample ID	LeadResults	d_LeadResults
AFRAME-C6W-LAT-L2-DN-C6.1-DG-230725-LA	98	1
AFRAME-C7W-MED-L2-INT-0 TO 0.5-230725-FB	52	1
AFRAME-C7W-MED-L2-EXT-0 TO 1-230725-WF	59	1
AFRAME-C7W-MED-L2-DN-C7.5-VS-230725-LA	75	1
AFRAME-C6W-MED-L1-HS-3-230725-G	20	1
AFRAME-C6W-MED-L1-HS-3-230725-A	27	1
AFRAME-C6W-LAT-L1-EXT-1 TO 2-230725-WF	280	1
AFRAME-C6W-MED-L1-INT-1 TO 2-230725-FB	210	1
AFRAME-C6W-LAT-L1-UP-C6.7-HS-230725-LA	160	1
AFRAME-C7W-LAT-L1-INT-1 TO 2-230725-FB	69	1
AFRAME-C7W-LAT-L1-UP-C7W-HS-230725-LA	110	1
AFRAME-C6W-MED-L1-EXT-0 TO 1-230725-WF	140	1
AFRAME-C6W-MED-L1-DN-C6.7W-DG-230725-SS	190	1
AFRAME-C7W-MED-L1-INT-0 TO 1-230725-FB	110	1
AFRAME-C7W-LAT-L1-EXT-0 TO 1-230725-WF	100	1
AFRAME-C7W-MED-L1-DN-C7W-DG-230725-SS	65	1

UCL Statistics for Data Sets with Non-Detects

User Selected Options	
Date/Time of Computation	ProUCL 5.2 10/2/2023 2:12:22 PM
From File	Z4_HO_Lead_UCL_Input.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

LeadResults

General Statistics			
Total Number of Observations	96	Number of Distinct Observations	60
Number of Detects	94	Number of Non-Detects	2
Number of Distinct Detects	58	Number of Distinct Non-Detects	2
Minimum Detect	1.9	Minimum Non-Detect	10
Maximum Detect	420	Maximum Non-Detect	12
Variance Detects	9962	Percent Non-Detects	2.083%
Mean Detects	132.7	SD Detects	99.81
Median Detects	98	CV Detects	0.752
Skewness Detects	1.028	Kurtosis Detects	0.176
Mean of Logged Detects	4.573	SD of Logged Detects	0.885

Normal GOF Test on Detects Only		
Shapiro Wilk Test Statistic	0.872	**Normal GOF Test on Detected Observations Only**
1% Shapiro Wilk P Value	2.257E-11	Detected Data Not Normal at 1% Significance Level
Lilliefors Test Statistic	0.196	**Lilliefors GOF Test**
1% Lilliefors Critical Value	0.106	Detected Data Not Normal at 1% Significance Level
Detected Data Not Normal at 1% Significance Level		

Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs			
KM Mean	129.9	KM Standard Error of Mean	10.26
90KM SD	100	95% KM (BCA) UCL	149.6
95% KM (t) UCL	147	95% KM (Percentile Bootstrap) UCL	147.7
95% KM (z) UCL	146.8	95% KM Bootstrap t UCL	148
90% KM Chebyshev UCL	160.7	95% KM Chebyshev UCL	174.7
97.5% KM Chebyshev UCL	194	99% KM Chebyshev UCL	232

Gamma GOF Tests on Detected Observations Only		
A-D Test Statistic	0.858	**Anderson-Darling GOF Test**
5% A-D Critical Value	0.768	Detected Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.0985	**Kolmogorov-Smirnov GOF**
5% K-S Critical Value	0.0938	Detected Data Not Gamma Distributed at 5% Significance Level
Detected Data Not Gamma Distributed at 5% Significance Level		

Gamma Statistics on Detected Data Only			
k hat (MLE)	1.735	k star (bias corrected MLE)	1.687
Theta hat (MLE)	76.45	Theta star (bias corrected MLE)	78.64
nu hat (MLE)	326.2	nu star (bias corrected)	317.1
Mean (detects)	132.7		

Gamma ROS Statistics using Imputed Non-Detects			
GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs			
GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)			
For such situations, GROS method may yield incorrect values of UCLs and BTVs			
This is especially true when the sample size is small.			
For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates			
Minimum	1.9	Mean	130
Maximum	420	Median	97.5
SD	100.5	CV	0.773
k hat (MLE)	1.505	k star (bias corrected MLE)	1.465
Theta hat (MLE)	86.37	Theta star (bias corrected MLE)	88.73
nu hat (MLE)	288.9	nu star (bias corrected)	281.2
Adjusted Level of Significance (β)	0.0475		
Approximate Chi Square Value (281.20, α)	243.4	Adjusted Chi Square Value (281.20, β)	242.8
95% Gamma Approximate UCL	150.2	95% Gamma Adjusted UCL	150.5

Estimates of Gamma Parameters using KM Estimates			
Mean (KM)	129.9	SD (KM)	100
Variance (KM)	9999	SE of Mean (KM)	10.26
k hat (KM)	1.688	k star (KM)	1.643
nu hat (KM)	324.2	nu star (KM)	315.4
theta hat (KM)	76.96	theta star (KM)	79.1
80% gamma percentile (KM)	199	90% gamma percentile (KM)	264.9
95% gamma percentile (KM)	328.4	99% gamma percentile (KM)	471.1

Gamma Kaplan-Meier (KM) Statistics			
Approximate Chi Square Value (315.38, α)	275.2	Adjusted Chi Square Value (315.38, β)	274.7
95% KM Approximate Gamma UCL	148.9	95% KM Adjusted Gamma UCL	149.2

Lognormal GOF Test on Detected Observations Only		
Shapiro Wilk Approximate Test Statistic	0.943	**Shapiro Wilk GOF Test**
10% Shapiro Wilk P Value	8.8015E-4	Detected Data Not Lognormal at 10% Significance Level
Lilliefors Test Statistic	0.0872	**Lilliefors GOF Test**
10% Lilliefors Critical Value	0.0838	Detected Data Not Lognormal at 10% Significance Level
Detected Data Not Lognormal at 10% Significance Level		

Lognormal ROS Statistics Using Imputed Non-Detects			
Mean in Original Scale	130.2	Mean in Log Scale	4.531
SD in Original Scale	100.2	SD in Log Scale	0.922
95% t UCL (assumes normality of ROS data)	147.2	95% Percentile Bootstrap UCL	147
95% BCA Bootstrap UCL	147.7	95% Bootstrap t UCL	148.3
95% H-UCL (Log ROS)	174.5		

Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution			
KM Mean (logged)	4.491	KM Geo Mean	89.2
KM SD (logged)	1.036	95% Critical H Value (KM-Log)	2.287
KM Standard Error of Mean (logged)	0.106	95% H-UCL (KM -Log)	194.6
KM SD (logged)	1.036	95% Critical H Value (KM-Log)	2.287
KM Standard Error of Mean (logged)	0.106		

DL/2 Statistics			
DL/2 Normal		DL/2 Log-Transformed	
Mean in Original Scale	130	Mean in Log Scale	4.513
SD in Original Scale	100.4	SD in Log Scale	0.968
95% t UCL (Assumes normality)	147	95% H-Stat UCL	181.6
DL/2 is not a recommended method, provided for comparisons and historical reasons			

Nonparametric Distribution Free UCL Statistics
Data do not follow a Discernible Distribution

Suggested UCL to Use			
95% KM (t) UCL	147		

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.
Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.
However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.

Attachment 4
Hangar 1 Data Summary Submittal for the High Occupancy Area of Zone 4
ProUCL PCBs Input File

Sample ID	Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1262	Aroclor 1268	d_Aroclor 1016	d_Aroclor 1221	d_Aroclor 1232	d_Aroclor 1242	d_Aroclor 1248	d_Aroclor 1254	d_Aroclor 1260	d_Aroclor 1262	d_Aroclor 1268
AFRAME-C6E-MED-L3-EXT-1 TO 2-230601-WF	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C6E-LAT-L3-UP-C6.7-DG-230601-LA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C6E-MED-L3-UP-C6.5-HM-230601-CB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C7E-LAT-L3-EXT-1 TO 2-230601-WF	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C7E-LAT-L3-UP-C7.1-DG-230601-LA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C7E-MED-L3-UP-C7.6-HM-230601-CB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C6E-LAT-L3-UP-C6.4-DG-230601-LA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C6E-MED-L3-UP-C6E-DG-230601-LA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C7E-MED-L3-UP-C7E-DG-230601-LA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C7E-LAT-L3-UP-C7.3-DG-230601-LA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C7E-LAT-L3-UP-C7.6-HS-230601-LA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C6E-LAT-L3-EXT-0 TO 1-230601-WF	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C6E-MED-L3-DN-C6.2-DG-230601-LA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C7E-MED-L3-EXT-0 TO 1-230601-WF	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C7E-LAT-L3-DN-C7E-DG-230601-LA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C7E-MED-L3-DN-C7.5-DG-230601-LA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C6E-MED-L2-EXT-0 TO 1-230601-WF	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C6E-MED-L2-INT-0.5 TO 1-230601-FB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C6E-MED-L2-UP-C6.6-DG-230601-LA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C7E-MED-L2-HS-1-230601-G	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C7E-LAT-L2-INT-0.5 TO 1-230601-FB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C7E-LAT-L2-EXT-0 TO 1-230601-WF	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C7E-LAT-L2-UP-C7.1-VS-230601-I	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C7E-MED-L2-UP-C7.2-DG-230601-LA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C6E-LAT-L2-INT-0 TO 0.5-230601-FB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C6E-LAT-L2-DN-C6.1-DG-230601-LA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C7E-MED-L2-INT-0 TO 0.5-230601-FB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C7E-MED-L2-EXT-0 TO 1-230601-WF	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C7E-MED-L2-DN-C7.5-VS-230601-LA	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	0	0	0	0	0	0	0	0	0
AFRAME-C6E-MED-L1-HS-3-230601-G	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C6E-MED-L1-HS-3-230601-A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C6E-LAT-L1-HS-3-230601-A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C6E-LAT-L1-UP-C6.1-VS-230601-I	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C6E-MED-L1-UP-C6.1-DG-230601-SS	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C6E-MED-L1-UP-C6.6-DG-230601-SS	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C7E-LAT-L1-HS-3-230601-A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C7E-LAT-L1-UP-C7.7-VS-230601-I	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C7E-MED-L1-UP-C7.6-DG-230601-SS	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C6E-LAT-L1-EXT-1 TO 2-230601-WF	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C6E-MED-L1-INT-1 TO 2-230601-FB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C6E-LAT-L1-UP-C6.7-HS-230601-LA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C7E-LAT-L1-INT-1 TO 2-230601-FB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0

Attachment 4
Hangar 1 Data Summary Submittal for the High Occupancy Area of Zone 4
ProUCL PCBs Input File

Sample ID	Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1262	Aroclor 1268	d_Aroclor 1016	d_Aroclor 1221	d_Aroclor 1232	d_Aroclor 1242	d_Aroclor 1248	d_Aroclor 1254	d_Aroclor 1260	d_Aroclor 1262	d_Aroclor 1268
AFRAME-C7E-LAT-L1-UP-C7E-HS-230601-LA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C6E-MED-L1-EXT-0 TO 1-230601-WF	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C6E-MED-L1-DN-C6.7E-DG-230601-SS	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C7E-MED-L1-INT-0 TO 1-230601-FB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C7E-LAT-L1-EXT-0 TO 1-230601-WF	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C7E-MED-L1-DN-C7E-DG-230601-SS	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C6W-MED-L3-EXT-1 TO 2-230724-WF	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C6W-LAT-L3-UP-C6.7-DG-230724-LA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C6W-MED-L3-UP-C6.5-HM-230724-CB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C7W-LAT-L3-EXT-1 TO 2-230724-WF	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C7W-LAT-L3-UP-C7.1-DG-230724-LA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C7W-MED-L3-UP-C7.6-HM-230724-CB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C6W-LAT-L3-UP-C6.4-DG-230724-LA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C6W-MED-L3-UP-C6W-DG-230724-LA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C7W-MED-L3-UP-C7W-DG-230724-LA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C7W-LAT-L3-UP-C7.3-DG-230724-LA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C7W-LAT-L3-UP-C7.6-HS-230724-LA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C6W-LAT-L3-INT-0 TO1-230724-WF	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C6W-MED-L3-DN-C6.2-DG-230724-LA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C7W-MED-L3-INT-0 TO 1-230724-WF	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C7W-LAT-L3-DN-C7W-DG-230724-LA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C7W-MED-L3-DN-C7.5-DG-230724-LA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C6W-MED-L2-EXT-0 TO 1-230724-WF	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C6W-MED-L2-INT-0.5 TO 1-230724-FB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C6W-MED-L2-UP-C6.6-DG-230724-LA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C7W-LAT-L2-INT-0.5 TO 1-230724-FB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C7W-LAT-L2-EXT-0 TO 1-230724-WF	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C6W-LAT-L1-HS-3-230724-A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C6W-LAT-L1-UP-C6.1-VS-230724-I	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C6W-MED-L1-UP-C6.1-DG-230727-SS	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C6W-MED-L1-UP-C6.6-DG-230724-SS	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C7W-LAT-L1-HS-3-230724-A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C7W-LAT-L1-UP-C7.7-VS-230724-I	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C7W-MED-L1-UP-C7.6-DG-230724-SS	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C7W-MED-L2-HS-1-230725-G	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C7W-LAT-L2-UP-C7.1-VS-230725-I	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C7W-MED-L2-UP-C7.2-DG-230725-LA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C6W-LAT-L2-INT-0 TO 0.5-230725-FB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C6W-LAT-L2-DN-C6.1-DG-230725-LA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C7W-MED-L2-INT-0 TO 0.5-230725-FB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C7W-MED-L2-EXT-0 TO 1-230725-WF	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C7W-MED-L2-DN-C7.5-VS-230725-LA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0

Sample ID	Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	Aroclor 1262	Aroclor 1268	d_Aroclor 1016	d_Aroclor 1221	d_Aroclor 1232	d_Aroclor 1242	d_Aroclor 1248	d_Aroclor 1254	d_Aroclor 1260	d_Aroclor 1262	d_Aroclor 1268
AFRAME-C6W-MED-L1-HS-3-230725-G	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C6W-MED-L1-HS-3-230725-A	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C6W-LAT-L1-EXT-1 TO 2-230725-WF	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C6W-MED-L1-INT-1 TO 2-230725-FB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C6W-LAT-L1-UP-C6.7-HS-230725-LA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C7W-LAT-L1-INT-1 TO 2-230725-FB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C7W-LAT-L1-UP-C7W-HS-230725-LA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C6W-MED-L1-EXT-0 TO 1-230725-WF	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C6W-MED-L1-DN-C6.7W-DG-230725-SS	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C7W-MED-L1-INT-0 TO 1-230725-FB	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C7W-LAT-L1-EXT-0 TO 1-230725-WF	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0
AFRAME-C7W-MED-L1-DN-C7W-DG-230725-SS	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	0	0	0	0	0	0	0	0	0

UCL Statistics for Data Sets with Non-Detects	
User Selected Options	
Date/Time of Computation	ProUCL 5.2 9/1/2023 8:36:36 AM
From File	Z4_HO_PCB_UCL_Input.xls
Full Precision	OFF
Confidence Coefficient	95%
Number of Bootstrap Operations	2000

Aroclor 1016

General Statistics			
Total Number of Observations	0	Number of Distinct Observations	0
		Number of Missing Observations	96
Minimum	N/A	Mean	N/A
Maximum	N/A	Median	N/A
Warning: This data set only has 0 observations!			
Data set is too small to compute reliable and meaningful statistics and estimates!			
The data set for variable Aroclor 1016 was not processed!			

Aroclor 1221

General Statistics			
Total Number of Observations	0	Number of Distinct Observations	0
		Number of Missing Observations	96
Minimum	N/A	Mean	N/A
Maximum	N/A	Median	N/A
Warning: This data set only has 0 observations!			
Data set is too small to compute reliable and meaningful statistics and estimates!			
The data set for variable Aroclor 1221 was not processed!			

Aroclor 1232

General Statistics			
Total Number of Observations	0	Number of Distinct Observations	0
		Number of Missing Observations	96
Minimum	N/A	Mean	N/A
Maximum	N/A	Median	N/A
Warning: This data set only has 0 observations!			
Data set is too small to compute reliable and meaningful statistics and estimates!			
The data set for variable Aroclor 1232 was not processed!			

Aroclor 1242

General Statistics			
Total Number of Observations	0	Number of Distinct Observations	0
		Number of Missing Observations	96
Minimum	N/A	Mean	N/A
Maximum	N/A	Median	N/A
Warning: This data set only has 0 observations!			
Data set is too small to compute reliable and meaningful statistics and estimates!			
The data set for variable Aroclor 1242 was not processed!			

Aroclor 1248

General Statistics			
Total Number of Observations	0	Number of Distinct Observations	0
		Number of Missing Observations	96
Minimum	N/A	Mean	N/A
Maximum	N/A	Median	N/A
Warning: This data set only has 0 observations!			
Data set is too small to compute reliable and meaningful statistics and estimates!			
The data set for variable Aroclor 1248 was not processed!			

Aroclor 1254

General Statistics			
Total Number of Observations	0	Number of Distinct Observations	0
		Number of Missing Observations	96
Minimum	N/A	Mean	N/A
Maximum	N/A	Median	N/A
Warning: This data set only has 0 observations!			
Data set is too small to compute reliable and meaningful statistics and estimates!			
The data set for variable Aroclor 1254 was not processed!			

Aroclor 1260

General Statistics			
Total Number of Observations	0	Number of Distinct Observations	0
		Number of Missing Observations	96
Minimum	N/A	Mean	N/A
Maximum	N/A	Median	N/A
Warning: This data set only has 0 observations!			
Data set is too small to compute reliable and meaningful statistics and estimates!			
The data set for variable Aroclor 1260 was not processed!			

Aroclor 1262

General Statistics			
Total Number of Observations	0	Number of Distinct Observations	0
		Number of Missing Observations	96
Minimum	N/A	Mean	N/A
Maximum	N/A	Median	N/A
Warning: This data set only has 0 observations!			
Data set is too small to compute reliable and meaningful statistics and estimates!			
The data set for variable Aroclor 1262 was not processed!			

Aroclor 1268

General Statistics			
Total Number of Observations	0	Number of Distinct Observations	0
		Number of Missing Observations	96
Minimum	N/A	Mean	N/A
Maximum	N/A	Median	N/A
Warning: This data set only has 0 observations!			
Data set is too small to compute reliable and meaningful statistics and estimates!			
The data set for variable Aroclor 1268 was not processed!			

Attachment 5

Data Validation Reports

LABORATORY DATA CONSULTANTS, INC.
2701 Loker Ave. West, Suite 220, Carlsbad, CA 92010 Bus: 760-827-1100 Fax: 760-827-1099

Rincon Consultants, Inc.
250 E. 1st Street Suite 1400
Los Angeles, CA – 90012
ATTN: Mr. Ryan Thacher
rthacher@rinconconsultants.com

September 14, 2023

SUBJECT: Hangar 1 NTCRA - Data Validation

Dear Mr. Thacher,

Enclosed are the final validation reports for the fractions listed below. These SDGs were received on June 27, 2023. Attachment 1 is a summary of the samples that were reviewed for each analysis.

LDC Project #56993_RV1:

SDG #	**Fraction**
485697	Polychlorinated Biphenyls, Lead
486134	
486142	

The data validation was performed under Stage 2A & 3 guidelines. The analysis was validated using the following documents, as applicable to each method:

- USEPA National Functional Guidelines (NFG) for Organic Superfund Methods Data Review (November 2020)
- USEPA National Functional Guidelines (NFG) for Inorganic Superfund Methods Data Review (November 2020)
- EPA SW 846, Third Edition, Test Methods for Evaluating Solid Waste, update 1, July 1992; update IIA, August 1993; update II, September 1994; update IIB, January 1995; update III, December 1996; update IIIA, April 1998; IIIB, November 2004; update IV, February 2007; update V, July 2014; update VI, July 2018

Please feel free to contact us if you have any questions.

Sincerely,



Pei Geng
pgeng@lab-data.com
Project Manager/Senior Chemist

185 pages-ADV EDD

Attachment 1

Stage 2A/3 (client select) **LDC# 56993 (Rincon Consultants, Inc., Los Angeles, CA / Hangar 1 NTCRA)** **Project# 20-10491**

LDC	SDG#	DATE REC'D	(3) DATE DUE	PCBs (8082)		Pb (6010B)																													
Matrix:	Water/Soil/Wipe			W	WP	W	WP	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S
A	485697	06/27/23	07/19/23	0	31	0	31																												
B	486134	06/27/23	07/19/23	0	12	0	12																												
C	486142	06/27/23	07/19/23	0	44	0	44																												
Total	TR/PG			0	87	0	87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	174

Shaded cells indicate Stage 3 validation (all other cells are Stage 2A validation). Sample counts do not include MS, MSD, and DUP's. V:\LOGIN\Rincon\Moffett Field, Hangar 1 NTCRA\56993ST-Wipe.wpd

LDC Report# 56993_RV1

Automated Data Review Data Validation Report
Hangar 1 NTCRA

Sample Delivery Groups

485697
486134
486142

Only the highlighted SDGs contain samples that were collected in the High Occupancy Area of Zone 4

September 14, 2023

Introduction

This Data Validation Report (DVR) presents Stage 2A and Stage 3 data validation results for samples collected during the May 2022 sampling period. Data validation was performed in accordance with a modified outline of the US Environmental Protection Agency (EPA) National Functional Guidelines (NFG) for Organic Superfund Methods Data Review (November 2020) and USEPA National Functional Guidelines (NFG) for Inorganic Superfund Methods Data Review (November 2020). Where specific guidance was not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The analyses were performed by the following methods:

Polychlorinated Biphenyls (PCBs) by EPA SW 846 Method 8082
Lead by EPA SW 846 Method 6010B

Sample identifications, methods of analyses performed, and review levels on each sample are presented in Attachment 1. Overall data qualification summary is presented in Attachment 2. Automated Data Review outliers and manual data validation worksheets are presented in Enclosure I.

All sample results were subjected to Stage 2A data validation, which comprises an evaluation of quality control (QC) summary results. Selected samples were subjected to Stage 3 data validation as indicated on the Sample Summary Report. Stage 3 data validation is comprised of the QC summary forms as well as the raw data, to confirm sample quantitation and identification.

The following are definitions of the data qualifiers:

U Indicates the compound or analyte was analyzed for but not detected.

J Indicates an estimated value.

R Quality control indicates the data is not usable.

NJ Presumptive evidence of presence of the compound at an estimated quantity.

UJ Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.

Sample Receipt & Technical Holding Times

All samples were received in good condition and cooler temperatures upon receipt met validation criteria.

All technical holding time requirements were met.

Initial Calibration and Initial Calibration Verification

8082
The percent relative standard deviations (%RSD) were less than or equal to 20.0% for all analytes.

Average relative response factors (RRF) for all analytes were within validation criteria.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 15.0% for all analytes.

Initial calibration data were not reviewed for Stage 2A validation.

6010B
An initial calibration was performed as required by the method.

The initial calibration verification (ICV) standards were within QC limits.

Initial calibration data were not reviewed for Stage 2A validation.

Continuing Calibration

8082
Continuing calibration was performed at the required frequencies.

The percent differences (%D) were less than or equal to 15.0% for all analytes.

All of the continuing calibration relative response factors (RRF) were within validation criteria.

Continuing calibration data were not reviewed for Stage 2A validation.

6010B
Continuing calibrations were performed as required by the method.

The continuing calibration verification (CCV) standards were within QC limits.

Continuing calibration data were not reviewed for Stage 2A validation.

ICP Interference Check Sample Analysis

6010B
The frequency of interference check sample (ICS) analysis was met. All criteria were within QC limits.

Although lead was found in the ICSA standard, no qualification was necessary since the interferent concentrations in the samples were less than ninety percent of the spiked interference concentrations in the ICSA.

Interference check sample (ICS) analysis data were not reviewed for Stage 2A validation.

Laboratory Blanks

Laboratory blanks were performed as required by the methods. No contaminants were detected in the laboratory blanks.

Field Blanks

As discussed in the text of this DSS, the samples identified as media blank samples in this DVR are actually field blank samples, not media blank samples.

8082
Five media blanks were collected and analyzed. No contaminants were found.

6010B
Five media blanks were collected and analyzed. Five media blanks had detections for lead. The associated sample results were qualified as non-detected (U) due to media blank contamination as applicable. The sample results that were not detected or were significantly greater than the concentrations found in the media blank were not qualified. The details are presented in Enclosure I.

Surrogate Spikes

8082
Surrogates were added to all samples as required by the method. All surrogate recoveries (%R) were within QC limits.

Internal Standards

8082
All internal standard areas and retention times were within QC limits.

Internal standard data were not reviewed for Stage 2A validation.

Matrix Spike/Matrix Spike Duplicates

The collection of MS/MSDs for wipe samples is not required per the agency-approved UFP-QAPP.

Duplicate Sample Analysis

6010B
Laboratory duplicate (DUP) analyses is not required per the agency-approved UFP-QAPP.

Laboratory Control Samples

Laboratory control samples (LCS) and laboratory control sample duplicates (LCSD) were analyzed as required by the methods. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

Field Duplicates

8082
Eight field duplicate pairs were collected and analyzed. No results were detected in the field duplicates. The field duplicates are identified in Attachment 1.

6010B
Eight field duplicate pairs were collected and analyzed. All RPDs were within QC limits. The field duplicate result comparisons are presented in Enclosure I.

Target Analyte Quantitation

The laboratory reporting limits were evaluated. All laboratory reporting limits met the specified requirements.

Overall Assessment of Data

The analyses were conducted within all specifications of the methods. No results were rejected in these SDGs.

Due to media blank contamination, data were qualified as not detected in two samples.

Data flags are summarized and are presented as Attachment 2.

Attachment 1

Sample Summary Report by Analysis Method

Data Review Sample Summary Report by Analysis Method

Reviewed By: Blake Newell (7/19/2023) **Approved By:** **Laboratory: Enthalpy Orange**

Client Sample ID	*Lab Sample ID*	*Matrix*	*Sample Type*	*Preparation Method*	*Collection Date*	*Validation Code*
Lab Reporting Batch: 485697						
Method: 6010B						
230524-L-MEDBLANK2	485697-060	WIPE	FB	3050B	5/24/2023 8:15:00 AM	S2AVE
230524-L-MEDBLANK3	485697-062	WIPE	FB	3050B	5/24/2023 7:50:00 AM	S2AVE
ARCH-C6E-DG-5 TO 5.5-DN-C6.1-VS-230524-L-LA	485697-005	WIPE	N	3050B	5/24/2023 8:26:00 AM	S2AVE
ARCH-C6E-DG-5.5 TO 6-230524-L-DUP-FB	485697-016	WIPE	FD	3050B	5/24/2023 9:26:00 AM	S2AVE
ARCH-C6E-DG-5.5 TO 6-230524-L-FB	485697-015	WIPE	N	3050B	5/24/2023 9:26:00 AM	S2AVE
ARCH-C6E-DG-5.5 TO 6-UP-C6.4-HS-230524-L-LA	485697-018	WIPE	N	3050B	5/24/2023 9:42:00 AM	S2AVE
ARCH-C6E-DG-6 TO 6.5-DN-C6.1-DG-230524-L-LA	485697-030	WIPE	N	3050B	5/24/2023 10:58:00 AM	S2AVE
ARCH-C6E-DG-6 TO 6.5-UP-C6.3-VS-230524-L-LA	485697-022	WIPE	N	3050B	5/24/2023 10:15:00 AM	S2AVE
ARCH-C6E-DG-6.5 TO 7-UP-C6.3-HS-230524-L-LA	485697-036	WIPE	N	3050B	5/24/2023 8:25:00 AM	S2AVE
ARCH-C6E-DG-7.5 TO 8-DN-C6.1-VS-230524-L-LA	485697-054	WIPE	N	3050B	5/24/2023 10:35:00 AM	S2AVE
ARCH-C6E-DG-7.5 TO 8-DN-C6.7-DG-230524-L-LA	485697-052	WIPE	N	3050B	5/24/2023 10:20:00 AM	S2AVE
ARCH-C6E-DG-7.5 TO 8-UP-C6E-HM-230524-L-LA	485697-046	WIPE	N	3050B	5/24/2023 9:40:00 AM	S2AVE
ARCH-C6E-EXT-7 TO 8-230524-L-DUP-WF	485697-041	WIPE	FD	3050B	5/24/2023 9:05:00 AM	S2AVE
ARCH-C6E-EXT-7 TO 8-230524-L-WF	485697-040	WIPE	N	3050B	5/24/2023 9:05:00 AM	S2AVE
ARCH-C6E-INT-4.5 TO 5.5-230524-L-WF	485697-002	WIPE	N	3050B	5/24/2023 7:47:00 AM	S2AVE
ARCH-C6E-PS-5.5-230524-L-G	485697-009	WIPE	N	3050B	5/24/2023 8:38:00 AM	S2AVE
ARCH-C6E-PS-6.5-230524-L-G	485697-034	WIPE	N	3050B	5/24/2023 8:10:00 AM	S2AVE
ARCH-C7E-DG-5 TO 5.5-DN-C7.6-DG-230524-L-LA	485697-013	WIPE	N	3050B	5/24/2023 9:10:00 AM	S2AVE
ARCH-C7E-DG-5 TO 5.5-UP-C7.1-HS-230524-L-LA	485697-007	WIPE	N	3050B	5/24/2023 8:06:00 AM	S2AVE
ARCH-C7E-DG-5.5 TO 6-DN-C7.1-VS-230524-L-LA	485697-020	WIPE	N	3050B	5/24/2023 9:57:00 AM	S2AVE

Crossed out Sample IDs not collected in the High Occupancy Area of Zone 4.

Data Review Sample Summary Report by Analysis Method

Reviewed By: Blake Newell (7/19/2023) **Approved By:** **Laboratory: Enthalpy Orange**

Client Sample ID	*Lab Sample ID*	*Matrix*	*Sample Type*	*Preparation Method*	*Collection Date*	*Validation Code*
Method: 6010B						
ARCH-C7E-DG-6 TO 6.5-230524-L-DUP-FB	485697-025	WIPE	FD	3050B	5/24/2023 10:25:00 AM	S2AVE
ARCH-C7E-DG-6 TO 6.5-230524-L-FB	485697-024	WIPE	N	3050B	5/24/2023 10:25:00 AM	S2AVE
ARCH-C7E-DG-6 TO 6.5-DN-C7.3-DG-230524-L-LA	485697-032	WIPE	N	3050B	5/24/2023 8:00:00 AM	S2AVE
ARCH-C7E-DG-6 TO 6.5-UP-C7.5-VS-230524-L-LA	485697-028	WIPE	N	3050B	5/24/2023 10:40:00 AM	S2AVE
ARCH-C7E-DG-7 TO 7.5-UP-C7.1-VS-230524-L-LA	485697-043	WIPE	N	3050B	5/24/2023 8:50:00 AM	S2AVE
ARCH-C7E-DG-7 TO 7.5-UP-C7.5-DG-230524-L-LA	485697-050	WIPE	N	3050B	5/24/2023 9:50:00 AM	S2AVE
ARCH-C7E-DG-7 TO 8-DN-C7.5-VS-230524-L-LA	485697-056	WIPE	N	3050B	5/24/2023 10:45:00 AM	S2AVE
ARCH-C7E-DG-7.5 TO 8-230524-L-FB	485697-048	WIPE	N	3050B	5/24/2023 10:10:00 AM	S2AVE
ARCH-C7E-EXT-8 TO 9-230524-L-WF	485697-058	WIPE	N	3050B	5/24/2023 11:00:00 AM	S2AVE
ARCH-C7E-PS-5.5-230524-L-G	485697-011	WIPE	N	3050B	5/24/2023 8:52:00 AM	S2AVE
ARCH-C7E-PS-6.5-230524-L-G	485697-038	WIPE	N	3050B	5/24/2023 8:40:00 AM	S2AVE
Method: 8082						
230524-P-MEDBLANK2	485697-059	WIPE	FB	3546	5/24/2023 8:15:00 AM	S2AVE
230524-P-MEDBLANK3	485697-061	WIPE	FB	3546	5/24/2023 7:50:00 AM	S2AVE
ARCH-C6E-DG-5 TO 5.5-DN-C6.1-VS-230524-P-DUP-LA	485697-004	WIPE	N	3546	5/24/2023 8:26:00 AM	S2AVE
ARCH-C6E-DG-5 TO 5.5-DN-C6.1-VS-230524-P-LA	485697-003	WIPE	N	3546	5/24/2023 8:26:00 AM	S2AVE
ARCH-C6E-DG-5.5 TO 6-230524-P-FB	485697-014	WIPE	N	3546	5/24/2023 9:26:00 AM	S2AVE
ARCH-C6E-DG-5.5 TO 6-UP-C6.4-HS-230524-P-LA	485697-017	WIPE	N	3546	5/24/2023 9:42:00 AM	S2AVE
ARCH-C6E-DG-6 TO 6.5-DN-C6.1-DG-230524-P-LA	485697-029	WIPE	N	3546	5/24/2023 10:58:00 AM	S2AVE
ARCH-C6E-DG-6 TO 6.5-UP-C6.3-VS-230524-P-LA	485697-021	WIPE	N	3546	5/24/2023 10:15:00 AM	S2AVE
ARCH-C6E-DG-6.5 TO 7-UP-C6.3-HS-230524-P-LA	485697-035	WIPE	N	3546	5/24/2023 8:25:00 AM	S2AVE

Crossed out Sample IDs not collected in the High Occupancy Area of Zone 4.

Data Review Sample Summary Report by Analysis Method

Reviewed By: Blake Newell (7/19/2023) **Approved By:** **Laboratory: Enthalpy Orange**

Client Sample ID	*Lab Sample ID*	*Matrix*	*Sample Type*	*Preparation Method*	*Collection Date*	*Validation Code*
Method: 8082						
ARCH-C6E-DG-7.5 TO 8-DN-C6.1-VS-230524-P-LA	485697-053	WIPE	N	3546	5/24/2023 10:35:00 AM	S2AVE
ARCH-C6E-DG-7.5 TO 8-DN-C6.7-DG-230524-P-LA	485697-051	WIPE	N	3546	5/24/2023 10:20:00 AM	S2AVE
ARCH-C6E-DG-7.5 TO 8-UP-C6E-HM-230524-P-DUP-LA	485697-045	WIPE	FD	3546	5/24/2023 9:40:00 AM	S2AVE
ARCH-C6E-DG-7.5 TO 8-UP-C6E-HM-230524-P-LA	485697-044	WIPE	N	3546	5/24/2023 9:40:00 AM	S2AVE
ARCH-C6E-EXT-7 TO 8-230524-P-WF	485697-039	WIPE	N	3546	5/24/2023 9:05:00 AM	S2AVE
ARCH-C6E-INT-4.5 TO 5.5-230524-P-WF	485697-001	WIPE	N	3546	5/24/2023 7:47:00 AM	S2AVE
ARCH-C6E-PS-5.5-230524-P-G	485697-008	WIPE	N	3546	5/24/2023 8:38:00 AM	S2AVE
ARCH-C6E-PS-6.5-230524-P-G	485697-033	WIPE	N	3546	5/24/2023 8:10:00 AM	S2AVE
ARCH-C7E-DG-5 TO 5.5-DN-C7.6-DG-230524-P-LA	485697-012	WIPE	N	3546	5/24/2023 9:10:00 AM	S2AVE
ARCH-C7E-DG-5 TO 5.5-UP-C7.1-HS-230524-P-LA	485697-006	WIPE	N	3546	5/24/2023 8:06:00 AM	S2AVE
ARCH-C7E-DG-5.5 TO 6-DN-C7.1-VS-230524-P-LA	485697-019	WIPE	N	3546	5/24/2023 9:57:00 AM	S2AVE
ARCH-C7E-DG-6 TO 6.5-230524-P-FB	485697-023	WIPE	N	3546	5/24/2023 10:25:00 AM	S2AVE
ARCH-C7E-DG-6 TO 6.5-DN-C7.3-DG-230524-P-LA	485697-031	WIPE	N	3546	5/24/2023 8:00:00 AM	S2AVE
ARCH-C7E-DG-6 TO 6.5-UP-C7.5-VS-230524-P-DUP-LA	485697-027	WIPE	FD	3546	5/24/2023 10:40:00 AM	S2AVE
ARCH-C7E-DG-6 TO 6.5-UP-C7.5-VS-230524-P-LA	485697-026	WIPE	N	3546	5/24/2023 10:40:00 AM	S2AVE
ARCH-C7E-DG-7 TO 7.5-UP-C7.1-VS-230524-P-LA	485697-042	WIPE	N	3546	5/24/2023 8:50:00 AM	S2AVE
ARCH-C7E-DG-7 TO 7.5-UP-C7.5-DG-230524-P-LA	485697-049	WIPE	N	3546	5/24/2023 9:50:00 AM	S2AVE
ARCH-C7E-DG-7 TO 8-DN-C7.5-VS-230524-P-LA	485697-055	WIPE	N	3546	5/24/2023 10:45:00 AM	S2AVE
ARCH-C7E-DG-7.5 TO 8-230524-P-FB	485697-047	WIPE	N	3546	5/24/2023 10:10:00 AM	S2AVE
ARCH-C7E-EXT-8 TO 9-230524-P-WF	485697-057	WIPE	N	3546	5/24/2023 11:00:00 AM	S2AVE

Crossed out Sample IDs not collected in the High Occupancy Area of Zone 4.

Data Review Sample Summary Report by Analysis Method

Reviewed By: Blake Newell (7/19/2023) **Approved By:** **Laboratory: Enthalpy Orange**

Client Sample ID	*Lab Sample ID*	*Matrix*	*Sample Type*	*Preparation Method*	*Collection Date*	*Validation Code*
Method: 8082						
ARCH-C7E-PS-5.5-230524-P-G	485697-010	WIPE	N	3546	5/24/2023 8:52:00 AM	S2AVE
ARCH-C7E-PS-6.5-230524-P-G	485697-037	WIPE	N	3546	5/24/2023 8:40:00 AM	S2AVE

Crossed out Sample IDs not collected in the High Occupancy Area of Zone 4.

Data Review Sample Summary Report by Analysis Method

Reviewed By: Blake Newell (7/19/2023) **Approved By:** **Laboratory: Enthalpy Orange**

Client Sample ID	*Lab Sample ID*	*Matrix*	*Sample Type*	*Preparation Method*		*Collection Date*	*Validation Code*
Lab Reporting Batch: 486134							
Method: 6010B							
AFRAME-C6E-LAT-L3-UP-C6.4-DG-230601-L-LA	486134-018	WIPE	N	3050B		6/1/2023 9:35:00 AM	S3VEM
AFRAME-C6E-LAT-L3-UP-C6.7-DG-230601-L-LA	486134-006	WIPE	N	3050B		6/1/2023 8:20:00 AM	S3VEM
AFRAME-C6E-MED-L3-EXT-1 TO 2-230601-L-DUP-WF	486134-003	WIPE	FD	3050B		6/1/2023 8:45:00 AM	S3VEM
AFRAME-C6E-MED-L3-EXT-1 TO 2-230601-L-WF	486134-002	WIPE	N	3050B		6/1/2023 8:45:00 AM	S3VEM
AFRAME-C6E-MED-L3-UP-C6.5-HM-230601-L-CB	486134-008	WIPE	N	3050B		6/1/2023 8:35:00 AM	S3VEM
AFRAME-C6E-MED-L3-UP-C6E-DG-230601-L-LA	486134-020	WIPE	N	3050B		6/1/2023 9:50:00 AM	S3VEM
AFRAME-C7E-LAT-L3-EXT-1 TO 2-230601-L-DUP-WF	486134-011	WIPE	FD	3050B		6/1/2023 8:10:00 AM	S3VEM
AFRAME-C7E-LAT-L3-EXT-1 TO 2-230601-L-WF	486134-010	WIPE	N	3050B		6/1/2023 8:10:00 AM	S3VEM
AFRAME-C7E-LAT-L3-UP-C7.1-DG-230601-L-LA	486134-014	WIPE	N	3050B		6/1/2023 7:55:00 AM	S3VEM
AFRAME-C7E-LAT-L3-UP-C7.3-DG-230601-L-LA	486134-024	WIPE	N	3050B		6/1/2023 9:15:00 AM	S3VEM
AFRAME-C7E-MED-L3-UP-C7.6-HM-230601-L-CB	486134-016	WIPE	N	3050B		6/1/2023 7:45:00 AM	S3VEM
AFRAME-C7E-MED-L3-UP-C7E-DG-230601-L-LA	486134-022	WIPE	N	3050B		6/1/2023 9:25:00 AM	S3VEM
Method: 8082							
AFRAME-C6E-LAT-L3-UP-C6.4-DG-230601-P-LA	486134-017	WIPE	N		3546	6/1/2023 9:35:00 AM	S3VEM
AFRAME-C6E-LAT-L3-UP-C6.7-DG-230601-P-DUP-LA	486134-005	WIPE	FD		3546	6/1/2023 8:20:00 AM	S3VEM
AFRAME-C6E-LAT-L3-UP-C6.7-DG-230601-P-LA	486134-004	WIPE	N		3546	6/1/2023 8:20:00 AM	S3VEM
AFRAME-C6E-MED-L3-EXT-1 TO 2-230601-P-WF	486134-001	WIPE	N		3546	6/1/2023 8:45:00 AM	S3VEM
AFRAME-C6E-MED-L3-UP-C6.5-HM-230601-P-CB	486134-007	WIPE	N		3546	6/1/2023 8:35:00 AM	S3VEM
AFRAME-C6E-MED-L3-UP-C6E-DG-230601-P-LA	486134-019	WIPE	N		3546	6/1/2023 9:50:00 AM	S3VEM
AFRAME-C7E-LAT-L3-EXT-1 TO 2-230601-P-WF	486134-009	WIPE	N		3546	6/1/2023 8:10:00 AM	S3VEM

Data Review Sample Summary Report by Analysis Method

Reviewed By: Blake Newell (7/19/2023) **Approved By:** **Laboratory: Enthalpy Orange**

Client Sample ID	*Lab Sample ID*	*Matrix*	*Sample Type*	*Preparation Method*	*Collection Date*	*Validation Code*
Method: 8082						
AFRAME-C7E-LAT-L3-UP-C7.1-DG-230601-P-DUP-LA	486134-013	WIPE	FD	3546	6/1/2023 7:55:00 AM	S3VEM
AFRAME-C7E-LAT-L3-UP-C7.1-DG-230601-P-LA	486134-012	WIPE	N	3546	6/1/2023 7:55:00 AM	S3VEM
AFRAME-C7E-LAT-L3-UP-C7.3-DG-230601-P-LA	486134-023	WIPE	N	3546	6/1/2023 9:15:00 AM	S3VEM
AFRAME-C7E-MED-L3-UP-C7.6-HM-230601-P-CB	486134-015	WIPE	N	3546	6/1/2023 7:45:00 AM	S3VEM
AFRAME-C7E-MED-L3-UP-C7E-DG-230601-P-LA	486134-021	WIPE	N	3546	6/1/2023 9:25:00 AM	S3VEM

Data Review Sample Summary Report by Analysis Method

Reviewed By: **Approved By:** **Laboratory: Enthalpy Orange**

Client Sample ID	*Lab Sample ID*	*Matrix*	*Sample Type*	*Preparation Method*	*Collection Date*	*Validation Code*
Lab Reporting Batch: 486142						
Method: 6010B						
230601-L-MEDBLANK1	486142-084	WIPE	FB	3050B	6/1/2023 7:34:00 AM	S2AVE
230601-L-MEDBLANK2	486142-086	WIPE	FB	3050B	6/1/2023 7:40:00 AM	S2AVE
230601-L-MEDBLANK3	486142-088	WIPE	FB	3050B	6/1/2023 1:20:00 PM	S2AVE
AFRAME-C6E-LAT-L1-EXT-1 TO 2-230601-L-WF	486142-064	WIPE	N	3050B	6/1/2023 2:40:00 PM	S2AVE
AFRAME-C6E-LAT-L1-HS-3-230601-L-A	486142-048	WIPE	N	3050B	6/1/2023 11:10:00 AM	S2AVE
AFRAME-C6E-LAT-L1-HS-3-230601-L-DUP-A	486142-049	WIPE	FD	3050B	6/1/2023 11:10:00 AM	S2AVE
AFRAME-C6E-LAT-L1-UP-C6.1-VS-230601-L-I	486142-051	WIPE	N	3050B	6/1/2023 1:15:00 PM	S2AVE
AFRAME-C6E-LAT-L1-UP-C6.7-HS-230601-L-LA	486142-068	WIPE	N	3050B	6/1/2023 1:10:00 PM	S2AVE
AFRAME-C6E-LAT-L2-DN-C6.1-DG-230601-L-LA	486142-035	WIPE	N	3050B	6/1/2023 8:25:00 AM	S2AVE
AFRAME-C6E-LAT-L2-INT-0 TO 0.5-230601-L-FB	486142-033	WIPE	N	3050B	6/1/2023 8:10:00 AM	S2AVE
AFRAME-C6E-LAT-L3-EXT-0 TO 1-230601-L-WF	486142-004	WIPE	N	3050B	6/1/2023 10:50:00 AM	S2AVE
AFRAME-C6E-MED-L1-DN-C6.7E-DG-230601-L-SS	486142-076	WIPE	N	3050B	6/1/2023 2:00:00 PM	S2AVE
AFRAME-C6E-MED-L1-EXT-0 TO 1-230601-L-WF	486142-074	WIPE	N	3050B	6/1/2023 2:55:00 PM	S2AVE
AFRAME-C6E-MED-L1-HS-3-230601-L-A	486142-046	WIPE	N	3050B	6/1/2023 11:00:00 AM	S2AVE
AFRAME-C6E-MED-L1-HS-3-230601-L-G	486142-044	WIPE	N	3050B	6/1/2023 10:50:00 AM	S2AVE
AFRAME-C6E-MED-L1-INT-1 TO 2-230601-L-FB	486142-066	WIPE	N	3050B	6/1/2023 3:00:00 PM	S2AVE
AFRAME-C6E-MED-L1-UP-C6.1-DG-230601-L-SS	486142-053	WIPE	N	3050B	6/1/2023 1:25:00 PM	S2AVE
AFRAME-C6E-MED-L1-UP-C6.6-DG-230601-L-DUP-SS	486142-056	WIPE	FD	3050B	6/1/2023 1:35:00 PM	S2AVE
AFRAME-C6E-MED-L1-UP-C6.6-DG-230601-L-SS	486142-055	WIPE	N	3050B	6/1/2023 1:35:00 PM	S2AVE
AFRAME-C6E-MED-L2-EXT-0 TO 1-230601-L-WF	486142-015	WIPE	N	3050B	6/1/2023 7:45:00 AM	S2AVE

Data Review Sample Summary Report by Analysis Method

Reviewed By: **Approved By:** **Laboratory: Enthalpy Orange**

Client Sample ID	*Lab Sample ID*	*Matrix*	*Sample Type*	*Preparation Method*	*Collection Date*	*Validation Code*
Method: 6010B						
AFRAME-C6E-MED-L2-INT-0.5 TO 1-230601-L-FB	486142-017	WIPE	N	3050B	6/1/2023 7:55:00 AM	S2AVE
AFRAME-C6E-MED-L2-UP-C6.6-DG-230601-L-LA	486142-020	WIPE	N	3050B	6/1/2023 8:45:00 AM	S2AVE
AFRAME-C6E-MED-L3-DN-C6.2-DG-230601-L-LA	486142-006	WIPE	N	3050B	6/1/2023 10:40:00 AM	S2AVE
AFRAME-C7E-LAT-L1-EXT-0 TO 1-230601-L-WF	486142-080	WIPE	N	3050B	6/1/2023 2:35:00 PM	S2AVE
AFRAME-C7E-LAT-L1-HS-3-230601-L-A	486142-058	WIPE	N	3050B	6/1/2023 1:50:00 PM	S2AVE
AFRAME-C7E-LAT-L1-INT-1 TO 2-230601-L-FB	486142-070	WIPE	N	3050B	6/1/2023 1:30:00 PM	S2AVE
AFRAME-C7E-LAT-L1-UP-C7.7-VS-230601-L-I	486142-060	WIPE	N	3050B	6/1/2023 2:00:00 PM	S2AVE
AFRAME-C7E-LAT-L1-UP-C7E-HS-230601-L-LA	486142-072	WIPE	N	3050B	6/1/2023 1:40:00 PM	S2AVE
AFRAME-C7E-LAT-L2-EXT-0 TO 1-230601-L-DUP-WF	486142-027	WIPE	FD	3050B	6/1/2023 9:25:00 AM	S2AVE
AFRAME-C7E-LAT-L2-EXT-0 TO 1-230601-L-WF	486142-026	WIPE	N	3050B	6/1/2023 9:25:00 AM	S2AVE
AFRAME-C7E-LAT-L2-INT-0.5 TO 1-230601-L-FB	486142-024	WIPE	N	3050B	6/1/2023 9:10:00 AM	S2AVE
AFRAME-C7E-LAT-L2-UP-C7.1-VS-230601-L-I	486142-029	WIPE	N	3050B	6/1/2023 9:40:00 AM	S2AVE
AFRAME-C7E-LAT-L3-DN-C7E-DG-230601-L-LA	486142-010	WIPE	N	3050B	6/1/2023 10:20:00 AM	S2AVE
AFRAME-C7E-LAT-L3-UP-C7.6-HS-230601-L-LA	486142-002	WIPE	N	3050B	6/1/2023 9:00:00 AM	S2AVE
AFRAME-C7E-MED-L1-DN-C7E-DG-230601-L-SS	486142-082	WIPE	N	3050B	6/1/2023 2:15:00 PM	S2AVE
AFRAME-C7E-MED-L1-INT-0 TO 1-230601-L-FB	486142-078	WIPE	N	3050B	6/1/2023 2:30:00 PM	S2AVE
AFRAME-C7E-MED-L1-UP-C7.6-DG-230601-L-SS	486142-062	WIPE	N	3050B	6/1/2023 2:10:00 PM	S2AVE
AFRAME-C7E-MED-L2-DN-C7.5-VS-230601-L-LA	486142-042	WIPE	N	3050B	6/1/2023 10:40:00 AM	S2AVE
AFRAME-C7E-MED-L2-EXT-0 TO 1-230601-L-WF	486142-039	WIPE	N	3050B	6/1/2023 10:20:00 AM	S2AVE
AFRAME-C7E-MED-L2-HS-1-230601-L-G	486142-022	WIPE	N	3050B	6/1/2023 9:50:00 AM	S2AVE

Data Review Sample Summary Report by Analysis Method

Reviewed By: **Approved By:** **Laboratory: Enthalpy Orange**

Client Sample ID	*Lab Sample ID*	*Matrix*	*Sample Type*	*Preparation Method*		*Collection Date*	*Validation Code*
Method: 6010B							
AFRAME-C7E-MED-L2-INT-0 TO 0.5-230601-L-FB	486142-037	WIPE	N	3050B		6/1/2023 10:00:00 AM	S2AVE
AFRAME-C7E-MED-L2-UP-C7.2-DG-230601-L-LA	486142-031	WIPE	N	3050B		6/1/2023 8:55:00 AM	S2AVE
AFRAME-C7E-MED-L3-DN-C7.5-DG-230601-L-LA	486142-013	WIPE	N	3050B		6/1/2023 10:05:00 AM	S2AVE
AFRAME-C7E-MED-L3-EXT-0 TO 1-230601-L-WF	486142-008	WIPE	N	3050B		6/1/2023 10:30:00 AM	S2AVE
Method: 8082							
230601-P-MEDBLANK1	486142-083	WIPE	FB		3546	6/1/2023 7:34:00 AM	S2AVE
230601-P-MEDBLANK2	486142-085	WIPE	FB		3546	6/1/2023 7:40:00 AM	S2AVE
230601-P-MEDBLANK3	486142-087	WIPE	FB		3546	6/1/2023 1:20:00 PM	S2AVE
AFRAME-C6E-LAT-L1-EXT-1 TO 2-230601-P-WF	486142-063	WIPE	N		3546	6/1/2023 2:40:00 PM	S2AVE
AFRAME-C6E-LAT-L1-HS-3-230601-P-A	486142-047	WIPE	N		3546	6/1/2023 11:10:00 AM	S2AVE
AFRAME-C6E-LAT-L1-UP-C6.1-VS-230601-P-I	486142-050	WIPE	N		3546	6/1/2023 1:15:00 PM	S2AVE
AFRAME-C6E-LAT-L1-UP-C6.7-HS-230601-P-LA	486142-067	WIPE	N		3546	6/1/2023 1:10:00 PM	S2AVE
AFRAME-C6E-LAT-L2-DN-C6.1-DG-230601-P-LA	486142-034	WIPE	N		3546	6/1/2023 8:25:00 AM	S2AVE
AFRAME-C6E-LAT-L2-INT-0 TO 0.5-230601-P-FB	486142-032	WIPE	N		3546	6/1/2023 8:10:00 AM	S2AVE
AFRAME-C6E-LAT-L3-EXT-0 TO 1-230601-P-WF	486142-003	WIPE	N		3546	6/1/2023 10:50:00 AM	S2AVE
AFRAME-C6E-MED-L1-DN-C6.7E-DG-230601-P-SS	486142-075	WIPE	N		3546	6/1/2023 2:00:00 PM	S2AVE
AFRAME-C6E-MED-L1-EXT-0 TO 1-230601-P-WF	486142-073	WIPE	N		3546	6/1/2023 2:55:00 PM	S2AVE
AFRAME-C6E-MED-L1-HS-3-230601-P-A	486142-045	WIPE	N		3546	6/1/2023 11:00:00 AM	S2AVE
AFRAME-C6E-MED-L1-HS-3-230601-P-G	486142-043	WIPE	N		3546	6/1/2023 10:50:00 AM	S2AVE
AFRAME-C6E-MED-L1-INT-1 TO 2-230601-P-FB	486142-065	WIPE	N		3546	6/1/2023 3:00:00 PM	S2AVE
AFRAME-C6E-MED-L1-UP-C6.1-DG-230601-P-SS	486142-052	WIPE	N		3546	6/1/2023 1:25:00 PM	S2AVE

Data Review Sample Summary Report by Analysis Method

Reviewed By: **Approved By:** **Laboratory: Enthalpy Orange**

Client Sample ID	*Lab Sample ID*	*Matrix*	*Sample Type*	*Preparation Method*	*Collection Date*	*Validation Code*
Method: 8082						
AFRAME-C6E-MED-L1-UP-C6.6-DG-230601-P-SS	486142-054	WIPE	N	3546	6/1/2023 1:35:00 PM	S2AVE
AFRAME-C6E-MED-L2-EXT-0 TO 1-230601-P-WF	486142-014	WIPE	N	3546	6/1/2023 7:45:00 AM	S2AVE
AFRAME-C6E-MED-L2-INT-0.5 TO 1-230601-P-FB	486142-016	WIPE	N	3546	6/1/2023 7:55:00 AM	S2AVE
AFRAME-C6E-MED-L2-UP-C6.6-DG-230601-P-DUP-LA	486142-019	WIPE	FD	3546	6/1/2023 8:45:00 AM	S2AVE
AFRAME-C6E-MED-L2-UP-C6.6-DG-230601-P-LA	486142-018	WIPE	N	3546	6/1/2023 8:45:00 AM	S2AVE
AFRAME-C6E-MED-L3-DN-C6.2-DG-230601-P-LA	486142-005	WIPE	N	3546	6/1/2023 10:40:00 AM	S2AVE
AFRAME-C7E-LAT-L1-EXT-0 TO 1-230601-P-WF	486142-079	WIPE	N	3546	6/1/2023 2:35:00 PM	S2AVE
AFRAME-C7E-LAT-L1-HS-3-230601-P-A	486142-057	WIPE	N	3546	6/1/2023 1:50:00 PM	S2AVE
AFRAME-C7E-LAT-L1-INT-1 TO 2-230601-P-FB	486142-069	WIPE	N	3546	6/1/2023 1:30:00 PM	S2AVE
AFRAME-C7E-LAT-L1-UP-C7.7-VS-230601-P-I	486142-059	WIPE	N	3546	6/1/2023 2:00:00 PM	S2AVE
AFRAME-C7E-LAT-L1-UP-C7E-HS-230601-P-LA	486142-071	WIPE	N	3546	6/1/2023 1:40:00 PM	S2AVE
AFRAME-C7E-LAT-L2-EXT-0 TO 1-230601-P-WF	486142-025	WIPE	N	3546	6/1/2023 9:25:00 AM	S2AVE
AFRAME-C7E-LAT-L2-INT-0.5 TO 1-230601-P-FB	486142-023	WIPE	N	3546	6/1/2023 9:10:00 AM	S2AVE
AFRAME-C7E-LAT-L2-UP-C7.1-VS-230601-P-I	486142-028	WIPE	N	3546	6/1/2023 9:40:00 AM	S2AVE
AFRAME-C7E-LAT-L3-DN-C7E-DG-230601-P-LA	486142-009	WIPE	N	3546	6/1/2023 10:20:00 AM	S2AVE
AFRAME-C7E-LAT-L3-UP-C7.6-HS-230601-P-LA	486142-001	WIPE	N	3546	6/1/2023 9:00:00 AM	S2AVE
AFRAME-C7E-MED-L1-DN-C7E-DG-230601-P-SS	486142-081	WIPE	N	3546	6/1/2023 2:15:00 PM	S2AVE
AFRAME-C7E-MED-L1-INT-0 TO 1-230601-P-FB	486142-077	WIPE	N	3546	6/1/2023 2:30:00 PM	S2AVE
AFRAME-C7E-MED-L1-UP-C7.6-DG-230601-P-SS	486142-061	WIPE	N	3546	6/1/2023 2:10:00 PM	S2AVE
AFRAME-C7E-MED-L2-DN-C7.5-VS-230601-P-DUP-LA	486142-041	WIPE	FD	3546	6/1/2023 10:40:00 AM	S2AVE

Data Review Sample Summary Report by Analysis Method

Reviewed By: **Approved By:** **Laboratory: Enthalpy Orange**

Client Sample ID	*Lab Sample ID*	*Matrix*	*Sample Type*	*Preparation Method*	*Collection Date*	*Validation Code*
Method: 8082						
AFRAME-C7E-MED-L2-DN-C7.5-VS-230601-P-LA	486142-040	WIPE	N	3546	6/1/2023 10:40:00 AM	S2AVE
AFRAME-C7E-MED-L2-EXT-0 TO 1-230601-P-WF	486142-038	WIPE	N	3546	6/1/2023 10:20:00 AM	S2AVE
AFRAME-C7E-MED-L2-HS-1-230601-P-G	486142-021	WIPE	N	3546	6/1/2023 9:50:00 AM	S2AVE
AFRAME-C7E-MED-L2-INT-0 TO 0.5-230601-P-FB	486142-036	WIPE	N	3546	6/1/2023 10:00:00 AM	S2AVE
AFRAME-C7E-MED-L2-UP-C7.2-DG-230601-P-LA	486142-030	WIPE	N	3546	6/1/2023 8:55:00 AM	S2AVE
AFRAME-C7E-MED-L3-DN-C7.5-DG-230601-P-DUP-LA	486142-012	WIPE	FD	3546	6/1/2023 10:05:00 AM	S2AVE
AFRAME-C7E-MED-L3-DN-C7.5-DG-230601-P-LA	486142-011	WIPE	N	3546	6/1/2023 10:05:00 AM	S2AVE
AFRAME-C7E-MED-L3-EXT-0 TO 1-230601-P-WF	486142-007	WIPE	N	3546	6/1/2023 10:30:00 AM	S2AVE

Data Review Sample Summary Report by Analysis Method

Reviewed By: **Approved By:** **Laboratory: Enthalpy Orange**

Client Sample ID	*Lab Sample ID*	*Matrix*	*Sample Type*	*Preparation Method*	*Collection Date*	*Validation Code*

Validation Label Legend

Label Code	*Label Decription*	*EPA Level*
S1VE	Stage_1_Validation_Electronic	N/A
S1VM	Stage_1_Validation_Manual	N/A
S1VEM	Stage_1_Validation_Electronic_and_Manual	N/A
S2AVE	Stage_2A_Validation_Electronic	Level 3 w/o calibration
S2AVM	Stage_2A_Validation_Manual	Level 3 w/o calibration
S2AVEM	Stage_2A_Validation_Electronic_and_Manual	Level 3 w/o calibration
S2BVE	Stage_2B_Validation_Electronic	Level 3 with calibration
S2BVM	Stage_2B_Validation_Manual	Level 3 with calibration
S2BVEM	Stage_2B_Validation_Electronic_and_Manual	Level 3 with calibration
S3VE	Stage_3_Validation_Electronic	Level 4
S3VM	Stage_3_Validation_Manual	Level 4
S3VEM	Stage_3_Validation_Electronic_and_Manual	Level 4
S4VE	Stage_4_Validation_Electronic	Level 4
S4VM	Stage_4_Validation_Manual	Level 4
S4VEM	Stage_4_Validation_Electronic_and_Manual	Level 4
NV	Not_Validated	N/A

Attachment 2

Overall Data Qualification Summary

SDG# 485697 does not contain samples collected in the high occupancy area of Zone 4.

Data Qualifier Summary

Lab Reporting Batch ID: 485697
EDD Filename: Prep485697

Laboratory: Enthalpy Orange
eQAPP Name:

No Data Review Qualifiers Applied.

Data Qualifier Summary

Lab Reporting Batch ID: 486134
EDD Filename: Prep486134

Laboratory: Enthalpy Orange
eQAPP Name:

No Data Review Qualifiers Applied.

Data Qualifier Summary

Lab Reporting Batch ID: 486142 **Laboratory: Enthalpy Orange**

EDD Filename: Prep486142 **eQAPP Name:**

Method Category: **METALS**

Method: **6010B** ***Matrix:*** **WIPE**

Sample ID: **AFRAME-C7E-LAT-L2-UP-C7.1-VS-230601-L-I** ***Collected:*** **6/1/2023 9:40:00 AM** ***Analysis Type:*** **RES** ***Dilution:*** **1.000**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
LEAD	12		0.072	MDL	0.25	CRQL	ug/ft2	U	Fb

Sample ID: **AFRAME-C7E-MED-L1-UP-C7.6-DG-230601-L-SS** ***Collected:*** **6/1/2023 2:10:00 PM** ***Analysis Type:*** **RES** ***Dilution:*** **1.000**

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
LEAD	10		0.072	MDL	0.25	CRQL	ug/ft2	U	Fb

* denotes a non-reportable result

Project Name and Number: 20-10491 - Hangar 1 NTCRA

Data Qualifier Summary

Lab Reporting Batch ID: 486142

Laboratory: Enthalpy Orange

EDD Filename: Prep486142

eQAPP Name:

Reason Code Legend

Reason Code	*Description*
Fb	Field Blank Contamination

* denotes a non-reportable result

Project Name and Number: 20-10491 - Hangar 1 NTCRA

Enclosure I

Validation Outlier Reports

Quality Control
Outlier Reports

485697

SDG# 485697 does not contain samples collected in the high occupancy area of Zone 4.

The line item for field blanks includes any blank samples collected in the field (i.e., field blank and/or media blank samples).

LDC #: 56993A3b
SDG #: 485697
Laboratory: Enthalpy Analytical, Orange, CA

VALIDATION COMPLETENESS WORKSHEET
Stage 2A

Date: 7/6/2023
Page: __ of __
Reviewer: 1st
2nd Reviewer: _____

METHOD: GC Polychlorinated Biphenyls (EPA SW-846 Method 8082)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A / A	
II.	Initial calibration/ICV	N/N	
III.	Continuing calibration	N	
IV.	Laboratory Blanks	ND	
V.	Field blanks	ND	FB= 30, 31
VI.	Surrogate spikes	A	
VII.	Matrix spike/Matrix spike duplicates	N	
VIII.	Laboratory control samples	A	
IX.	Field duplicates	ND	FD = 3/2, 14/13, 23/22
X.	Target analyte quantitation	N	
XI.	Target analyte identification	N	
XII	Overall assessment of data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank; SB=Source blank; OTHER:

	Client ID	Lab ID	Matrix	Date
1	ARCH-C6E-INT-4.5 TO 5.5-230524-P-WF	485697-001	Wipe	05/24/23
2	ARCH-C6E-DG-5 TO 5.5-DN-C6.1-VS-230524-P-LA	485697-003	Wipe	05/24/23
3	ARCH-C6E-DG-5 TO 5.5-DN-C6.1-VS-230524-P-DUP-LA	485697-004	Wipe	05/24/23
4	ARCH-C7E-DG-5 TO 5.5-UP-C7.1-HS-230524-P-LA	485697-006	Wipe	05/24/23
5	ARCH-C6E-PS-5.5-230524-P-G	485697-008	Wipe	05/24/23
6	ARCH-C7E-PS-5.5-230524-P-G	485697-010	Wipe	05/24/23
7	ARCH-C7E-DG-5 TO 5.5-DN-7.6-DG-230524-P-LA	485697-012	Wipe	05/24/23
8	ARCH-C6E-DG-5.5 TO 6-230524-P-FB	485697-014	Wipe	05/24/23
9	ARCH-C6E-DG-5.5 TO 6-UP-C6.4-HS-230524-P-LA	485697-017	Wipe	05/24/23
10	ARCH-C7E-DG-5.5 TO 6-DN-C7.1-VS-230524-P-LA	485697-019	Wipe	05/24/23
11	ARCH-C6E-DG-6 TO 6.5-UP-C6.3-VS-230524-P-LA	485697-021	Wipe	05/24/23
12	ARCH-C7E-DG-6 TO 6.5-230524-P-FB	485697-023	Wipe	05/24/23
13	ARCH-C7E-DG-6 TO 6.5-UP-C7.5-VS-230524-P-LA	485697-026	Wipe	05/24/23
14	ARCH-C7E-DG-6 TO 6.5-UP-C7.5-VS-230524-P-DUP-LA	485697-027	Wipe	05/24/23
15	ARCH-C6E-DG-6 TO 6.5-DN-C6.1-DG-230524-P-LA	485697-029	Wipe	05/24/23
16	ARCH-C7E-DG-6 TO 6.5-DN-C7.3-DG-230524-P-LA	485697-031	Wipe	05/24/23
17	ARCH-C6E-PS-6.5-230524-P-G	485697-033	Wipe	05/24/23

LDC #: 56993A3b

SDG #: 485697

Laboratory: Enthalpy Analytical, Orange, CA

VALIDATION COMPLETENESS WORKSHEET

Stage 2A

Date:_____

Page:__of___

Reviewer:_____

2nd Reviewer:_____

METHOD: GC Polychlorinated Biphenyls (EPA SW-846 Method 8082)

	Client ID	Lab ID	Matrix	Date
18	ARCH-C6E-DG-6.5 TO 7-UP-C6.3-HS-230524-P-LA	485697-035	Wipe	05/24/23
19	ARCH-C7E-PS-6.5-230524-P-G	485697-037	Wipe	05/24/23
20	ARCH-C6E-EXT-7 TO 8-230524-P-WF	485697-039	Wipe	05/24/23
21	ARCH-C7E-DG-7 TO 7.5-UP-C7.1-VS-230524-P-LA	485697-042	Wipe	05/24/23
22	ARCH-C6E-DG-7.5 TO 8-UP-C6E-HM-230524-P-LA	485697-044	Wipe	05/24/23
23	ARCH-C6E-DG-7.5 TO 8-UP-C6E-HM-230524-P-DUP-LA	485697-045	Wipe	05/24/23
24	ARCH-C7E-DG-7.5 TO 8-230524-P-FB	485697-047	Wipe	05/24/23
25	ARCH-C7E-DG-7 TO 7.5-UP-C7.5-DG-230524-P-LA	485697-049	Wipe	05/24/23
26	ARCH-C6E-DG-7.5 TO 8-DN-C6.7-DG-230524-P-LA	485697-051	Wipe	05/24/23
27	ARCH-C6E-DG-7.5-TO 8-DN-C6.1-VS-230524-P-LA	485697-053	Wipe	05/24/23
28	ARCH-C7E-DG-7 TO 8-DN-C7.5-VS-230524-P-LA	485697-055	Wipe	05/24/23
29	ARCH-C7E-EXT-8 TO 9-230524-P-WF	485697-057	Wipe	05/24/23
30	230524-P-MEDBLANK2	485697-059	Wipe	05/24/23
31	230524-P-MEDBLANK3	485697-061	Wipe	05/24/23
32				
33				
34				

Notes:

The line item for field blanks includes any blank samples collected in the field (i.e., field blank and/or media blank samples).

LDC #: 56993A4b
SDG #: 485697
Laboratory: Enthalpy Analytical, Orange, CA

VALIDATION COMPLETENESS WORKSHEET
Stage 2A

Date: 7/19/2023
Page: of
Reviewer:
2nd Reviewer:

METHOD: Lead (EPA SW-846 Method 6010B)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A / A	
II.	Instrument Calibration	N	
III.	ICP Interference Check Sample (ICS) Analysis	N	
IV.	Laboratory Blanks	ND	
V.	Field Blanks	SW	FB= 30, 31
VI.	Matrix Spike/Matrix Spike Duplicates	N	
VII.	Duplicate sample analysis	N	
VIII.	Serial Dilution	N	
IX.	Laboratory control samples	A	
X.	Field Duplicates	SW	FD = 8/7, 12/12, 21/20
XI.	Target Analyte Quantitation	N	
XII.	Overall Assessment of Data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank; SB=Source blank; OTHER:

	Client ID	Lab ID	Matrix	Date
1	ARCH-C6E-INT-4.5 TO 5.5-230524-L-WF	485697-002	Wipe	05/24/23
2	ARCH-C6E-DG-5 TO 5.5-DN-C6.1-VS-230524-L-LA	485697-005	Wipe	05/24/23
3	ARCH-C7E-DG-5 TO 5.5-UP-C7.1-HS-230524-L-LA	485697-007	Wipe	05/24/23
4	ARCH-C6E-PS-5.5-230524-L-G	485697-009	Wipe	05/24/23
5	ARCH-C7E-PS-5.5-230524-L-G	485697-011	Wipe	05/24/23
6	ARCH-C7E-DG-5 TO 5.5-DN-7.6-DG-230524-L-LA	485697-013	Wipe	05/24/23
7	ARCH-C6E-DG-5.5 TO 6-230524-L-FB	485697-015	Wipe	05/24/23
8	ARCH-C6E-DG-5.5 TO 6-230524-L-DUP-FB	485697-016	Wipe	05/24/23
9	ARCH-C6E-DG-5.5 TO 6-UP-C6.4-HS-230524-L-LA	485697-018	Wipe	05/24/23
10	ARCH-C7E-DG-5.5 TO 6-DN-C7.1-VS-230524-L-LA	485697-020	Wipe	05/24/23
11	ARCH-C6E-DG-6 TO 6.5-UP-C6.3-VS-230524-L-LA	485697-022	Wipe	05/24/23
12	ARCH-C7E-DG-6 TO 6.5-230524-L-FB	485697-024	Wipe	05/24/23
13	ARCH-C7E-DG-6 TO 6.5-230524-L-DUP-FB	485697-025	Wipe	05/24/23
14	ARCH-C7E-DG-6 TO 6.5-UP-C7.5-VS-230524-L-LA	485697-028	Wipe	05/24/23
15	ARCH-C6E-DG-6 TO 6.5-DN-C6.1-DG-230524-L-LA	485697-030	Wipe	05/24/23
16	ARCH-C7E-DG-6 TO 6.5-DN-C7.3-DG-230524-L-LA	485697-032	Wipe	05/24/23
17	ARCH-C6E-PS-6.5-230524-L-G	485697-034	Wipe	05/24/23

LDC #: 56993A4b **VALIDATION COMPLETENESS WORKSHEET** Date:_____
SDG #: 485697 Stage 2A Page:__of__
Laboratory: Enthalpy Analytical, Orange, CA Reviewer:_____
2nd Reviewer:_____

METHOD: Lead (EPA SW-846 Method 6010B)

	Client ID	Lab ID	Matrix	Date
18	ARCH-C6E-DG-6.5 TO 7-UP-C6.3-HS-230524-L-LA	485697-036	Wipe	05/24/23
19	ARCH-C7E-PS-6.5-230524-L-G	485697-038	Wipe	05/24/23
20	ARCH-C6E-EXT-7 TO 8-230524-L-WF	485697-040	Wipe	05/24/23
21	ARCH-C6E-EXT-7 TO 8-230524-L-DUP-WF	485697-041	Wipe	05/24/23
22	ARCH-C7E-DG-7 TO 7.5-UP-C7.1-VS-230524-L-LA	485697-043	Wipe	05/24/23
23	ARCH-C6E-DG-7.5 TO 8-UP-C6E-HM-230524-L-LA	485697-046	Wipe	05/24/23
24	ARCH-C7E-DG-7.5 TO 8-230524-L-FB	485697-048	Wipe	05/24/23
25	ARCH-C7E-DG-7 TO 7.5-UP-C7.5-DG-230524-L-LA	485697-050	Wipe	05/24/23
26	ARCH-C6E-DG-7.5 TO 8-DN-C6.7-DG-230524-L-LA	485697-052	Wipe	05/24/23
27	ARCH-C6E-DG-7.5-TO 8-DN-C6.1-VS-230524-L-LA	485697-054	Wipe	05/24/23
28	ARCH-C7E-DG-7 TO 8-DN-C7.5-VS-230524-L-LA	485697-056	Wipe	05/24/23
29	ARCH-C7E-EXT-8 TO 9-230524-L-WF	485697-058	Wipe	05/24/23
30	230524-L-MEDBLANK2	485697-060	Wipe	05/24/23
31	230524-L-MEDBLANK3	485697-062	Wipe	05/24/23
32				
33				
34				

Notes:_____

Field Blank Contamination Report

Lab Reporting Batch ID: 485697

Laboratory: Enthalpy Orange

EDD Filename: Prep485697

Moffett_Hangar_1_NTCRA_Enthalpy_230403

Method: 6010B
Matrix: WIPE

Analyte	*Sample*	*Concentration (ug/ft2)*	*Flag*
LEAD	230524-L-MEDBLANK2	0.63	No Qualifiers Applied

Field Blank Contamination Report

Lab Reporting Batch ID: 485697

Laboratory: Enthalpy Orange

EDD Filename: Prep485697

Moffett_Hangar_1_NTCRA_Enthalpy_230403

Method: 6010B
Matrix: WIPE

Analyte	*Sample*	*Concentration (ug/ft2)*	*Flag*
LEAD	230524-L-MEDBLANK3	0.88	No Qualifiers Applied

Field Duplicate RPD Report

Lab Reporting Batch ID: 485697 **Laboratory: Enthalpy Orange**

EDD Filename: Prep485697 **eQAPP Name:**

Method: 6010B
Matrix: WIPE

Analyte	*Concentration (ug/ft2)*		*Sample RPD*	*eQAPP RPD*	*Flag*
	ARCH-C6E-EXT-7 TO 8-230524-L-WF (TOT)	**ARCH-C6E-EXT-7 TO 8-230524-L-DUP-WF**			
LEAD	250	370	39	100.00	No Qualifiers Applied

Analyte	*Concentration (ug/ft2)*		*Sample RPD*	*eQAPP RPD*	*Flag*
	ARCH-C7E-DG-6 TO 6.5-230524-L-FB (TOT)	**ARCH-C7E-DG-6 TO 6.5-230524-L-DUP-FB**			
LEAD	18	16	12	100.00	No Qualifiers Applied

Analyte	*Concentration (ug/ft2)*		*Sample RPD*	*eQAPP RPD*	*Flag*
	ARCH-C6E-DG-5.5 TO 6-230524-L-FB (TOT)	**ARCH-C6E-DG-5.5 TO 6-230524-L-DUP-FB**			
LEAD	15	17	12	100.00	No Qualifiers Applied

Quality Control
Outlier Reports

486134

The line item for field blanks includes any blank samples collected in the field (i.e., field blank and/or media blank samples).

LDC #: 56993B3b
SDG #: 486134
Laboratory: Enthalpy Analytical, Orange, CA

VALIDATION COMPLETENESS WORKSHEET
Stage 3

Date: 7/17/23
Page: 1 of 1
Reviewer: [illegible]
2nd Reviewer: [illegible]

METHOD: GC Polychlorinated Biphenyls (EPA SW-846 Method 8082)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A/A	
II.	Initial calibration/ICV	A/A	%D ≤ 20 ICV ≤ 20 15% (F1)
III.	Continuing calibration	A	CCV ≤ 20 15%
IV.	Laboratory Blanks	A	
V.	Field blanks	N	
VI.	Surrogate spikes 1/9	A	
VII.	Matrix spike/Matrix spike duplicates	N	0/3
VIII.	Laboratory control samples	A	LCS 1P
IX.	Field duplicates	ND	D = 2, 3 6, 7
X.	Target analyte quantitation	A	
XI.	Target analyte identification	A	
XII	Overall assessment of data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank; SB=Source blank; OTHER:

	Client ID	Lab ID	Matrix	Date
1	AFRAME-C6E-MED-L3-EXT-1 TO 2-230601-P-WF	486134-001	Wipe	06/01/23
2	AFRAME-C6E-LAT-L3-UP-C6.7-DG-230601-P-LA D	486134-004	Wipe	06/01/23
3	AFRAME-C6E-LAT-L3-UP-C6.7-DG-230601-P-DUP-LA D	486134-005	Wipe	06/01/23
4	AFRAME-C6E-MED-L3-UP-C6.5-HM-230601-P-CB	486134-007	Wipe	06/01/23
5	AFRAME-C7E-LAT-L3-EXT-1 TO 2-230601-P-WF	486134-009	Wipe	06/01/23
6	AFRAME-C7E-LAT-L3-UP-C7.1-DG-230601-P-LA D1	486134-012	Wipe	06/01/23
7	AFRAME-C7E-LAT-L3-UP-C7.1-DG-230601-P-DUP-LA D1	486134-013	Wipe	06/01/23
8	AFRAME-C7E-MED-L3-UP-C7.6-HM-230601-P-CB	486134-015	Wipe	06/01/23
9	AFRAME-C6E-LAT-L3-UP-C6.4-DG-230601-P-LA	486134-017	Wipe	06/01/23
10	AFRAME-C6E-MED-L3-UP-C6E-DG-230601-P-LA	486134-019	Wipe	06/01/23
11	AFRAME-C7E-MED-L3-UP-C7E-DG-230601-P-LA	486134-021	Wipe	06/01/23
12	AFRAME-C7E-LAT-L3-UP-C7.3-DG-230601-P-LA	486134-023	Wipe	06/01/23
13				

Notes:

	315386						

The line item for field blanks includes any blank samples collected in the field (i.e., field blank and/or media blank samples).

LDC #: 56993B3b

VALIDATION FINDINGS CHECKLIST

Reviewer: FT

Method: ✓GC __HPLC

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Was cooler temperature criteria met?	✓			
IIa. Initial calibration				
Did the laboratory perform a 5 point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) ≤ 20%?	✓			
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥0.990?			✓	
Were the RT windows properly established?	✓			
IIb. Initial calibration verification				
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) ≤ ~~20%~~ 15%?	✓			
III. Continuing calibration				
Was a continuing calibration analyzed daily?	✓			
Were all percent differences (%D) ≤ ~~20%~~ 15%?	✓			
Were all the retention times within the acceptance windows?	✓			
IV. Laboratory Blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks?		✓		
V. Field Blanks				
Were field blanks identified in this SDG?		✓		
Were target analytes detected in the field blanks?			✓	
VI. Surrogate spikes				
Were all surrogate percent recovery (%R) within the QC limits?	✓			
If the percent recovery (%R) of one or more surrogates was outside QC limits, was a reanalysis performed to confirm %R?			✓	
If any %R was less than 10 percent, was a reanalysis performed to confirm %R?			✓	
VII. Matrix spike/Matrix spike duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?			✓	
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?			✓	
VIII. Laboratory control samples				
Was an LCS analyzed per analytical or extraction batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	✓			

Validation Area	Yes	No	NA	Findings/Comments
IX. Field duplicates				
Were field duplicate pairs identified in this SDG?	✓	.		
Were target analytes detected in the field duplicates?		✓		
X. Target analyte quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?	✓			
Were analyte quantitation and RLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	✓			
XI. Target analyte identification				
Were the retention times of reported detects within the RT windows?	✓			
Were manual integrations reviewed and found acceptable?	✓			
Did the laboratory provide before and after integration printouts?			✓	
XIII. Overall assessment of data				
Overall assessment of data was found to be acceptable.	✓			

VALIDATION FINDINGS WORKSHEET

METHOD: Pesticide/PCBs (EPASW 846 Method 8081/8082)

A. alpha-BHC	I. Dieldrin	Q. Endrin ketone	Y. Aroclor-1242	GG. Chlordane
B. beta-BHC	J. 4,4'-DDE	R. Endrin aldehyde	Z. Aroclor-1248	HH. Chlordane (Technical)
C. delta-BHC	K. Endrin	S. alpha-Chlordane	AA. Aroclor-1254	II. Aroclor 1262
D. gamma-BHC	L. Endosulfan II	T. gamma-Chlordane	BB. Aroclor-1260	JJ. Aroclor 1268
E. Heptachlor	M. 4,4'-DDD	U. Toxaphene	CC. 2,4'-DDD	KK. Oxychlordane
F. Aldrin	N. Endosulfan sulfate	V. Aroclor-1016	DD. 2,4'-DDE	LL. trans-Nonachlor
G. Heptachlor epoxide	O. 4,4'-DDT	W. Aroclor-1221	EE. 2,4'-DDT	MM. cis-Nonachlor
H. Endosulfan I	P. Methoxychlor	X. Aroclor-1232	FF. Hexachlorobenzene	NN.

Notes:_____

LDC #: 52993B3b

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Reviewer: FT
2nd Reviewer: _____

METHOD: GC ✓ HPLC _____

The calibration factors (CF) and relative standard deviation (%RSD) were recalculated using the following calculations:

CF = A/C
Average CF = sum of the CF/number of standards
%RSD = 100 * (S/X)

Where: A = Area of compound
C = Concentration of compound
S = Standard deviation of calibration factors
X = Mean of calibration factors

#	Standard ID	Calibration Date	Compound	Reported CF (250 std)	Recalculated CF (250 std)	Reported CF (initial)	Recalculated CF (intial)	Reported %RSD	Recalculated %RSD
1	ICAL	5/22/23	Aroclor 1260-1	0.0709	0.0709	0.0661	0.0661	14	14
			~~Sta~~ Ch A						
			Aroclor 1260-1	0.0579	0.0579	0.0564	0.0564	17	17
			Ch B						
2									
3									
4									

Comments: Refer to Initial Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 56993B3b

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Results Verification

Reviewer: FT

METHOD: GC ✓ HPLC _____

The percent difference (%D) of the initial calibration average Calibration Factors (CF) and the continuing calibration CF were recalculated for the target analytes identified below using the following calculation:

% Difference = 100 * (ave. CF -CF)/ave.CF

Where: ave. CF = initial calibration average CF
CF = continuing calibration CF
A = Area of target analyte
C = Concentration of target analyte

#	Standard ID	Calibration Date	Target Analyte	Average CF(Ical)/ CCV Conc.	Reported CF/ Conc. CCV	Recalculated CF/ Conc. CCV	Reported %D	Recalculated %D
1	ccv	6/5/23 1114	Aroclor 1260 chA	500.0	425.1	425.1	15	15
			chB	↓	448.0	448.0	10	10
2								
3								
4								

Comments: Refer to Continuing Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 56993B3b

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

Reviewer: FT

METHOD: ✓ GC ___ HPLC

The percent recoveries (%R) of surrogates were recalculated for the compounds identified below using the following calculation:

% Recovery: SF/SS * 100

Where: SF = Surrogate Found
SS = Surrogate Spiked

Sample ID: #1

Surrogate	Column/Detector	Surrogate Spiked	Surrogate Found	Percent Recovery	Percent Recovery	Percent Difference
				Reported	Recalculated	
TCMX	chB	50.0	31.903 U	64	64	0
DCB	↓	↓	31.748 U	63	63	0

Sample ID: _____

Surrogate	Column/Detector	Surrogate Spiked	Surrogate Found	Percent Recovery	Percent Recovery	Percent Difference
				Reported	Recalculated	

	Surrogate Compound		Surrogate Compound		Surrogate Compound		Surrogate Compound		Surrogate Compound
A	Chlorobenzene (CBZ)	G	Octacosane	M	Benzo(e)Pyrene	S	1-Chloro-3-Nitrobenzene	Y	Tetrachloro-m- xylene
B	4-Bromofluorobenzene (BFB)	H	Ortho-Terphenyl	N	Terphenyl-D14	T	3,4-Dinitrotoluene	Z	2-Bromonaphthalene
C	a,a,a-Trifluorotoluene	I	Fluorobenzene (FBZ)	O	Decachlorobiphenyl (DCB)	U	Tripentyltin	AA	Chloro-octadecane
D	Bromochlorobenene	J	n-Triacontane	P	1-methylnaphthalene	V	Tri-n-propyltin	BB	2,4-Dichlorophenylacetic acid
E	1,4-Dichlorobutane	K	Hexacosane	Q	Dichlorophenyl Acetic Acid (DCAA)	W	Tributyl Phosphate	CC	2,5-Dibromotoluene
F	1,4-Difluorobenzene (DFB)	L	Bromobenzene	R	4-Nitrophenol	X	Triphenyl Phosphate		

LDC #: 56993B3b

VALIDATION FINDINGS WORKSHEET

Laboratory Control Sample/Laboratory Control Sample Duplicates Results Verification

Reviewer: FT

METHOD: ✓ GC __HPLC

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control sample duplicate were recalculated for the target analytes identified below using the following calculation:

%Recovery = 100 * (SSC/SA)
RPD =(({SSCLCS - SSCLCSD} * 2) / (SSCLCS + SSCLCSD))*100

Where SSC = Spiked sample concentration
LCS = Laboratory Control Sample

SA = Spike added
LCSD = Laboratory Control Sample duplicate

LCS/LCSD samples: 315386 LCS 1R

Compound	Spike Added (ug/100 cm²)		Spike Sample Concentration (ug/100 cm²)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
Aroclor 1260	5.0	5.0	3.926	3.685	79	79	74	74	6	6

Comments: _____

LDC #: 56993B3b

VALIDATION FINDINGS WORKSHEET
Sample Calculation Verification

Reviewer: FT

METHOD: (GC)/HPLC/GCMS 8082

Y N N/A Were all reported results recalculated and verified for all level IV samples?
Y N N/A Were all recalculated results for detected target compounds agree within 10.0% of the reported results?

Concentration = $\frac{(A_x)(I_s)(V_t)(DF)(2.0)}{(A_{is})(RRF)(V_o)(V_i)(\%S)}$

A_x	=	Area of the characteristic ion (EICP) for the compound to be measured
A_{is}	=	Area of the characteristic ion (EICP) for the specific internal standard
I_s	=	Amount of internal standard added in nanograms (ng)
V_o	=	Volume or weight of sample extract in milliliters (ml) or grams (g).
V_i	=	Volume of extract injected in microliters (ul)
V_t	=	Volume of the concentrated extract in microliters (ul)
Df	=	Dilution Factor.
%S	=	Percent solids, applicable to soil and solid matrices only.
2.0	=	Factor of 2 to account for GPC cleanup

Example:

Sample I.D. 315386 (LCS) Aroclor 1260

Conc. = $\frac{(392.6)(10)}{(1.0)(1000)}$

= 3.926 ug/100 cm²

#	Sample ID	Compound	Reported Concentration (ug/100 cm²)	Calculated Concentration (ug/100 cm²)	Qualification
	LCS	Aroclor 1260	3.926	3.926	
	1260-1	1142 1492.189 (20)	= 397		
		10199909.8 (0.0661)			
		0.0584			
			1260-1 =	397	
			2 =	420.9	
			3 =	374.1	
			4 =	363.4	
			5 =	407.7	
				392.6	

The line item for field blanks includes any blank samples collected in the field (i.e., field blank and/or media blank samples).

LDC #: 56993B4b
SDG #: 486134
Laboratory: Enthalpy Analytical, Orange, CA

VALIDATION COMPLETENESS WORKSHEET
Stage 3

Date: 07/17/2023
Page: 1 of 1
Reviewer: JC
2nd Reviewer:

METHOD: Lead (EPA SW-846 Method 6010B)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A, A	
II.	Instrument Calibration	~~A~~ A	
III.	ICP Interference Check Sample (ICS) Analysis	SW	
IV.	Laboratory Blanks	A	
V.	Field Blanks	N	
VI.	Matrix Spike/Matrix Spike Duplicates	N	
VII.	Duplicate sample analysis	N	
VIII.	Serial Dilution	N	
IX.	Laboratory control samples	A	LCS/LCSD
X.	Field Duplicates	SW	(1,2), (5,6)
XI.	Target Analyte Quantitation	A	
XII.	Overall Assessment of Data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank; SB=Source blank; OTHER:

	Client ID	Lab ID	Matrix	Date
1	AFRAME-C6E-MED-L3-EXT-1 TO 2-230601-L-WF	486134-002	Wipe	06/01/23
2	AFRAME-C6E-MED-L3-EXT-1 TO 2-230601-L-DUP-WF	486134-003	Wipe	06/01/23
3	AFRAME-C6E-LAT-L3-UP-C6.7-DG-230601-L-LA	486134-006	Wipe	06/01/23
4	AFRAME-C6E-MED-L3-UP-C6.5-HM-230601-L-CB	486134-008	Wipe	06/01/23
5	AFRAME-C7E-LAT-L3-EXT-1 TO 2-230601-L-WF	486134-010	Wipe	06/01/23
6	AFRAME-C7E-LAT-L3-EXT-1 TO 2-230601-L-DUP-WF	486134-011	Wipe	06/01/23
7	AFRAME-C7E-LAT-L3-C7.1-DG-230601-L-LA	486134-014	Wipe	06/01/23
8	AFRAME-C7E-MED-L3-UP-C7.6-HM-230601-L-CB	486134-016	Wipe	06/01/23
9	AFRAME-C6E-LAT-L3-UP-C6.4-DG-230601-L-LA	486134-018	Wipe	06/01/23
10	AFRAME-C6E-MED-L3-UP-C6E-DG-230601-L-LA	486134-020	Wipe	06/01/23
11	AFRAME-C7E-MED-L3-UP-C7E-DG-230601-L-LA	486134-022	Wipe	06/01/23
12	AFRAME-C7E-LAT-L3-UP-C7.3-DG-230601-L-LA	486134-024	Wipe	06/01/23
13				
14				
15				

Notes:

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)				
Validation Area	**Yes**	**No**	**NA**	**Comments**
I. Technical holding times				
Were all technical holding times met?	X			
Were all water samples preserved to a pH of <2.			X	
II. ICP-MS Tune				
Were mass resolutions within 0.1 amu for all isotopes in the tuning solution?			X	
Were %RSDs of isoptoes in the tuning solution ≤5%?			X	
III. Calibration				
Were all instruments calibrated daily?	X			
Were the proper standards used?	X			
Were all initial and continuing calibration verifications within the 90-110% (80-120% for mercury) QC limits?	X			
Were the low level standard checks within 70-130%?			X	
Were all initial calibration correlation coefficients within limits as specifed by the method?	X			
IV. Blanks				
Was a method blank associated with every sample in this SDG?	X			
Was there contamination in the method blanks?	X			
Was there contamination in the initial and continuing calibration blanks?		X		
V. Interference Check Sample				
Were the interference check samples performed daily?	X			
Were the AB solution recoveries within 80-120%?		X		
VI. Matrix Spike/Matrix Spike Duplicates/Laboratory Duplicates				
Were MS/MSD recoveries within the QC limits? (If the sample concentration exceeded the spike concentration by a factor of 4, no action was taken.)			X	
Were the MS/MSD or laboratory duplicate relative percent differences (RPDs) within the QC limits?			X	
VII. Laboratory Control Samples				
Was a LCS analyzed for each batch in the SDG?	X			
Were the LCS recoveries and RPDs (if applicable) within QC limits?	X			

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)				
Validation Area	**Yes**	**No**	**NA**	**Comments**
VIII. Internal Standards				
Were all percent recoveries within the 30-120% (60-125% for EPA Method 200.8) QC limits?			X	
If the recoveries were outside the limits, was a reanalysis performed?			X	
IX. Serial Dilution				
Were all percent differences <10%?			X	
Was there evidence of negative interference? If yes, professional judgement will be used to qualify the data.			X	
X. Target Analyte Quantitation				
Were all reporting limits adjusted to reflect sample dilutions?	X			
Were all soil samples dry weight corrected?			X	
XI. Overall Assessment of Data				
Was the overall assessment of the data found to be acceptable?	X			
XII. Field Duplicates				
Were field duplicates identifed in this SDG?	X			
Were target analytes detected in the field duplicates?	X			
XIII. Field Blanks				
Were field blanks identified in this SDG?		X		
Were target analytes detected in the field blanks?			X	

The line item for field blanks includes any blank samples collected in the field (i.e., field blank and/or media blank samples).

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020)

All interference check sample A standards were performed at the required frequency with no contamination present with the following exceptions:

Date	Time	Calibration ID	Analyte	Concentration (mg/L)	Limit	Associated Samples	Qualification*	Det/ND
6/2/2023	9:32	ICSA	Pb	0.006391	0.00333	All	no qual (sample interferents <ICSA)	Det

Comments: *For 6010, qualification is only necessary when the interferring elements (Al, Ca, Fe, Mg) are >90% the level in the ICSA. The ICSA action level is establised at 10x the absolute value of the contamination.

Field Duplicate RPD Report

Lab Reporting Batch ID: 486134 **Laboratory: Enthalpy Orange**

EDD Filename: Prep486134 **eQAPP Name:**

Method: 6010B
Matrix: WIPE

Analyte	Concentration (ug/ft2)		Sample RPD	eQAPP RPD	Flag
	AFRAME-C7E-LAT-L3-EXT-1 TO 2-230601-L-	AFRAME-C7E-LAT-L3-EXT-1 TO 2-230601-L-			
LEAD	250	280	11	100.00	No Qualifiers Applied

Analyte	Concentration (ug/ft2)		Sample RPD	eQAPP RPD	Flag
	AFRAME-C6E-MED-L3-EXT-1 TO 2-230601-	AFRAME-C6E-MED-L3-EXT-1 TO 2-230601-L-			
LEAD	160	170	6	100.00	No Qualifiers Applied

Method: Metals

Analyte	Concentration (mg/L)		RPD (≤ 100)	Qualifiers (Parents Only)
	1	2		
Lead	160	170	6	

Analyte	Concentration (mg/L)		RPD (≤ 100)	Qualifiers (Parents Only)
	5	6		
Lead	250	280	11	

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)

An intial calibration verification (ICV), continuing calibration verification (CCV), low level calibration check (LLCC), and interference check sample (ICSAB) percent recovery (%R) was recalculated for each type of analysis using the following formula:

%R = (Found/True) x 100

Found = concentration of each analyte measured in the analysis

True = concentration of each analyte in the source

Standard ID	Type of Analysis	Element	Found (mg/L)	True (mg/L)	Recalculated %R	Reported %R	Acceptable (Y/N)
ICV	ICP	Pb	1.065	1	106.5	106	Y
CCV	ICP	Pb	1.038	1	103.8	103	Y
LLCC	ICP	Pb					
ICSAB	ICP	Pb	1.053	1	105.3	105	Y
ICV	ICP-MS						
CCV	ICP-MS						
LLCC	ICP-MS						
ICSAB	ICP-MS						
ICV	CVAA						
CCV	CVAA						

Quality Control Sample Recalculations

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)

Percent recoveries (%R) for the laboratory control sample (LCS), matrix spike (MS), and post digestion spike (PDS) were recalculated using the following formula:

%R = (Found/True) x 100

Found = concentration of each analyte measured in the analysis. For the MS calculation, Found = SSR (Spiked Sample Result) - SR (Sample Result)

True = concentration of each analyte in the source

The sample and duplicate relative percent difference (RPD) was recalculated using the following formula:

RPD = (Absolute value(S-D)x 200) / (S+D)

S = Original sample concentration

D = Duplicate sample concentration

The serial dilution percent difference (%D) was recalculated using the following formula.

%D = (Absolute value (I - SDR)) x 100 / (I)

I = Initial sample result

SDR = Serial dilution result (with a 5x dilution applied)

Sample ID	Type of Analysis	Element	Found/S/I	True/D/SDR	Recalculated %R/RPD/%D	Reported %R/RPD/%D	Acceptable (Y/N)
QC1070383	LCS	Pb	50.26	50	100.52	101	Y
	MS						
QC1070383/QC1070384	Duplicate	Pb	50.26	49.97	0.578669061	1	Y
	PDS						
	Serial dilution						

VALIDATION FINDINGS CHECKLIST
Sample Calculation Verification

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)
Analytes were recalculated and verified using the following equation:
Concentration = (Result from raw data x Final volume x Dilution factor) / (Initial volume)

Sample ID	Analyte	Raw Data (mg/L)	Dilution	Initial Weight/ Volume (ft2)	Final Volume (mL)	Reported Result (ug/ft2)	Recalculated Result (ug/ft2)	Acceptable (Y/N)
1	Pb	3.262	1	1	50	160	163.1	Y
2	Pb	3.354	1	1	50	170	167.7	Y
3	Pb	2.131	1	1	50	110	106.55	Y
4	Pb	1.24	1	1	50	62	62	Y
5	Pb	5.097	1	1	50	250	254.85	Y
6	Pb	5.582	1	1	50	280	279.1	Y
7	Pb	2.15	1	1	50	110	107.5	Y
8	Pb	2.767	1	1	50	140	138.35	Y
9	Pb	1.373	1	1	50	69	68.65	Y
10	Pb	1.43	1	1	50	71	71.5	Y
11	Pb	1.612	1	1	50	81	80.6	Y
12	Pb	2.817	1	1	50	140	140.85	Y

Quality Control
Outlier Reports

486142

The line item for field blanks includes any blank samples collected in the field (i.e., field blank and/or media blank samples).

LDC #: 56993C3b
SDG #: 486142
Laboratory: Enthalpy Analytical, Orange, CA

VALIDATION COMPLETENESS WORKSHEET
Stage 2A

Date: 7/19/2023
Page: 1 of 2
Reviewer: JBN
2nd Reviewer:

METHOD: GC Polychlorinated Biphenyls (EPA SW-846 Method 8082)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A / A	
II.	Initial calibration/ICV	N/N	
III.	Continuing calibration	N	
IV.	Laboratory Blanks	ND	
V.	Field blanks	ND	FB= 42, 43, 44
VI.	Surrogate spikes	A	
VII.	Matrix spike/Matrix spike duplicates	N	
VIII.	Laboratory control samples	A	
IX.	Field duplicates	ND	FD = 7/6, 11/10, 22/21
X.	Target analyte quantitation	N	
XI.	Target analyte identification	N	
XII	Overall assessment of data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank; SB=Source blank; OTHER:

	Client ID	Lab ID	Matrix	Date
1	AFRAME-C7E-LAT-L3-UP-C7.6-HS-230601-P-LA	486142-001	Wipe	06/01/23
2	AFRAME-C6E-LAT-L3-EXT-0 TO 1-230601-P-WF	486142-003	Wipe	06/01/23
3	AFRAME-C6E-MED-L3-DN-C6.2-DG-230601-P-LA	486142-005	Wipe	06/01/23
4	AFRAME-C7E-MED-L3-EXT-0 TO 1-230601-P-WF	486142-007	Wipe	06/01/23
5	AFRAME-C7E-LAT-L3-DN-C7E-DG-230601-P-LA	486142-009	Wipe	06/01/23
6	AFRAME-C7E-MED-L3-DN-C7.5-DG-230601-P-LA	486142-011	Wipe	06/01/23
7	AFRAME-C7E-MED-L3-DN-C7.5-DG-230601-P-DUP-LA	486142-012	Wipe	06/01/23
8	AFRAME-C6E-MED-L2-EXT-0 TO 1-230601-P-WF	486142-014	Wipe	06/01/23
9	AFRAME-C6E-MED-L2-INT-0.5 TO 1-230601-P-FB	486142-016	Wipe	06/01/23
10	AFRAME-C6E-MED-L2-UP-C6.6-DG-230601-P-LA	486142-018	Wipe	06/01/23
11	AFRAME-C6E-MED-L2-UP-C6.6-DG-230601-P-DUP-LA	486142-019	Wipe	06/01/23
12	AFRAME-C7E-MED-L2-HS-1-230601-P-G	486142-021	Wipe	06/01/23
13	AFRAME-C7E-LAT-L2-INT-0.5 TO 1-230601-P-FB	486142-023	Wipe	06/01/23
14	AFRAME-C7E-LAT-L2-EXT-0 TO 1-230601-P-WF	486142-025	Wipe	06/01/23
15	AFRAME-C7E-LAT-L2-UP-C7.1-VS-230601-P-I	486142-028	Wipe	06/01/23
16	AFRAME-C7E-MED-L2-UP-C7.2-DG-230601-P-LA	486142-030	Wipe	06/01/23
17	AFRAME-C6E-LAT-L2-INT-0 TO 0.5-230601-P-FB	486142-032	Wipe	06/01/23

LDC #: 56993C3b

SDG #: 486142

Laboratory: Enthalpy Analytical, Orange, CA

VALIDATION COMPLETENESS WORKSHEET

Stage 2A

Date: 7/19/2023

Reviewer: BM

2nd Reviewer:

METHOD: GC Polychlorinated Biphenyls (EPA SW-846 Method 8082)

	Client ID	Lab ID	Matrix	Date
18	AFRAME-C6E-LAT-L2-DN-C6.1-DG-230601-P-LA	486142-034	Wipe	06/01/23
19	AFRAME-C7E-MED-L2-INT-0 TO 0.5-230601-P-FB	486142-036	Wipe	06/01/23
20	AFRAME-C7E-MED-L2-EXT-0 TO 1-230601-P-WF	486142-038	Wipe	06/01/23
21	AFRAME-C7E-MED-L2-DN-C7.5-VS-230601-P-LA	486142-040	Wipe	06/01/23
22	AFRAME-C7E-MED-L2-DN-C7.5-VS-230601-P-DUP-LA	486142-041	Wipe	06/01/23
23	AFRAME-C6E-MED-L1-HS-3-230601-P-G	486142-043	Wipe	06/01/23
24	AFRAME-C6E-MED-L1-HS-3-230601-P-A	486142-045	Wipe	06/01/23
25	AFRAME-C6E-LAT-HS-3-230601-P-A	486142-047	Wipe	06/01/23
26	AFRAME-C6E-LAT-L1-UP-C6.1-VS-230601-P-I	486142-050	Wipe	06/01/23
27	AFRAME-C6E-MED-L1-UP-C6.1-DG-230601-P-SS	486142-052	Wipe	06/01/23
28	AFRAME-C6E-MED-L1-UP-C6.6-DG-230601-P-SS	486142-054	Wipe	06/01/23
29	AFRAME-C7E-LAT-L1-HS-3-230601-P-A	486142-057	Wipe	06/01/23
30	AFRAME-C7E-LAT-L1-UP-C7.7-VS-230601-P-I	486142-059	Wipe	06/01/23
31	AFRAME-C7E-MED-L1-UP-C7.6-DG-230601-P-SS	486142-061	Wipe	06/01/23
32	AFRAME-C6E-LAT-L1-EXT-1 TO 2-230601-P-WF	486142-063	Wipe	06/01/23
33	AFRAME-C6E-MED-L1-INT-1 TO 2-230601-P-FB	486142-065	Wipe	06/01/23
34	AFRAME-C6E-LAT-L1-UP-C6.7-HS-230601-P-LA	486142-067	Wipe	06/01/23
35	AFRAME-C7E-LAT-L1-INT-1 TO 2-230601-P-FB	486142-069	Wipe	06/01/23
36	AFRAME-C7E-LAT-L1-UP-C7E-HS-230601-P-LA	486142-071	Wipe	06/01/23
37	AFRAME-C6E-MED-L1-EXT-0 TO 1-230601-P-WF	486142-073	Wipe	06/01/23
38	AFRAME-C6E-MED-L1-DN-C6.7E-DG-230601-P-SS	486142-075	Wipe	06/01/23
39	AFRAME-C7E-MED-L1-INT-0 TO 1-230601-P-FB	486142-077	Wipe	06/01/23
40	AFRAME-C7E-LAT-L1-EXT-0 TO 1-230601-P-WF	486142-079	Wipe	06/01/23
41	AFRAME-C7E-MED-L1-DN-C7E-DG-230601-P-SS	486142-081	Wipe	06/01/23
42	230601-P-MEDBLANK1	486142-083	Wipe	06/01/23
43	230601-P-MEDBLANK2	486142-085	Wipe	06/01/23
44	230601-P-MEDBLANK3	486142-087	Wipe	06/01/23
45				
46				
47				
48				

Notes:

The line item for field blanks includes any blank samples collected in the field (i.e., field blank and/or media blank samples).

LDC #: 56993C4b
SDG #: 486142
Laboratory: Enthalpy Analytical, Orange, CA

VALIDATION COMPLETENESS WORKSHEET
Stage 2A

Date: 7/19/2023
Page: 1 of 2
Reviewer:
2nd Reviewer:

METHOD: Lead (EPA SW-846 Method 6010B)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A, A	
II.	Instrument Calibration	N	
III.	ICP Interference Check Sample (ICS) Analysis	N	
IV.	Laboratory Blanks	ND	
V.	Field Blanks	SW	FB= 42, 43, 44
VI.	Matrix Spike/Matrix Spike Duplicates	N	
VII.	Duplicate sample analysis	N	
VIII.	Serial Dilution	N	
IX.	Laboratory control samples	A	
X.	Field Duplicates	SW	FD= 13/12, 24/23, 28/27
XI.	Target Analyte Quantitation	N	
XII	Overall Assessment of Data		

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank; SB=Source blank; OTHER:

	Client ID	Lab ID	Matrix	Date
1	AFRAME-C7E-LAT-L3-UP-C7.6-HS-230601-L-LA	486142-002	Wipe	06/01/23
2	AFRAME-C6E-LAT-L3-EXT-0 TO 1-230601-L-WF	486142-004	Wipe	06/01/23
3	AFRAME-C6E-MED-L3-DN-C6.2-DG-230601-L-LA	486142-006	Wipe	06/01/23
4	AFRAME-C7E-MED-L3-EXT-0 TO 1-230601-L-WF	486142-008	Wipe	06/01/23
5	AFRAME-C7E-LAT-L3-DN-C7E-DG-230601-L-LA	486142-010	Wipe	06/01/23
6	AFRAME-C7E-MED-L3-DN-C7.5-DG-230601-L-LA	486142-013	Wipe	06/01/23
7	AFRAME-C6E-MED-L2-EXT-0 TO 1-230601-L-WF	486142-015	Wipe	06/01/23
8	AFRAME-C6E-MED-L2-INT-0.5 TO 1-230601-L-FB	486142-017	Wipe	06/01/23
9	AFRAME-C6E-MED-L2-UP-C6.6-DG-230601-L-LA	486142-020	Wipe	06/01/23
10	AFRAME-C7E-MED-L2-HS-1-230601-L-G	486142-022	Wipe	06/01/23
11	AFRAME-C7E-LAT-L2-INT-0.5 TO 1-230601-L-FB	486142-024	Wipe	06/01/23
12	AFRAME-C7E-LAT-L2-EXT-0 TO 1-230601-L-WF	486142-026	Wipe	06/01/23
13	AFRAME-C7E-LAT-L2-EXT-0 TO 1-230601-L-DUP-WF	486142-027	Wipe	06/01/23
14	AFRAME-C7E-LAT-L2-UP-C7.1-VS-230601-L-I	486142-029	Wipe	06/01/23
15	AFRAME-C7E-MED-L2-UP-C7.2-DG-230601-L-LA	486142-031	Wipe	06/01/23
16	AFRAME-C6E-LAT-L2-INT-0 TO 0.5-230601-L-FB	486142-033	Wipe	06/01/23
17	AFRAME-C6E-LAT-L2-DN-C6.1-DG-230601-L-LA	486142-035	Wipe	06/01/23

LDC #: 56993C4b

SDG #: 486142

Laboratory: Enthalpy Analytical, Orange, CA

VALIDATION COMPLETENESS WORKSHEET

Stage 2A

Date: 7/19/2023

Page: 2 of 2

Reviewer: BZ

2nd Reviewer:

METHOD: Lead (EPA SW-846 Method 6010B)

	Client ID	Lab ID	Matrix	Date
18	AFRAME-C7E-MED-L2-INT-0 TO 0.5-230601-L-FB	486142-037	Wipe	06/01/23
19	AFRAME-C7E-MED-L2-EXT-0 TO 1-230601-L-WF	486142-039	Wipe	06/01/23
20	AFRAME-C7E-MED-L2-DN-C7.5-VS-230601-L-LA	486142-042	Wipe	06/01/23
21	AFRAME-C6E-MED-L1-HS-3-230601-L-G	486142-044	Wipe	06/01/23
22	AFRAME-C6E-MED-L1-HS-3-230601-L-A	486142-046	Wipe	06/01/23
23	AFRAME-C6E-LAT-HS-3-230601-L-A	486142-048	Wipe	06/01/23
24	AFRAME-C6E-LAT-HS-3-230601-L-DUP-A	486142-049	Wipe	06/01/23
25	AFRAME-C6E-LAT-L1-UP-C6.1-VS-230601-L-I	486142-051	Wipe	06/01/23
26	AFRAME-C6E-MED-L1-UP-C6.1-DG-230601-L-SS	486142-053	Wipe	06/01/23
27	AFRAME-C6E-MED-L1-UP-C6.6-DG-230601-L-SS	486142-055	Wipe	06/01/23
28	AFRAME-C6E-MED-L1-UP-C6.6-DG-230601-L-DUP-SS	486142-056	Wipe	06/01/23
29	AFRAME-C7E-LAT-L1-HS-3-230601-L-A	486142-058	Wipe	06/01/23
30	AFRAME-C7E-LAT-L1-UP-C7.7-VS-230601-L-I	486142-060	Wipe	06/01/23
31	AFRAME-C7E-MED-L1-UP-C7.6-DG-230601-L-SS	486142-062	Wipe	06/01/23
32	AFRAME-C6E-LAT-L1-EXT-1 TO 2-230601-L-WF	486142-064	Wipe	06/01/23
33	AFRAME-C6E-MED-L1-INT-1 TO 2-230601-L-FB	486142-066	Wipe	06/01/23
34	AFRAME-C6E-LAT-L1-UP-C6.7-HS-230601-L-LA	486142-068	Wipe	06/01/23
35	AFRAME-C7E-LAT-L1-INT-1 TO 2-230601-L-FB	486142-070	Wipe	06/01/23
36	AFRAME-C7E-LAT-L1-UP-C7E-HS-230601-L-LA	486142-072	Wipe	06/01/23
37	AFRAME-C6E-MED-L1-EXT-0 TO 1-230601-L-WF	486142-074	Wipe	06/01/23
38	AFRAME-C6E-MED-L1-DN-C6.7E-DG-230601-L-SS	486142-076	Wipe	06/01/23
39	AFRAME-C7E-MED-L1-INT-0 TO 1-230601-L-FB	486142-078	Wipe	06/01/23
40	AFRAME-C7E-LAT-L1-EXT-0 TO 1-230601-L-WF	486142-080	Wipe	06/01/23
41	AFRAME-C7E-MED-L1-DN-C7E-DG-230601-L-SS	486142-082	Wipe	06/01/23
42	230601-L-MEDBLANK1	486142-084	Wipe	06/01/23
43	230601-L-MEDBLANK2	486142-086	Wipe	06/01/23
44	230601-L-MEDBLANK3	486142-088	Wipe	06/01/23
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Notes:

Field Blank Outlier Report

Lab Reporting Batch ID: 486142

Laboratory: Enthalpy Orange

EDD Filename: Prep486142

Moffett_Hangar_1_NTCRA_Enthalpy_230403

Method: 6010B
Matrix: WIPE

Field Blank Sample ID	Collected Date	Analyte	Result	Associated Samples
230601-L-MEDBLANK2(RES) 7/19/2023	6/1/2023 7:34:00 AM	LEAD	0.93 ug/ft2	AFRAME-C6E-LAT-L1-EXT-1 TO 2-230601-L-WF AFRAME-C6E-LAT-L1-HS-3-230601-L-A AFRAME-C6E-LAT-L1-HS-3-230601-L-DUP-A AFRAME-C6E-LAT-L1-UP-C6.1-VS-230601-L-I AFRAME-C6E-LAT-L1-UP-C6.7-HS-230601-L-LA AFRAME-C6E-LAT-L2-DN-C6.1-DG-230601-L-LA AFRAME-C6E-LAT-L2-INT-0 TO 0.5-230601-L-FB AFRAME-C6E-LAT-L3-EXT-0 TO 1-230601-L-WF AFRAME-C6E-MED-L1-DN-C6.7E-DG-230601-L-SS AFRAME-C6E-MED-L1-EXT-0 TO 1-230601-L-WF AFRAME-C6E-MED-L1-HS-3-230601-L-A AFRAME-C6E-MED-L1-HS-3-230601-L-G AFRAME-C6E-MED-L1-INT-1 TO 2-230601-L-FB AFRAME-C6E-MED-L1-UP-C6.1-DG-230601-L-SS AFRAME-C6E-MED-L1-UP-C6.6-DG-230601-L-DUP-SS AFRAME-C6E-MED-L1-UP-C6.6-DG-230601-L-SS AFRAME-C6E-MED-L2-EXT-0 TO 1-230601-L-WF AFRAME-C6E-MED-L2-INT-0.5 TO 1-230601-L-FB AFRAME-C6E-MED-L2-UP-C6.6-DG-230601-L-LA AFRAME-C6E-MED-L3-DN-C6.2-DG-230601-L-LA AFRAME-C7E-LAT-L1-EXT-0 TO 1-230601-L-WF AFRAME-C7E-LAT-L1-HS-3-230601-L-A AFRAME-C7E-LAT-L1-INT-1 TO 2-230601-L-FB AFRAME-C7E-LAT-L1-UP-C7.7-VS-230601-L-I AFRAME-C7E-LAT-L1-UP-C7E-HS-230601-L-LA AFRAME-C7E-LAT-L2-EXT-0 TO 1-230601-L-DUP-WF AFRAME-C7E-LAT-L2-EXT-0 TO 1-230601-L-WF AFRAME-C7E-LAT-L2-INT-0.5 TO 1-230601-L-FB AFRAME-C7E-LAT-L2-UP-C7.1-VS-230601-L-I AFRAME-C7E-LAT-L3-DN-C7E-DG-230601-L-LA AFRAME-C7E-LAT-L3-UP-C7.6-HS-230601-L-LA AFRAME-C7E-MED-L1-DN-C7E-DG-230601-L-SS AFRAME-C7E-MED-L1-INT-0 TO 1-230601-L-FB AFRAME-C7E-MED-L1-UP-C7.6-DG-230601-L-SS AFRAME-C7E-MED-L2-DN-C7.5-VS-230601-L-LA AFRAME-C7E-MED-L2-EXT-0 TO 1-230601-L-WF AFRAME-C7E-MED-L2-HS-1-230601-L-G AFRAME-C7E-MED-L2-INT-0 TO 0.5-230601-L-FB AFRAME-C7E-MED-L2-UP-C7.2-DG-230601-L-LA AFRAME-C7E-MED-L3-DN-C7.5-DG-230601-L-LA AFRAME-C7E-MED-L3-EXT-0 TO 1-230601-L-WF

Field Blank Outlier Report

Lab Reporting Batch ID: 486142

Laboratory: Enthalpy Orange

EDD Filename: Prep486142

Moffett_Hangar_1_NTCRA_Enthalpy_230403

Method: **6010B**
Matrix: **WIPE**

Field Blank Sample ID	Collected Date	Analyte	Result	Associated Samples
230601-L-MEDBLANK2(RES)	6/1/2023 7:40:00 AM	LEAD	1.2 ug/ft2	AFRAME-C6E-LAT-L1-EXT-1 TO 2-230601-L-WF AFRAME-C6E-LAT-L1-HS-3-230601-L-A AFRAME-C6E-LAT-L1-HS-3-230601-L-DUP-A AFRAME-C6E-LAT-L1-UP-C6.1-VS-230601-L-I AFRAME-C6E-LAT-L1-UP-C6.7-HS-230601-L-LA AFRAME-C6E-LAT-L2-DN-C6.1-DG-230601-L-LA AFRAME-C6E-LAT-L2-INT-0 TO 0.5-230601-L-FB AFRAME-C6E-LAT-L3-EXT-0 TO 1-230601-L-WF AFRAME-C6E-MED-L1-DN-C6.7E-DG-230601-L-SS AFRAME-C6E-MED-L1-EXT-0 TO 1-230601-L-WF AFRAME-C6E-MED-L1-HS-3-230601-L-A AFRAME-C6E-MED-L1-HS-3-230601-L-G AFRAME-C6E-MED-L1-INT-1 TO 2-230601-L-FB AFRAME-C6E-MED-L1-UP-C6.1-DG-230601-L-SS AFRAME-C6E-MED-L1-UP-C6.6-DG-230601-L-DUP-SS AFRAME-C6E-MED-L1-UP-C6.6-DG-230601-L-SS AFRAME-C6E-MED-L2-EXT-0 TO 1-230601-L-WF AFRAME-C6E-MED-L2-INT-0.5 TO 1-230601-L-FB AFRAME-C6E-MED-L2-UP-C6.6-DG-230601-L-LA AFRAME-C6E-MED-L3-DN-C6.2-DG-230601-L-LA AFRAME-C7E-LAT-L1-EXT-0 TO 1-230601-L-WF AFRAME-C7E-LAT-L1-HS-3-230601-L-A AFRAME-C7E-LAT-L1-INT-1 TO 2-230601-L-FB AFRAME-C7E-LAT-L1-UP-C7.7-VS-230601-L-I AFRAME-C7E-LAT-L1-UP-C7E-HS-230601-L-LA AFRAME-C7E-LAT-L2-EXT-0 TO 1-230601-L-DUP-WF AFRAME-C7E-LAT-L2-EXT-0 TO 1-230601-L-WF AFRAME-C7E-LAT-L2-INT-0.5 TO 1-230601-L-FB AFRAME-C7E-LAT-L2-UP-C7.1-VS-230601-L-I AFRAME-C7E-LAT-L3-DN-C7E-DG-230601-L-LA AFRAME-C7E-LAT-L3-UP-C7.6-HS-230601-L-LA AFRAME-C7E-MED-L1-DN-C7E-DG-230601-L-SS AFRAME-C7E-MED-L1-INT-0 TO 1-230601-L-FB AFRAME-C7E-MED-L1-UP-C7.6-DG-230601-L-SS AFRAME-C7E-MED-L2-DN-C7.5-VS-230601-L-LA AFRAME-C7E-MED-L2-EXT-0 TO 1-230601-L-WF AFRAME-C7E-MED-L2-HS-1-230601-L-G AFRAME-C7E-MED-L2-INT-0 TO 0.5-230601-L-FB AFRAME-C7E-MED-L2-UP-C7.2-DG-230601-L-LA AFRAME-C7E-MED-L3-DN-C7.5-DG-230601-L-LA

Field Blank Outlier Report

Lab Reporting Batch ID: 486142

Laboratory: Enthalpy Orange

EDD Filename: Prep486142

Moffett Hangar 1 NTCRA Enthalpy 230403

Method: **6010B**
Matrix: **WIPE**

Field Blank Sample ID	Collected Date	Analyte	Result	Associated Samples
230601-L-MEDBLANK3(RES)	6/1/2023 1:20:00 PM	LEAD	3.2 ug/ft2	AFRAME-C6E-LAT-L1-EXT-1 TO 2-230601-L-WF AFRAME-C6E-LAT-L1-HS-3-230601-L-A AFRAME-C6E-LAT-L1-HS-3-230601-L-DUP-A AFRAME-C6E-LAT-L1-UP-C6.1-VS-230601-L-I AFRAME-C6E-LAT-L1-UP-C6.7-HS-230601-L-LA AFRAME-C6E-LAT-L2-DN-C6.1-DG-230601-L-LA AFRAME-C6E-LAT-L2-INT-0 TO 0.5-230601-L-FB AFRAME-C6E-LAT-L3-EXT-0 TO 1-230601-L-WF AFRAME-C6E-MED-L1-DN-C6.7E-DG-230601-L-SS AFRAME-C6E-MED-L1-EXT-0 TO 1-230601-L-WF AFRAME-C6E-MED-L1-HS-3-230601-L-A AFRAME-C6E-MED-L1-HS-3-230601-L-G AFRAME-C6E-MED-L1-INT-1 TO 2-230601-L-FB AFRAME-C6E-MED-L1-UP-C6.1-DG-230601-L-SS AFRAME-C6E-MED-L1-UP-C6.6-DG-230601-L-DUP-SS AFRAME-C6E-MED-L1-UP-C6.6-DG-230601-L-SS AFRAME-C6E-MED-L2-EXT-0 TO 1-230601-L-WF AFRAME-C6E-MED-L2-INT-0.5 TO 1-230601-L-FB AFRAME-C6E-MED-L2-UP-C6.6-DG-230601-L-LA AFRAME-C6E-MED-L3-DN-C6.2-DG-230601-L-LA AFRAME-C7E-LAT-L1-EXT-0 TO 1-230601-L-WF AFRAME-C7E-LAT-L1-HS-3-230601-L-A AFRAME-C7E-LAT-L1-INT-1 TO 2-230601-L-FB AFRAME-C7E-LAT-L1-UP-C7.7-VS-230601-L-I AFRAME-C7E-LAT-L1-UP-C7E-HS-230601-L-LA AFRAME-C7E-LAT-L2-EXT-0 TO 1-230601-L-DUP-WF AFRAME-C7E-LAT-L2-EXT-0 TO 1-230601-L-WF AFRAME-C7E-LAT-L2-INT-0.5 TO 1-230601-L-FB AFRAME-C7E-LAT-L2-UP-C7.1-VS-230601-L-I AFRAME-C7E-LAT-L3-DN-C7E-DG-230601-L-LA AFRAME-C7E-LAT-L3-UP-C7.6-HS-230601-L-LA AFRAME-C7E-MED-L1-DN-C7E-DG-230601-L-SS AFRAME-C7E-MED-L1-INT-0 TO 1-230601-L-FB AFRAME-C7E-MED-L1-UP-C7.6-DG-230601-L-SS AFRAME-C7E-MED-L2-DN-C7.5-VS-230601-L-LA AFRAME-C7E-MED-L2-EXT-0 TO 1-230601-L-WF AFRAME-C7E-MED-L2-HS-1-230601-L-G AFRAME-C7E-MED-L2-INT-0 TO 0.5-230601-L-FB AFRAME-C7E-MED-L2-UP-C7.2-DG-230601-L-LA AFRAME-C7E-MED-L3-DN-C7.5-DG-230601-L-LA

Field Blank Outlier Report

Lab Reporting Batch ID: 486142 **Laboratory: Enthalpy Orange**

EDD Filename: Prep486142

Moffett Hangar 1 NTCRA Enthalpy 230403

Method: **6010B**
Matrix: **WIPE**

Field Blank Sample ID	Collected Date	Analyte	Result	Associated Samples

The following samples and their listed target analytes were qualified due to contamination reported in this blank

Sample ID	Analyte	Reported Result	Modified Final Result
AFRAME-C7E-LAT-L2-UP-C7.1-VS-230601-L-I (RES)	LEAD	12 ug/ft2	12U ug/ft2
AFRAME-C7E-MED-L1-UP-C7.6-DG-230601-L-SS(RES)	LEAD	10 ug/ft2	10U ug/ft2

Field Duplicate RPD Report

Lab Reporting Batch ID: 486142 **Laboratory: Enthalpy Orange**

EDD Filename: Prep486142 **eQAPP Name:**

Method: 6010B
Matrix: WIPE

Analyte	*Concentration (ug/ft2)*		*Sample RPD*	*eQAPP RPD*	*Flag*
	AFRAME-C6E-MED-L1-UP-C6.6-	AFRAME-C6E-MED-L1-UP-C6.6-DG-230601-L-			
LEAD	260	190	31	100.00	No Qualifiers Applied

Analyte	*Concentration (ug/ft2)*		*Sample RPD*	*eQAPP RPD*	*Flag*
	AFRAME-C7E-LAT-L2-EXT-0 TO 1-230601-L-	AFRAME-C7E-LAT-L2-EXT-0 TO 1-230601-L-			
LEAD	220	270	20	100.00	No Qualifiers Applied

Analyte	*Concentration (ug/ft2)*		*Sample RPD*	*eQAPP RPD*	*Flag*
	AFRAME-C6E-LAT-L1-HS-3-230601-L-A	AFRAME-C6E-LAT-L1-HS-3-230601-L-DUP-A			
LEAD	330	250	28	100.00	No Qualifiers Applied

LABORATORY DATA CONSULTANTS, INC.
2701 Loker Ave. West, Suite 220, Carlsbad, CA 92010 Bus: 760-827-1100 Fax: 760-827-1099

Rincon Consultants, Inc.
250 E. 1st Street Suite 1400
Los Angeles, CA – 90012
ATTN: Mr. Ryan Thacher
rthacher@rinconconsultants.com

October 9, 2023

SUBJECT: Hangar 1 NTCRA - Data Validation

Dear Mr. Thacher,

Enclosed are the final validation reports for the fractions listed below. These SDGs were received on August 23, 2023. Attachment 1 is a summary of the samples that were reviewed for each analysis.

LDC Project #57398:

SDG #	**Fraction**
489010, 489058, 489059, 489066, 489153, 489258	Polychlorinated Biphenyls, Lead

The data validation was performed under Stage 2A & 3 guidelines. The analysis was validated using the following documents, as applicable to each method:

- USEPA National Functional Guidelines (NFG) for Organic Superfund Methods Data Review (November 2020)
- USEPA National Functional Guidelines (NFG) for Inorganic Superfund Methods Data Review (November 2020)
- EPA SW 846, Third Edition, Test Methods for Evaluating Solid Waste, update 1, July 1992; update IIA, August 1993; update II, September 1994; update IIB, January 1995; update III, December 1996; update IIIA, April 1998; IIIB, November 2004; update IV, February 2007; update V, July 2014; update VI, July 2018

Please feel free to contact us if you have any questions.

Sincerely,



Pei Geng
pgeng@lab-data.com
Project Manager/Senior Chemist

202 pages-ADV EDD

Attachment 1

Stage 2A/3 (client select) **LDC# 57398 (Rincon Consultants, Inc., Los Angeles, CA / Hangar 1 NTCRA)** **Project# 20-10491**

LDC	SDG#	DATE REC'D	(3) DATE DUE	PCBs (8082)		Pb (6010B)																													
Matrix:	Water/Soil/Wipe			W	WP	W	WP	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S	W	S
A	489010	08/23/23	09/14/23	0	12	0	12																												
B	489058	08/23/23	09/14/23	0	23	0	24																												
C	489059	08/23/23	09/14/23	0	22	0	25																												
D	489066	08/23/23	09/14/23	0	22	0	22																												
E	489153	08/23/23	09/14/23	0	1	0	2																												
F	489258	08/23/23	09/14/23	0	1	0	1																												
Total	TR/PG			0	81	0	86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	167

Shaded cells indicate Stage 3 validation (all other cells are Stage 2A validation). Sample counts do not include MS, MSD, and DUP's. V:\LOGIN\Rincon\Moffett Field, Hangar 1 NTCRA\57398ST-Wipe.wpd

LDC Report# 57398

Automated Data Review Data Validation Report
Hangar 1 NTCRA

Sample Delivery Groups

489010
489058
489059
489066
489153
489258

Only the highlighted SDGs contain samples that were collected within the High Occupancy Area of Zone 4.

October 6, 2023

Introduction

This Data Validation Report (DVR) presents Stage 2A and Stage 3 data validation results for samples collected during the July 2022 sampling period. Data validation was performed in accordance with a modified outline of the US Environmental Protection Agency (EPA) National Functional Guidelines (NFG) for Organic Superfund Methods Data Review (November 2020) and USEPA National Functional Guidelines (NFG) for Inorganic Superfund Methods Data Review (November 2020). Where specific guidance was not available, the data has been evaluated in a conservative manner consistent with industry standards using professional experience.

The analyses were performed by the following methods:

Polychlorinated Biphenyls (PCBs) by EPA SW 846 Method 8082
Lead by EPA SW 846 Method 6010B

Sample identifications, methods of analyses performed, and review levels on each sample are presented in Attachment 1. Overall data qualification summary is presented in Attachment 2. Automated Data Review outliers and manual data validation worksheets are presented in Enclosure I.

All sample results were subjected to Stage 2A data validation, which comprises an evaluation of quality control (QC) summary results. Selected samples were subjected to Stage 3 data validation as indicated on the Sample Summary Report. Stage 3 data validation is comprised of the QC summary forms as well as the raw data, to confirm sample quantitation and identification.

The following are definitions of the data qualifiers:

U Indicates the compound or analyte was analyzed for but not detected.

J Indicates an estimated value.

R Quality control indicates the data is not usable.

NJ Presumptive evidence of presence of the compound at an estimated quantity.

UJ Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.

Sample Receipt & Technical Holding Times

All samples were received in good condition and cooler temperatures upon receipt met validation criteria.

All technical holding time requirements were met.

Initial Calibration and Initial Calibration Verification

8082
The percent relative standard deviations (%RSD) were less than or equal to 20.0% for all analytes.

Average relative response factors (RRF) for all analytes were within validation criteria.

The percent differences (%D) of the initial calibration verification (ICV) standard were less than or equal to 15.0% for all analytes.

Initial calibration data were not reviewed for Stage 2A validation.

6010B
An initial calibration was performed as required by the method.

The initial calibration verification (ICV) standards were within QC limits.

Initial calibration data were not reviewed for Stage 2A validation.

Continuing Calibration

8082
Continuing calibration was performed at the required frequencies.

The percent differences (%D) were less than or equal to 15.0% for all analytes with the following exceptions:

SDG	Date	Analyte	%D	Associated Samples	Affected Analyte	Flag	A or P
489010	07/25/23	Aroclor-1260	21	All samples in SDG 489010	Aroclor-1248 Aroclor-1254 Aroclor-1260 Aroclor-1262 Aroclor-1268	UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects) UJ (all non-detects)	A

All of the continuing calibration relative response factors (RRF) were within validation criteria.

Continuing calibration data were not reviewed for Stage 2A validation.

6010B
Continuing calibrations were performed as required by the method.

The continuing calibration verification (CCV) standards were within QC limits.

Continuing calibration data were not reviewed for Stage 2A validation.

ICP Interference Check Sample Analysis

6010B
The frequency of interference check sample (ICS) analysis was met. All criteria were within QC limits.

Interference check sample (ICS) analysis data were not reviewed for Stage 2A validation.

Laboratory Blanks

Laboratory blanks were performed as required by the methods. No contaminants were detected in the laboratory blanks.

Field Blanks

8082
Five field blanks were collected and analyzed. No contaminants were found.

6010B
Five field blanks and five media blanks were collected and analyzed. Four field blanks and one media blank had detections for lead. The associated sample results were qualified as non-detected (U) due to field blank contamination as applicable. The sample results that were not detected or were significantly greater than the concentrations found in the field blank and media blanks were not qualified. The details are presented in Enclosure I.

Surrogate Spikes

8082
Surrogates were added to all samples as required by the method. All surrogate recoveries (%R) were within QC limits.

Internal Standards

8082
All internal standard areas and retention times were within QC limits.

Internal standard data were not reviewed for Stage 2A validation.

Matrix Spike/Matrix Spike Duplicates

The collection of MS/MSDs for wipe samples is not required per the agency-approved UFP-QAPP.

Duplicate Sample Analysis

6010B
Laboratory duplicate (DUP) analyses is not required per the agency-approved UFP-QAPP.

Laboratory Control Samples

Laboratory control samples (LCS) and laboratory control sample duplicates (LCSD) were analyzed as required by the methods. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

Field Duplicates

8082
Seven field duplicate pairs were collected and analyzed. No results were detected in the field duplicates. The field duplicates are identified in Attachment 1.

6010B
Seven field duplicate pairs were collected and analyzed. Seven field duplicate pairs had detections for lead. All RPDs were within QC limits. The field duplicate result comparisons are presented in Enclosure I.

Target Analyte Quantitation

8082
The laboratory reporting limits were evaluated. All laboratory reporting limits met the specified requirements.

6010B
The laboratory reporting limits were evaluated. While the reporting limits were not achieved in accordance with the UFP-QAPP for one sample, the achieved reporting limits are acceptable with respect to the Cleanup Goals.

Overall Assessment of Data

The analyses were conducted within all specifications of the methods. No results were rejected in these SDGs.

Due to continuing calibration %D, data were qualified as estimated in twelve samples.

Due to field blank contamination, data were qualified as not detected in one sample.

Data flags are summarized and are presented as Attachment 2.

Attachment 1

Sample Summary Report by Analysis Method

Data Review Sample Summary Report by Analysis Method

Reviewed By: **Approved By:** **Laboratory: Enthalpy Orange**

Client Sample ID	*Lab Sample ID*	*Matrix*	*Sample Type*	*Preparation Method*		*Collection Date*	*Validation Code*
Lab Reporting Batch: 489010							
Method: 6010B							
AFRAME-C6W-LAT-L3-UP-C6.4-DG-230724-L-LA	489010-018	WIPE	N	3050B		7/24/2023 9:35:00 AM	S3VEM
AFRAME-C6W-LAT-L3-UP-C6.7-DG-230724-L-LA	489010-006	WIPE	N	3050B		7/24/2023 8:40:00 AM	S3VEM
AFRAME-C6W-MED-L3-EXT-1 TO 2-230724-L-DUP-WF	489010-003	WIPE	FD	3050B		7/24/2023 8:15:00 AM	S3VEM
AFRAME-C6W-MED-L3-EXT-1 TO 2-230724-L-WF	489010-002	WIPE	N	3050B		7/24/2023 8:15:00 AM	S3VEM
AFRAME-C6W-MED-L3-UP-C6.5-HM-230724-L-CB	489010-008	WIPE	N	3050B		7/24/2023 8:25:00 AM	S3VEM
AFRAME-C6W-MED-L3-UP-C6W-DG-230724-L-LA	489010-020	WIPE	N	3050B		7/24/2023 9:30:00 AM	S3VEM
AFRAME-C7W-LAT-L3-EXT-1 TO 2-230724-L-DUP-WF	489010-011	WIPE	FD	3050B		7/24/2023 8:50:00 AM	S3VEM
AFRAME-C7W-LAT-L3-EXT-1 TO 2-230724-L-WF	489010-010	WIPE	N	3050B		7/24/2023 8:50:00 AM	S3VEM
AFRAME-C7W-LAT-L3-UP-C7.1-DG-230724-L-LA	489010-014	WIPE	N	3050B		7/24/2023 9:05:00 AM	S3VEM
AFRAME-C7W-LAT-L3-UP-C7.3-DG-230724-L-LA	489010-024	WIPE	N	3050B		7/24/2023 9:55:00 AM	S3VEM
AFRAME-C7W-MED-L3-UP-C7.6-HM-230724-L-CB	489010-016	WIPE	N	3050B		7/24/2023 9:15:00 AM	S3VEM
AFRAME-C7W-MED-L3-UP-C7W-DG-230724-L-LA	489010-022	WIPE	N	3050B		7/24/2023 9:45:00 AM	S3VEM
Method: 8082							
AFRAME-C6W-LAT-L3-UP-C6.4-DG-230724-P-LA	489010-017	WIPE	N		3546	7/24/2023 9:35:00 AM	S3VEM
AFRAME-C6W-LAT-L3-UP-C6.7-DG-230724-P-DUP-LA	489010-005	WIPE	FD		3546	7/24/2023 8:40:00 AM	S3VEM
AFRAME-C6W-LAT-L3-UP-C6.7-DG-230724-P-LA	489010-004	WIPE	N		3546	7/24/2023 8:40:00 AM	S3VEM
AFRAME-C6W-MED-L3-EXT-1 TO 2-230724-P-WF	489010-001	WIPE	N		3546	7/24/2023 8:15:00 AM	S3VEM
AFRAME-C6W-MED-L3-UP-C6.5-HM-230724-P-CB	489010-007	WIPE	N		3546	7/24/2023 8:25:00 AM	S3VEM
AFRAME-C6W-MED-L3-UP-C6W-DG-230724-P-LA	489010-019	WIPE	N		3546	7/24/2023 9:30:00 AM	S3VEM
AFRAME-C7W-LAT-L3-EXT-1 TO 2-230724-P-WF	489010-009	WIPE	N		3546	7/24/2023 8:50:00 AM	S3VEM

Data Review Sample Summary Report by Analysis Method

Reviewed By: **Approved By:** **Laboratory: Enthalpy Orange**

Client Sample ID	*Lab Sample ID*	*Matrix*	*Sample Type*	*Preparation Method*	*Collection Date*	*Validation Code*
Method: 8082						
AFRAME-C7W-LAT-L3-UP-C7.1-DG-230724-P-DUP-LA	489010-013	WIPE	FD	3546	7/24/2023 9:05:00 AM	S3VEM
AFRAME-C7W-LAT-L3-UP-C7.1-DG-230724-P-LA	489010-012	WIPE	N	3546	7/24/2023 9:05:00 AM	S3VEM
AFRAME-C7W-LAT-L3-UP-C7.3-DG-230724-P-LA	489010-023	WIPE	N	3546	7/24/2023 9:55:00 AM	S3VEM
AFRAME-C7W-MED-L3-UP-C7.6-HM-230724-P-CB	489010-015	WIPE	N	3546	7/24/2023 9:15:00 AM	S3VEM
AFRAME-C7W-MED-L3-UP-C7W-DG-230724-P-LA	489010-021	WIPE	N	3546	7/24/2023 9:45:00 AM	S3VEM

Data Review Sample Summary Report by Analysis Method

Reviewed By: **Approved By:** **Laboratory: Enthalpy Orange**

Client Sample ID	*Lab Sample ID*	*Matrix*	*Sample Type*	*Preparation Method*	*Collection Date*	*Validation Code*
Lab Reporting Batch: 489058						
Method: 6010B						
230724-L-FB2	489058-043	WIPE	FB	3050B	7/24/2023 7:20:00 AM	S2AVE
230724-L-FB3	489058-046	WIPE	FB	3050B	7/24/2023 7:32:00 AM	S2AVE
230724-L-MEDBLANK1	489058-044	WIPE	FB	3050B	7/24/2023 12:48:00 PM	S2AVE
230724-L-MEDBLANK2	489058-047	WIPE	FB	3050B	7/24/2023 12:53:00 PM	S2AVE
ARCH-C6W-DG-5.5 TO 6-UP-C6.4-HS-230724-L-LA	489058-008	WIPE	N	3050B	7/24/2023 8:15:00 AM	S2AVE
ARCH-C6W-DG-6 TO 6.5-DN-C6.1-DG-230724-L-LA	489058-020	WIPE	N	3050B	7/24/2023 9:25:00 AM	S2AVE
ARCH-C6W-DG-6 TO 6.5-UP-C6.3-VS-230724-L-LA	489058-012	WIPE	N	3050B	7/24/2023 8:55:00 AM	S2AVE
ARCH-C6W-DG-7.5 TO 8-DN-C6.1-VS-230724-L-LA	489058-037	WIPE	N	3050B	7/24/2023 7:35:00 AM	S2AVE
ARCH-C6W-DG-7.5 TO 8-DN-C6.7-DG-230724-L-LA	489058-035	WIPE	N	3050B	7/24/2023 11:00:00 AM	S2AVE
ARCH-C6W-DG-7.5 TO 8-UP-C6W-HM-230724-L-LA	489058-031	WIPE	N	3050B	7/24/2023 10:30:00 AM	S2AVE
ARCH-C6W-PS-5.5-230724-L-G	489058-002	WIPE	N	3050B	7/24/2023 7:35:00 AM	S2AVE
ARCH-C6W-PS-6.5-230724-L-G	489058-024	WIPE	N	3050B	7/24/2023 9:45:00 AM	S2AVE
ARCH-C7W-DG-5 TO 5.5-DN-C7.6-DG-230724-L-LA	489058-006	WIPE	N	3050B	7/24/2023 8:00:00 AM	S2AVE
ARCH-C7W-DG-5.5 TO 6-DN-C7.1-VS-230724-L-LA	489058-010	WIPE	N	3050B	7/24/2023 8:30:00 AM	S2AVE
ARCH-C7W-DG-6 TO 6.5-230724-L-DUP-FB	489058-015	WIPE	FD	3050B	7/24/2023 8:45:00 AM	S2AVE
ARCH-C7W-DG-6 TO 6.5-230724-L-FB	489058-014	WIPE	N	3050B	7/24/2023 8:45:00 AM	S2AVE
ARCH-C7W-DG-6 TO 6.5-DN-C7.3-DG-230724-L-LA	489058-022	WIPE	N	3050B	7/24/2023 9:30:00 AM	S2AVE
ARCH-C7W-DG-6 TO 6.5-UP-C7.5-VS-230724-L-LA	489058-018	WIPE	N	3050B	7/24/2023 9:05:00 AM	S2AVE
ARCH-C7W-DG-7 TO 7.5-UP-C7.1-VS-230724-L-LA	489058-028	WIPE	N	3050B	7/24/2023 10:10:00 AM	S2AVE
ARCH-C7W-DG-7.5 TO 8-DN-C7.5-VS-230724-L-LA	489058-039	WIPE	N	3050B	7/24/2023 7:45:00 AM	S2AVE

Crossed out Sample IDs not collected in the High Occupancy Area of Zone 4.

Data Review Sample Summary Report by Analysis Method

Reviewed By: **Approved By:** **Laboratory: Enthalpy Orange**

Client Sample ID	*Lab Sample ID*	*Matrix*	*Sample Type*	*Preparation Method*	*Collection Date*	*Validation Code*
Method: 6010B						
ARCH-C7W-EXT-8 TO 9-230724-L-WF	489058-041	WIPE	N	3050B	7/24/2023 8:00:00 AM	S2AVE
ARCH-C7W-INT-7.5 TO 9-230724-L-WF	489058-033	WIPE	N	3050B	7/24/2023 10:45:00 AM	S2AVE
ARCH-C7W-PS-5.5-230724-L-G	489058-004	WIPE	N	3050B	7/24/2023 7:50:00 AM	S2AVE
ARCH-C7W-PS-6.5-230724-L-G	489058-026	WIPE	N	3050B	7/24/2023 9:55:00 AM	S2AVE
Method: 8082						
230724-P-FB2	489058-042	WIPE	FB	3546	7/24/2023 7:20:00 AM	S2AVE
230724-P-FB3	489058-045	WIPE	FB	3546	7/24/2023 7:32:00 AM	S2AVE
ARCH-C6W-DG-5.5 TO 6-UP-C6.4-HS-230724-P-LA	489058-007	WIPE	N	3546	7/24/2023 8:15:00 AM	S2AVE
ARCH-C6W-DG-6 TO 6.5-DN-C6.1-DG-230724-P-LA	489058-019	WIPE	N	3546	7/24/2023 9:25:00 AM	S2AVE
ARCH-C6W-DG-6 TO 6.5-UP-C6.3-VS-230724-P-LA	489058-011	WIPE	N	3546	7/24/2023 8:55:00 AM	S2AVE
ARCH-C6W-DG-7.5 TO 8-DN-C6.1-VS-230724-P-LA	489058-036	WIPE	N	3546	7/24/2023 7:35:00 AM	S2AVE
ARCH-C6W-DG-7.5 TO 8-DN-C6.7-DG-230724-P-LA	489058-034	WIPE	N	3546	7/24/2023 11:00:00 AM	S2AVE
ARCH-C6W-DG-7.5 TO 8-UP-C6W-HM-230724-P-DUP-LA	489058-030	WIPE	FD	3546	7/24/2023 10:30:00 AM	S2AVE
ARCH-C6W-DG-7.5 TO 8-UP-C6W-HM-230724-P-LA	489058-029	WIPE	N	3546	7/24/2023 10:30:00 AM	S2AVE
ARCH-C6W-PS-5.5-230724-P-G	489058-001	WIPE	N	3546	7/24/2023 7:35:00 AM	S2AVE
ARCH-C6W-PS-6.5-230724-P-G	489058-023	WIPE	N	3546	7/24/2023 9:45:00 AM	S2AVE
ARCH-C7W-DG-5 TO 5.5-DN-C7.6-DG-230724-P-LA	489058-005	WIPE	N	3546	7/24/2023 8:00:00 AM	S2AVE
ARCH-C7W-DG-5.5 TO 6-DN-C7.1-VS-230724-P-LA	489058-009	WIPE	N	3546	7/24/2023 8:30:00 AM	S2AVE
ARCH-C7W-DG-6 TO 6.5-230724-P-FB	489058-013	WIPE	N	3546	7/24/2023 8:45:00 AM	S2AVE
ARCH-C7W-DG-6 TO 6.5-DN-C7.3-DG-230724-P-LA	489058-021	WIPE	N	3546	7/24/2023 9:30:00 AM	S2AVE
ARCH-C7W-DG-6 TO 6.5-UP-C7.5-VS-230724-P-DUP-LA	489058-017	WIPE	FD	3546	7/24/2023 9:05:00 AM	S2AVE

Crossed out Sample IDs not collected in the High Occupancy Area of Zone 4.

Data Review Sample Summary Report by Analysis Method

Reviewed By: **Approved By:** **Laboratory: Enthalpy Orange**

Client Sample ID	*Lab Sample ID*	*Matrix*	*Sample Type*	*Preparation Method*	*Collection Date*	*Validation Code*
Method: 8082						
ARCH-C7W-DG-6 TO 6.5-UP-C7.5-VS-230724-P-LA	489058-016	WIPE	N	3546	7/24/2023 9:05:00 AM	S2AVE
ARCH-C7W-DG-7 TO 7.5-UP-C7.1-VS-230724-P-LA	489058-027	WIPE	N	3546	7/24/2023 10:10:00 AM	S2AVE
ARCH-C7W-DG-7.5 TO 8-DN-C7.5-VS-230724-P-LA	489058-038	WIPE	N	3546	7/24/2023 7:45:00 AM	S2AVE
ARCH-C7W-EXT-8 TO 9-230724-P-WF	489058-040	WIPE	N	3546	7/24/2023 8:00:00 AM	S2AVE
ARCH-C7W-INT-7.5 TO 9-230724-P-WF	489058-032	WIPE	N	3546	7/24/2023 10:45:00 AM	S2AVE
ARCH-C7W-PS-5.5-230724-P-G	489058-003	WIPE	N	3546	7/24/2023 7:50:00 AM	S2AVE
ARCH-C7W-PS-6.5-230724-P-G	489058-025	WIPE	N	3546	7/24/2023 9:55:00 AM	S2AVE

Crossed out Sample IDs not collected in the High Occupancy Area of Zone 4.

Data Review Sample Summary Report by Analysis Method

Reviewed By: **Approved By:** **Laboratory: Enthalpy Orange**

Client Sample ID	*Lab Sample ID*	*Matrix*	*Sample Type*	*Preparation Method*	*Collection Date*	*Validation Code*
Lab Reporting Batch: 489059						
Method: 6010B						
230724-L-FB1	489059-043	WIPE	FB	3050B	7/24/2023 8:11:00 AM	S2AVE
230724-L-FB2	489059-046	WIPE	FB	3050B	7/24/2023 1:30:00 PM	S2AVE
230724-L-MEDBLANK1	489059-044	WIPE	FB	3050B	7/24/2023 12:58:00 PM	S2AVE
230724-L-MEDBLANK2	489059-047	WIPE	FB	3050B	7/24/2023 1:00:00 PM	S2AVE
AFRAME-C6W-LAT-L1-HS-3-230724-L-A	489059-027	WIPE	N	3050B	7/24/2023 1:40:00 PM	S2AVE
AFRAME-C6W-LAT-L1-HS-3-230724-L-DUP-A	489059-028	WIPE	FD	3050B	7/24/2023 1:40:00 PM	S2AVE
AFRAME-C6W-LAT-L1-UP-C6.1-VS-230724-L-I	489059-030	WIPE	N	3050B	7/24/2023 1:50:00 PM	S2AVE
AFRAME-C6W-LAT-L3-INT-0 TO1-230724-L-WF	489059-004	WIPE	N	3050B	7/24/2023 10:20:00 AM	S2AVE
AFRAME-C6W-MED-L1-UP-C6.1-DG-230724-L-SS	489059-032	WIPE	N	3050B	7/24/2023 2:00:00 PM	S2AVE
AFRAME-C6W-MED-L1-UP-C6.6-DG-230724-L-DUP-SS	489059-035	WIPE	FD	3050B	7/24/2023 2:15:00 PM	S2AVE
AFRAME-C6W-MED-L1-UP-C6.6-DG-230724-L-SS	489059-034	WIPE	N	3050B	7/24/2023 2:15:00 PM	S2AVE
AFRAME-C6W-MED-L2-EXT-0 TO 1-230724-L-WF	489059-015	WIPE	N	3050B	7/24/2023 2:00:00 PM	S2AVE
AFRAME-C6W-MED-L2-INT-0.5 TO 1-230724-L-FB	489059-017	WIPE	N	3050B	7/24/2023 2:10:00 PM	S2AVE
AFRAME-C6W-MED-L2-UP-C6.6-DG-230724-L-LA	489059-020	WIPE	N	3050B	7/24/2023 2:20:00 PM	S2AVE
AFRAME-C6W-MED-L3-DN-C6.2-DG-230724-L-LA	489059-006	WIPE	N	3050B	7/24/2023 10:30:00 AM	S2AVE
AFRAME-C7W-LAT-L1-HS-3-230724-L-A	489059-037	WIPE	N	3050B	7/24/2023 2:30:00 PM	S2AVE
AFRAME-C7W-LAT-L1-UP-C7.7-VS-230724-L-I	489059-039	WIPE	N	3050B	7/24/2023 2:45:00 PM	S2AVE
AFRAME-C7W-LAT-L2-EXT-0 TO 1-230724-L-DUP-WF	489059-025	WIPE	FD	3050B	7/24/2023 2:45:00 PM	S2AVE
AFRAME-C7W-LAT-L2-EXT-0 TO 1-230724-L-WF	489059-024	WIPE	N	3050B	7/24/2023 2:45:00 PM	S2AVE
AFRAME-C7W-LAT-L2-INT-0.5 TO 1-230724-L-FB	489059-022	WIPE	N	3050B	7/24/2023 2:35:00 PM	S2AVE

Data Review Sample Summary Report by Analysis Method

Reviewed By: **Approved By:** **Laboratory: Enthalpy Orange**

Client Sample ID	*Lab Sample ID*	*Matrix*	*Sample Type*	*Preparation Method*	*Collection Date*	*Validation Code*
Method: 6010B						
AFRAME-C7W-LAT-L3-DN-C7W-DG-230724-L-LA	489059-010	WIPE	N	3050B	7/24/2023 1:40:00 PM	S2AVE
AFRAME-C7W-LAT-L3-UP-C7.6-HS-230724-L-LA	489059-002	WIPE	N	3050B	7/24/2023 10:05:00 AM	S2AVE
AFRAME-C7W-MED-L1-UP-C7.6-DG-230724-L-SS	489059-041	WIPE	N	3050B	7/24/2023 3:00:00 PM	S2AVE
AFRAME-C7W-MED-L3-DN-C7.5-DG-230724-L-LA	489059-013	WIPE	N	3050B	7/24/2023 1:25:00 PM	S2AVE
AFRAME-C7W-MED-L3-INT-0 TO 1-230724-L-WF	489059-008	WIPE	N	3050B	7/24/2023 10:45:00 AM	S2AVE
Method: 8082						
230724-P-FB1	489059-042	WIPE	FB	3546	7/24/2023 8:11:00 AM	S2AVE
230724-P-FB2	489059-045	WIPE	FB	3546	7/24/2023 1:30:00 PM	S2AVE
AFRAME-C6W-LAT-L1-HS-3-230724-P-A	489059-026	WIPE	N	3546	7/24/2023 1:40:00 PM	S2AVE
AFRAME-C6W-LAT-L1-UP-C6.1-VS-230724-P-I	489059-029	WIPE	N	3546	7/24/2023 1:50:00 PM	S2AVE
AFRAME-C6W-LAT-L3-INT-0 TO1-230724-P-WF	489059-003	WIPE	N	3546	7/24/2023 10:20:00 AM	S2AVE
AFRAME-C6W-MED-L1-UP-C6.1-DG-230724-P-SS	489059-031	WIPE	N	3546	7/24/2023 2:00:00 PM	S2AVE
AFRAME-C6W-MED-L1-UP-C6.6-DG-230724-P-SS	489059-033	WIPE	N	3546	7/24/2023 2:15:00 PM	S2AVE
AFRAME-C6W-MED-L2-EXT-0 TO 1-230724-P-WF	489059-014	WIPE	N	3546	7/24/2023 2:00:00 PM	S2AVE
AFRAME-C6W-MED-L2-INT-0.5 TO 1-230724-P-FB	489059-016	WIPE	N	3546	7/24/2023 2:10:00 PM	S2AVE
AFRAME-C6W-MED-L2-UP-C6.6-DG-230724-P-DUP-LA	489059-019	WIPE	FD	3546	7/24/2023 2:20:00 PM	S2AVE
AFRAME-C6W-MED-L2-UP-C6.6-DG-230724-P-LA	489059-018	WIPE	N	3546	7/24/2023 2:20:00 PM	S2AVE
AFRAME-C6W-MED-L3-DN-C6.2-DG-230724-P-LA	489059-005	WIPE	N	3546	7/24/2023 10:30:00 AM	S2AVE
AFRAME-C7W-LAT-L1-HS-3-230724-P-A	489059-036	WIPE	N	3546	7/24/2023 2:30:00 PM	S2AVE
AFRAME-C7W-LAT-L1-UP-C7.7-VS-230724-P-I	489059-038	WIPE	N	3546	7/24/2023 2:45:00 PM	S2AVE
AFRAME-C7W-LAT-L2-EXT-0 TO 1-230724-P-WF	489059-023	WIPE	N	3546	7/24/2023 2:45:00 PM	S2AVE

Data Review Sample Summary Report by Analysis Method

Reviewed By: **Approved By:** **Laboratory: Enthalpy Orange**

Client Sample ID	*Lab Sample ID*	*Matrix*	*Sample Type*	*Preparation Method*	*Collection Date*	*Validation Code*
Method: 8082						
AFRAME-C7W-LAT-L2-INT-0.5 TO 1-230724-P-FB	489059-021	WIPE	N	3546	7/24/2023 2:35:00 PM	S2AVE
AFRAME-C7W-LAT-L3-DN-C7W-DG-230724-P-LA	489059-009	WIPE	N	3546	7/24/2023 1:40:00 PM	S2AVE
AFRAME-C7W-LAT-L3-UP-C7.6-HS-230724-P-LA	489059-001	WIPE	N	3546	7/24/2023 10:05:00 AM	S2AVE
AFRAME-C7W-MED-L1-UP-C7.6-DG-230724-P-SS	489059-040	WIPE	N	3546	7/24/2023 3:00:00 PM	S2AVE
AFRAME-C7W-MED-L3-DN-C7.5-DG-230724-P-DUP-LA	489059-012	WIPE	FD	3546	7/24/2023 1:25:00 PM	S2AVE
AFRAME-C7W-MED-L3-DN-C7.5-DG-230724-P-LA	489059-011	WIPE	N	3546	7/24/2023 1:25:00 PM	S2AVE
AFRAME-C7W-MED-L3-INT-0 TO 1-230724-P-WF	489059-007	WIPE	N	3546	7/24/2023 10:45:00 AM	S2AVE

Data Review Sample Summary Report by Analysis Method

Reviewed By: **Approved By:** **Laboratory: Enthalpy Orange**

Client Sample ID	*Lab Sample ID*	*Matrix*	*Sample Type*	*Preparation Method*	*Collection Date*	*Validation Code*
Lab Reporting Batch: 489066						
Method: 6010B						
230725-L-FB3	489066-043	WIPE	FB	3050B	7/25/2023 9:30:00 AM	S2AVE
230725-L-MEDBLANK3	489066-044	WIPE	FB	3050B	7/25/2023 11:34:00 AM	S2AVE
AFRAME-C6W-LAT-L1-EXT-1 TO 2-230725-L-WF	489066-023	WIPE	N	3050B	7/25/2023 8:00:00 AM	S2AVE
AFRAME-C6W-LAT-L1-UP-C6.7-HS-230725-L-LA	489066-027	WIPE	N	3050B	7/25/2023 8:15:00 AM	S2AVE
AFRAME-C6W-LAT-L2-DN-C6.1-DG-230725-L-LA	489066-010	WIPE	N	3050B	7/25/2023 8:45:00 AM	S2AVE
AFRAME-C6W-LAT-L2-INT-0 TO 0.5-230725-L-FB	489066-008	WIPE	N	3050B	7/25/2023 8:55:00 AM	S2AVE
AFRAME-C6W-MED-L1-DN-C6.7W-DG-230725-L-SS	489066-035	WIPE	N	3050B	7/25/2023 10:00:00 AM	S2AVE
AFRAME-C6W-MED-L1-EXT-0 TO 1-230725-L-WF	489066-033	WIPE	N	3050B	7/25/2023 10:10:00 AM	S2AVE
AFRAME-C6W-MED-L1-HS-3-230725-L-A	489066-021	WIPE	N	3050B	7/25/2023 9:20:00 AM	S2AVE
AFRAME-C6W-MED-L1-HS-3-230725-L-G	489066-019	WIPE	N	3050B	7/25/2023 9:10:00 AM	S2AVE
AFRAME-C6W-MED-L1-INT-1 TO 2-230725-L-FB	489066-025	WIPE	N	3050B	7/25/2023 9:05:00 AM	S2AVE
AFRAME-C7W-LAT-L1-EXT-0 TO 1-230725-L-WF	489066-039	WIPE	N	3050B	7/25/2023 9:30:00 AM	S2AVE
AFRAME-C7W-LAT-L1-INT-1 TO 2-230725-L-FB	489066-029	WIPE	N	3050B	7/25/2023 8:50:00 AM	S2AVE
AFRAME-C7W-LAT-L1-UP-C7W-HS-230725-L-LA	489066-031	WIPE	N	3050B	7/25/2023 8:40:00 AM	S2AVE
AFRAME-C7W-LAT-L2-UP-C7.1-VS-230725-L-I	489066-004	WIPE	N	3050B	7/25/2023 7:30:00 AM	S2AVE
AFRAME-C7W-MED-L1-DN-C7W-DG-230725-L-SS	489066-041	WIPE	N	3050B	7/25/2023 9:50:00 AM	S2AVE
AFRAME-C7W-MED-L1-INT-0 TO 1-230725-L-FB	489066-037	WIPE	N	3050B	7/25/2023 9:40:00 AM	S2AVE
AFRAME-C7W-MED-L2-DN-C7.5-VS-230725-L-LA	489066-017	WIPE	N	3050B	7/25/2023 8:05:00 AM	S2AVE
AFRAME-C7W-MED-L2-EXT-0 TO 1-230725-L-WF	489066-014	WIPE	N	3050B	7/25/2023 8:15:00 AM	S2AVE
AFRAME-C7W-MED-L2-HS-1-230725-L-G	489066-002	WIPE	N	3050B	7/25/2023 7:50:00 AM	S2AVE

Data Review Sample Summary Report by Analysis Method

Reviewed By: **Approved By:** **Laboratory: Enthalpy Orange**

Client Sample ID	*Lab Sample ID*	*Matrix*	*Sample Type*	*Preparation Method*	*Collection Date*	*Validation Code*
Method: 6010B						
AFRAME-C7W-MED-L2-INT-0 TO 0.5-230725-L-FB	489066-012	WIPE	N	3050B	7/25/2023 8:30:00 AM	S2AVE
AFRAME-C7W-MED-L2-UP-C7.2-DG-230725-L-LA	489066-006	WIPE	N	3050B	7/25/2023 7:40:00 AM	S2AVE
Method: 8082						
230725-P-FB3	489066-042	WIPE	FB	3546	7/25/2023 9:30:00 AM	S2AVE
AFRAME-C6W-LAT-L1-EXT-1 TO 2-230725-P-WF	489066-022	WIPE	N	3546	7/25/2023 8:00:00 AM	S2AVE
AFRAME-C6W-LAT-L1-UP-C6.7-HS-230725-P-LA	489066-026	WIPE	N	3546	7/25/2023 8:15:00 AM	S2AVE
AFRAME-C6W-LAT-L2-DN-C6.1-DG-230725-P-LA	489066-009	WIPE	N	3546	7/25/2023 8:45:00 AM	S2AVE
AFRAME-C6W-LAT-L2-INT-0 TO 0.5-230725-P-FB	489066-007	WIPE	N	3546	7/25/2023 8:55:00 AM	S2AVE
AFRAME-C6W-MED-L1-DN-C6.7W-DG-230725-P-SS	489066-034	WIPE	N	3546	7/25/2023 10:00:00 AM	S2AVE
AFRAME-C6W-MED-L1-EXT-0 TO 1-230725-P-WF	489066-032	WIPE	N	3546	7/25/2023 10:10:00 AM	S2AVE
AFRAME-C6W-MED-L1-HS-3-230725-P-A	489066-020	WIPE	N	3546	7/25/2023 9:20:00 AM	S2AVE
AFRAME-C6W-MED-L1-HS-3-230725-P-G	489066-018	WIPE	N	3546	7/25/2023 9:10:00 AM	S2AVE
AFRAME-C6W-MED-L1-INT-1 TO 2-230725-P-FB	489066-024	WIPE	N	3546	7/25/2023 9:05:00 AM	S2AVE
AFRAME-C7W-LAT-L1-EXT-0 TO 1-230725-P-WF	489066-038	WIPE	N	3546	7/25/2023 9:30:00 AM	S2AVE
AFRAME-C7W-LAT-L1-INT-1 TO 2-230725-P-FB	489066-028	WIPE	N	3546	7/25/2023 8:50:00 AM	S2AVE
AFRAME-C7W-LAT-L1-UP-C7W-HS-230725-P-LA	489066-030	WIPE	N	3546	7/25/2023 8:40:00 AM	S2AVE
AFRAME-C7W-LAT-L2-UP-C7.1-VS-230725-P-I	489066-003	WIPE	N	3546	7/25/2023 7:30:00 AM	S2AVE
AFRAME-C7W-MED-L1-DN-C7W-DG-230725-P-SS	489066-040	WIPE	N	3546	7/25/2023 9:50:00 AM	S2AVE
AFRAME-C7W-MED-L1-INT-0 TO 1-230725-P-FB	489066-036	WIPE	N	3546	7/25/2023 9:40:00 AM	S2AVE
AFRAME-C7W-MED-L2-DN-C7.5-VS-230725-P-DUP-LA	489066-016	WIPE	FD	3546	7/25/2023 8:05:00 AM	S2AVE
AFRAME-C7W-MED-L2-DN-C7.5-VS-230725-P-LA	489066-015	WIPE	N	3546	7/25/2023 8:05:00 AM	S2AVE

Data Review Sample Summary Report by Analysis Method

Reviewed By: **Approved By:** **Laboratory: Enthalpy Orange**

Client Sample ID	*Lab Sample ID*	*Matrix*	*Sample Type*	*Preparation Method*	*Collection Date*	*Validation Code*
Method: 8082						
AFRAME-C7W-MED-L2-EXT-0 TO 1-230725-P-WF	489066-013	WIPE	N	3546	7/25/2023 8:15:00 AM	S2AVE
AFRAME-C7W-MED-L2-HS-1-230725-P-G	489066-001	WIPE	N	3546	7/25/2023 7:50:00 AM	S2AVE
AFRAME-C7W-MED-L2-INT-0 TO 0.5-230725-P-FB	489066-011	WIPE	N	3546	7/25/2023 8:30:00 AM	S2AVE
AFRAME-C7W-MED-L2-UP-C7.2-DG-230725-P-LA	489066-005	WIPE	N	3546	7/25/2023 7:40:00 AM	S2AVE

Data Review Sample Summary Report by Analysis Method

Reviewed By: **Approved By:** **Laboratory: Enthalpy Orange**

Client Sample ID	*Lab Sample ID*	*Matrix*	*Sample Type*	*Preparation Method*	*Collection Date*	*Validation Code*
Lab Reporting Batch: 489153						
Method: 6010B						
ARCH-C6W-EXT-7 TO 8-230725-L-DUP-WF	489153-003	WIPE	FD	3050B	7/25/2023 7:30:00 AM	S2AVE
ARCH-C6W-EXT-7 TO 8-230725-L-WF	489153-002	WIPE	N	3050B	7/25/2023 7:30:00 AM	S2AVE
Method: 8082						
ARCH-C6W-EXT-7 TO 8-230725-P-WF	489153-001	WIPE	N	3546	7/25/2023 7:30:00 AM	S2AVE

Crossed out Sample IDs not collected in the High Occupancy Area of Zone 4.

Data Review Sample Summary Report by Analysis Method

Reviewed By: **Approved By:** **Laboratory: Enthalpy Orange**

Client Sample ID	*Lab Sample ID*	*Matrix*	*Sample Type*	*Preparation Method*	*Collection Date*	*Validation Code*
Lab Reporting Batch: 489258						
Method: 6010B						
AFRAME-C6W-MED-L1-UP-C6.1-DG-230727-L-SS	489258-001	WIPE	N	3050B	7/27/2023 12:35:00 PM	S2AVE

Data Review Sample Summary Report by Analysis Method

Reviewed By: **Approved By:** **Laboratory: Enthalpy Orange**

Client Sample ID	*Lab Sample ID*	*Matrix*	*Sample Type*	*Preparation Method*	*Collection Date*	*Validation Code*

Validation Label Legend

Label Code	*Label Decription*	*EPA Level*
S1VE	Stage_1_Validation_Electronic	N/A
S1VM	Stage_1_Validation_Manual	N/A
S1VEM	Stage_1_Validation_Electronic_and_Manual	N/A
S2AVE	Stage_2A_Validation_Electronic	Level 3 w/o calibration
S2AVM	Stage_2A_Validation_Manual	Level 3 w/o calibration
S2AVEM	Stage_2A_Validation_Electronic_and_Manual	Level 3 w/o calibration
S2BVE	Stage_2B_Validation_Electronic	Level 3 with calibration
S2BVM	Stage_2B_Validation_Manual	Level 3 with calibration
S2BVEM	Stage_2B_Validation_Electronic_and_Manual	Level 3 with calibration
S3VE	Stage_3_Validation_Electronic	Level 4
S3VM	Stage_3_Validation_Manual	Level 4
S3VEM	Stage_3_Validation_Electronic_and_Manual	Level 4
S4VE	Stage_4_Validation_Electronic	Level 4
S4VM	Stage_4_Validation_Manual	Level 4
S4VEM	Stage_4_Validation_Electronic_and_Manual	Level 4
NV	Not_Validated	N/A

Attachment 2

Overall Data Qualification Summary

Data Qualifier Summary

Lab Reporting Batch ID: 489010 **Laboratory: Enthalpy Orange**

EDD Filename: Prep489010 **eQAPP Name:**

Method Category: SVOA

Method: 8082 ***Matrix:*** WIPE

Sample ID: AFRAME-C6W-LAT-L3-UP-C6.4-DG-230724-P-LA ***Collected:*** 7/24/2023 9:35:00 AM ***Analysis Type:*** RES ***Dilution:*** 1.000

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
AROCLOR-1254	0.50	U	0.19	MDL	0.50	CRQL	ug/100 cm2	UJ	Ccv
AROCLOR-1260	0.50	U	0.15	MDL	0.50	CRQL	ug/100 cm2	UJ	Ccv
Aroclor-1262	0.50	U	0.23	MDL	0.50	CRQL	ug/100 cm2	UJ	Ccv
AROCLOR-1268	0.50	U	0.46	MDL	0.50	CRQL	ug/100 cm2	UJ	Ccv

Sample ID: AFRAME-C6W-LAT-L3-UP-C6.7-DG-230724-P-DUP-LA ***Collected:*** 7/24/2023 8:40:00 AM ***Analysis Type:*** RES ***Dilution:*** 1.000

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
AROCLOR-1254	0.50	U	0.19	MDL	0.50	CRQL	ug/100 cm2	UJ	Ccv
AROCLOR-1260	0.50	U	0.15	MDL	0.50	CRQL	ug/100 cm2	UJ	Ccv
Aroclor-1262	0.50	U	0.23	MDL	0.50	CRQL	ug/100 cm2	UJ	Ccv
AROCLOR-1268	0.50	U	0.46	MDL	0.50	CRQL	ug/100 cm2	UJ	Ccv

Sample ID: AFRAME-C6W-LAT-L3-UP-C6.7-DG-230724-P-LA ***Collected:*** 7/24/2023 8:40:00 AM ***Analysis Type:*** RES ***Dilution:*** 1.000

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
AROCLOR-1254	0.50	U	0.19	MDL	0.50	CRQL	ug/100 cm2	UJ	Ccv
AROCLOR-1260	0.50	U	0.15	MDL	0.50	CRQL	ug/100 cm2	UJ	Ccv
Aroclor-1262	0.50	U	0.23	MDL	0.50	CRQL	ug/100 cm2	UJ	Ccv
AROCLOR-1268	0.50	U	0.46	MDL	0.50	CRQL	ug/100 cm2	UJ	Ccv

Sample ID: AFRAME-C6W-MED-L3-EXT-1 TO 2-230724-P-WF ***Collected:*** 7/24/2023 8:15:00 AM ***Analysis Type:*** RES ***Dilution:*** 1.000

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
AROCLOR-1254	0.50	U	0.19	MDL	0.50	CRQL	ug/100 cm2	UJ	Ccv
AROCLOR-1260	0.50	U	0.15	MDL	0.50	CRQL	ug/100 cm2	UJ	Ccv
Aroclor-1262	0.50	U	0.23	MDL	0.50	CRQL	ug/100 cm2	UJ	Ccv
AROCLOR-1268	0.50	U	0.46	MDL	0.50	CRQL	ug/100 cm2	UJ	Ccv

* denotes a non-reportable result

Project Name and Number: 20-10491 - Hangar 1 NTCRA

Data Qualifier Summary

Lab Reporting Batch ID: 489010 **Laboratory: Enthalpy Orange**

EDD Filename: Prep489010 **eQAPP Name:**

Method Category:	SVOA		
Method:	8082	*Matrix:*	WIPE

Sample ID: AFRAME-C6W-MED-L3-UP-C6.5-HM-230724-P-CB **Collected:** 7/24/2023 8:25:00 AM **Analysis Type:** RES **Dilution:** 1.000

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
AROCLOR-1254	0.50	U	0.19	MDL	0.50	CRQL	ug/100 cm2	UJ	Ccv
AROCLOR-1260	0.50	U	0.15	MDL	0.50	CRQL	ug/100 cm2	UJ	Ccv
Aroclor-1262	0.50	U	0.23	MDL	0.50	CRQL	ug/100 cm2	UJ	Ccv
AROCLOR-1268	0.50	U	0.46	MDL	0.50	CRQL	ug/100 cm2	UJ	Ccv

Sample ID: AFRAME-C6W-MED-L3-UP-C6W-DG-230724-P-LA **Collected:** 7/24/2023 9:30:00 AM **Analysis Type:** RES **Dilution:** 1.000

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
AROCLOR-1254	0.50	U	0.19	MDL	0.50	CRQL	ug/100 cm2	UJ	Ccv
AROCLOR-1260	0.50	U	0.15	MDL	0.50	CRQL	ug/100 cm2	UJ	Ccv
Aroclor-1262	0.50	U	0.23	MDL	0.50	CRQL	ug/100 cm2	UJ	Ccv
AROCLOR-1268	0.50	U	0.46	MDL	0.50	CRQL	ug/100 cm2	UJ	Ccv

Sample ID: AFRAME-C7W-LAT-L3-EXT-1 TO 2-230724-P-WF **Collected:** 7/24/2023 8:50:00 AM **Analysis Type:** RES **Dilution:** 1.000

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
AROCLOR-1254	0.50	U	0.19	MDL	0.50	CRQL	ug/100 cm2	UJ	Ccv
AROCLOR-1260	0.50	U	0.15	MDL	0.50	CRQL	ug/100 cm2	UJ	Ccv
Aroclor-1262	0.50	U	0.23	MDL	0.50	CRQL	ug/100 cm2	UJ	Ccv
AROCLOR-1268	0.50	U	0.46	MDL	0.50	CRQL	ug/100 cm2	UJ	Ccv

Sample ID: AFRAME-C7W-LAT-L3-UP-C7.1-DG-230724-P-DUP-LA **Collected:** 7/24/2023 9:05:00 AM **Analysis Type:** RES **Dilution:** 1.000

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
AROCLOR-1254	0.50	U	0.19	MDL	0.50	CRQL	ug/100 cm2	UJ	Ccv
AROCLOR-1260	0.50	U	0.15	MDL	0.50	CRQL	ug/100 cm2	UJ	Ccv
Aroclor-1262	0.50	U	0.23	MDL	0.50	CRQL	ug/100 cm2	UJ	Ccv
AROCLOR-1268	0.50	U	0.46	MDL	0.50	CRQL	ug/100 cm2	UJ	Ccv

* denotes a non-reportable result

Project Name and Number: 20-10491 - Hangar 1 NTCRA

Data Qualifier Summary

Lab Reporting Batch ID: 489010 **Laboratory: Enthalpy Orange**

EDD Filename: Prep489010 **eQAPP Name:**

Method Category: SVOA

Method: 8082 ***Matrix:*** WIPE

Sample ID: AFRAME-C7W-LAT-L3-UP-C7.1-DG-230724-P-LA ***Collected:*** 7/24/2023 9:05:00 AM ***Analysis Type:*** RES ***Dilution:*** 1.000

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
AROCLOR-1254	0.50	U	0.19	MDL	0.50	CRQL	ug/100 cm2	UJ	Ccv
AROCLOR-1260	0.50	U	0.15	MDL	0.50	CRQL	ug/100 cm2	UJ	Ccv
Aroclor-1262	0.50	U	0.23	MDL	0.50	CRQL	ug/100 cm2	UJ	Ccv
AROCLOR-1268	0.50	U	0.46	MDL	0.50	CRQL	ug/100 cm2	UJ	Ccv

Sample ID: AFRAME-C7W-LAT-L3-UP-C7.3-DG-230724-P-LA ***Collected:*** 7/24/2023 9:55:00 AM ***Analysis Type:*** RES ***Dilution:*** 1.000

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
AROCLOR-1254	0.50	U	0.19	MDL	0.50	CRQL	ug/100 cm2	UJ	Ccv
AROCLOR-1260	0.50	U	0.15	MDL	0.50	CRQL	ug/100 cm2	UJ	Ccv
Aroclor-1262	0.50	U	0.23	MDL	0.50	CRQL	ug/100 cm2	UJ	Ccv
AROCLOR-1268	0.50	U	0.46	MDL	0.50	CRQL	ug/100 cm2	UJ	Ccv

Sample ID: AFRAME-C7W-MED-L3-UP-C7.6-HM-230724-P-CB ***Collected:*** 7/24/2023 9:15:00 AM ***Analysis Type:*** RES ***Dilution:*** 1.000

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
AROCLOR-1254	0.50	U	0.19	MDL	0.50	CRQL	ug/100 cm2	UJ	Ccv
AROCLOR-1260	0.50	U	0.15	MDL	0.50	CRQL	ug/100 cm2	UJ	Ccv
Aroclor-1262	0.50	U	0.23	MDL	0.50	CRQL	ug/100 cm2	UJ	Ccv
AROCLOR-1268	0.50	U	0.46	MDL	0.50	CRQL	ug/100 cm2	UJ	Ccv

Sample ID: AFRAME-C7W-MED-L3-UP-C7W-DG-230724-P-LA ***Collected:*** 7/24/2023 9:45:00 AM ***Analysis Type:*** RES ***Dilution:*** 1.000

Analyte	Lab Result	Lab Qual	DL	DL Type	RL	RL Type	Units	Data Review Qual	Reason Code
AROCLOR-1254	0.50	U	0.19	MDL	0.50	CRQL	ug/100 cm2	UJ	Ccv
AROCLOR-1260	0.50	U	0.15	MDL	0.50	CRQL	ug/100 cm2	UJ	Ccv
Aroclor-1262	0.50	U	0.23	MDL	0.50	CRQL	ug/100 cm2	UJ	Ccv
AROCLOR-1268	0.50	U	0.46	MDL	0.50	CRQL	ug/100 cm2	UJ	Ccv

* denotes a non-reportable result

Project Name and Number: 20-10491 - Hangar 1 NTCRA

Data Qualifier Summary

Lab Reporting Batch ID: 489010 **Laboratory: Enthalpy Orange**

EDD Filename: Prep489010 **eQAPP Name:**

Reason Code Legend

Reason Code	*Description*
Ccv	Continuing Calibration Verification Percent Difference Upper Rejection

* denotes a non-reportable result

Project Name and Number: 20-10491 - Hangar 1 NTCRA

SDG# 489058 does not contain samples collected in the high occupancy area of Zone 4.

Data Qualifier Summary

Lab Reporting Batch ID: 489058 **Laboratory: Enthalpy Orange**

EDD Filename: Prep489058 **eQAPP Name:**

Method Category: METALS

Method: 6010B ***Matrix:*** WIPE

Sample ID: ARCH-C6W-PS-6.5-230724-L-G ***Collected:*** 7/24/2023 9:45:00 AM ***Analysis Type:*** RES ***Dilution:*** 1.000

Analyte	*Lab Result*	*Lab Qual*	*DL*	*DL Type*	*RL*	*RL Type*	*Units*	*Data Review Qual*	*Reason Code*
LEAD	16		0.072	MDL	0.50	CRQL	ug/ft2	U	Fb

* denotes a non-reportable result

Project Name and Number: 20-10491 - Hangar 1 NTCRA

Data Qualifier Summary

Lab Reporting Batch ID: 489058

Laboratory: Enthalpy Orange

EDD Filename: Prep489058

eQAPP Name:

Reason Code Legend

Reason Code	*Description*
Fb	Field Blank Contamination

* denotes a non-reportable result

Project Name and Number: 20-10491 - Hangar 1 NTCRA

Data Qualifier Summary

Lab Reporting Batch ID: 489059

EDD Filename: Prep489059

Laboratory: Enthalpy Orange

eQAPP Name:

No Data Review Qualifiers Applied.

Data Qualifier Summary

Lab Reporting Batch ID: 489066
EDD Filename: Prep489066

Laboratory: Enthalpy Orange
eQAPP Name:

No Data Review Qualifiers Applied.

SDG# 489153 does not contain samples collected in the high occupancy area of Zone 4.

Data Qualifier Summary

Lab Reporting Batch ID: 489153
EDD Filename: Prep489153

Laboratory: Enthalpy Orange
eQAPP Name:

No Data Review Qualifiers Applied.

Enclosure I

Validation Outlier Reports

Quality Control
Outlier Reports

489010

The line item for field blanks includes any blank samples collected in the field (i.e., field blank and/or media blank samples).

LDC #: 57398A3b

VALIDATION COMPLETENESS WORKSHEET

Stage 3

Date: 9/13/23

SDG #: 489010

Page: 1 of 1

Laboratory: Enthalpy Analytical, Orange, CA

Reviewer: FP

2nd Reviewer:

METHOD: GC Polychlorinated Biphenyls (EPA SW-846 Method 8082)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A/A	
II.	Initial calibration/ICV	A/A	%D ≤ 20 ICV ≤ 20 15
III.	Continuing calibration	SW	CCV ≤ 20 15
IV.	Laboratory Blanks	A	
V.	Field blanks	N	
VI.	Surrogate spikes 1/7	A/A	
VII.	Matrix spike/Matrix spike duplicates	N	CO
VIII.	Laboratory control samples	A	LC>1D
IX.	Field duplicates	ND	D= 2, 3 6, 7
X.	Target analyte quantitation	A	
XI.	Target analyte identification	A	
XII.	Overall assessment of data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank; SB=Source blank; OTHER:

	Client ID		Lab ID	Matrix	Date
1	AFRAME-C6W-MED-L3-EXT-1 TO 2-230724-P-WF		489010-001	Wipe	07/24/23
2	AFRAME-C6W-LAT-L3-UP-C6.7-DG-230724-P-LA	D	489010-004	Wipe	07/24/23
3	AFRAME-C6W-LAT-L3-UP-C6.7-DG-230724-P-DUP-LA	D	489010-005	Wipe	07/24/23
4	AFRAME-C6W-MED-L3-UP-C6.5-HM-230724-P-CB		489010-007	Wipe	07/24/23
5	AFRAME-C7W-LAT-L3-EXT-1 TO 2-230724-P-WF		489010-009	Wipe	07/24/23
6	AFRAME-C7W-LAT-L3-UP-C7.1-DG-230724-P-LA	D,	489010-012	Wipe	07/24/23
7	AFRAME-C7W-LAT-L3-UP-C7.1-DG-230724-P-DUP-LA	D,	489010-013	Wipe	07/24/23
8	AFRAME-C7W-MED-L3-UP-C7.6-HM-230724-P-CB		489010-015	Wipe	07/24/23
9	AFRAME-C6W-LAT-L3-UP-C6.4-DG-230724-P-LA		489010-017	Wipe	07/24/23
10	AFRAME-C6W-MED-L3-UP-C6W-DG-230724-P-LA		489010-019	Wipe	07/24/23
11	AFRAME-C7W-MED-L3-UP-C7W-DG-230724-P-LA		489010-021	Wipe	07/24/23
12	AFRAME-C7W-LAT-L3-UP-C7.3-DG-230724-P-LA		489010-023	Wipe	07/24/23
13					

Notes:

	318884						

The line item for field blanks includes any blank samples collected in the field (i.e., field blank and/or media blank samples).

LDC #: 57398A3b

VALIDATION FINDINGS CHECKLIST

Method: ✓GC ___HPLC

Validation Area	Yes	No	NA	Findings/Comments
I. Technical holding times				
Were all technical holding times met?	✓			
Was cooler temperature criteria met?	✓			
IIa. Initial calibration				
Did the laboratory perform a 5 point calibration prior to sample analysis?	✓			
Were all percent relative standard deviations (%RSD) ≤ 20%?	✓			
Was a curve fit used for evaluation? If yes, did the initial calibration meet the curve fit acceptance criteria of ≥0.990?			✓	
Were the RT windows properly established?	✓			
IIb. Initial calibration verification				
Was an initial calibration verification standard analyzed after each initial calibration for each instrument?	✓			
Were all percent differences (%D) ≤ 20%?	✓			
III. Continuing calibration				
Was a continuing calibration analyzed daily?	✓			
Were all percent differences (%D) ≤ 20%?	✓			
Were all the retention times within the acceptance windows?	✓			
IV. Laboratory Blanks				
Was a laboratory blank associated with every sample in this SDG?	✓			
Was a laboratory blank analyzed for each matrix and concentration?	✓			
Was there contamination in the laboratory blanks?		✓		
V. Field Blanks				
Were field blanks identified in this SDG?		✓		
Were target compounds detected in the field blanks?			✓	
VI. Surrogate spikes				
Were all surrogate percent recovery (%R) within the QC limits?	✓			
If the percent recovery (%R) of one or more surrogates was outside QC limits, was a reanalysis performed to confirm %R?			✓	
If any %R was less than 10 percent, was a reanalysis performed to confirm %R?			✓	
VII. Matrix spike/Matrix spike duplicates				
Were matrix spike (MS) and matrix spike duplicate (MSD) analyzed in this SDG?			✓	
Were the MS/MSD percent recoveries (%R) and the relative percent differences (RPD) within the QC limits?			✓	
VIII. Laboratory control samples				
Was an LCS analyzed per analytical or extraction batch?	✓			
Were the LCS percent recoveries (%R) and relative percent difference (RPD) within the QC limits?	✓			
IX. Field duplicates				

Were field duplicate pairs identified in this SDG?	✓			
Were target compounds detected in the field duplicates?		✓		
X. Compound quantitation				
Did the laboratory LOQs/RLs meet the QAPP LOQs/RLs?	✓			
Were compound quantitation and RLs adjusted to reflect all sample dilutions and dry weight factors applicable to level IV validation?	✓			
XI. Target compound identification				
Were the retention times of reported detects within the RT windows?	✓			
XIII. Overall assessment of data				
Overall assessment of data was found to be acceptable.	✓			

VALIDATION FINDINGS WORKSHEET

METHOD: Pesticide/PCBs (EPASW 846 Method 8081/8082)

A. alpha-BHC	I. Dieldrin	Q. Endrin ketone	Y. Aroclor-1242	GG. Chlordane
B. beta-BHC	J. 4,4'-DDE	R. Endrin aldehyde	Z. Aroclor-1248	HH. Chlordane (Technical)
C. delta-BHC	K. Endrin	S. alpha-Chlordane	AA. Aroclor-1254	II. Aroclor 1262
D. gamma-BHC	L. Endosulfan II	T. gamma-Chlordane	BB. Aroclor-1260	JJ. Aroclor 1268
E. Heptachlor	M. 4,4'-DDD	U. Toxaphene	CC. 2,4'-DDD	KK. Oxychlordane
F. Aldrin	N. Endosulfan sulfate	V. Aroclor-1016	DD. 2,4'-DDE	LL. trans-Nonachlor
G. Heptachlor epoxide	O. 4,4'-DDT	W. Aroclor-1221	EE. 2,4'-DDT	MM. cis-Nonachlor
H. Endosulfan I	P. Methoxychlor	X. Aroclor-1232	FF. Hexachlorobenzene	NN.

Notes:_____

_____

_____

LDC #: 57398A3b

VALIDATION FINDINGS WORKSHEET
Continuing Calibration

Reviewer: FT

METHOD: ✓ GC __ HPLC

Please see qualifications below for all questions answered "N". Not applicable questions are identified as "N/A".

What type of continuing calibration calculation was performed? ___%D or ___%R

Y N N/A Were continuing calibration standards analyzed at the required frequencies?

Y N N/A Did the continuing calibration standards meet the %D / %R validation criteria of ≤20.0% / 80-120%?

Level IV Only

Y N N/A Were the retention times for all calibrated compounds within their respective acceptance windows?

#	Date	Standard ID	Detector/ Column	Compound	%D (Limit ≤ 20.0)	RT (limit)	Associated Samples	Qualifications
	7/25/23	CCV	ch A	BB	21		All	J/NJ/A ND
	1230							qual Z, AA, BB
								Aroclor - 1262
								Aroclor - 1268

LDC #: 57398A3b

VALIDATION FINDINGS WORKSHEET
Initial Calibration Calculation Verification

Reviewer: FT

METHOD: GC ✓ HPLC _____

The calibration factors (CF) and relative standard deviation (%RSD) were recalculated using the following calculations:

CF = A/C
Average CF = sum of the CF/number of standards
%RSD = 100 * (S/X)

Where: A = Area of compound
C = Concentration of compound
S = Standard deviation of calibration factors
X = Mean of calibration factors

#	Standard ID	Calibration Date	Compound	Reported CF (250 std)	Recalculated CF (250 std)	Reported CF (initial)	Recalculated CF (intial)	Reported %RSD	Recalculated %RSD
1	ICAL	5/22/23	Aroclor 1260-1 chA	0.0709	0.0709	0.0661	0.0661	14	14
			↓ chB	0.0579	0.0579	0.0564	0.0564	17	17
2									
3									
4									

Comments: Refer to Initial Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 57398A3b

VALIDATION FINDINGS WORKSHEET
Continuing Calibration Results Verification

Reviewer: FT

METHOD: GC ✓ HPLC _____

The percent difference (%D) of the initial calibration average Calibration Factors (CF) and the continuing calibration CF were recalculated for the compounds identified below using the following calculation:

% Difference = 100 * (ave. CF -CF)/ave.CF

Where: ave. CF = initial calibration average CF
CF = continuing calibration CF
A = Area of compound
C = Concentration of compound

#	Standard ID	Calibration Date	Compound	Average CF(ICAL)/ CCV Conc.	Reported CF/ Conc. CCV	Recalculated CF/ Conc. CCV	Reported %D	Recalculated %D
1	CCV	7/25/23	Aroclor 1260 ch A	500.0	396.6	396.6	21	21
			↓ ch B	500.0	437.3	437.3	13	13
2								
3								
4								

Comments: Refer to Continuing Calibration findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 57398A3b

VALIDATION FINDINGS WORKSHEET
Surrogate Results Verification

Reviewer: FT

METHOD: ✓ GC __ HPLC

The percent recoveries (%R) of surrogates were recalculated for the compounds identified below using the following calculation:

% Recovery: SF/SS * 100

Where: SF = Surrogate Found
SS = Surrogate Spiked

Sample ID: # 12

Surrogate	Column/Detector	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference
TCMX	ch B	50	31.7166	~~60~~ 63	63	0
DCB	↓	↓	26.9204	~~67~~ 54	54	0

Sample ID: _____

Surrogate	Column/Detector	Surrogate Spiked	Surrogate Found	Percent Recovery Reported	Percent Recovery Recalculated	Percent Difference

	Surrogate Compound		Surrogate Compound		Surrogate Compound		Surrogate Compound		Surrogate Compound
A	Chlorobenzene (CBZ)	G	Octacosane	M	Benzo(e)Pyrene	S	1-Chloro-3-Nitrobenzene	Y	Tetrachloro-m- xylene
B	4-Bromofluorobenzene (BFB)	H	Ortho-Terphenyl	N	Terphenyl-D14	T	3,4-Dinitrotoluene	Z	2-Bromonaphthalene
C	a,a,a-Trifluorotoluene	I	Fluorobenzene (FBZ)	O	Decachlorobiphenyl (DCB)	U	Tripentyltin	AA	Chloro-octadecane
D	Bromochlorobenene	J	n-Triacontane	P	1-methylnaphthalene	V	Tri-n-propyltin	BB	2,4-Dichlorophenylacetic acid
E	1,4-Dichlorobutane	K	Hexacosane	Q	Dichlorophenyl Acetic Acid (DCAA)	W	Tributyl Phosphate	CC	2,5-Dibromotoluene
F	1,4-Difluorobenzene (DFB)	L	Bromobenzene	R	4-Nitrophenol	X	Triphenyl Phosphate		

LDC #: 57398A3b

VALIDATION FINDINGS WORKSHEET

Laboratory Control Sample/Laboratory Control Sample Duplicates Results Verification

Reviewer: FT

METHOD: ✓ GC ___HPLC

The percent recoveries (%R) and relative percent differences (RPD) of the laboratory control sample and laboratory control sample duplicate were recalculated for the compounds identified below using the following calculation:

%Recovery = 100 * (SSC/SA)
RPD =(({SSCLCS - SSCLCSD} * 2) / (SSCLCS + SSCLCSD))*100

Where SSC = Spiked sample concentration
LCS = Laboratory Control Sample
SA = Spike added
LCSD = Laboratory Control Sample duplicate

LCS/LCSD samples: 31588 LCS ID

Compound	Spike Added (ug/100 cm²)		Spike Sample Concentration (ug/100 cm²)		LCS Percent Recovery		LCSD Percent Recovery		LCS/LCSD RPD	
	LCS	LCSD	LCS	LCSD	Reported	Recalc.	Reported	Recalc.	Reported	Recalc.
Aroclor 1260	5.0	5.0	3.885	3.723	78	78	74	74	4	4

Comments: Refer to Laboratory Control Sample/Laboratory Control Sample Duplicate findings worksheet for list of qualifications and associated samples when reported results do not agree within 10.0% of the recalculated results.

LDC #: 57398A3b

VALIDATION FINDINGS WORKSHEET
Sample Calculation Verification

Reviewer: FT

METHOD: ✓ GC __ HPLC

Y N N/A Were all reported results recalculated and verified for all level IV samples?
Y N N/A Were all recalculated results for detected target compounds within 10% of the reported results?

Concentration= (A)(Fv)(Df) / (RF)(Vs or Ws)(%S/100)

A= Area or height of the compound to be measured
Fv= Final Volume of extract
Df= Dilution Factor
RF= Average response factor of the compound In the initial calibration
Vs= Initial volume of the sample
Ws= Initial weight of the sample
%S= Percent Solid

Example:

Sample ID. 31888-LC> Compound Name Aroclor 1260

Concentration = $\frac{388.486 \quad (10)}{(1) \quad (1000)}$ =

= 3.88486 ug/100 cm^2

#	Sample ID	Compound	Reported Concentrations (ug/100 cm^2)	Recalculated Results Concentrations (ug/100 cm^2)	Qualifications
	LC>	Aroclor 1260	3.885	3.88486	
	1260-1 = ~~5733.30~~	$\frac{9388944.60}{(9007377.8)(0.0564)}$ (20) =		369.63	1260-1 = 369.63
					2 = 416.9
					3 = 351.8
					4 = 422.6
					5 = 381.5
					Ave = 388.486

Comments:

The line item for field blanks includes any blank samples collected in the field (i.e., field blank and/or media blank samples).

LDC #: 57398A4b

VALIDATION COMPLETENESS WORKSHEET

Stage 3

Date: 10/5/2023

SDG #: 489010

Page: ___ of ___

Laboratory: Enthalpy Analytical, Orange, CA

Reviewer: JC

2nd Reviewer: [illegible]

METHOD: Lead (EPA SW-846 Method 6010B)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A / A	
II.	Instrument Calibration	A	
III.	ICP Interference Check Sample (ICS) Analysis	A	
IV.	Laboratory Blanks	A	
V.	Field Blanks	N	
VI.	Matrix Spike/Matrix Spike Duplicates	N	
VII.	Duplicate sample analysis	N	
VIII.	Serial Dilution	N	
IX.	Laboratory control samples	A	LCS/LCSD
X.	Field Duplicates	SW	FD = 6/5, 2/1
XI.	Target Analyte Quantitation	A	
XII.	Overall Assessment of Data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank; SB=Source blank; OTHER:

	Client ID	Lab ID	Matrix	Date
1	AFRAME-C6W-MED-L3-EXT-1 TO 2-230724-L-WF	489010-002	Wipe	07/24/23
2	AFRAME-C6W-MED-L3-EXT-1 TO 2-230724-L-DUP-WF	489010-003	Wipe	07/24/23
3	AFRAME-C6W-LAT-L3-UP-C6.7-DG-230724-L-LA	489010-006	Wipe	07/24/23
4	AFRAME-C6W-MED-L3-UP-C6.5-HM-230724-L-CB	489010-008	Wipe	07/24/23
5	AFRAME-C7W-LAT-L3-EXT-1 TO 2-230724-L-WF	489010-010	Wipe	07/24/23
6	AFRAME-C7W-LAT-L3-EXT-1 TO 2-230724-L-DUP-WF	489010-011	Wipe	07/24/23
7	AFRAME-C7W-LAT-L3-UP-C7.1-DG-230724-L-LA	489010-014	Wipe	07/24/23
8	AFRAME-C7W-MED-L3-UP-C7.6-HM-230724-L-CB	489010-016	Wipe	07/24/23
9	AFRAME-C6W-LAT-L3-UP-C6.4-DG-230724-L-LA	489010-018	Wipe	07/24/23
10	AFRAME-C6W-MED-L3-UP-C6W-DG-230724-L-LA	489010-020	Wipe	07/24/23
11	AFRAME-C7W-MED-L3-UP-C7W-DG-230724-L-LA	489010-022	Wipe	07/24/23
12	AFRAME-C7W-LAT-L3-UP-C7.3-DG-230724-L-LA	489010-024	Wipe	07/24/23
13				
14				
15				

Notes:

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)				
Validation Area	**Yes**	**No**	**NA**	**Comments**
I. Technical holding times				
Were all technical holding times met?	X			
Were all water samples preserved to a pH of <2.			X	
II. ICP-MS Tune				
Were mass resolutions within 0.1 amu for all isotopes in the tuning solution?			X	
Were %RSDs of isoptoes in the tuning solution ≤5%?			X	
III. Calibration				
Were all instruments calibrated daily?	X			
Were the proper standards used?	X			
Were all initial and continuing calibration verifications within the 90-110% (80-120% for mercury) QC limits?	X			
Were the low level standard checks within 70-130%?			X	Low level was ran. R% was not provided by the lab.
Were all initial calibration correlation coefficients within limits as specifed by the method?	X			
IV. Interference Check Sample				
Were the interference check samples performed daily?	X			
Were the AB solution recoveries within 80-120%?	X			
V. Blanks				
Was a method blank associated with every sample in this SDG?	X			
Was there contamination in the method blanks?		X		
Was there contamination in the initial and continuing calibration blanks?		X		
VI. Field Blanks				
Were field blanks identified in this SDG?			X	
Were target analytes detected in the field blanks?			X	

The line item for field blanks includes any blank samples collected in the field (i.e., field blank and/or media blank samples).

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)

Validation Area	Yes	No	NA	Comments
VII. Matrix Spike/Matrix Spike Duplicates/Laboratory Duplicates				
Were MS/MSD recoveries within the QC limits? (If the sample concentration exceeded the spike concentration by a factor of 4, no action was taken.)			X	
Were the MS/MSD or laboratory duplicate relative percent differences (RPDs) within the QC limits?			X	
IX. Serial Dilution				
Were all percent differences <10%?			X	
Was there evidence of negative interference? If yes, professional judgement will be used to qualify the data.			X	
X. Laboratory Control Samples				
Was a LCS analyzed for each batch in the SDG?	X			
Were the LCS recoveries and RPDs (if applicable)	X			
XI. Field Duplicates				
Were field duplicates identifed in this SDG?	X			
Were target analytes detected in the field duplicates?	X			
VII. Internal Standards				
Were all percent recoveries within the 30-120% (60-125% for EPA Method 200.8) QC limits?	X			
If the recoveries were outside the limits, was a reanalysis performed?			X	
XIII. Target Analyte Quantitation				
Were all reporting limits adjusted to reflect sample	X			
Were all soil samples dry weight corrected?			X	
XIV. Overall Assessment of Data				
Was the overall assessment of the data found to be acceptable?	X			

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)

Percent recoveries (%R) for the laboratory control sample (LCS), ~~matrix spike (MS)~~, and post digestion spike (PDS) were recalculated using the following formula:

%R = (Found/True) x 100

Found = concentration of each analyte measured in the analysis. For the MS calculation, Found = SSR (Spiked Sample Result) - SR (Sample Result)

True = concentration of each analyte in the source

The sample and duplicate relative percent difference (RPD) was recalculated using the following formula:

RPD = (Absolute value(S-D)x 200) / (S+D)

S = Original sample concentration

D = Duplicate sample concentration

The serial dilution percent difference (%D) was recalculated using the following formula.

%D = (Absolute value (I - SDR)) x 100 / (I)

I = Initial sample result

SDR = Serial dilution result (with a 5x dilution applied)

Sample ID	Type of Analysis	Element	Found/S/I	True/D/SDR	Recalculated %R/RPD/%D	Reported %R/RPD/%D	Acceptable (Y/N)
QC1082052	LCS	Pb	50.04	50	100	100	Y
	~~MS~~						
QC1082052/53	Duplicate	Pb	50.04	49.82	0	0	Y
	PDS						
	Serial dilution						

METHOD: Trace Metals (EPA SW 846 Methods 6010/6020/7000)

An intial calibration verification (ICV), continuing calibration verification (CCV), low level calibration check (LLCC), and interference check sample (ICSAB) percent recovery (%R) was recalculated for each type of analysis using the following formula:

%R = (Found/True) x 100

Found = concentration of each analyte measured in the analysis

True = concentration of each analyte in the source

Standard ID	Type of Analysis	Element	Found (mg/L)	True (mg/L)	Recalculated %R	Reported %R	Acceptable (Y/N)
ICV	ICP	Pb	0.9896	1	99	99	Y
CCV	ICP	Pb	1	1.019	98	98	Y
LLCC	ICP						
ICSAB	ICP	Pb	1.041	1	104	104	Y
ICV	ICP-MS						
CCV	ICP-MS						
LLCC	ICP-MS						
ICSAB	ICP-MS						
ICV	CVAA						
CCV	CVAA						

ICP-MS Tune	QC Parameter	Mass	Actual	Required
	Mass Axis			± 0.1 amu
	%RSD			≤ 5%

Field Duplicate RPD Report

Lab Reporting Batch ID: 489010 **Laboratory: Enthalpy Orange**

EDD Filename: Prep489010 **eQAPP Name:**

Method: 6010B
Matrix: WIPE

Analyte	*Concentration (ug/ft2)*		*Sample RPD*	*eQAPP RPD*	*Flag*
	AFRAME-C7W-LAT-L3-EXT-1 TO 2-230724-	**AFRAME-C7W-LAT-L3-EXT-1 TO 2-230724-L-**			
LEAD	52	57	9	100.00	No Qualifiers Applied

Analyte	*Concentration (ug/ft2)*		*Sample RPD*	*eQAPP RPD*	*Flag*
	AFRAME-C6W-MED-L3-EXT-1 TO 2-230724-	**AFRAME-C6W-MED-L3-EXT-1 TO 2-230724-**			
LEAD	56	43	26	100.00	No Qualifiers Applied

Quality Control
Outlier Reports

~~489058~~

SDG# 489058 does not contain samples collected in the high occupancy area of Zone 4.

The line item for field blanks includes any blank samples collected in the field (i.e., field blank and/or media blank samples).

LDC #: 57398B3b

VALIDATION COMPLETENESS WORKSHEET

Stage 2A

Date: 10/05/2023

SDG #: 489058

Page: of

Laboratory: Enthalpy Analytical, Orange, CA

Reviewer: BM

2nd Reviewer:

METHOD: GC Polychlorinated Biphenyls (EPA SW-846 Method 8082)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A/A	
II.	Initial calibration/ICV	N/N	
III.	Continuing calibration	N	
IV.	Laboratory Blanks	ND	
V.	Field blanks	ND	FB= 22, 23
VI.	Surrogate spikes	A	
VII.	Matrix spike/Matrix spike duplicates	N	
VIII.	Laboratory control samples	A	
IX.	Field duplicates	ND	FD= 9/8, 14/15
X.	Target analyte quantitation	N	
XI.	Target analyte identification	N	
XII.	Overall assessment of data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank; SB=Source blank; OTHER:

	Client ID	Lab ID	Matrix	Date
1	ARCH-C6W-PS-5.5-230724-P-G	489058-001	Wipe	07/24/23
2	ARCH-C7W-PS-5.5-230724-P-G	489058-003	Wipe	07/24/23
3	ARCH-C7W-DG-5 TO 5.5-DN-7.6-DG-230724-P-LA	489058-005	Wipe	07/24/23
4	ARCH-C6W-DG-5.5 TO 6-UP-C6.4-HS-230724-P-LA	489058-007	Wipe	07/24/23
5	ARCH-C7W-DG-5.5 TO 6-DN-C7.1-VS-230724-P-LA	489058-009	Wipe	07/24/23
6	ARCH-C6W-DG-6 TO 6.5-UP-C6.3-VS-230724-P-LA	489058-011	Wipe	07/24/23
7	ARCH-C7W-DG-6 TO 6.5-230724-P-FB	489058-013	Wipe	07/24/23
8	ARCH-C7W-DG-6 TO 6.5-UP-C7.5-VS-230724-P-LA	489058-016	Wipe	07/24/23
9	ARCH-C7W-DG-6 TO 6.5-UP-C7.5-VS-230724-P-DUP-LA	489058-017	Wipe	07/24/23
10	ARCH-C6W-DG-6 TO 6.5-DN-C6.1-DG-230724-P-LA	489058-019	Wipe	07/24/23
11	ARCH-C7W-DG-6 TO 6.5-DN-C7.3-DG-230724-P-LA	489058-021	Wipe	07/24/23
12	ARCH-C6W-PS-6.5-230724-P-G	489058-023	Wipe	07/24/23
13	ARCH-C7W-PS-6.5-230724-P-G	489058-025	Wipe	07/24/23
14	ARCH-C7W-DG-7 TO 7.5-UP-C7.1-VS-230724-P-LA	489058-027	Wipe	07/24/23
15	ARCH-C6W-DG-7.5 TO 8-UP-C6W-HM-230724-P-LA	489058-029	Wipe	07/24/23
16	ARCH-C6W-DG-7.5-TO 8-UP-C6W-HM-230724-P-DUP-LA	489058-030	Wipe	07/24/23
17	ARCH-C7W-INT-7.5 TO 9-230724-P-WF	489058-032	Wipe	07/24/23

LDC #: 57398B3b

SDG #: 489058

Laboratory: Enthalpy Analytical, Orange, CA

VALIDATION COMPLETENESS WORKSHEET

Stage 2A

Date: 10/05/2023

Reviewer: BM

2nd Reviewer: _____

METHOD: GC Polychlorinated Biphenyls (EPA SW-846 Method 8082)

	Client ID	Lab ID	Matrix	Date
18	ARCH-C6W-DG-7.5 TO 8-DN-C6.7-DG-230724-P-LA	489058-034	Wipe	07/24/23
19	ARCH-C6W-DG-7.5 TO 8-DN-C6.1-VS-230724-P-LA	489058-036	Wipe	07/24/23
20	ARCH-C7W-DG-7.5 TO 8-DN-C7.5-VS-230724-P-LA	489058-038	Wipe	07/24/23
21	ARCH-C7W-EXT-8 TO 9-230724-P-WF	489058-040	Wipe	07/24/23
22	230724-P-FB2	489058-042	Wipe	07/24/23
23	230724-P-FB3	489058-045	Wipe	07/24/23
24				
25				
26				
27				

Notes:

The line item for field blanks includes any blank samples collected in the field (i.e., field blank and/or media blank samples).

LDC #: 57398B4b
SDG #: 489058
Laboratory: Enthalpy Analytical, Orange, CA

VALIDATION COMPLETENESS WORKSHEET
Stage 2A

Date: 10/05/2023
Page: 1 of 2
Reviewer: BM
2nd Reviewer:

METHOD: Lead (EPA SW-846 Method 6010B)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A / A	
II.	Instrument Calibration	N	
III.	ICP Interference Check Sample (ICS) Analysis	N	
IV.	Laboratory Blanks	ND	
V.	Field Blanks	~~N~~ SW	FB=21, 22, 23, 24
VI.	Matrix Spike/Matrix Spike Duplicates	N	
VII.	Duplicate sample analysis	N	
VIII.	Serial Dilution	N	
IX.	Laboratory control samples	A	
X.	Field Duplicates	SW	~~FB=21, 22, 23, 24~~ FD= 8/7
XI.	Target Analyte Quantitation	N	
XII.	Overall Assessment of Data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank; SB=Source blank; OTHER:

	Client ID	Lab ID	Matrix	Date
1	ARCH-C6W-PS-5.5-230724-L-G	489058-002	Wipe	07/24/23
2	ARCH-C7W-PS-5.5-230724-L-G	489058-004	Wipe	07/24/23
3	ARCH-C7W-DG-5 TO 5.5-DN-7.6-DG-230724-L-LA	489058-006	Wipe	07/24/23
4	ARCH-C6W-DG-5.5 TO 6-UP-C634-HS-230724-L-LA	489058-008	Wipe	07/24/23
5	ARCH-C7W-DG-5.5 TO 6-DN-7.1-VS-230724-L-LA	489058-010	Wipe	07/24/23
6	ARCH-C6W-DG-6 TO 6.5-UP-C6.3-VS-230724-L-LA	489058-012	Wipe	07/24/23
7	ARCH-C7W-DG-6 TO 6.5-230724-L-FB	489058-014	Wipe	07/24/23
8	ARCH-C7W-DG-6 TO 6.5-230724-L-DUP-FB	489058-015	Wipe	07/24/23
9	ARCH-C7W-DG-6 TO 6.5-UP-C7.5-VS-230724-L-LA	489058-018	Wipe	07/24/23
10	ARCH-C6W-DG-6 TO 6.5-DN-C6.1-DG-230724-L-LA	489058-020	Wipe	07/24/23
11	ARCH-C7W-DG-6 TO 6.5-DN-C7.3-DG-230724-L-LA	489058-022	Wipe	07/24/23
12	ARCH-C6W-PS-6.5-230724-L-G	489058-024	Wipe	07/24/23
13	ARCH-C7W-PS-6.5-230724-L-G	489058-026	Wipe	07/24/23
14	ARCH-C7W-DG-7 TO 7.5-UP-C7.1-VS-230724-L-LA	489058-028	Wipe	07/24/23
15	ARCH-C6W-DG-7.5 TO 8-UP-C6W-HM-230724-L-LA	489058-031	Wipe	07/24/23
16	ARCH-C7W-INT-7.5 TO 9-230724-L-WF	489058-033	Wipe	07/24/23
17	ARCH-C6W-DG-7.5 TO 8-DN-C6.7-DG-230724-L-LA	489058-035	Wipe	07/24/23

LDC #: 57398B4b

SDG #: 489058

Laboratory: Enthalpy Analytical, Orange, CA

VALIDATION COMPLETENESS WORKSHEET

Stage 2A

Date: 10/05/2023

Reviewer: BM

2nd Reviewer:

METHOD: Lead (EPA SW-846 Method 6010B)

	Client ID	Lab ID	Matrix	Date
18	ARCH-C6W-DG-7.5 TO 8-DN-C6.1-VS-230724-L-LA	489058-037	Wipe	07/24/23
19	ARCH-C7W-DG-7.5 TO 8-DN-C7.5-VS-230724-L-LA	489058-039	Wipe	07/24/23
20	ARCH-C7W-EXT-8 TO 9-230724-L-WF	489058-041	Wipe	07/24/23
21	230724-L-FB2	489058-043	Wipe	07/24/23
22	230724-L-MEDBLANK1	489058-044	Wipe	07/24/23
23	230724-L-FB3	489058-046	Wipe	07/24/23
24	230724-L-MEDLBANK2	489058-047	Wipe	07/24/23
25				
26				
27				
28				

Notes:

Field Blank Outlier Report

Lab Reporting Batch ID: 489058 **Laboratory: Enthalpy Orange**

EDD Filename: Prep489058 **eQAPP Name:**

Method: **6010B**
Matrix: **WIPE**

Field Blank Sample ID	Collected Date	Analyte	Result	Associated Samples
230724-L-FB3(RES)	7/24/2023 7:32:00 AM	LEAD	3.6 ug/ft2	ARCH-C6W-DG-5.5 TO 6-UP-C6.4-HS-230724-L-LA ARCH-C6W-DG-6 TO 6.5-DN-C6.1-DG-230724-L-LA ARCH-C6W-DG-6 TO 6.5-UP-C6.3-VS-230724-L-LA ARCH-C6W-DG-7.5 TO 8-DN-C6.1-VS-230724-L-LA ARCH-C6W-DG-7.5 TO 8-DN-C6.7-DG-230724-L-LA ARCH-C6W-DG-7.5 TO 8-UP-C6W-HM-230724-L-LA ARCH-C6W-PS-5.5-230724-L-G ARCH-C6W-PS-6.5-230724-L-G ARCH-C7W-DG-5 TO 5.5-DN-C7.6-DG-230724-L-LA ARCH-C7W-DG-5.5 TO 6-DN-C7.1-VS-230724-L-LA ARCH-C7W-DG-6 TO 6.5-230724-L-DUP-FB ARCH-C7W-DG-6 TO 6.5-230724-L-FB ARCH-C7W-DG-6 TO 6.5-DN-C7.3-DG-230724-L-LA ARCH-C7W-DG-6 TO 6.5-UP-C7.5-VS-230724-L-LA ARCH-C7W-DG-7 TO 7.5-UP-C7.1-VS-230724-L-LA ARCH-C7W-DG-7.5 TO 8-DN-C7.5-VS-230724-L-LA ARCH-C7W-EXT-8 TO 9-230724-L-WF ARCH-C7W-INT-7.5 TO 9-230724-L-WF ARCH-C7W-PS-5.5-230724-L-G ARCH-C7W-PS-6.5-230724-L-G

The following samples and their listed target analytes were qualified due to contamination reported in this blank

Sample ID	Analyte	Reported Result	Modified Final Result
ARCH-C6W-PS-6.5-230724-L-G(RES)	LEAD	16 ug/ft2	16U ug/ft2

Project Name and Number: 20-10491 - Hangar 1 NTCRA

Field Duplicate RPD Report

Lab Reporting Batch ID: 489058 **Laboratory: Enthalpy Orange**

EDD Filename: Prep489058 **eQAPP Name:**

Method: 6010B
Matrix: WIPE

Analyte	*Concentration (ug/ft2)*		*Sample RPD*	*eQAPP RPD*	*Flag*
	ARCH-C7W-DG-6 TO 6.5-230724-L-FB (TOT)	ARCH-C7W-DG-6 TO 6.5-230724-L-DUP-FB			
LEAD	43	45	5	100.00	No Qualifiers Applied

Quality Control
Outlier Reports

489059

The line item for field blanks includes any blank samples collected in the field (i.e., field blank and/or media blank samples).

LDC #: 57398C3b

VALIDATION COMPLETENESS WORKSHEET

Stage 2A

Date: 10/05/2023

SDG #: 489059

Page: 1 of 2

Laboratory: Enthalpy Analytical, Orange, CA

Reviewer:

2nd Reviewer:

METHOD: GC Polychlorinated Biphenyls (EPA SW-846 Method 8082)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A / A	
II.	Initial calibration/ICV	N/N	
III.	Continuing calibration	N	
IV.	Laboratory Blanks	ND	
V.	Field blanks	ND	FB= 21, 22
VI.	Surrogate spikes	A	
VII.	Matrix spike/Matrix spike duplicates	N	
VIII.	Laboratory control samples	A	
IX.	Field duplicates	ND	FD= 7/6, 11/10
X.	Target analyte quantitation	N	
XI.	Target analyte identification	N	
XII.	Overall assessment of data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank; SB=Source blank; OTHER:

	Client ID	Lab ID	Matrix	Date
1	AFRAME-C7W-LAT-L3-UP-C7.6-HS-230724-P-LA	489059-001	Wipe	07/24/23
2	AFRAME-C6W-LAT-L3-INT-0 TO 1-230724-P-WF	489059-003	Wipe	07/24/23
3	AFRAME-C6W-MED-L3-DN-C6.2-DG-230724-P-LA	489059-005	Wipe	07/24/23
4	AFRAME-C7W-MED-L3-INT-0 TO 1-230724-P-WF	489059-007	Wipe	07/24/23
5	AFRAME-C7W-LAT-L3-DN-C7W-DG-230724-P-LA	489059-009	Wipe	07/24/23
6	AFRAME-C7W-MED-L3-DN-C7.5-DG-230724-P-LA	489059-011	Wipe	07/24/23
7	AFRAME-C7W-MED-L3-DN-C7.5-DG-230724-P-DUP-LA	489059-012	Wipe	07/24/23
8	AFRAME-C6W-MED-L2-EXT-0 TO 1-230724-P-WF	489059-014	Wipe	07/24/23
9	AFRAME-C6W-MED-L2-INT-0.5 TO 1-230724-P-FB	489059-016	Wipe	07/24/23
10	AFRAME-C6W-MED-L2-UP-C6.6-DG-230724-P-LA	489059-018	Wipe	07/24/23
11	AFRAME-C6W-MED-L2-UP-C6.6-DG-230724-P-DUP-LA	489059-019	Wipe	07/24/23
12	AFRAME-C7W-LAT-L2-INT-0.5 TO 1-230724-P-FB	489059-021	Wipe	07/24/23
13	AFRAME-C7W-LAT-L2-EXT-0 TO 1-230724-P-WF	489059-023	Wipe	07/24/23
14	AFRAME-C6W-LAT-L1-HS-3-230724-P-A	489059-026	Wipe	07/24/23
15	AFRAME-C6W-LAT-L1-UP-C6.1-VS-230724-P-I	489059-029	Wipe	07/24/23
16	AFRAME-C6W-MED-L1-UP-C6.1-DG-230724-P-SS	489059-031	Wipe	07/24/23
17	AFRAME-C6W-MED-L1-UP-C6.6-DG-230724-P-SS	489059-033	Wipe	07/24/23

LDC #: 57398C3b

SDG #: 489059

Laboratory: Enthalpy Analytical, Orange, CA

VALIDATION COMPLETENESS WORKSHEET

Stage 2A

Date: 10/05/2023

Reviewer: BM

2nd Reviewer:

METHOD: GC Polychlorinated Biphenyls (EPA SW-846 Method 8082)

	Client ID	Lab ID	Matrix	Date
18	AFRAME-C7W-LAT-L1-HS-3-230724-P-A	489059-036	Wipe	07/24/23
19	AFRAME-C7W-LAT-L1-UP-C7.7-VS-230724-P-I	489059-038	Wipe	07/24/23
20	AFRAME-C7W-MED-L1-UP-C7.6-DG-230724-P-SS	489059-040	Wipe	07/24/23
21	230724-P-FB1	489059-042	Wipe	07/24/23
22	230724-P-FB2	489059-045	Wipe	07/24/23
23				
24				
25				

Notes:

The line item for field blanks includes any blank samples collected in the field (i.e., field blank and/or media blank samples).

LDC #: 57398C4b **VALIDATION COMPLETENESS WORKSHEET** Date: 10/05/2023
SDG #: 489059 Stage 2A Page: 1 of 2
Laboratory: Enthalpy Analytical, Orange, CA Reviewer: BM
2nd Reviewer:

METHOD: Lead (EPA SW-846 Method 6010B)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A/A	
II.	Instrument Calibration	N	
III.	ICP Interference Check Sample (ICS) Analysis	N	
IV.	Laboratory Blanks	ND	
V.	Field Blanks	SW	FB=22, 23, 24, 25
VI.	Matrix Spike/Matrix Spike Duplicates	N	
VII.	Duplicate sample analysis	N	
VIII.	Serial Dilution	N	
IX.	Laboratory control samples	A	
X.	Field Duplicates	SW	
XI.	Target Analyte Quantitation	N	
XII.	Overall Assessment of Data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank; SB=Source blank; OTHER:

	Client ID	Lab ID	Matrix	Date
1	AFRAME-C7W-LAT-L3-UP-C7.6-HS-230724-L-LA	489059-002	Wipe	07/24/23
2	AFRAME-C6W-LAT-L3-INT-0 TO 1-230724-L-WF	489059-004	Wipe	07/24/23
3	AFRAME-C6W-MED-L3-DN-C6.2-DG-230724-L-LA	489059-006	Wipe	07/24/23
4	AFRAME-C7W-MED-L3-INT-0 TO 1-230724-L-WF	489059-008	Wipe	07/24/23
5	AFRAME-C7W-LAT-L3-DN-C7W-DG-230724-L-LA	489059-010	Wipe	07/24/23
6	AFRAME-C7W-MED-L3-DN-C7.5-DG-230724-L-LA	489059-013	Wipe	07/24/23
7	AFRAME-C6W-MED-L2-EXT-0 TO 1-230724-L-WF	489059-015	Wipe	07/24/23
8	AFRAME-C6W-MED-L2-INT-0.5 TO 1-230724-L-FB	489059-017	Wipe	07/24/23
9	AFRAME-C6W-MED-L2-UP-C6.6-DG-230724-L-LA	489059-020	Wipe	07/24/23
10	AFRAME-C7W-LAT-L2-INT-0.5 TO 1-230724-L-FB	489059-022	Wipe	07/24/23
11	AFRAME-C7W-LAT-L2-EXT-0 TO 1-230724-L-WF	489059-024	Wipe	07/24/23
12	AFRAME-C7W-LAT-L2-EXT-0 TO 1-230724-L-DUP-WF	489059-025	Wipe	07/24/23
13	AFRAME-CLAT-L1-HS-3-230724-L-A	489059-027	Wipe	07/24/23
14	AFRAME-C6W-LAT-L1-HS-3-230724-L-DUP-A	489059-028	Wipe	07/24/23
15	AFRAME-C6W-LAT-L1-UP-C6.1-VS-230724-L-I	489059-030	Wipe	07/24/23
16	AFRAME-C6W-MED-L1-UP-C6.1-DG-230724-L-SS	489059-032	Wipe	07/24/23
17	AFRAME-C6W-MED-L1-UP-C6.6-DG-230724-L-SS	489059-034	Wipe	07/24/23

LDC #: 57398C4b

SDG #: 489059

Laboratory: Enthalpy Analytical, Orange, CA

VALIDATION COMPLETENESS WORKSHEET

Stage 2A

Date: 10/05/2023

Reviewer: [illegible]

2nd Reviewer:

METHOD: Lead (EPA SW-846 Method 6010B)

	Client ID	Lab ID	Matrix	Date
18	AFRAME-C6W-MED-L1-UP-C6.6-DG-230724-L-DUP-SS	489059-035	Wipe	07/24/23
19	AFRAME-C7W-LLAT-L1-HS-3-230724-L-LA	489059-037	Wipe	07/24/23
20	AFRAME-C7W-LAT-L1-UP-C7.7-VS-230724-L-I	489059-039	Wipe	07/24/23
21	AFRAME-C7W-MED-L1-UP-C7.6-DG-230724-L-SS	489059-041	Wipe	07/24/23
22	230724-L-FB1	489059-043	Wipe	07/24/23
23	230724-L-MEDBLANK1	489059-044	Wipe	07/24/23
24	230724-L-FB2	489059-046	Wipe	07/24/23
25	230724-L-MEDBLANK2	489059-047	Wipe	07/24/23
26				
27				
28				

Notes:

Field Blank Contamination Report

Lab Reporting Batch ID: 489059

Laboratory: Enthalpy Orange

EDD Filename: Prep489059

Moffett_Hangar_1_NTCRA_Enthalpy_230403

Method: 6010B
Matrix: WIPE

Analyte	*Sample*	*Concentration (ug/ft2)*	*Flag*
LEAD	230724-L-FB1	2.4	No Qualifiers Applied
	230724-L-FB2	0.57	

Field Duplicate RPD Report

Lab Reporting Batch ID: 489059 **Laboratory: Enthalpy Orange**

EDD Filename: Prep489059 **eQAPP Name:**

Method: 6010B
Matrix: WIPE

Analyte	Concentration (ug/ft2)		Sample RPD	eQAPP RPD	Flag
	AFRAME-C6W-MED-L1-UP-C6.6-	AFRAME-C6W-MED-L1-UP-C6.6-			
LEAD	160	200	22	100.00	No Qualifiers Applied

Analyte	Concentration (ug/ft2)		Sample RPD	eQAPP RPD	Flag
	AFRAME-C7W-LAT-L2-EXT-0 TO 1-230724-	AFRAME-C7W-LAT-L2-EXT-0 TO 1-230724-L-			
LEAD	110	160	37	100.00	No Qualifiers Applied

Analyte	Concentration (ug/ft2)		Sample RPD	eQAPP RPD	Flag
	AFRAME-C6W-LAT-L1-HS-3-230724-L-A	AFRAME-C6W-LAT-L1-HS-3-230724-L-DUP-A			
LEAD	110	220	67	100.00	No Qualifiers Applied

Quality Control
Outlier Reports

489066

The line item for field blanks includes any blank samples collected in the field (i.e., field blank and/or media blank samples).

LDC #: 57398D3b
SDG #: 489066
Laboratory: Enthalpy Analytical, Orange, CA

VALIDATION COMPLETENESS WORKSHEET
Stage 2A

Date: 10/05/2023
Page: 1 of 2
Reviewer: BM
2nd Reviewer:

METHOD: GC Polychlorinated Biphenyls (EPA SW-846 Method 8082)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A / A	
II.	Initial calibration/ICV	N/N	
III.	Continuing calibration	N	
IV.	Laboratory Blanks	ND	
V.	Field blanks	ND	FB=22
VI.	Surrogate spikes	A	
VII.	Matrix spike/Matrix spike duplicates	N	
VIII.	Laboratory control samples	A	
IX.	Field duplicates	ND	FD= 9/8
X.	Target analyte quantitation	N	
XI.	Target analyte identification	N	
XII.	Overall assessment of data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank; SB=Source blank; OTHER:

	Client ID	Lab ID	Matrix	Date
1	AFRAME-C7W-MED-L2-HS-1-230725-P-G	489066-001	Wipe	07/25/23
2	AFRAME-C7W-LAT-L2-UP-C7.1-VS-230725-P-I	489066-003	Wipe	07/25/23
3	AFRAME-C7W-MED-L2-UP-C7.2-DG-230725-P-LA	489066-005	Wipe	07/25/23
4	AFRAME-C6W-LAT-L2-INT-0 TO 0.5-230725-P-FB	489066-007	Wipe	07/25/23
5	AFRAME-C6W-LAT-L2-DN-C6.1-DG-230725-P-LA	489066-009	Wipe	07/25/23
6	AFRAME-C7W-MED-L2-INT-0 TO 0.5-230725-P-FB	489066-011	Wipe	07/25/23
7	AFRAME-C7W-MED-L2-EXT-0 TO 1-230725-P-WF	489066-013	Wipe	07/25/23
8	AFRAME-C7W-MED-L2-DN-C7.5-VS-230725-P-LA	489066-015	Wipe	07/25/23
9	AFRAME-C7W-MED-L2-DN-C7.5-VS-230725-P-DUP-LA	489066-016	Wipe	07/25/23
10	AFRAME-C6W-MED-L1-HS-3-230725-P-G	489066-018	Wipe	07/25/23
11	AFRAME-C6W-MED-L1-HS-3-230725-P-A	489066-020	Wipe	07/25/23
12	AFRAME-C6W-LAT-L1-EXT-1 TO 2-230725-P-WF	489066-022	Wipe	07/25/23
13	AFRAME-C6W-MED-L1-INT-1 TO 2-230725-P-FB	489066-024	Wipe	07/25/23
14	AFRAME-C6W-LAT-L1-UP-C6.7-HS-230725-P-LA	489066-026	Wipe	07/25/23
15	AFRAME-C7W-LAT-L1-INT-1 TO 2-230725-P-FB	489066-028	Wipe	07/25/23
16	AFRAME-C7W-LAT-L1-UP-C7W-HS-230725-P-LA	489066-030	Wipe	07/25/23
17	AFRAME-C6W-MED-L1-EXT-0 TO 1-230725-P-WF	489066-032	Wipe	07/25/23

LDC #: 57398D3b

VALIDATION COMPLETENESS WORKSHEET

Stage 2A

Date: 10/05/2023

SDG #: 489066

Page: 2 of 2

Laboratory: Enthalpy Analytical, Orange, CA

Reviewer: BM

2nd Reviewer:

METHOD: GC Polychlorinated Biphenyls (EPA SW-846 Method 8082)

	Client ID	Lab ID	Matrix	Date
18	AFRAME-C6W-MED-L1-DN-C6.7W-DG-230725-P-SS	489066-034	Wipe	07/25/23
19	AFRAME-C7W-MED-L1-INT-0 TO 1-230725-P-FB	489066-036	Wipe	07/25/23
20	AFRAME-C7W-LAT-L1-EXT-0 TO 1-230725-P-WF	489066-038	Wipe	07/25/23
21	AFRAME-C7W-MED-L1-DN-C7W-DG-230725-P-SS	489066-040	Wipe	07/25/23
22	230725-P-FB3	489066-042	Wipe	07/25/23
23				
24				
25				

Notes:

The line item for field blanks includes any blank samples collected in the field (i.e., field blank and/or media blank samples).

LDC #: 57398D4b
SDG #: 489066
Laboratory: Enthalpy Analytical, Orange, CA

VALIDATION COMPLETENESS WORKSHEET
Stage 2A

Date: 10/05/2023
Page: 1 of 2
Reviewer: MBr
2nd Reviewer: _____

METHOD: Lead (EPA SW-846 Method 6010B)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A / A	
II.	Instrument Calibration	N	
III.	ICP Interference Check Sample (ICS) Analysis	N	
IV.	Laboratory Blanks	ND	
V.	Field Blanks	SW	FB = 21, 22
VI.	Matrix Spike/Matrix Spike Duplicates	N	
VII.	Duplicate sample analysis	N	
VIII.	Serial Dilution	N	
IX.	Laboratory control samples	A	
X.	Field Duplicates	N	
XI.	Target Analyte Quantitation	N	
XII	Overall Assessment of Data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank; SB=Source blank; OTHER:

	Client ID	Lab ID	Matrix	Date
1	AFRAME-C7W-MED-L2-HS-1-230725-L-G	489066-002	Wipe	07/25/23
2	AFRAME-C7W-LAT-L2-UP-C7.1-VS-230725-L-I	489066-004	Wipe	07/25/23
3	AFRAME-C7W-MED-L2-UP-C7.2-DG-230725-L-LA	489066-006	Wipe	07/25/23
4	AFRAME-C6W-LAT-L2-INT-0 TO 0.5-230725-L-FB	489066-008	Wipe	07/25/23
5	AFRAME-C6W-LAT-L2-DN-C6.1-DG-230725-L-LA	489066-010	Wipe	07/25/23
6	AFRAME-C7W-MED-L2-INT-0 TO 0.5-230725-L-FB	489066-012	Wipe	07/25/23
7	AFRAME-C7W-MED-L2-EXT-0 TO 1-230725-L-WF	489066-014	Wipe	07/25/23
8	AFRAME-C7W-MED-L2-DN-C7.5-VS-2130725-L-LA	489066-017	Wipe	07/25/23
9	AFRAME-C6W-MED-L1-HS-3-230725-L-G	489066-019	Wipe	07/25/23
10	AFRAME-C6W-MED-L1-HS-3-230725-L-A	489066-021	Wipe	07/25/23
11	AFRAME-C6W-LAT-L1-EXT-1 TO 2-230725-L-WF	489066-023	Wipe	07/25/23
12	AFRAME-C6W-MED-L1-INT-1 TO 2-230725-L-FB	489066-025	Wipe	07/25/23
13	AFRAME-C6W-LAT-L1-UP-C6.7-HS-230725-L-LA	489066-027	Wipe	07/25/23
14	AFRAME-C7W-LAT-L1-INT-1 TO 2-230725-L-FB	489066-029	Wipe	07/25/23
15	AFRAME-C7W-LAT-L1-UP-C7W-HS-230725-L-LA	489066-031	Wipe	07/25/23
16	AFRAME-C6W-MED-L1-EXT-0 TO 1-230725-L-WF	489066-033	Wipe	07/25/23
17	AFRAME-C6W-MED-L1-DN-C6.7W-DG-230725-L-SS	489066-035	Wipe	07/25/23

LDC #: 57398D4b

SDG #: 489066

Laboratory: Enthalpy Analytical, Orange, CA

VALIDATION COMPLETENESS WORKSHEET

Stage 2A

Date: 10/05/2023

Page: 2 of 2

Reviewer: BM

2nd Reviewer:

METHOD: Lead (EPA SW-846 Method 6010B)

	Client ID	Lab ID	Matrix	Date
18	AFRAME-C7W-MED-L1-INT-0 TO 1-230725-L-FB	489066-037	Wipe	07/25/23
19	AFRAME-C7W-LAT-L1-EXT-0 TO 1-230725-L-WF	489066-039	Wipe	07/25/23
20	AFRAME-C7W-MED-L1-DN-C7W-DG-230725-L-SS	489066-041	Wipe	07/25/23
21	230725-L-FB3	489066-043	Wipe	07/25/23
22	230725-L-MEDBLANK3	489066-044	Wipe	07/25/23
23				
24				
25				

Notes:

Field Blank Contamination Report

Lab Reporting Batch ID: 489066

Laboratory: Enthalpy Orange

EDD Filename: Prep489066

Moffett_Hangar_1_NTCRA_Enthalpy_230403

Method: 6010B
Matrix: WIPE

Analyte	*Sample*	*Concentration (ug/ft2)*	*Flag*
LEAD	230724-L-FB3	1.5	No Qualifiers Applied
	230724-L-MEDBLANK3	0.57	

Quality Control
Outlier Reports

489153

SDG# 489153 does not contain samples collected in the high occupancy area of Zone 4.

The line item for field blanks includes any blank samples collected in the field (i.e., field blank and/or media blank samples).

LDC #: 57398E3b
SDG #: 489153
Laboratory: Enthalpy Analytical, Orange, CA

VALIDATION COMPLETENESS WORKSHEET
Stage 2A

Date: 10/05/2023
Page: 1 of 1
Reviewer: BM
2nd Reviewer:

METHOD: GC Polychlorinated Biphenyls (EPA SW-846 Method 8082)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A/A	
II.	Initial calibration/ICV	N/N	
III.	Continuing calibration	N	
IV.	Laboratory Blanks	ND	
V.	Field blanks	N	
VI.	Surrogate spikes	A	
VII.	Matrix spike/Matrix spike duplicates	N	
VIII.	Laboratory control samples	A	
IX.	Field duplicates	N	
X.	Target analyte quantitation	N	
XI.	Target analyte identification	N	
XII	Overall assessment of data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank; SB=Source blank; OTHER:

	Client ID	Lab ID	Matrix	Date
1	ARCH-C6W-EXT-7 TO 8-230725-P-WF	489153-001	Wipe	07/25/23
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				

Notes:

The line item for field blanks includes any blank samples collected in the field (i.e., field blank and/or media blank samples).

LDC #: 57398E4b

SDG #: 489153

Laboratory: Enthalpy Analytical, Orange, CA

VALIDATION COMPLETENESS WORKSHEET

Stage 2A

Date: 10/05/2023

Page: 1 of 1

Reviewer: BM

2nd Reviewer:

METHOD: Lead (EPA SW-846 Method 6010B)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A / A	
II.	Instrument Calibration	N	
III.	ICP Interference Check Sample (ICS) Analysis	N	
IV.	Laboratory Blanks	ND	
V.	Field Blanks	N	
VI.	Matrix Spike/Matrix Spike Duplicates	N	
VII.	Duplicate sample analysis	N	
VIII.	Serial Dilution	N	
IX.	Laboratory control samples	A	
X.	Field Duplicates	SW	FD= 2/1
XI.	Target Analyte Quantitation	N	
XII.	Overall Assessment of Data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank; SB=Source blank; OTHER:

	Client ID	Lab ID	Matrix	Date
1	ARCH-C6W-EXT-7 TO 8-230725-L-WF	489153-002	Wipe	07/25/23
2	ARCH-C6W-EXT-7 TO 8-230725-L-DUP-WF	489153-003	Wipe	07/25/23
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

Notes:

Field Duplicate RPD Report

Lab Reporting Batch ID: 489153 **Laboratory: Enthalpy Orange**

EDD Filename: Prep489153 **eQAPP Name:**

Method: 6010B
Matrix: WIPE

Analyte	*Concentration (ug/ft2)*		*Sample RPD*	*eQAPP RPD*	*Flag*
	ARCH-C6W-EXT-7 TO 8-230725-L-WF (TOT)	**ARCH-C6W-EXT-7 TO 8-230725-L-DUP-WF**			
LEAD	3.7	6.0	47	100.00	No Qualifiers Applied

Quality Control
Outlier Reports

489258

(No Outliers)

The line item for field blanks includes any blank samples collected in the field (i.e., field blank and/or media blank samples).

LDC #: 57398F4b

VALIDATION COMPLETENESS WORKSHEET

Stage 2A

Date: 10/05/2023

SDG #: 489258

Page: 1 of 1

Laboratory: Enthalpy Analytical, Orange, CA

Reviewer: BM

2nd Reviewer:

METHOD: Lead (EPA SW-846 Method 6010B)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Sample receipt/Technical holding times	A / A	
II.	Instrument Calibration	N	
III.	ICP Interference Check Sample (ICS) Analysis	N	
IV.	Laboratory Blanks	ND	
V.	Field Blanks	N	
VI.	Matrix Spike/Matrix Spike Duplicates	N	
VII.	Duplicate sample analysis	N	
VIII.	Serial Dilution	N	
IX.	Laboratory control samples	A	
X.	Field Duplicates	N	
XI.	Target Analyte Quantitation	N	
XII	Overall Assessment of Data	A	

Note: A = Acceptable; N = Not provided/applicable; SW = See worksheet; ND = No compounds detected; R = Rinsate; FB = Field blank; D = Duplicate; TB = Trip blank; EB = Equipment blank; SB=Source blank; OTHER:

	Client ID	Lab ID	Matrix	Date
1	AFRAME-C6W-MED-L1-UP-C6.1-DG-230727-L-SS	489258-001	Wipe	07/27/23
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

Notes: