

## Cover Page

**Order ID :** Q1901

**Project ID :** Amtrak Sawtooth Bridges 2025

**Client :** Portal Partners Tri-Venture

**Lab Sample Number**

Q1901-01  
Q1901-02  
Q1901-03  
Q1901-04  
Q1901-05  
Q1901-06  
Q1901-07  
Q1901-08  
Q1901-09  
Q1901-10  
Q1901-11

**Client Sample Number**

B-170-SB00  
B-167-SB01  
B-170-SB01  
B-167-SB02  
B-170-SB02  
FB04262025  
TB04262025  
B-167-SB01  
B-170-SB01  
B-167-SB02  
B-170-SB02

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : \_\_\_\_\_

Date: 5/9/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

## **CASE NARRATIVE**

### **Portal Partners Tri-Venture**

**Project Name: Amtrak Sawtooth Bridges 2025**

**Project # N/A**

**Order ID # Q1901**

**Test Name: PCB**

### **A. Number of Samples and Date of Receipt:**

9 Solid samples were received on 04/28/2025.

2 Water samples were received on 04/28/2025.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: Corrosivity, EPH, EPH, Flash Point, Hexavalent Chromium, Ignitability, Mercury, Metals ICP-TAL, METALS-TAL, PCB, pH, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, SVOC-TCL BNA -20, TCLP BNA, TCLP Extraction, TCLP FULL, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP Pesticide, TCLP VOA, TCLP ZHE Extraction, TCLP-FULL, TPH GC, Trivalent Chromium, VOC-TCLVOA-10 and VOC-TCLVOA-10. This data package contains results for PCB.

### **C. Analytical Techniques:**

The analyses were performed on instrument GCECD\_P. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11. The analyses were performed on instrument GCECD\_O. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11. The analysis of PCBs was based on method 8082A and extraction was done based on method 3510.

### **D. QA/ QC Samples:**

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds .

The MSD recoveries met the acceptable requirements .

The RPD met criteria .

The Blank Spike met requirements for all samples .

The Blank Spike Duplicate met requirements for all samples .

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements .

The Continuous Calibration met the requirements .



284 Sheffield Street, Mountainside, NJ 07092  
Phone: 908 789 8900 Fax: 908 789 8922

**E. Additional Comments:**

The soil samples results are based on a dry weight basis.

**F. Manual Integration Comments:**

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

---

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature\_\_\_\_\_

## DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “Results Qualifiers” are used:

|       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Value | If the result is a value greater than or equal to the detection limit, report the value                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| U     | Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. “10 U”. This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.                                                                                                                                                                                                                                 |
| ND    | Indicates the analyte was analyzed for, but not detected                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| J     | Indicates an estimated value. This flag is used:<br>(1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.)<br>(2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others. |
| B     | Indicates the analyte was found in the blank as well as the sample report as “12 B”.                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| E     | Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.                                                                                                                                                                                                                                                                                                                                                                                                                         |
| D     | This flag identifies all compounds identified in an analysis at a secondary dilution factor.                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| P     | This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.                                                                                                                                                                                                                                                                                                                        |
| N     | This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.                                                                                                                                                                                                                  |
| A     | This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Q     | Indicates the LCS did not meet the control limits requirements                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |



## APPENDIX A

### QA REVIEW GENERAL DOCUMENTATION

Project #: Q1901

Completed

For thorough review, the report must have the following:

#### GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

#### COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

#### CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

#### ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: NILESH PRAJAPATI

Date: 05/09/2025

## LAB CHRONICLE

|                 |                             |                   |                              |
|-----------------|-----------------------------|-------------------|------------------------------|
| <b>OrderID:</b> | Q1901                       | <b>OrderDate:</b> | 4/28/2025 10:24:00 AM        |
| <b>Client:</b>  | Portal Partners Tri-Venture | <b>Project:</b>   | Amtrak Sawtooth Bridges 2025 |
| <b>Contact:</b> | Joseph Krupansky            | <b>Location:</b>  | L51,VOA Ref. #2 Soil         |

| LabID           | ClientID          | Matrix       | Test           | Method | Sample Date     | Prep Date | Anal Date | Received        |
|-----------------|-------------------|--------------|----------------|--------|-----------------|-----------|-----------|-----------------|
| <b>Q1901-02</b> | <b>B-167-SB01</b> | <b>SOIL</b>  |                |        | <b>04/26/25</b> |           |           | <b>04/28/25</b> |
|                 |                   |              | PCB            | 8082A  |                 | 04/29/25  | 04/29/25  |                 |
|                 |                   |              | TPH GC         | 8015D  |                 | 04/29/25  | 04/29/25  |                 |
| <b>Q1901-03</b> | <b>B-170-SB01</b> | <b>SOIL</b>  |                |        | <b>04/26/25</b> |           |           | <b>04/28/25</b> |
|                 |                   |              | PCB            | 8082A  |                 | 04/30/25  | 04/30/25  |                 |
|                 |                   |              | TPH GC         | 8015D  |                 | 04/29/25  | 04/29/25  |                 |
| <b>Q1901-04</b> | <b>B-167-SB02</b> | <b>SOIL</b>  |                |        | <b>04/26/25</b> |           |           | <b>04/28/25</b> |
|                 |                   |              | PCB            | 8082A  |                 | 04/29/25  | 04/29/25  |                 |
|                 |                   |              | TPH GC         | 8015D  |                 | 04/29/25  | 04/29/25  |                 |
| <b>Q1901-05</b> | <b>B-170-SB02</b> | <b>SOIL</b>  |                |        | <b>04/26/25</b> |           |           | <b>04/28/25</b> |
|                 |                   |              | PCB            | 8082A  |                 | 04/29/25  | 04/29/25  |                 |
|                 |                   |              | TPH GC         | 8015D  |                 | 04/29/25  | 04/29/25  |                 |
| <b>Q1901-06</b> | <b>FB04262025</b> | <b>WATER</b> |                |        | <b>04/26/25</b> |           |           | <b>04/28/25</b> |
|                 |                   |              | PCB            | 8082A  |                 | 04/29/25  | 04/29/25  |                 |
| <b>Q1901-08</b> | <b>B-167-SB01</b> | <b>TCLP</b>  |                |        | <b>04/26/25</b> |           |           | <b>04/28/25</b> |
|                 |                   |              | TCLP Herbicide | 8151A  |                 | 05/05/25  | 05/06/25  |                 |
|                 |                   |              | TCLP Pesticide | 8081B  |                 | 05/01/25  | 05/01/25  |                 |
| <b>Q1901-09</b> | <b>B-170-SB01</b> | <b>TCLP</b>  |                |        | <b>04/26/25</b> |           |           | <b>04/28/25</b> |
|                 |                   |              | TCLP Herbicide | 8151A  |                 | 05/05/25  | 05/06/25  |                 |
|                 |                   |              | TCLP Pesticide | 8081B  |                 | 05/01/25  | 05/01/25  |                 |
| <b>Q1901-10</b> | <b>B-167-SB02</b> | <b>TCLP</b>  |                |        | <b>04/26/25</b> |           |           | <b>04/28/25</b> |
|                 |                   |              | TCLP Herbicide | 8151A  |                 | 05/05/25  | 05/06/25  |                 |
|                 |                   |              | TCLP Pesticide | 8081B  |                 | 05/01/25  | 05/01/25  |                 |
| <b>Q1901-11</b> | <b>B-170-SB02</b> | <b>TCLP</b>  |                |        | <b>04/26/25</b> |           |           | <b>04/28/25</b> |
|                 |                   |              | TCLP Herbicide | 8151A  |                 | 05/05/25  | 05/06/25  |                 |

**LAB CHRONICLE**

TCLP Pesticide

8081B

05/01/25

05/01/25

---



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
Fax : 908 789 8922

**Hit Summary Sheet**  
**SW-846**

**SDG No.:** Q1901

**Order ID:** Q1901

**Client:** Portal Partners Tri-Venture

**Project ID:** Amtrak Sawtooth Bridges 2025

---

| Sample ID | Client ID | Matrix | Parameter | Concentration | C | MDL | RDL | Units |
|-----------|-----------|--------|-----------|---------------|---|-----|-----|-------|
|-----------|-----------|--------|-----------|---------------|---|-----|-----|-------|

Client ID :

**Total Concentration: 0.000**



# QC SUMMARY

### Surrogate Summary

SDG No.: Q1901

Client: Portal Partners Tri-Venture

Analytical Method: 8082A

| Lab Sample ID    | Client ID        | Parameter            | Column | Spike | Result | Rec | Qual | Limits  |           |
|------------------|------------------|----------------------|--------|-------|--------|-----|------|---------|-----------|
|                  |                  |                      |        |       |        |     |      | Low     | High      |
| I.BLK-PO110348.D | PIBLK-PO110348.D | Tetrachloro-m-xylene | 1      | 20    | 18.1   | 91  |      | 70 (60) | 130 (140) |
|                  |                  | Decachlorobiphenyl   | 1      | 20    | 19.2   | 96  |      | 70 (60) | 130 (140) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 18.2   | 91  |      | 70 (60) | 130 (140) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 20.2   | 101 |      | 70 (60) | 130 (140) |
| I.BLK-PO110850.D | PIBLK-PO110850.D | Tetrachloro-m-xylene | 1      | 20    | 18.0   | 90  |      | 70 (60) | 130 (140) |
|                  |                  | Decachlorobiphenyl   | 1      | 20    | 16.9   | 85  |      | 70 (60) | 130 (140) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 16.6   | 83  |      | 70 (60) | 130 (140) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 16.7   | 84  |      | 70 (60) | 130 (140) |
| Q1901-05         | B-170-SB02       | Tetrachloro-m-xylene | 1      | 20    | 24.6   | 123 |      | 30 (32) | 150 (144) |
|                  |                  | Decachlorobiphenyl   | 1      | 20    | 20.9   | 104 |      | 30 (32) | 150 (175) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 22.3   | 111 |      | 30 (32) | 150 (144) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 21.0   | 105 |      | 30 (32) | 150 (175) |
| I.BLK-PO110865.D | PIBLK-PO110865.D | Tetrachloro-m-xylene | 1      | 20    | 18.4   | 92  |      | 70 (60) | 130 (140) |
|                  |                  | Decachlorobiphenyl   | 1      | 20    | 17.5   | 88  |      | 70 (60) | 130 (140) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 16.9   | 84  |      | 70 (60) | 130 (140) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 16.9   | 85  |      | 70 (60) | 130 (140) |
| Q1904-01MS       | VNJ-210MS        | Tetrachloro-m-xylene | 1      | 20    | 23.3   | 117 |      | 30 (32) | 150 (144) |
|                  |                  | Decachlorobiphenyl   | 1      | 20    | 19.1   | 96  |      | 30 (32) | 150 (175) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 21.3   | 106 |      | 30 (32) | 150 (144) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 19.1   | 95  |      | 30 (32) | 150 (175) |
| Q1904-01MSD      | VNJ-210MSD       | Tetrachloro-m-xylene | 1      | 20    | 22.9   | 114 |      | 30 (32) | 150 (144) |
|                  |                  | Decachlorobiphenyl   | 1      | 20    | 19.0   | 95  |      | 30 (32) | 150 (175) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 20.8   | 104 |      | 30 (32) | 150 (144) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 18.7   | 93  |      | 30 (32) | 150 (175) |
| Q1901-06         | FB04262025       | Tetrachloro-m-xylene | 1      | 20    | 24.2   | 121 |      | 30 (16) | 150 (158) |
|                  |                  | Decachlorobiphenyl   | 1      | 20    | 16.2   | 81  |      | 30 (10) | 150 (173) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 21.3   | 106 |      | 30 (16) | 150 (158) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 17.2   | 86  |      | 30 (10) | 150 (173) |
| I.BLK-PO110880.D | PIBLK-PO110880.D | Tetrachloro-m-xylene | 1      | 20    | 18.4   | 92  |      | 70 (60) | 130 (140) |
|                  |                  | Decachlorobiphenyl   | 1      | 20    | 16.6   | 83  |      | 70 (60) | 130 (140) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 17.0   | 85  |      | 70 (60) | 130 (140) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 16.7   | 83  |      | 70 (60) | 130 (140) |
| I.BLK-PP071388.D | PIBLK-PP071388.D | Tetrachloro-m-xylene | 1      | 20    | 17.1   | 85  |      | 70 (60) | 130 (140) |
|                  |                  | Decachlorobiphenyl   | 1      | 20    | 17.6   | 88  |      | 70 (60) | 130 (140) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 17.2   | 86  |      | 70 (60) | 130 (140) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 17.6   | 88  |      | 70 (60) | 130 (140) |
| I.BLK-PP071603.D | PIBLK-PP071603.D | Tetrachloro-m-xylene | 1      | 20    | 15.9   | 79  |      | 70 (60) | 130 (140) |
|                  |                  | Decachlorobiphenyl   | 1      | 20    | 17.3   | 86  |      | 70 (60) | 130 (140) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 18.3   | 91  |      | 70 (60) | 130 (140) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 18.6   | 93  |      | 70 (60) | 130 (140) |
| PB167776BL       | PB167776BL       | Tetrachloro-m-xylene | 1      | 20    | 18.7   | 94  |      | 30 (32) | 150 (144) |

() = LABORATORY INHOUSE LIMIT

### Surrogate Summary

SDG No.: Q1901

Client: Portal Partners Tri-Venture

Analytical Method: 8082A

| Lab Sample ID    | Client ID        | Parameter            | Column | Spike | Result | Rec | Qual | Limits  |           |
|------------------|------------------|----------------------|--------|-------|--------|-----|------|---------|-----------|
|                  |                  |                      |        |       |        |     |      | Low     | High      |
| PB167776BL       | PB167776BL       | Decachlorobiphenyl   | 1      | 20    | 19.5   | 97  |      | 30 (32) | 150 (175) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 19.9   | 100 |      | 30 (32) | 150 (144) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 21.1   | 105 |      | 30 (32) | 150 (175) |
| PB167776BS       | PB167776BS       | Tetrachloro-m-xylene | 1      | 20    | 19.5   | 97  |      | 30 (32) | 150 (144) |
|                  |                  | Decachlorobiphenyl   | 1      | 20    | 20.9   | 105 |      | 30 (32) | 150 (175) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 20.7   | 103 |      | 30 (32) | 150 (144) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 21.3   | 106 |      | 30 (32) | 150 (175) |
| I.BLK-PP071618.D | PIBLK-PP071618.D | Tetrachloro-m-xylene | 1      | 20    | 16.0   | 80  |      | 70 (60) | 130 (140) |
|                  |                  | Decachlorobiphenyl   | 1      | 20    | 18.0   | 90  |      | 70 (60) | 130 (140) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 17.3   | 86  |      | 70 (60) | 130 (140) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 19.3   | 96  |      | 70 (60) | 130 (140) |
| Q1901-02         | B-167-SB01       | Tetrachloro-m-xylene | 1      | 20    | 21.1   | 106 |      | 30 (32) | 150 (144) |
|                  |                  | Decachlorobiphenyl   | 1      | 20    | 20.4   | 102 |      | 30 (32) | 150 (175) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 23.3   | 117 |      | 30 (32) | 150 (144) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 21.4   | 107 |      | 30 (32) | 150 (175) |
| Q1901-04         | B-167-SB02       | Tetrachloro-m-xylene | 1      | 20    | 17.7   | 89  |      | 30 (32) | 150 (144) |
|                  |                  | Decachlorobiphenyl   | 1      | 20    | 12.3   | 62  |      | 30 (32) | 150 (175) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 20.1   | 100 |      | 30 (32) | 150 (144) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 13.5   | 67  |      | 30 (32) | 150 (175) |
| PB167782BL       | PB167782BL       | Tetrachloro-m-xylene | 1      | 20    | 18.4   | 92  |      | 30 (16) | 150 (158) |
|                  |                  | Decachlorobiphenyl   | 1      | 20    | 20.1   | 100 |      | 30 (10) | 150 (173) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 20.5   | 103 |      | 30 (16) | 150 (158) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 20.3   | 102 |      | 30 (10) | 150 (173) |
| PB167782BS       | PB167782BS       | Tetrachloro-m-xylene | 1      | 20    | 18.7   | 93  |      | 30 (16) | 150 (158) |
|                  |                  | Decachlorobiphenyl   | 1      | 20    | 19.8   | 99  |      | 30 (10) | 150 (173) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 18.5   | 92  |      | 30 (16) | 150 (158) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 20.6   | 103 |      | 30 (10) | 150 (173) |
| PB167782BSD      | PB167782BSD      | Tetrachloro-m-xylene | 1      | 20    | 18.9   | 95  |      | 30 (16) | 150 (158) |
|                  |                  | Decachlorobiphenyl   | 1      | 20    | 19.9   | 100 |      | 30 (10) | 150 (173) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 19.1   | 95  |      | 30 (16) | 150 (158) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 21.3   | 107 |      | 30 (10) | 150 (173) |
| I.BLK-PP071633.D | PIBLK-PP071633.D | Tetrachloro-m-xylene | 1      | 20    | 16.8   | 84  |      | 70 (60) | 130 (140) |
|                  |                  | Decachlorobiphenyl   | 1      | 20    | 18.0   | 90  |      | 70 (60) | 130 (140) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 18.2   | 91  |      | 70 (60) | 130 (140) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 19.2   | 96  |      | 70 (60) | 130 (140) |
| I.BLK-PP071639.D | PIBLK-PP071639.D | Tetrachloro-m-xylene | 1      | 20    | 16.2   | 81  |      | 70 (60) | 130 (140) |
|                  |                  | Decachlorobiphenyl   | 1      | 20    | 17.4   | 87  |      | 70 (60) | 130 (140) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 16.4   | 82  |      | 70 (60) | 130 (140) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 17.6   | 88  |      | 70 (60) | 130 (140) |
| PB167794BL       | PB167794BL       | Tetrachloro-m-xylene | 1      | 20    | 19.2   | 96  |      | 30 (32) | 150 (144) |
|                  |                  | Decachlorobiphenyl   | 1      | 20    | 20.5   | 102 |      | 30 (32) | 150 (175) |

() = LABORATORY INHOUSE LIMIT

### Surrogate Summary

SDG No.: Q1901

Client: Portal Partners Tri-Venture

Analytical Method: 8082A

| Lab Sample ID    | Client ID         | Parameter            | Column | Spike | Result | Rec | Qual | Limits  |           |
|------------------|-------------------|----------------------|--------|-------|--------|-----|------|---------|-----------|
|                  |                   |                      |        |       |        |     |      | Low     | High      |
| PB167794BL       | PB167794BL        | Tetrachloro-m-xylene | 2      | 20    | 20.2   | 101 |      | 30 (32) | 150 (144) |
|                  |                   | Decachlorobiphenyl   | 2      | 20    | 21.3   | 106 |      | 30 (32) | 150 (175) |
| PB167794BS       | PB167794BS        | Tetrachloro-m-xylene | 1      | 20    | 19.5   | 98  |      | 30 (32) | 150 (144) |
|                  |                   | Decachlorobiphenyl   | 1      | 20    | 20.3   | 101 |      | 30 (32) | 150 (175) |
|                  |                   | Tetrachloro-m-xylene | 2      | 20    | 18.6   | 93  |      | 30 (32) | 150 (144) |
|                  |                   | Decachlorobiphenyl   | 2      | 20    | 20.8   | 104 |      | 30 (32) | 150 (175) |
| Q1901-03         | B-170-SB01        | Tetrachloro-m-xylene | 1      | 20    | 17.6   | 88  |      | 30 (32) | 150 (144) |
|                  |                   | Decachlorobiphenyl   | 1      | 20    | 15.6   | 78  |      | 30 (32) | 150 (175) |
|                  |                   | Tetrachloro-m-xylene | 2      | 20    | 20.3   | 102 |      | 30 (32) | 150 (144) |
|                  |                   | Decachlorobiphenyl   | 2      | 20    | 17.6   | 88  |      | 30 (32) | 150 (175) |
| Q1910-01MS       | MOO-25-0123-27MS  | Tetrachloro-m-xylene | 1      | 20    | 18.4   | 92  |      | 30 (32) | 150 (144) |
|                  |                   | Decachlorobiphenyl   | 1      | 20    | 16.9   | 85  |      | 30 (32) | 150 (175) |
|                  |                   | Tetrachloro-m-xylene | 2      | 20    | 18.1   | 91  |      | 30 (32) | 150 (144) |
|                  |                   | Decachlorobiphenyl   | 2      | 20    | 17.3   | 86  |      | 30 (32) | 150 (175) |
| Q1910-01MSD      | MOO-25-0123-27MSD | Tetrachloro-m-xylene | 1      | 20    | 17.9   | 90  |      | 30 (32) | 150 (144) |
|                  |                   | Decachlorobiphenyl   | 1      | 20    | 19.1   | 96  |      | 30 (32) | 150 (175) |
|                  |                   | Tetrachloro-m-xylene | 2      | 20    | 18.5   | 93  |      | 30 (32) | 150 (144) |
|                  |                   | Decachlorobiphenyl   | 2      | 20    | 19.5   | 98  |      | 30 (32) | 150 (175) |
| I.BLK-PP071654.D | PIBLK-PP071654.D  | Tetrachloro-m-xylene | 1      | 20    | 15.9   | 80  |      | 70 (60) | 130 (140) |
|                  |                   | Decachlorobiphenyl   | 1      | 20    | 17.1   | 85  |      | 70 (60) | 130 (140) |
|                  |                   | Tetrachloro-m-xylene | 2      | 20    | 16.7   | 83  |      | 70 (60) | 130 (140) |
|                  |                   | Decachlorobiphenyl   | 2      | 20    | 18.4   | 92  |      | 70 (60) | 130 (140) |



### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1901

Client: Portal Partners Tri-Venture

Analytical Method: 8082A

DataFile : PO110867.D

| Lab Sample ID:    | Parameter | Spike | Sample<br>Result | Result | Units | Rec | Rec<br>Qual | RPD | RPD<br>Qual | Low     | Limits<br>High | RPD |
|-------------------|-----------|-------|------------------|--------|-------|-----|-------------|-----|-------------|---------|----------------|-----|
| Client Sample ID: | VNJ-210MS |       |                  |        |       |     |             |     |             |         |                |     |
| Q1904-01MS        | AR1016    | 183.8 | 0                | 201    | ug/kg | 109 |             |     |             | 40 (55) | 140 (146)      |     |
|                   | AR1260    | 183.8 | 0                | 187    | ug/kg | 102 |             |     |             | 40 (31) | 140 (146)      |     |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1901

Client: Portal Partners Tri-Venture

Analytical Method: 8082A

DataFile : PO110868.D

| Lab Sample ID:    | Parameter  | Spike | Sample<br>Result | Result | Units | Rec | Rec<br>Qual | RPD | RPD<br>Qual | Low     | Limits<br>High | RPD     |
|-------------------|------------|-------|------------------|--------|-------|-----|-------------|-----|-------------|---------|----------------|---------|
| Client Sample ID: | VNJ-210MSD |       |                  |        |       |     |             |     |             |         |                |         |
| Q1904-01MSD       | AR1016     | 183.7 | 0                | 199    | ug/kg | 108 |             | 1   |             | 40 (55) | 140 (146)      | 30 (20) |
|                   | AR1260     | 183.7 | 0                | 183    | ug/kg | 100 |             | 2   |             | 40 (31) | 140 (146)      | 30 (20) |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1901

Client: Portal Partners Tri-Venture

Analytical Method: 8082A

DataFile : PP071648.D

| Lab Sample ID:    | Parameter        | Spike | Sample<br>Result | Result | Units | Rec | Rec<br>Qual | RPD | RPD<br>Qual | Low     | Limits<br>High | RPD |
|-------------------|------------------|-------|------------------|--------|-------|-----|-------------|-----|-------------|---------|----------------|-----|
| Client Sample ID: | MOO-25-0123-27MS |       |                  |        |       |     |             |     |             |         |                |     |
| Q1910-01MS        | AR1016           | 187.4 | 0                | 166    | ug/kg | 89  |             |     |             | 40 (55) | 140 (146)      |     |
|                   | AR1260           | 187.4 | 0                | 206    | ug/kg | 110 |             |     |             | 40 (31) | 140 (146)      |     |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1901

Client: Portal Partners Tri-Venture

Analytical Method: 8082A

DataFile : PP071649.D

| Lab Sample ID:    | Parameter         | Spike | Sample<br>Result | Result | Units | Rec | Rec<br>Qual | RPD | RPD<br>Qual | Low     | Limits<br>High | RPD     |
|-------------------|-------------------|-------|------------------|--------|-------|-----|-------------|-----|-------------|---------|----------------|---------|
| Client Sample ID: | MOO-25-0123-27MSD |       |                  |        |       |     |             |     |             |         |                |         |
| Q1910-01MSD       | AR1016            | 187.1 | 0                | 171    | ug/kg | 91  |             | 2   |             | 40 (55) | 140 (146)      | 30 (20) |
|                   | AR1260            | 187.1 | 0                | 231    | ug/kg | 123 |             | 11  |             | 40 (31) | 140 (146)      | 30 (20) |



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
Fax : 908 789 8922

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1901

Client: Portal Partners Tri-Venture

Analytical Method: 8082A Datafile : PP071608.D

| Lab Sample ID | Parameter | Spike | Result | Units | Rec | RPD | Qual | RPD  |         | Limits    |     |
|---------------|-----------|-------|--------|-------|-----|-----|------|------|---------|-----------|-----|
|               |           |       |        |       |     |     |      | Qual | Low     | High      | RPD |
| PB167776BS    | AR1016    | 166.5 | 156    | ug/kg | 94  |     |      |      | 40 (71) | 140 (120) |     |
|               | AR1260    | 166.5 | 157    | ug/kg | 94  |     |      |      | 40 (65) | 140 (130) |     |



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
Fax : 908 789 8922

### Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1901

Client: Portal Partners Tri-Venture

Analytical Method: 8082A Datafile : PP071625.D

| Lab Sample ID | Parameter | Spike | Result | Units | Rec | RPD | Qual | RPD  | Limits  |           | RPD |
|---------------|-----------|-------|--------|-------|-----|-----|------|------|---------|-----------|-----|
|               |           |       |        |       |     |     |      | Qual | Low     | High      |     |
| PB167782BS    | AR1016    | 5     | 4.20   | ug/L  | 84  |     |      |      | 40 (61) | 140 (112) |     |
|               | AR1260    | 5     | 4.60   | ug/L  | 92  |     |      |      | 40 (66) | 140 (113) |     |



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
Fax : 908 789 8922

### Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1901

Client: Portal Partners Tri-Venture

Analytical Method: 8082A Datafile : PP071626.D

| Lab Sample ID | Parameter | Spike | Result | Units | Rec | RPD | Qual | RPD  | Limits  |           | RPD     |
|---------------|-----------|-------|--------|-------|-----|-----|------|------|---------|-----------|---------|
|               |           |       |        |       |     |     |      | Qual | Low     | High      |         |
| PB167782BSD   | AR1016    | 5     | 4.40   | ug/L  | 88  | 5   |      |      | 40 (61) | 140 (112) | 20 (20) |
|               | AR1260    | 5     | 4.20   | ug/L  | 84  | 9   |      |      | 40 (66) | 140 (113) | 20 (20) |



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
Fax : 908 789 8922

### Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1901

Client: Portal Partners Tri-Venture

Analytical Method: 8082A Datafile : PP071642.D

| Lab Sample ID | Parameter | Spike | Result | Units | Rec | RPD | Qual | RPD  | Limits  |           | RPD |
|---------------|-----------|-------|--------|-------|-----|-----|------|------|---------|-----------|-----|
|               |           |       |        |       |     |     |      | Qual | Low     | High      |     |
| PB167794BS    | AR1016    | 166.5 | 150    | ug/kg | 90  |     |      |      | 40 (71) | 140 (120) |     |
|               | AR1260    | 166.5 | 153    | ug/kg | 92  |     |      |      | 40 (65) | 140 (130) |     |



4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167776BL

Lab Name: CHEMTECH

Contract: PORT06

Lab Code: CHEM Case No.: Q1901

SAS No.: Q1901 SDG NO.: Q1901

Lab Sample ID: PB167776BL

Lab File ID: PP071607.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 04/29/2025

Date Analyzed (1): 04/29/2025

Date Analyzed (2): 04/29/2025

Time Analyzed (1): 13:30

Time Analyzed (2): 13:30

Instrument ID (1): ECD\_P

Instrument ID (2): ECD\_P

GC Column (1): ZB-MR1 ID: 0.32 (mm)

GC Column (2): ZB-MR2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED 1 | DATE<br>ANALYZED 2 |
|-------------------|------------------|----------------|--------------------|--------------------|
| B-170-SB02        | Q1901-05         | PO110856.D     | 04/29/2025         | 04/29/2025         |
| VNJ-210MS         | Q1904-01MS       | PO110867.D     | 04/29/2025         | 04/29/2025         |
| VNJ-210MSD        | Q1904-01MSD      | PO110868.D     | 04/29/2025         | 04/29/2025         |
| PB167776BS        | PB167776BS       | PP071608.D     | 04/29/2025         | 04/29/2025         |
| B-167-SB01        | Q1901-02         | PP071622.D     | 04/29/2025         | 04/29/2025         |
| B-167-SB02        | Q1901-04         | PP071623.D     | 04/29/2025         | 04/29/2025         |

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167782BL

Lab Name: CHEMTECH

Contract: PORT06

Lab Code: CHEM Case No.: Q1901

SAS No.: Q1901 SDG NO.: Q1901

Lab Sample ID: PB167782BL

Lab File ID: PP071624.D

Matrix: (soil/water) WATER

Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N

Date Extracted: 04/29/2025

Date Analyzed (1): 04/29/2025

Date Analyzed (2): 04/29/2025

Time Analyzed (1): 19:29

Time Analyzed (2): 19:29

Instrument ID (1): ECD\_P

Instrument ID (2): ECD\_P

GC Column (1): ZB-MR1 ID: 0.32 (mm)

GC Column (2): ZB-MR2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED 1 | DATE<br>ANALYZED 2 |
|-------------------|------------------|----------------|--------------------|--------------------|
| FB04262025        | Q1901-06         | PO110874.D     | 04/29/2025         | 04/29/2025         |
| PB167782BS        | PB167782BS       | PP071625.D     | 04/29/2025         | 04/29/2025         |
| PB167782BSD       | PB167782BSD      | PP071626.D     | 04/29/2025         | 04/29/2025         |

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167794BL

Lab Name: CHEMTECH

Contract: PORT06

Lab Code: CHEM Case No.: Q1901

SAS No.: Q1901 SDG NO.: Q1901

Lab Sample ID: PB167794BL

Lab File ID: PP071641.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 04/30/2025

Date Analyzed (1): 04/30/2025

Date Analyzed (2): 04/30/2025

Time Analyzed (1): 12:39

Time Analyzed (2): 12:39

Instrument ID (1): ECD\_P

Instrument ID (2): ECD\_P

GC Column (1): ZB-MR1 ID: 0.32 (mm)

GC Column (2): ZB-MR2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED 1 | DATE<br>ANALYZED 2 |
|-------------------|------------------|----------------|--------------------|--------------------|
| PB167794BS        | PB167794BS       | PP071642.D     | 04/30/2025         | 04/30/2025         |
| B-170-SB01        | Q1901-03         | PP071643.D     | 04/30/2025         | 04/30/2025         |
| MOO-25-0123-27MS  | Q1910-01MS       | PP071648.D     | 04/30/2025         | 04/30/2025         |
| MOO-25-0123-27MSD | Q1910-01MSD      | PP071649.D     | 04/30/2025         | 04/30/2025         |

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_



# SAMPLE DATA

## Report of Analysis

|                    |                              |                    |          |
|--------------------|------------------------------|--------------------|----------|
| Client:            | Portal Partners Tri-Venture  | Date Collected:    | 04/26/25 |
| Project:           | Amtrak Sawtooth Bridges 2025 | Date Received:     | 04/28/25 |
| Client Sample ID:  | B-167-SB01                   | SDG No.:           | Q1901    |
| Lab Sample ID:     | Q1901-02                     | Matrix:            | SOIL     |
| Analytical Method: | SW8082A                      | % Solid:           | 82.6     |
| Sample Wt/Vol:     | 30.07                        | Units:             | g        |
| Soil Aliquot Vol:  |                              |                    | uL       |
| Extraction Type:   |                              | Test:              | PCB      |
| GPC Factor :       | 1.0                          | PH :               |          |
| Prep Method :      | SW3541B                      | Injection Volume : |          |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PP071622.D        | 1         | 04/29/25 08:35 | 04/29/25 18:56 | PB167776      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|---------------------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |                     |            |                   |
| 12674-11-2        | Aroclor-1016         | 4.80  | U         | 4.80                | 20.5       | ug/kg             |
| 11104-28-2        | Aroclor-1221         | 4.90  | U         | 4.90                | 20.5       | ug/kg             |
| 11141-16-5        | Aroclor-1232         | 4.50  | U         | 4.50                | 20.5       | ug/kg             |
| 53469-21-9        | Aroclor-1242         | 4.80  | U         | 4.80                | 20.5       | ug/kg             |
| 12672-29-6        | Aroclor-1248         | 7.20  | U         | 7.20                | 20.5       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 3.90  | U         | 3.90                | 20.5       | ug/kg             |
| 37324-23-5        | Aroclor-1262         | 6.10  | U         | 6.10                | 20.5       | ug/kg             |
| 11100-14-4        | Aroclor-1268         | 4.30  | U         | 4.30                | 20.5       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 3.90  | U         | 3.90                | 20.5       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |                     |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 23.3  |           | 30 (32) - 150 (144) | 117%       | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 21.4  |           | 30 (32) - 150 (175) | 107%       | SPK: 20           |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates &gt;25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042925\  
 Data File : PP071622.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Apr 2025 18:56  
 Operator : YP\AJ  
 Sample : Q1901-02  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 B-167-SB01

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 04/30/2025  
 Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 30 02:28:21 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Apr 23 05:02:06 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|----------|------|------|--------|--------|-------|-------|
|----------|------|------|--------|--------|-------|-------|

System Monitoring Compounds

|                    |        |       |          |          |         |        |
|--------------------|--------|-------|----------|----------|---------|--------|
| 1) SA Tetrachlo... | 4.510  | 3.810 | 41899630 | 32874432 | 21.133m | 23.338 |
| 2) SA Decachlor... | 10.228 | 8.843 | 29611632 | 18791478 | 20.450  | 21.426 |

Target Compounds

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042925\  
Data File : PP071622.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Apr 2025 18:56  
Operator : YP\AJ  
Sample : Q1901-02  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

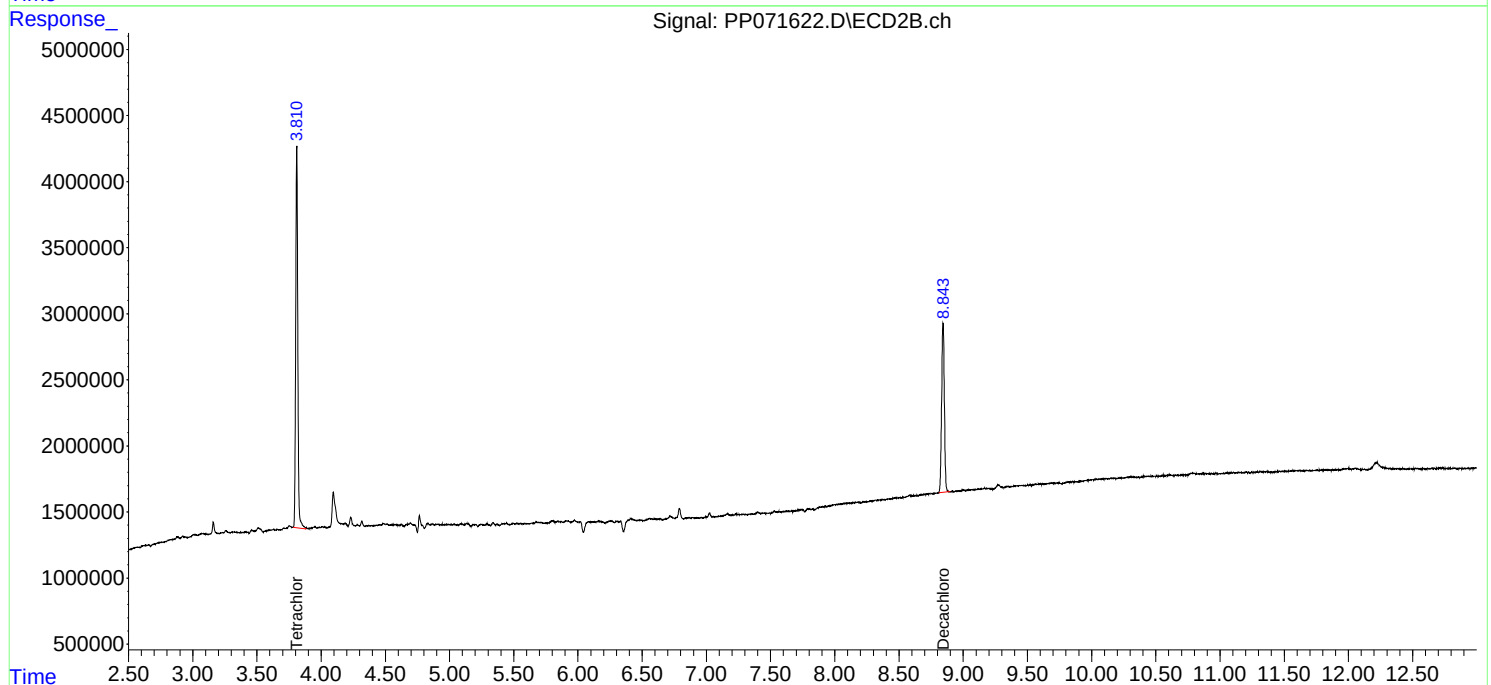
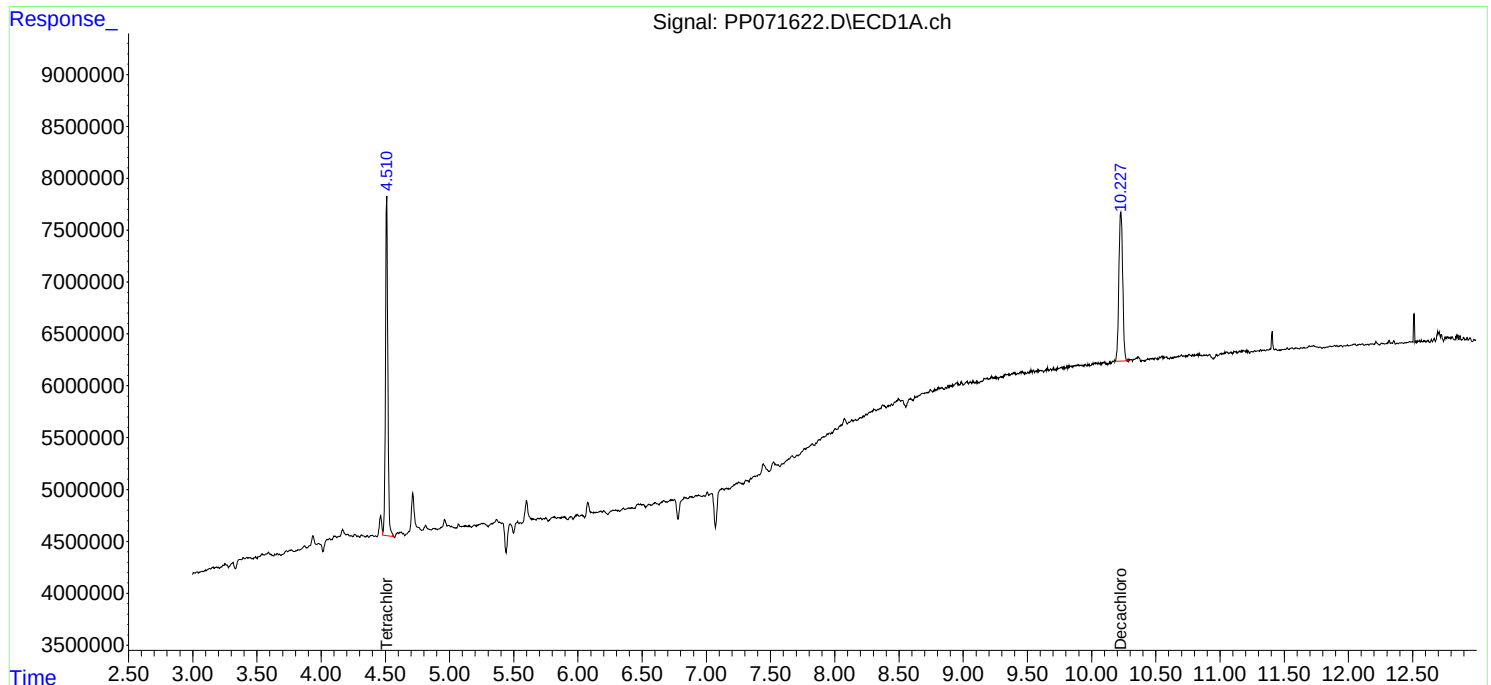
Instrument :  
ECD\_P  
ClientSampleId :  
B-167-SB01

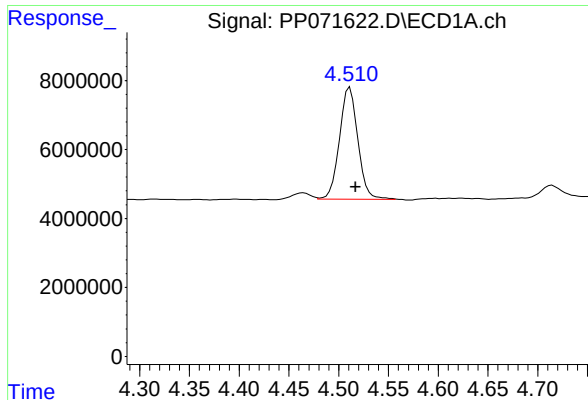
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 04/30/2025  
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 30 02:28:21 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Apr 23 05:02:06 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm





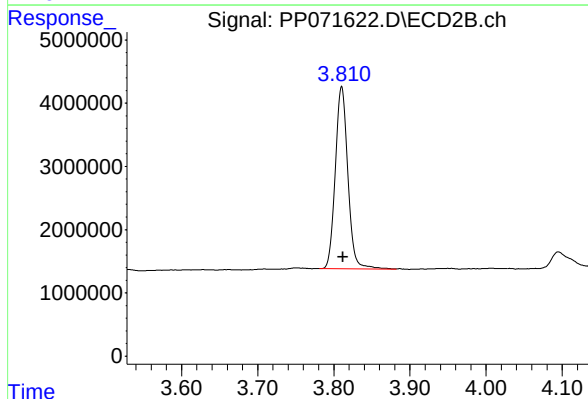
## #1 Tetrachloro-m-xylene

R.T.: 4.510 min  
Delta R.T.: -0.007 min  
Response: 41899630  
Conc: 21.13 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
B-167-SB01

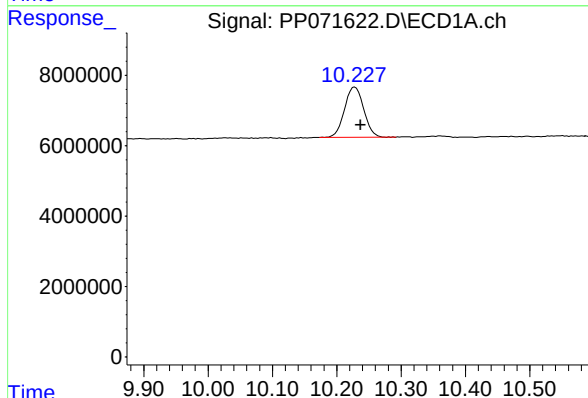
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 04/30/2025  
Supervised By :mohammad ahmed 05/02/2025



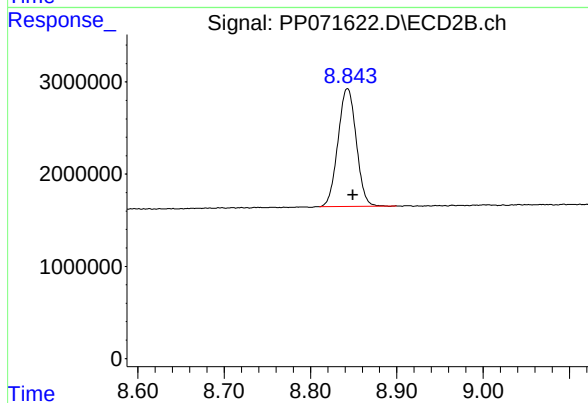
## #1 Tetrachloro-m-xylene

R.T.: 3.810 min  
Delta R.T.: -0.002 min  
Response: 32874432  
Conc: 23.34 ng/ml



## #2 Decachlorobiphenyl

R.T.: 10.228 min  
Delta R.T.: -0.009 min  
Response: 29611632  
Conc: 20.45 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.843 min  
Delta R.T.: -0.006 min  
Response: 18791478  
Conc: 21.43 ng/ml



## Report of Analysis

|                    |                              |                    |          |
|--------------------|------------------------------|--------------------|----------|
| Client:            | Portal Partners Tri-Venture  | Date Collected:    | 04/26/25 |
| Project:           | Amtrak Sawtooth Bridges 2025 | Date Received:     | 04/28/25 |
| Client Sample ID:  | B-170-SB01                   | SDG No.:           | Q1901    |
| Lab Sample ID:     | Q1901-03                     | Matrix:            | SOIL     |
| Analytical Method: | SW8082A                      | % Solid:           | 83       |
| Sample Wt/Vol:     | 30.04                        | Units:             | g        |
| Soil Aliquot Vol:  |                              |                    | uL       |
| Extraction Type:   |                              | Test:              | PCB      |
| GPC Factor :       | 1.0                          | PH :               |          |
| Prep Method :      | SW3541B                      | Injection Volume : |          |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PP071643.D        | 1         | 04/30/25 08:35 | 04/30/25 13:12 | PB167794      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|---------------------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |                     |            |                   |
| 12674-11-2        | Aroclor-1016         | 4.80  | U         | 4.80                | 20.5       | ug/kg             |
| 11104-28-2        | Aroclor-1221         | 4.80  | U         | 4.80                | 20.5       | ug/kg             |
| 11141-16-5        | Aroclor-1232         | 4.50  | U         | 4.50                | 20.5       | ug/kg             |
| 53469-21-9        | Aroclor-1242         | 4.80  | U         | 4.80                | 20.5       | ug/kg             |
| 12672-29-6        | Aroclor-1248         | 7.10  | U         | 7.10                | 20.5       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 3.90  | U         | 3.90                | 20.5       | ug/kg             |
| 37324-23-5        | Aroclor-1262         | 6.00  | U         | 6.00                | 20.5       | ug/kg             |
| 11100-14-4        | Aroclor-1268         | 4.30  | U         | 4.30                | 20.5       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 3.90  | U         | 3.90                | 20.5       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |                     |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 20.3  |           | 30 (32) - 150 (144) | 102%       | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 17.6  |           | 30 (32) - 150 (175) | 88%        | SPK: 20           |

**Comments:**

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates &gt;25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP043025\  
 Data File : PP071643.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Apr 2025 13:12  
 Operator : YP\AJ  
 Sample : Q1901-03  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 B-170-SB01

**Manual Integrations**  
**APPROVED**

Reviewed By :Yogesh Patel 05/01/2025  
 Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 30 13:39:18 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Apr 23 05:02:06 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml  |
|-----------------------------|--------|-------|----------|----------|---------|--------|
| -----                       |        |       |          |          |         |        |
| System Monitoring Compounds |        |       |          |          |         |        |
| 1) SA Tetrachlo...          | 4.511  | 3.808 | 34910594 | 28602757 | 17.608m | 20.305 |
| 2) SA Decachlor...          | 10.229 | 8.840 | 22584558 | 15464618 | 15.597  | 17.632 |

Target Compounds

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP043025\  
Data File : PP071643.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Apr 2025 13:12  
Operator : YP\AJ  
Sample : Q1901-03  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

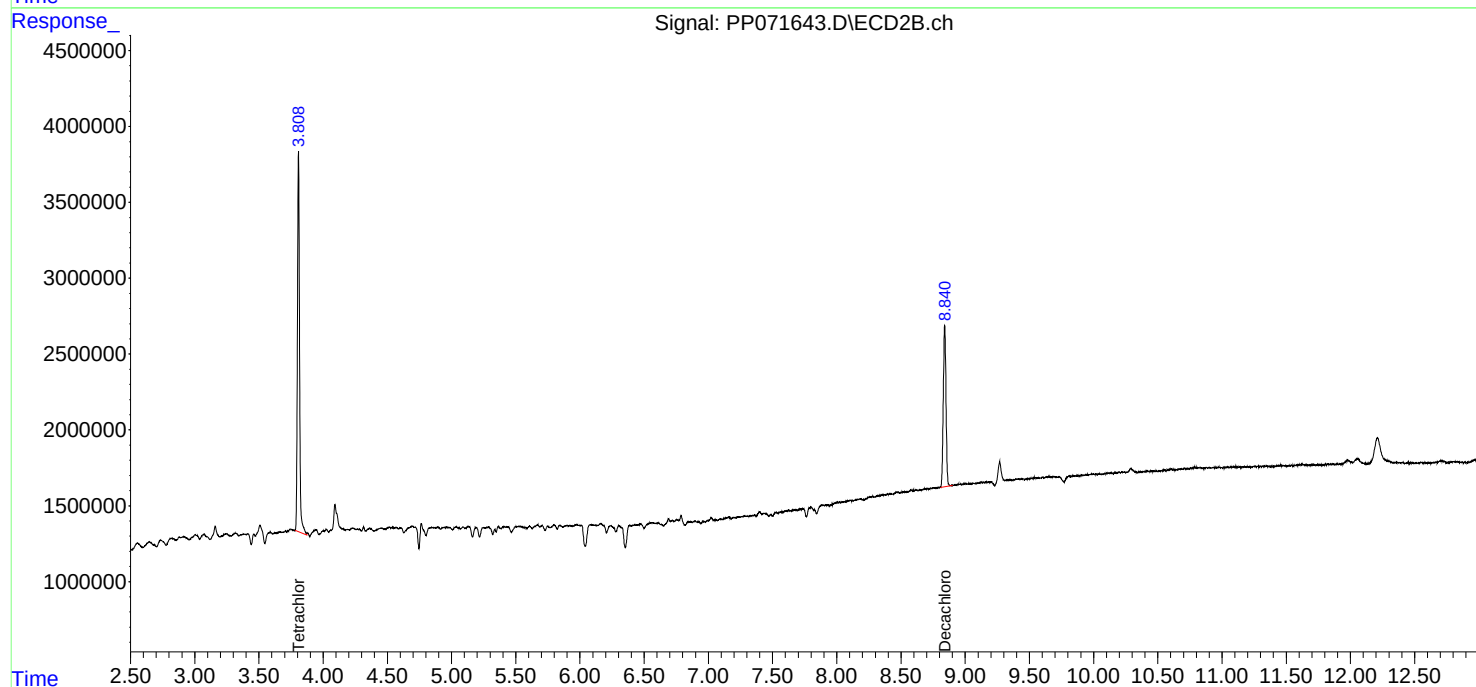
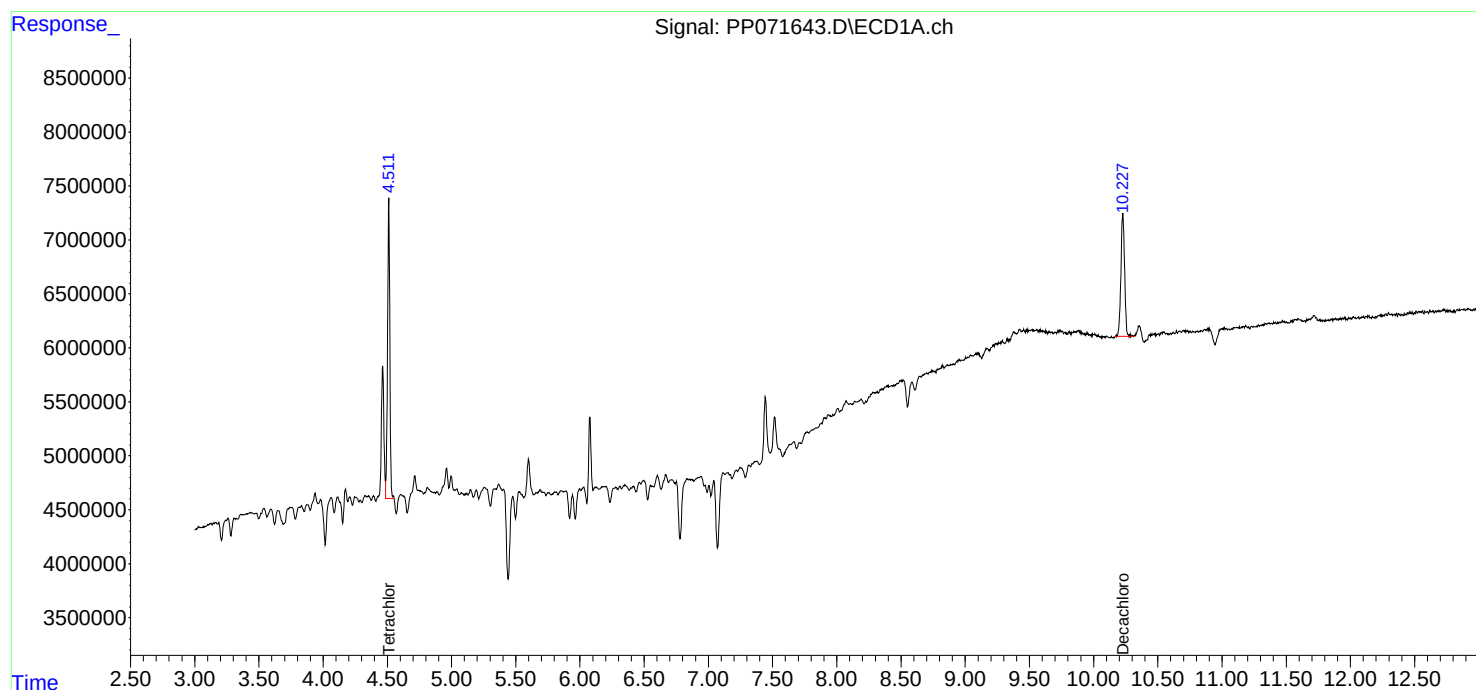
Instrument :  
ECD\_P  
ClientSampleId :  
B-170-SB01

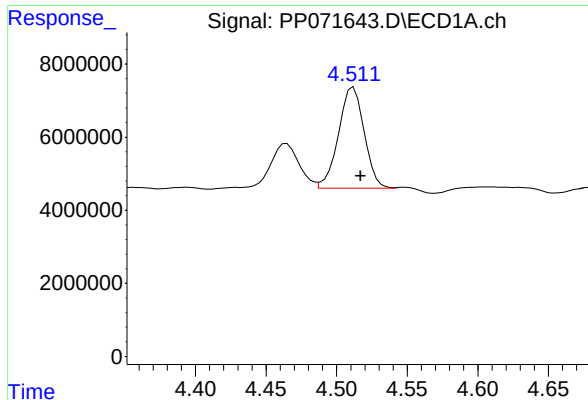
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 05/01/2025  
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 30 13:39:18 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Apr 23 05:02:06 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm





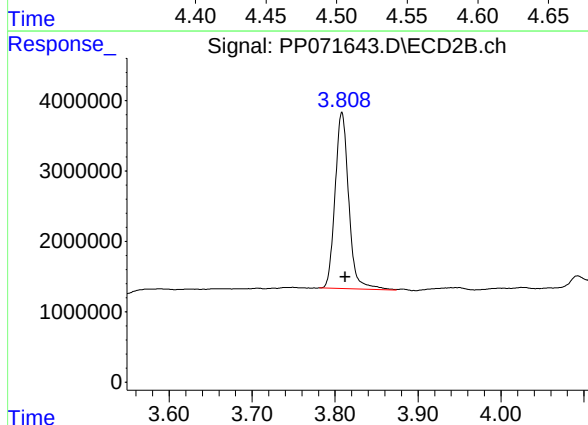
## #1 Tetrachloro-m-xylene

R.T.: 4.511 min  
Delta R.T.: -0.006 min  
Response: 34910594  
Conc: 17.61 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
B-170-SB01

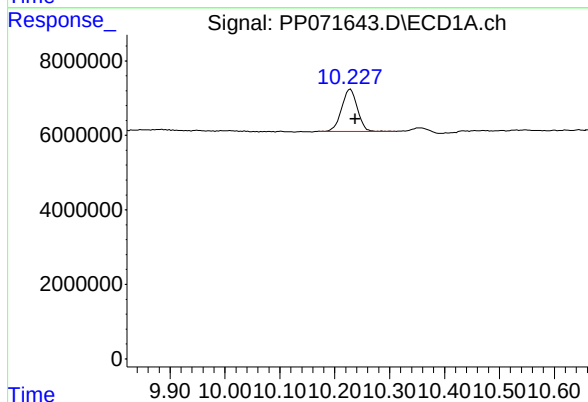
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 05/01/2025  
Supervised By :mohammad ahmed 05/02/2025



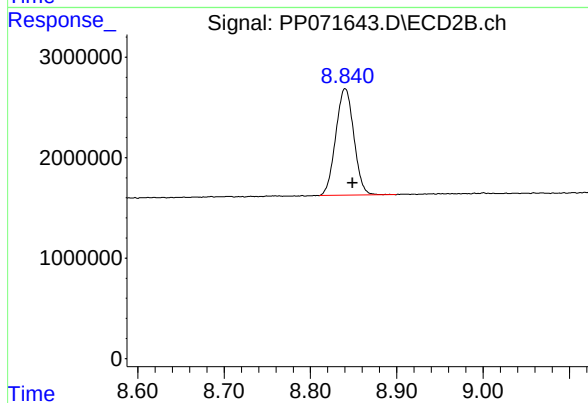
## #1 Tetrachloro-m-xylene

R.T.: 3.808 min  
Delta R.T.: -0.004 min  
Response: 28602757  
Conc: 20.31 ng/ml



## #2 Decachlorobiphenyl

R.T.: 10.229 min  
Delta R.T.: -0.009 min  
Response: 22584558  
Conc: 15.60 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.840 min  
Delta R.T.: -0.009 min  
Response: 15464618  
Conc: 17.63 ng/ml

## Report of Analysis

|                    |                              |                    |          |
|--------------------|------------------------------|--------------------|----------|
| Client:            | Portal Partners Tri-Venture  | Date Collected:    | 04/26/25 |
| Project:           | Amtrak Sawtooth Bridges 2025 | Date Received:     | 04/28/25 |
| Client Sample ID:  | B-167-SB02                   | SDG No.:           | Q1901    |
| Lab Sample ID:     | Q1901-04                     | Matrix:            | SOIL     |
| Analytical Method: | SW8082A                      | % Solid:           | 53.2     |
| Sample Wt/Vol:     | 30.03                        | Units:             | g        |
| Soil Aliquot Vol:  |                              |                    | uL       |
| Extraction Type:   |                              | Test:              | PCB      |
| GPC Factor :       | 1.0                          | PH :               |          |
| Prep Method :      | SW3541B                      | Injection Volume : |          |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PP071623.D        | 1         | 04/29/25 08:35 | 04/29/25 19:12 | PB167776      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|---------------------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |                     |            |                   |
| 12674-11-2        | Aroclor-1016         | 7.40  | U         | 7.40                | 31.9       | ug/kg             |
| 11104-28-2        | Aroclor-1221         | 7.60  | U         | 7.60                | 31.9       | ug/kg             |
| 11141-16-5        | Aroclor-1232         | 7.00  | U         | 7.00                | 31.9       | ug/kg             |
| 53469-21-9        | Aroclor-1242         | 7.50  | U         | 7.50                | 31.9       | ug/kg             |
| 12672-29-6        | Aroclor-1248         | 11.1  | U         | 11.1                | 31.9       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 6.00  | U         | 6.00                | 31.9       | ug/kg             |
| 37324-23-5        | Aroclor-1262         | 9.40  | U         | 9.40                | 31.9       | ug/kg             |
| 11100-14-4        | Aroclor-1268         | 6.80  | U         | 6.80                | 31.9       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 6.10  | U         | 6.10                | 31.9       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |                     |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 20.1  |           | 30 (32) - 150 (144) | 100%       | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 13.5  |           | 30 (32) - 150 (175) | 67%        | SPK: 20           |

**Comments:**

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates &gt;25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042925\  
 Data File : PP071623.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Apr 2025 19:12  
 Operator : YP\AJ  
 Sample : Q1901-04  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 B-167-SB02

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 30 02:28:38 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Apr 23 05:02:06 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|--------|-------|----------|----------|--------|--------|
| -----                       |        |       |          |          |        |        |
| System Monitoring Compounds |        |       |          |          |        |        |
| 1) SA Tetrachlo...          | 4.515  | 3.811 | 35135762 | 28243413 | 17.722 | 20.050 |
| 2) SA Decachlor...          | 10.233 | 8.844 | 17830115 | 11812856 | 12.314 | 13.469 |

Target Compounds

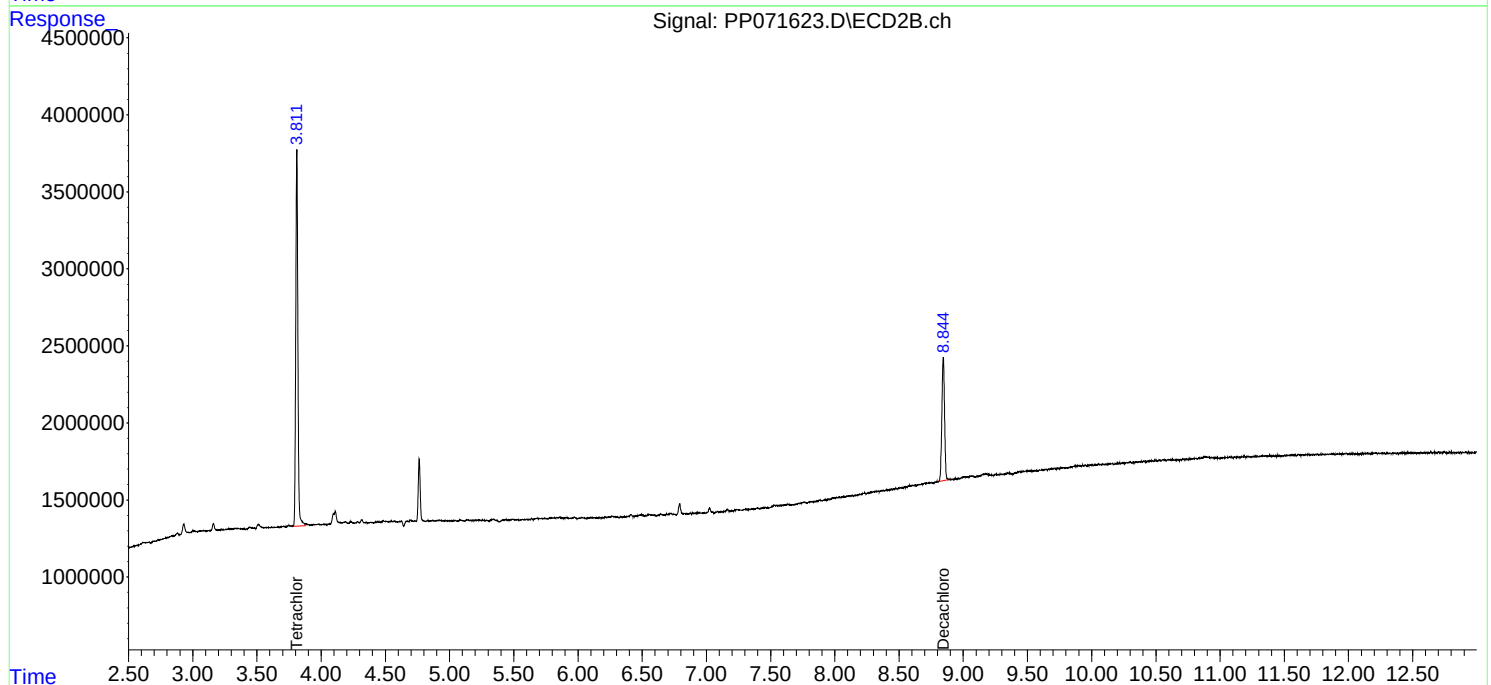
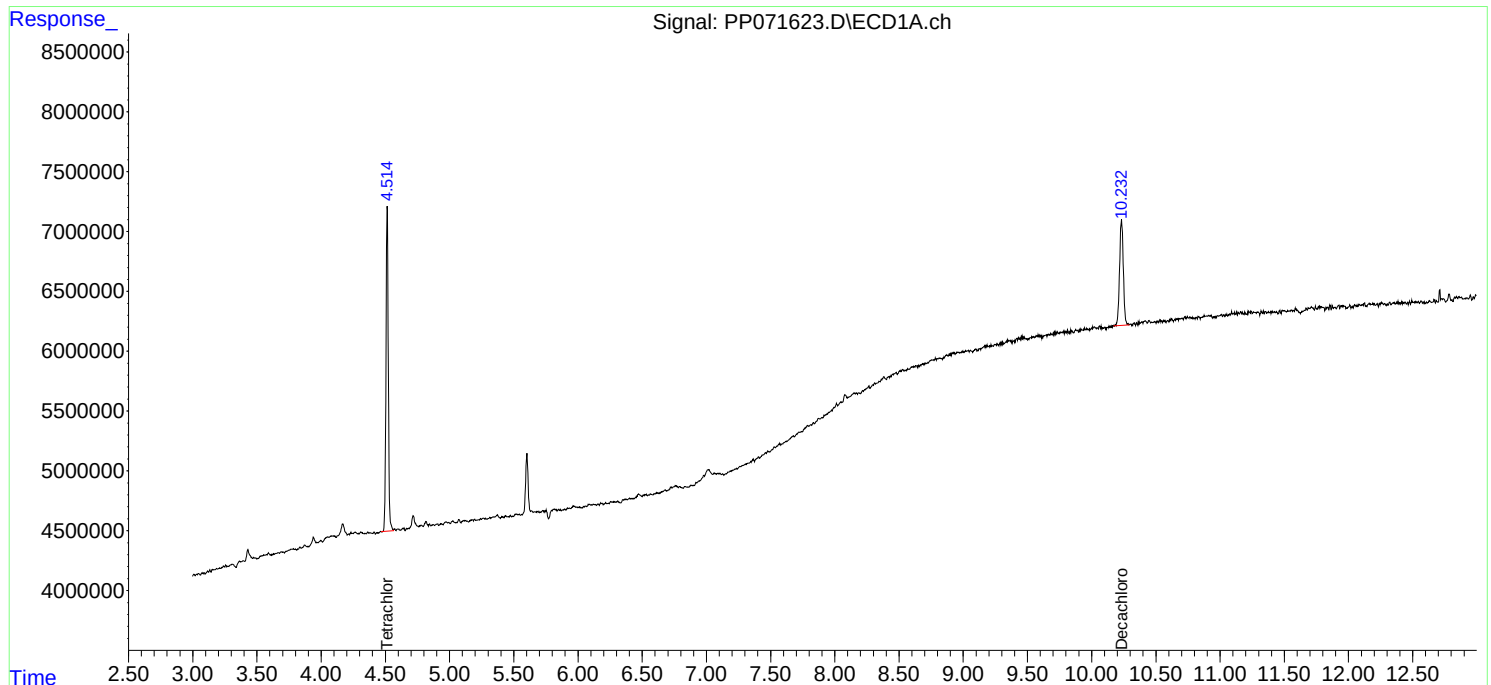
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

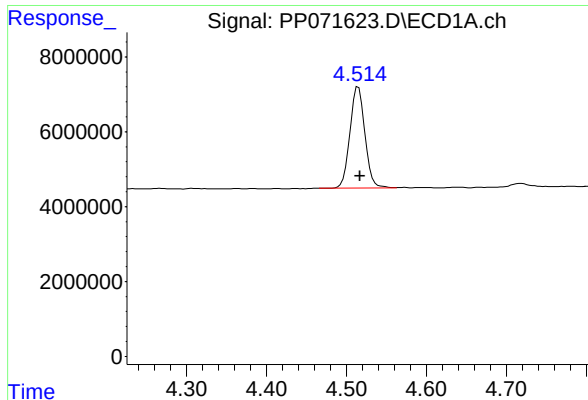
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042925\  
Data File : PP071623.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Apr 2025 19:12  
Operator : YP\AJ  
Sample : Q1901-04  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
B-167-SB02

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 30 02:28:38 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Apr 23 05:02:06 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

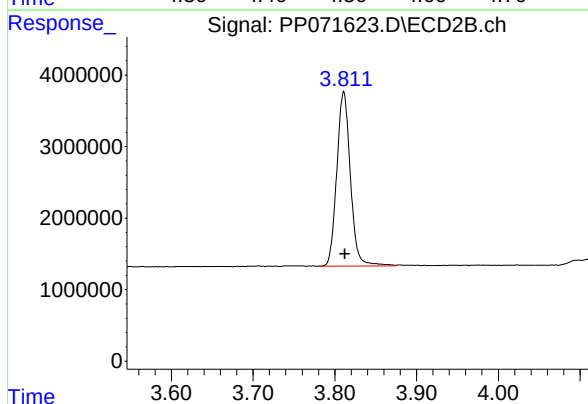




## #1 Tetrachloro-m-xylene

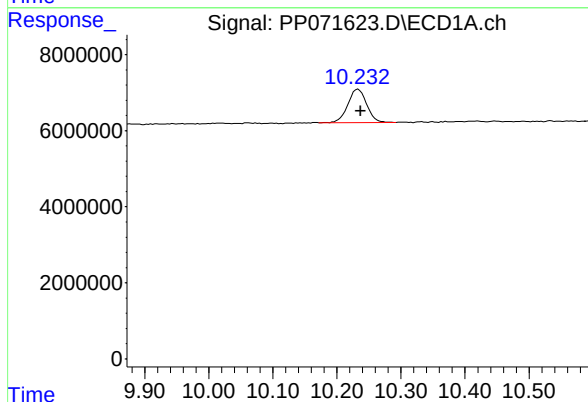
R.T.: 4.515 min  
Delta R.T.: -0.002 min  
Response: 35135762  
Conc: 17.72 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
B-167-SB02



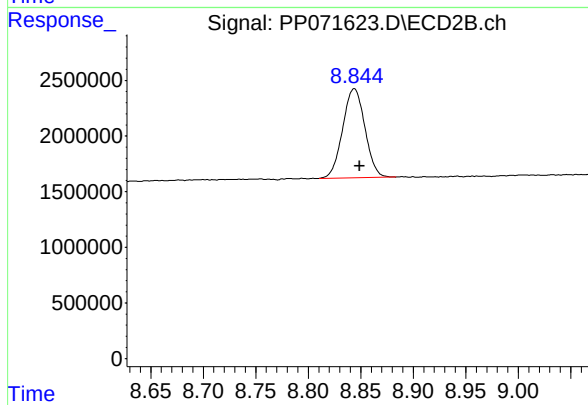
## #1 Tetrachloro-m-xylene

R.T.: 3.811 min  
Delta R.T.: -0.001 min  
Response: 28243413  
Conc: 20.05 ng/ml



## #2 Decachlorobiphenyl

R.T.: 10.233 min  
Delta R.T.: -0.004 min  
Response: 17830115  
Conc: 12.31 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.844 min  
Delta R.T.: -0.005 min  
Response: 11812856  
Conc: 13.47 ng/ml



## Report of Analysis

|                    |                              |                    |          |
|--------------------|------------------------------|--------------------|----------|
| Client:            | Portal Partners Tri-Venture  | Date Collected:    | 04/26/25 |
| Project:           | Amtrak Sawtooth Bridges 2025 | Date Received:     | 04/28/25 |
| Client Sample ID:  | B-170-SB02                   | SDG No.:           | Q1901    |
| Lab Sample ID:     | Q1901-05                     | Matrix:            | SOIL     |
| Analytical Method: | SW8082A                      | % Solid:           | 75.1     |
| Sample Wt/Vol:     | 30.04                        | Units:             | g        |
| Soil Aliquot Vol:  |                              |                    | uL       |
| Extraction Type:   |                              | Test:              | PCB      |
| GPC Factor :       | 1.0                          | PH :               |          |
| Prep Method :      | SW3541B                      | Injection Volume : |          |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PO110856.D        | 1         | 04/29/25 08:35 | 04/29/25 13:36 | PB167776      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|---------------------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |                     |            |                   |
| 12674-11-2        | Aroclor-1016         | 5.30  | U         | 5.30                | 22.6       | ug/kg             |
| 11104-28-2        | Aroclor-1221         | 5.40  | U         | 5.40                | 22.6       | ug/kg             |
| 11141-16-5        | Aroclor-1232         | 4.90  | U         | 4.90                | 22.6       | ug/kg             |
| 53469-21-9        | Aroclor-1242         | 5.30  | U         | 5.30                | 22.6       | ug/kg             |
| 12672-29-6        | Aroclor-1248         | 7.90  | U         | 7.90                | 22.6       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 4.30  | U         | 4.30                | 22.6       | ug/kg             |
| 37324-23-5        | Aroclor-1262         | 6.70  | U         | 6.70                | 22.6       | ug/kg             |
| 11100-14-4        | Aroclor-1268         | 4.80  | U         | 4.80                | 22.6       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 4.30  | U         | 4.30                | 22.6       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |                     |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 24.6  |           | 30 (32) - 150 (144) | 123%       | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 21.0  |           | 30 (32) - 150 (175) | 105%       | SPK: 20           |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates &gt;25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0042925\  
 Data File : PO110856.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Apr 2025 13:36  
 Operator : YP/AJ  
 Sample : Q1904-01  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 B-170-SB02

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 30 02:24:45 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0041025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Apr 11 02:12:41 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-------|-------|---------|----------|--------|--------|
| -----                       |       |       |         |          |        |        |
| System Monitoring Compounds |       |       |         |          |        |        |
| 1) SA Tetrachlo...          | 3.685 | 3.682 | 215.1E6 | 111.2E6  | 24.590 | 22.280 |
| 2) SA Decachlor...          | 8.726 | 8.678 | 165.0E6 | 40407910 | 20.895 | 20.991 |

Target Compounds

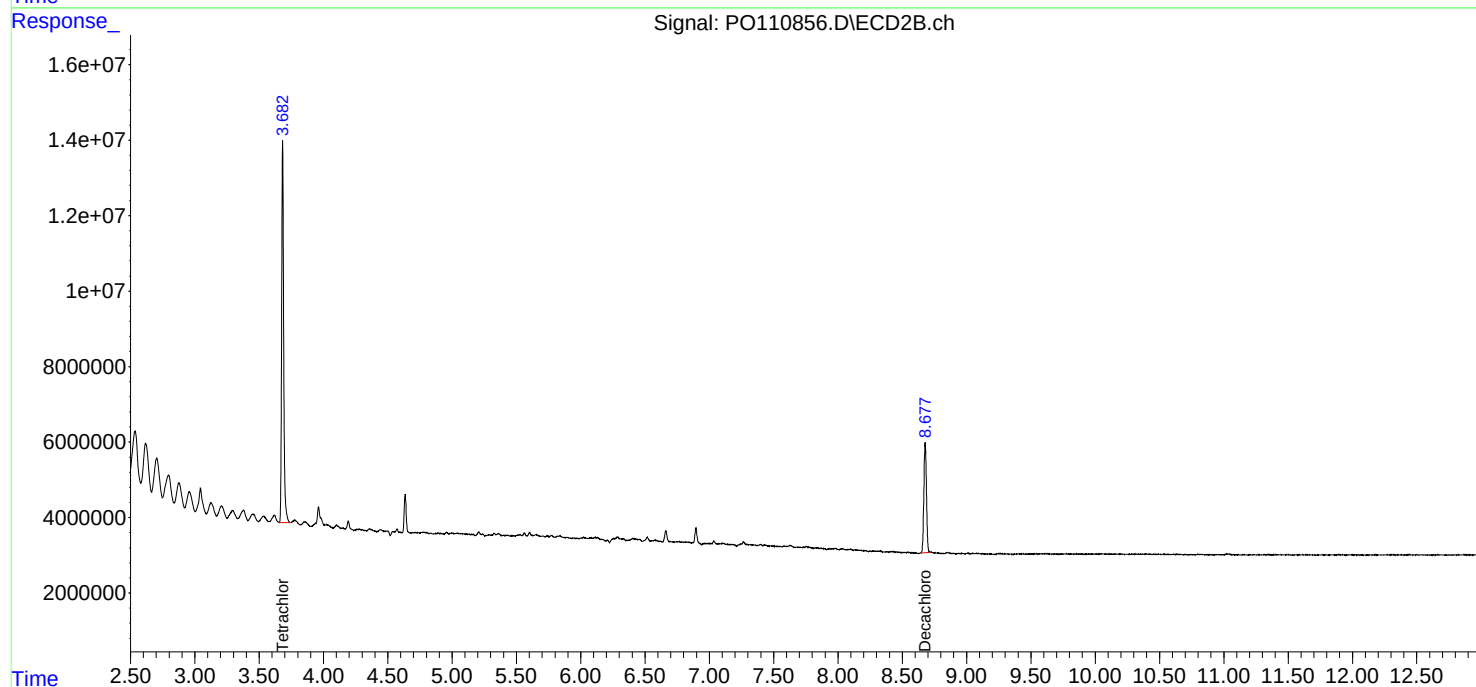
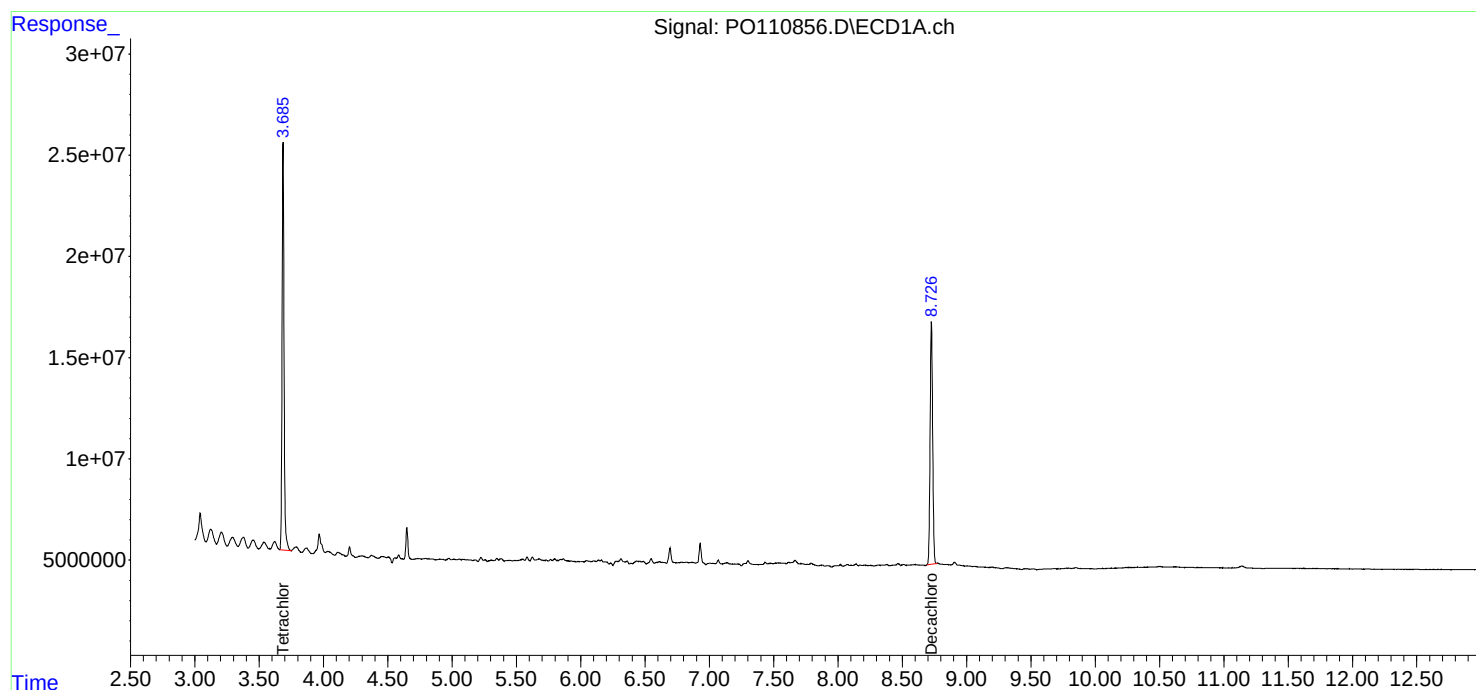
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

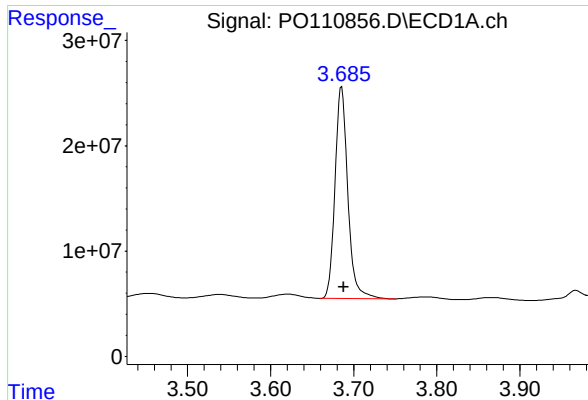
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0042925\  
Data File : P0110856.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Apr 2025 13:36  
Operator : YP/AJ  
Sample : Q1904-01  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
B-170-SB02

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 30 02:24:45 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0041025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Apr 11 02:12:41 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

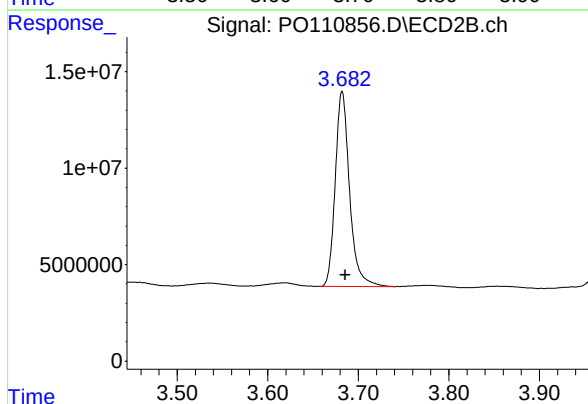




## #1 Tetrachloro-m-xylene

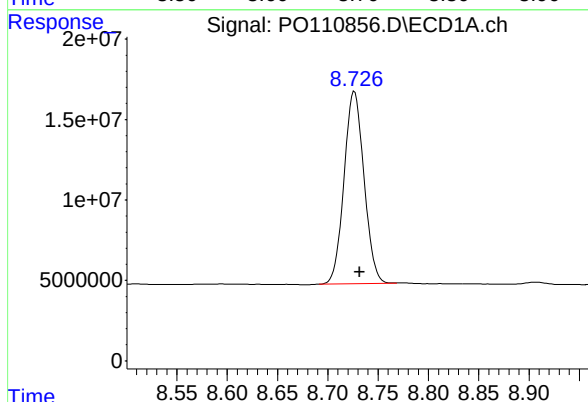
R.T.: 3.685 min  
Delta R.T.: -0.003 min  
Response: 215137538  
Conc: 24.59 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
B-170-SB02



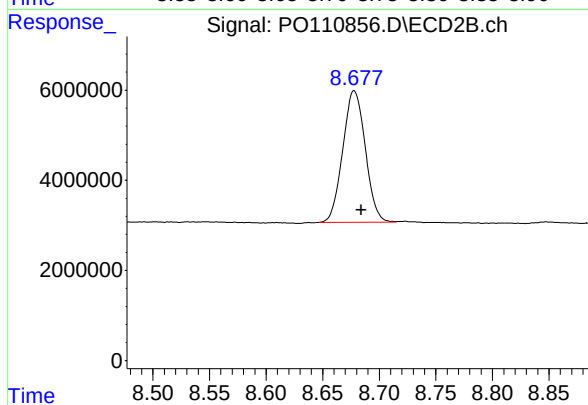
## #1 Tetrachloro-m-xylene

R.T.: 3.682 min  
Delta R.T.: -0.004 min  
Response: 111172147  
Conc: 22.28 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.726 min  
Delta R.T.: -0.005 min  
Response: 164968971  
Conc: 20.90 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.678 min  
Delta R.T.: -0.006 min  
Response: 40407910  
Conc: 20.99 ng/ml

## Report of Analysis

|                    |                              |           |                    |          |           |
|--------------------|------------------------------|-----------|--------------------|----------|-----------|
| Client:            | Portal Partners Tri-Venture  |           | Date Collected:    | 04/26/25 |           |
| Project:           | Amtrak Sawtooth Bridges 2025 |           | Date Received:     | 04/28/25 |           |
| Client Sample ID:  | FB04262025                   |           | SDG No.:           | Q1901    |           |
| Lab Sample ID:     | Q1901-06                     |           | Matrix:            | WATER    |           |
| Analytical Method: | SW8082A                      |           | % Solid:           | 0        | Decanted: |
| Sample Wt/Vol:     | 870                          | Units: mL | Final Vol:         | 10000    | uL        |
| Soil Aliquot Vol:  |                              | uL        | Test:              | PCB      |           |
| Extraction Type:   |                              |           | Injection Volume : |          |           |
| GPC Factor :       | 1.0                          | PH :      |                    |          |           |
| Prep Method :      | 3510C                        |           |                    |          |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PO110874.D        | 1         | 04/29/25 08:55 | 04/29/25 20:14 | PB167782      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|---------------------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |                     |            |         |
| 12674-11-2        | Aroclor-1016         | 0.11  | U         | 0.11                | 0.57       | ug/L    |
| 11104-28-2        | Aroclor-1221         | 0.15  | U         | 0.15                | 0.57       | ug/L    |
| 11141-16-5        | Aroclor-1232         | 0.11  | U         | 0.11                | 0.57       | ug/L    |
| 53469-21-9        | Aroclor-1242         | 0.14  | U         | 0.14                | 0.57       | ug/L    |
| 12672-29-6        | Aroclor-1248         | 0.082 | U         | 0.082               | 0.57       | ug/L    |
| 11097-69-1        | Aroclor-1254         | 0.11  | U         | 0.11                | 0.57       | ug/L    |
| 37324-23-5        | Aroclor-1262         | 0.16  | U         | 0.16                | 0.57       | ug/L    |
| 11100-14-4        | Aroclor-1268         | 0.13  | U         | 0.13                | 0.57       | ug/L    |
| 11096-82-5        | Aroclor-1260         | 0.093 | U         | 0.093               | 0.57       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |                     |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 24.2  |           | 30 (16) - 150 (158) | 121%       | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 17.2  |           | 30 (10) - 150 (173) | 86%        | SPK: 20 |

### Comments:

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 E = Value Exceeds Calibration Range  
 P = Indicates >25% difference for detected concentrations between the two GC columns  
 Q = indicates LCS control criteria did not meet requirements  
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 N = Presumptive Evidence of a Compound  
 \* = Values outside of QC limits  
 D = Dilution  
 S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.  
 () = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0042925\  
 Data File : PO110874.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Apr 2025 20:14  
 Operator : YP/AJ  
 Sample : Q1901-06  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 FB04262025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 30 02:29:47 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0041025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Apr 11 02:12:41 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-------|-------|---------|----------|--------|--------|
| -----                       |       |       |         |          |        |        |
| System Monitoring Compounds |       |       |         |          |        |        |
| 1) SA Tetrachlo...          | 3.687 | 3.684 | 212.0E6 | 106.2E6  | 24.235 | 21.287 |
| 2) SA Decachlor...          | 8.728 | 8.680 | 128.2E6 | 33132538 | 16.242 | 17.212 |

Target Compounds

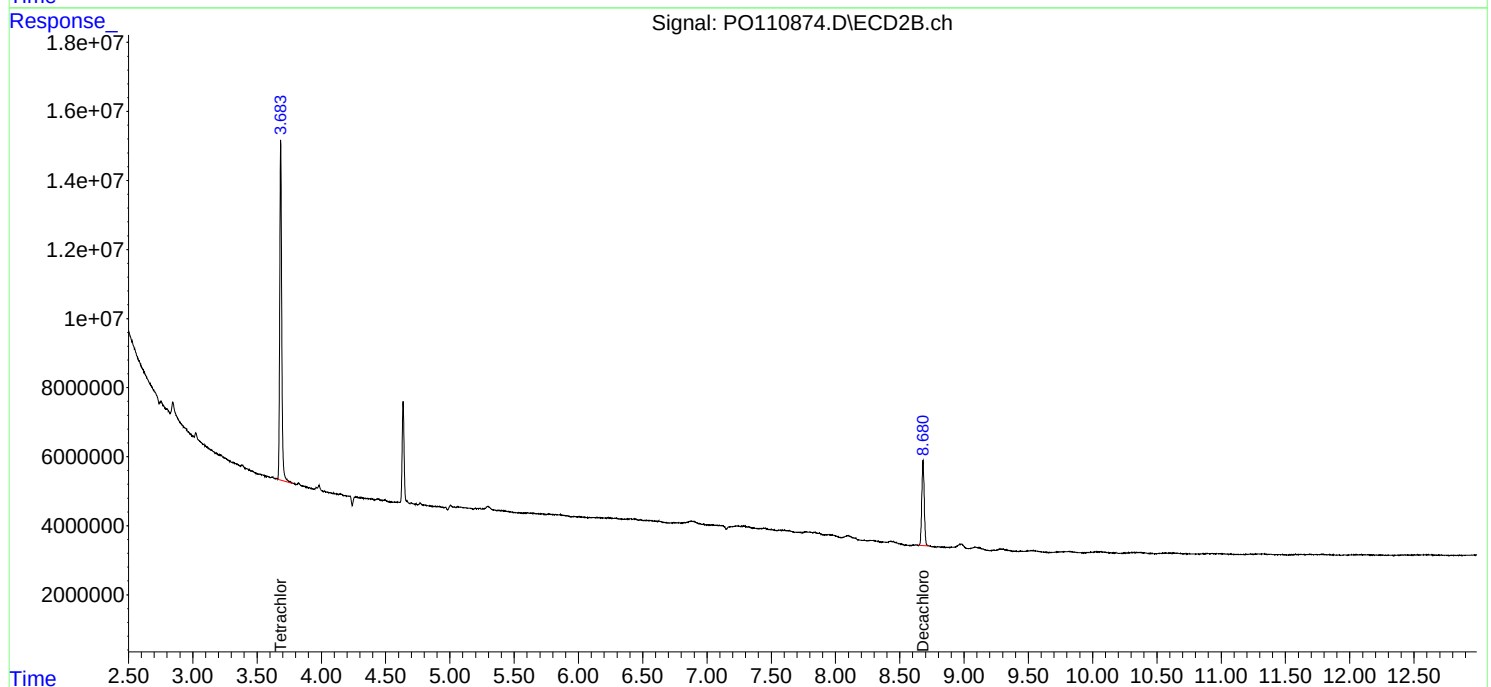
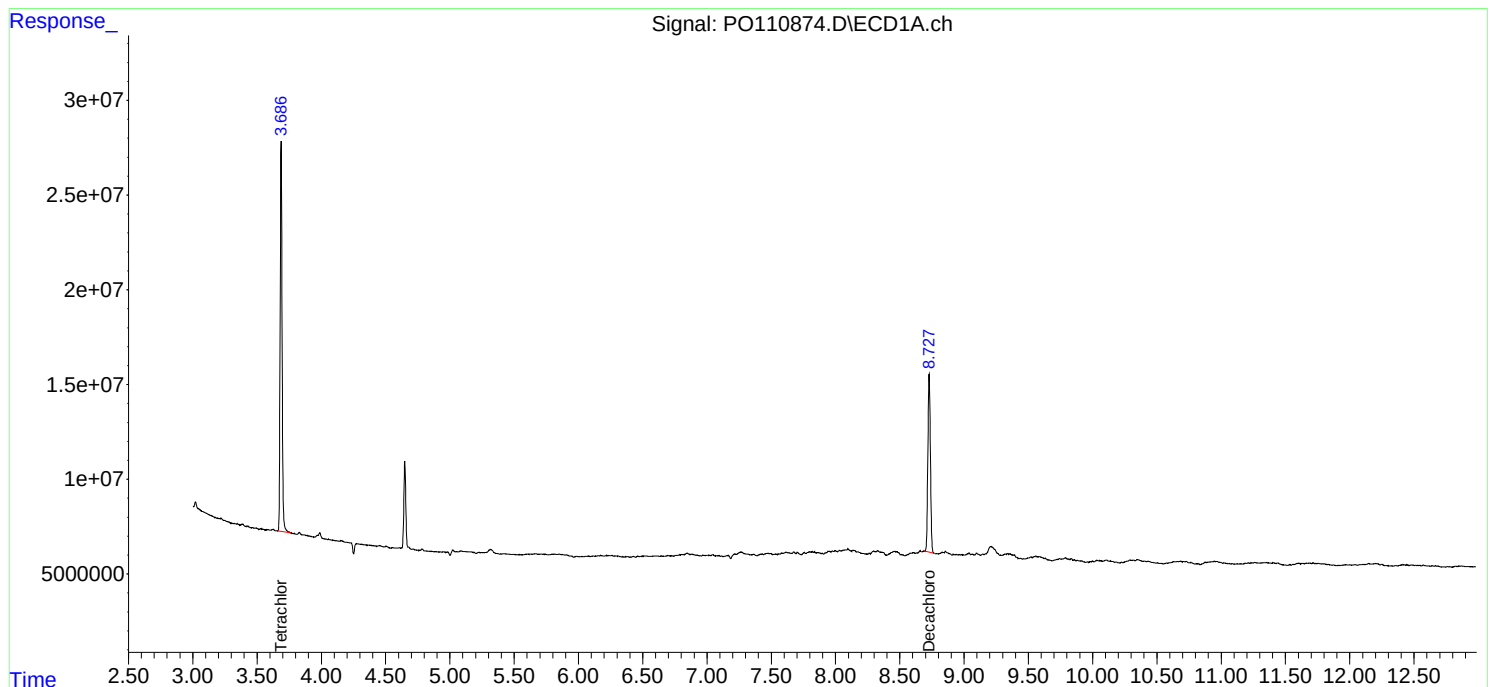
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

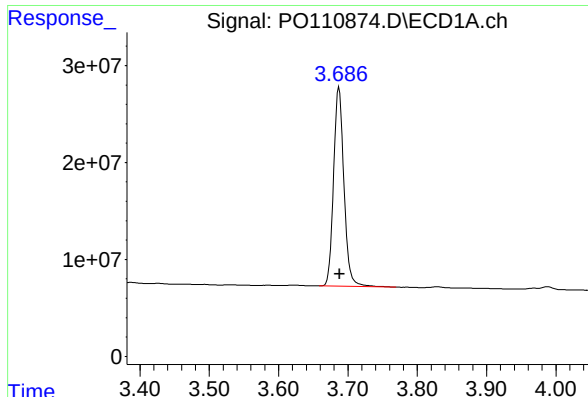
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO042925\  
Data File : PO110874.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Apr 2025 20:14  
Operator : YP/AJ  
Sample : Q1901-06  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
FB04262025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 30 02:29:47 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO041025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Apr 11 02:12:41 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

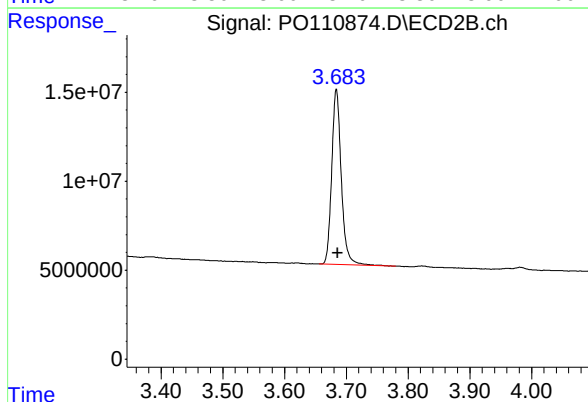




## #1 Tetrachloro-m-xylene

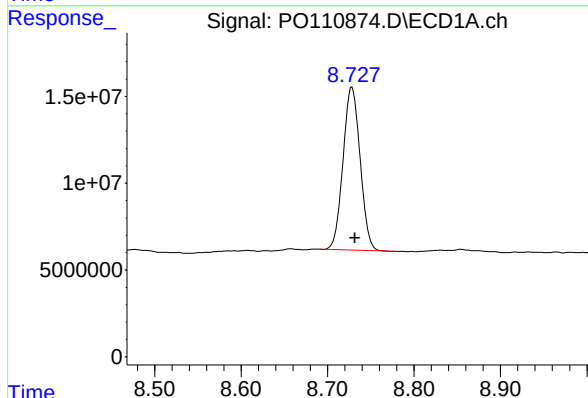
R.T.: 3.687 min  
Delta R.T.: -0.001 min  
Response: 212031100  
Conc: 24.23 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
FB04262025



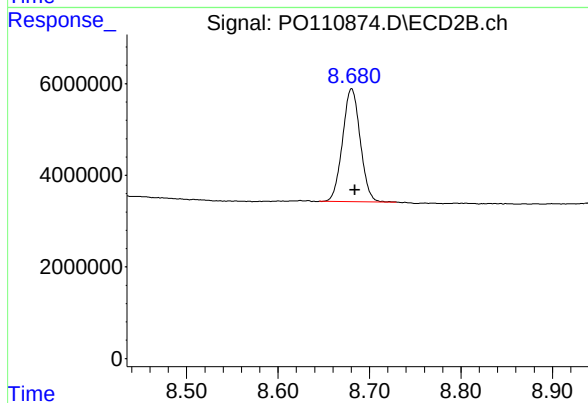
## #1 Tetrachloro-m-xylene

R.T.: 3.684 min  
Delta R.T.: -0.002 min  
Response: 106215092  
Conc: 21.29 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.728 min  
Delta R.T.: -0.004 min  
Response: 128232854  
Conc: 16.24 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.680 min  
Delta R.T.: -0.004 min  
Response: 33132538  
Conc: 17.21 ng/ml



## Report of Analysis

|                    |                              |                    |          |
|--------------------|------------------------------|--------------------|----------|
| Client:            | Portal Partners Tri-Venture  | Date Collected:    | 04/26/25 |
| Project:           | Amtrak Sawtooth Bridges 2025 | Date Received:     | 04/28/25 |
| Client Sample ID:  | B-170-SB02                   | SDG No.:           | Q1901    |
| Lab Sample ID:     | Q1901-05                     | Matrix:            | SOIL     |
| Analytical Method: | SW8082A                      | % Solid:           | 75.1     |
| Sample Wt/Vol:     | 30.04                        | Units:             | g        |
| Soil Aliquot Vol:  |                              |                    | uL       |
| Extraction Type:   |                              | Test:              | PCB      |
| GPC Factor :       | 1.0                          | PH :               |          |
| Prep Method :      | SW3541B                      | Injection Volume : |          |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PO110856.D        | 1         | 04/29/25 08:35 | 04/29/25 13:36 | PB167776      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|---------------------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |                     |            |                   |
| 12674-11-2        | Aroclor-1016         | 5.30  | U         | 5.30                | 22.6       | ug/kg             |
| 11104-28-2        | Aroclor-1221         | 5.40  | U         | 5.40                | 22.6       | ug/kg             |
| 11141-16-5        | Aroclor-1232         | 4.90  | U         | 4.90                | 22.6       | ug/kg             |
| 53469-21-9        | Aroclor-1242         | 5.30  | U         | 5.30                | 22.6       | ug/kg             |
| 12672-29-6        | Aroclor-1248         | 7.90  | U         | 7.90                | 22.6       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 4.30  | U         | 4.30                | 22.6       | ug/kg             |
| 37324-23-5        | Aroclor-1262         | 6.70  | U         | 6.70                | 22.6       | ug/kg             |
| 11100-14-4        | Aroclor-1268         | 4.80  | U         | 4.80                | 22.6       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 4.30  | U         | 4.30                | 22.6       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |                     |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 24.6  |           | 30 (32) - 150 (144) | 123%       | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 21.0  |           | 30 (32) - 150 (175) | 105%       | SPK: 20           |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates &gt;25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0042925\  
 Data File : PO110856.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Apr 2025 13:36  
 Operator : YP/AJ  
 Sample : Q1904-01  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 B-170-SB02

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 30 02:24:45 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0041025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Apr 11 02:12:41 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-------|-------|---------|----------|--------|--------|
| -----                       |       |       |         |          |        |        |
| System Monitoring Compounds |       |       |         |          |        |        |
| 1) SA Tetrachlo...          | 3.685 | 3.682 | 215.1E6 | 111.2E6  | 24.590 | 22.280 |
| 2) SA Decachlor...          | 8.726 | 8.678 | 165.0E6 | 40407910 | 20.895 | 20.991 |

Target Compounds

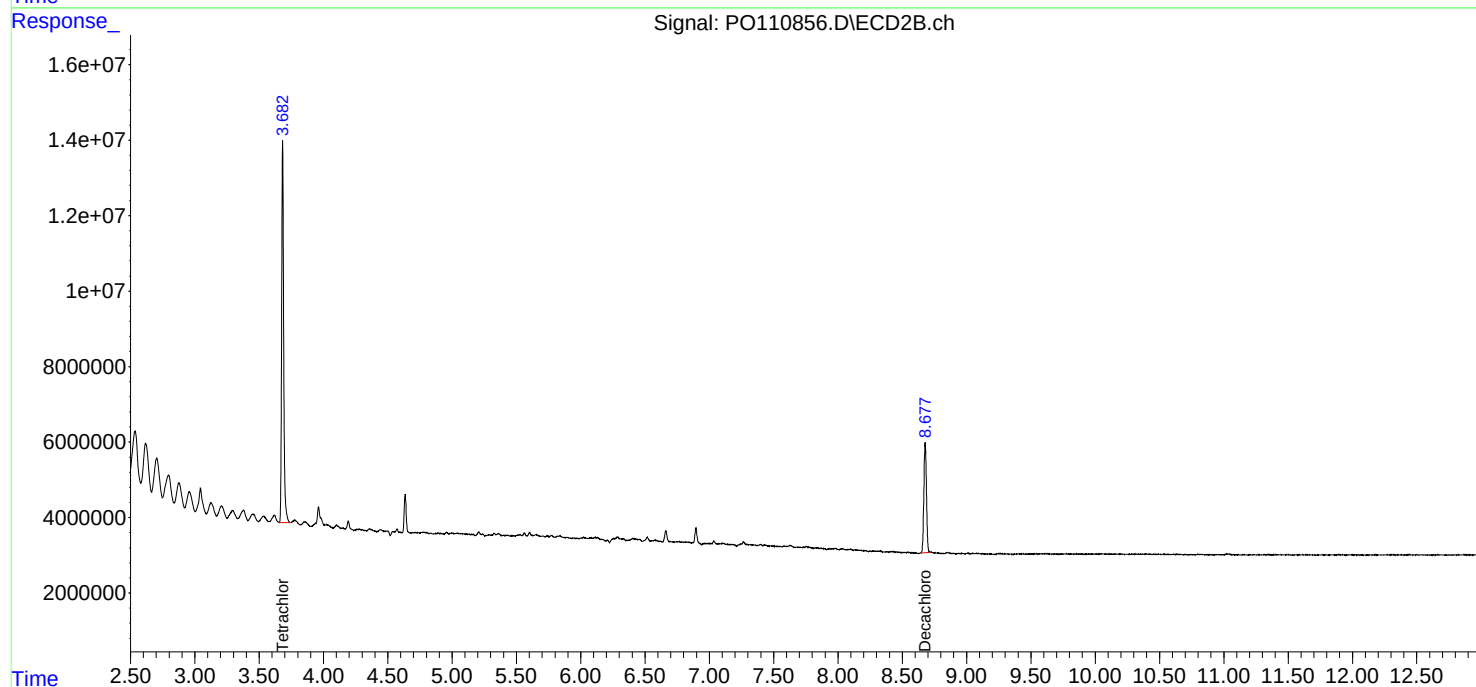
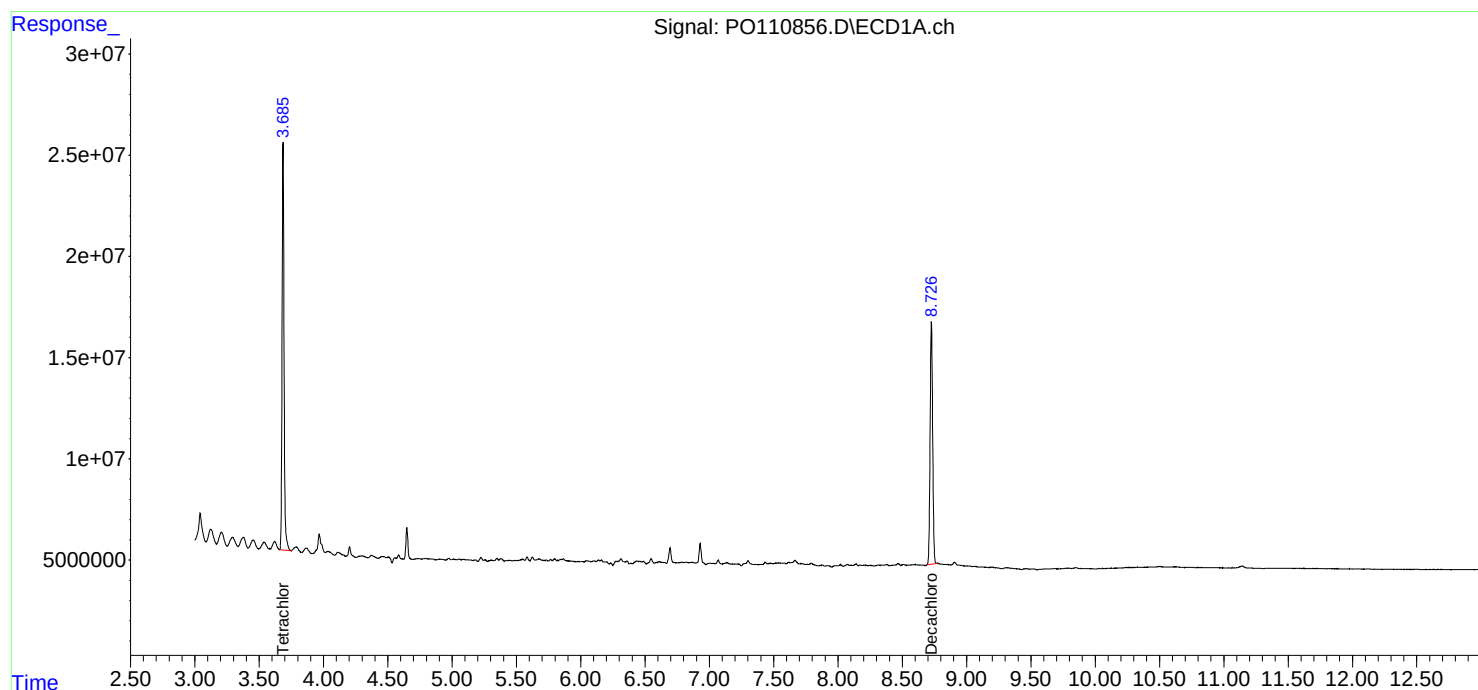
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

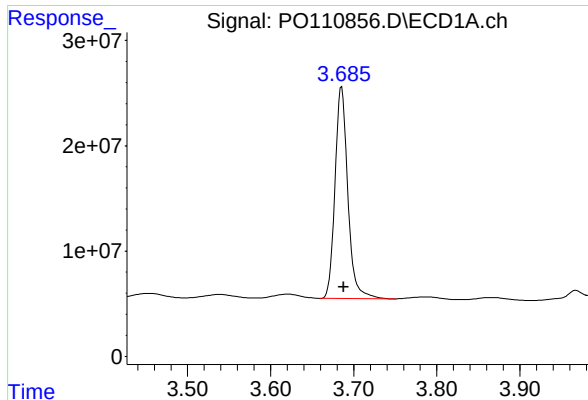
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO042925\  
Data File : PO110856.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Apr 2025 13:36  
Operator : YP/AJ  
Sample : Q1904-01  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
B-170-SB02

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 30 02:24:45 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO041025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Apr 11 02:12:41 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

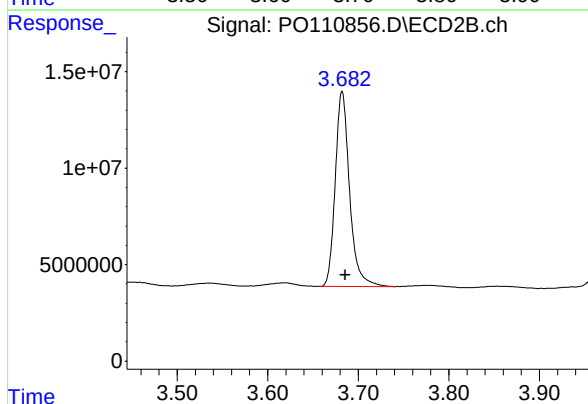




## #1 Tetrachloro-m-xylene

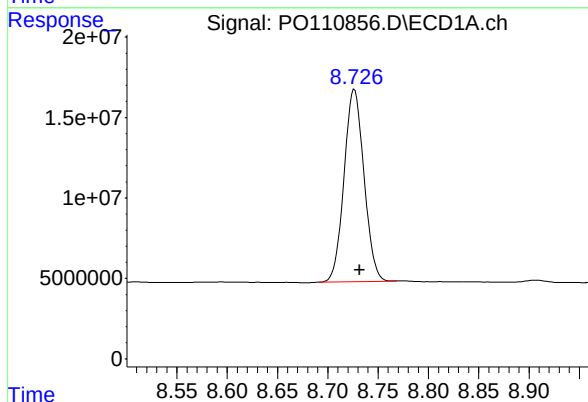
R.T.: 3.685 min  
Delta R.T.: -0.003 min  
Response: 215137538  
Conc: 24.59 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
B-170-SB02



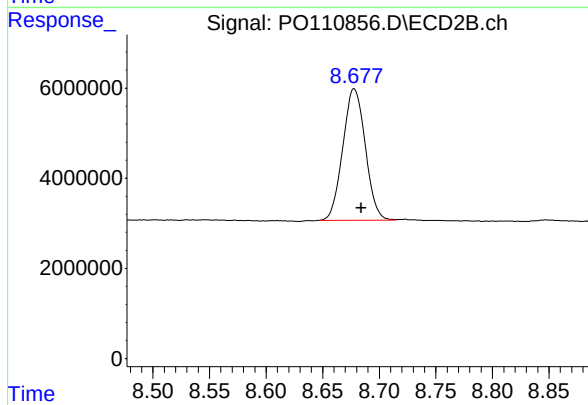
## #1 Tetrachloro-m-xylene

R.T.: 3.682 min  
Delta R.T.: -0.004 min  
Response: 111172147  
Conc: 22.28 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.726 min  
Delta R.T.: -0.005 min  
Response: 164968971  
Conc: 20.90 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.678 min  
Delta R.T.: -0.006 min  
Response: 40407910  
Conc: 20.99 ng/ml



# CALIBRATION SUMMARY

### RETENTION TIMES OF INITIAL CALIBRATION

|                |               |                      |              |                   |                   |          |              |
|----------------|---------------|----------------------|--------------|-------------------|-------------------|----------|--------------|
| Contract:      | <u>PORT06</u> |                      |              |                   |                   |          |              |
| Lab Code:      | <u>CHEM</u>   | Case No.:            | <u>Q1901</u> | SAS No.:          | <u>Q1901</u>      | SDG NO.: | <u>Q1901</u> |
| Instrument ID: | <u>ECD_O</u>  | Calibration Date(s): |              | <u>04/10/2025</u> | <u>04/10/2025</u> |          |              |
|                |               | Calibration Times:   |              | <u>09:36</u>      | <u>17:52</u>      |          |              |

GC Column: ZB-MR1 ID: 0.32 (mm)

|              |            |                   |            |                   |            |
|--------------|------------|-------------------|------------|-------------------|------------|
| LAB FILE ID: | RT 1000 =  | <u>PO110349.D</u> | RT 750 =   | <u>PO110350.D</u> |            |
| RT 500 =     | PO110351.D | RT 250 =          | PO110352.D | RT 050 =          | PO110353.D |

[illegible]

[illegible]

GC Column: ZB-MR2 ID: 0.32 (mm)

[illegible]



**RETENTION TIMES OF INITIAL CALIBRATION**

|                      |      |      |      |      |      |      |      |      |
|----------------------|------|------|------|------|------|------|------|------|
| Decachlorobiphenyl   | 8.68 | 8.68 | 8.68 | 8.68 | 8.68 | 8.68 | 8.58 | 8.78 |
| Tetrachloro-m-xylene | 3.68 | 3.68 | 3.69 | 3.69 | 3.68 | 3.68 | 3.58 | 3.78 |

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

**Contract:** PORT06  
**Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901 **SDG NO.:** Q1901  
**Instrument ID:** ECD\_O  
**Calibration Date(s):** 04/10/2025 04/10/2025  
**Calibration Times:** 09:36 17:52

**GC Column:** ZB-MR1 **ID:** 0.32 (mm)

| LAB FILE ID:               |     | CF 1000 = <u>PO110349.D</u> |            | CF 750 = <u>PO110350.D</u> |            |            |              |
|----------------------------|-----|-----------------------------|------------|----------------------------|------------|------------|--------------|
| CF 500 = <u>PO110351.D</u> |     | CF 250 = <u>PO110352.D</u>  |            | CF 050 = <u>PO110353.D</u> |            |            |              |
| COMPOUND                   |     | CF 1000                     | CF 750     | CF 500                     | CF 250     | CF 050     | % RSD        |
| Aroclor-1016-1             | (1) | 301539199                   | 312147691  | 325366094                  | 341425388  | 360239300  | 328143534 7  |
| Aroclor-1016-2             | (2) | 424202495                   | 441346851  | 452587054                  | 472466840  | 484138100  | 454948268 5  |
| Aroclor-1016-3             | (3) | 286857785                   | 300177247  | 315792572                  | 336640016  | 373170260  | 322527576 10 |
| Aroclor-1016-4             | (4) | 227624644                   | 238137328  | 247842320                  | 261218376  | 270999820  | 249164498 7  |
| Aroclor-1016-5             | (5) | 238190199                   | 250655776  | 262830422                  | 281583724  | 311798080  | 269011640 11 |
| Aroclor-1260-1             | (1) | 429982139                   | 447081743  | 462005040                  | 490865312  | 532292280  | 472445303 9  |
| Aroclor-1260-2             | (2) | 524274151                   | 548276752  | 560001580                  | 596374412  | 703195060  | 586424391 12 |
| Aroclor-1260-3             | (3) | 446012749                   | 466468717  | 482076654                  | 511871688  | 557932460  | 492872454 9  |
| Aroclor-1260-4             | (4) | 382143422                   | 400404183  | 417623168                  | 445374396  | 476569960  | 424423026 9  |
| Aroclor-1260-5             | (5) | 1002895230                  | 1031868237 | 1046125762                 | 1065122080 | 1071346720 | 1043471606 3 |
| Decachlorobiphenyl         |     | 7251274760                  | 7526590267 | 7768647820                 | 8211713920 | 8716546400 | 7894954633 7 |
| Tetrachloro-m-xylene       |     | 8603197440                  | 8796106920 | 8951138380                 | 8737007280 | 8657843200 | 8749058644 2 |
| Aroclor-1242-1             | (1) | 251425090                   | 265265637  | 280796652                  | 297523620  | 292655800  | 277533360 7  |
| Aroclor-1242-2             | (2) | 357466275                   | 381332853  | 387813836                  | 403164036  | 399090640  | 385773528 5  |
| Aroclor-1242-3             | (3) | 243771373                   | 289655151  | 275873660                  | 292357392  | 289351880  | 278201891 7  |
| Aroclor-1242-4             | (4) | 192501706                   | 205352244  | 214136342                  | 225398444  | 219447980  | 211367343 6  |
| Aroclor-1242-5             | (5) | 201519138                   | 214789603  | 225760330                  | 239210520  | 250688060  | 226393530 9  |
| Decachlorobiphenyl         |     | 7236681930                  | 7570895773 | 7844756000                 | 8188613360 | 8340739400 | 7836337293 6 |
| Tetrachloro-m-xylene       |     | 8271521710                  | 8776052907 | 8899890520                 | 8994445160 | 8028934800 | 8594169019 5 |
| Aroclor-1248-1             | (1) | 197377890                   | 205758444  | 217881170                  | 227760364  | 215403640  | 212836302 5  |
| Aroclor-1248-2             | (2) | 269669918                   | 281050744  | 300223294                  | 312748708  | 315932500  | 295925033 7  |
| Aroclor-1248-3             | (3) | 336662132                   | 352073889  | 372312126                  | 402058472  | 386700500  | 369961424 7  |
| Aroclor-1248-4             | (4) | 480139637                   | 497256893  | 523877470                  | 552564648  | 546315400  | 520030810 6  |
| Aroclor-1248-5             | (5) | 340550967                   | 353429060  | 372487386                  | 395512156  | 385149340  | 369425782 6  |
| Decachlorobiphenyl         |     | 7423367890                  | 7666646707 | 8031765140                 | 8382357480 | 8221484000 | 7945124243 5 |
| Tetrachloro-m-xylene       |     | 8572177400                  | 8675092440 | 8959183240                 | 8875828960 | 7878695600 | 8592195528 5 |
| Aroclor-1254-1             | (1) | 517202507                   | 536393799  | 555537214                  | 581626948  | 599185020  | 557989098 6  |
| Aroclor-1254-2             | (2) | 450798901                   | 468206104  | 477861830                  | 506770124  | 524875880  | 485702568 6  |
| Aroclor-1254-3             | (3) | 746169545                   | 769125461  | 779743060                  | 811121676  | 809948840  | 783221716 4  |
| Aroclor-1254-4             | (4) | 460149954                   | 473941677  | 490156778                  | 505394424  | 508383480  | 487605263 4  |
| Aroclor-1254-5             | (5) | 657635451                   | 678198725  | 698380664                  | 724566284  | 745718260  | 700899877 5  |
| Decachlorobiphenyl         |     | 7612990370                  | 7886723680 | 8142983840                 | 8479059160 | 8719027400 | 8168156890 5 |
| Tetrachloro-m-xylene       |     | 8665092200                  | 8825966600 | 8709112240                 | 8974669960 | 8357494600 | 8706467120 3 |
| Aroclor-1268-1             | (1) | 1383597022                  | 1397247867 | 1409112634                 | 1454718672 | 1376171500 | 1404169539 2 |



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
Fax : 908 789 8922

#### CALIBRATION FACTOR OF INITIAL CALIBRATION

|                      |     |             |             |             |             |             |             |   |
|----------------------|-----|-------------|-------------|-------------|-------------|-------------|-------------|---|
| Aroclor-1268-2       | (2) | 1284666762  | 1297280443  | 1294427176  | 1315942372  | 1206403380  | 1279744027  | 3 |
| Aroclor-1268-3       | (3) | 1040477449  | 1046596769  | 1051327350  | 1081872512  | 994526740   | 1042960164  | 3 |
| Aroclor-1268-4       | (4) | 443191011   | 422978037   | 441841820   | 472590652   | 440184600   | 444157224   | 4 |
| Aroclor-1268-5       | (5) | 3289098269  | 3287076648  | 3286110800  | 3299829260  | 2937018240  | 3219826643  | 5 |
| Decachlorobiphenyl   |     | 14008782040 | 14232407573 | 14386243640 | 14978905640 | 14264840400 | 14374235859 | 3 |
| Tetrachloro-m-xylene |     | 8842756020  | 8685831240  | 8461342580  | 8927106240  | 7893566400  | 8562120496  | 5 |

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

**Contract:** PORT06  
**Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901 **SDG NO.:** Q1901  
**Instrument ID:** ECD\_O  
**Calibration Date(s):** 04/10/2025 04/10/2025  
**Calibration Times:** 09:36 17:52

**GC Column:** ZB-MR2 **ID:** 0.32 (mm)

| LAB FILE ID:               |     | CF 1000 = <u>PO110349.D</u> |            | CF 750 = <u>PO110350.D</u> |            |            |            |
|----------------------------|-----|-----------------------------|------------|----------------------------|------------|------------|------------|
| CF 500 = <u>PO110351.D</u> |     | CF 250 = <u>PO110352.D</u>  |            | CF 050 = <u>PO110353.D</u> |            |            |            |
| COMPOUND                   |     | CF 1000                     | CF 750     | CF 500                     | CF 250     | CF 050     | % RSD      |
| Aroclor-1016-1             | (1) | 159213491                   | 166153001  | 173161426                  | 184455932  | 194563640  | 175509498  |
| Aroclor-1016-2             | (2) | 235577328                   | 244073360  | 249915638                  | 259769828  | 267988640  | 251464959  |
| Aroclor-1016-3             | (3) | 123754519                   | 129314112  | 134837594                  | 142342816  | 148305560  | 135710920  |
| Aroclor-1016-4             | (4) | 100154968                   | 106815488  | 112688448                  | 121621132  | 130559280  | 114367863  |
| Aroclor-1016-5             | (5) | 131736277                   | 138471012  | 145266388                  | 155239544  | 174656140  | 149073872  |
| Aroclor-1260-1             | (1) | 221282381                   | 231306280  | 240804372                  | 256804492  | 279620260  | 245963557  |
| Aroclor-1260-2             | (2) | 260045501                   | 271771868  | 281572488                  | 298549944  | 346814040  | 291750768  |
| Aroclor-1260-3             | (3) | 243412958                   | 253822376  | 261595986                  | 277903536  | 317685740  | 270884119  |
| Aroclor-1260-4             | (4) | 177247956                   | 186943988  | 195746612                  | 210913364  | 232348220  | 200640028  |
| Aroclor-1260-5             | (5) | 430279301                   | 445092429  | 452357666                  | 469475868  | 497083160  | 458857685  |
| Decachlorobiphenyl         |     | 1704536950                  | 1791384040 | 1872045360                 | 2025627840 | 2231357400 | 1924990318 |
| Tetrachloro-m-xylene       |     | 4868987290                  | 4975470093 | 5049711440                 | 5093085920 | 4961663200 | 4989783589 |
| Aroclor-1242-1             | (1) | 135406625                   | 142863792  | 148969750                  | 157870364  | 162402140  | 149502534  |
| Aroclor-1242-2             | (2) | 196039746                   | 208415869  | 214437698                  | 224916372  | 223006160  | 213363169  |
| Aroclor-1242-3             | (3) | 104255216                   | 111360831  | 115893042                  | 122823476  | 123579060  | 115582325  |
| Aroclor-1242-4             | (4) | 104208953                   | 112717296  | 118822658                  | 128761036  | 135986400  | 120099269  |
| Aroclor-1242-5             | (5) | 127551049                   | 136157379  | 142405808                  | 154240196  | 165129880  | 145096862  |
| Decachlorobiphenyl         |     | 1618576700                  | 1765984867 | 1877839140                 | 2017748840 | 2043806200 | 1864791149 |
| Tetrachloro-m-xylene       |     | 4668026020                  | 4940087107 | 5018557540                 | 5112714200 | 4785540800 | 4904985133 |
| Aroclor-1248-1             | (1) | 105821161                   | 111030904  | 117101186                  | 122057144  | 119649440  | 115131967  |
| Aroclor-1248-2             | (2) | 147033899                   | 153433108  | 164488546                  | 172099504  | 177357920  | 162882595  |
| Aroclor-1248-3             | (3) | 157542784                   | 164259717  | 175853068                  | 186850756  | 194774160  | 175856097  |
| Aroclor-1248-4             | (4) | 185573916                   | 192640824  | 204179344                  | 219437840  | 216561660  | 203678717  |
| Aroclor-1248-5             | (5) | 181941821                   | 187320336  | 197908182                  | 210306260  | 209502440  | 197395808  |
| Decachlorobiphenyl         |     | 1708281780                  | 1752376693 | 1900332500                 | 2015603280 | 2024700800 | 1880259011 |
| Tetrachloro-m-xylene       |     | 4827908270                  | 4873975707 | 5038663740                 | 4997540000 | 4437882400 | 4835194023 |
| Aroclor-1254-1             | (1) | 275528987                   | 285381728  | 296386294                  | 310788612  | 339409960  | 301499116  |
| Aroclor-1254-2             | (2) | 239912515                   | 249193828  | 258146844                  | 274680708  | 301492780  | 264685335  |
| Aroclor-1254-3             | (3) | 379979735                   | 392440955  | 403528434                  | 417422392  | 423708940  | 403416091  |
| Aroclor-1254-4             | (4) | 215870098                   | 222432417  | 229245508                  | 238627400  | 242389020  | 229712889  |
| Aroclor-1254-5             | (5) | 307722172                   | 319481015  | 330728230                  | 346867608  | 356659680  | 332291741  |
| Decachlorobiphenyl         |     | 1672742580                  | 1794748347 | 1901326780                 | 2085791440 | 2132484800 | 1917418789 |
| Tetrachloro-m-xylene       |     | 4865625930                  | 4959437227 | 4872791400                 | 5058078960 | 4761547200 | 4903496143 |
| Aroclor-1268-1             | (1) | 525182929                   | 538928599  | 545888608                  | 568124632  | 560585780  | 547742110  |



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
Fax : 908 789 8922

#### CALIBRATION FACTOR OF INITIAL CALIBRATION

|                      |     |            |            |            |            |            |            |   |
|----------------------|-----|------------|------------|------------|------------|------------|------------|---|
| Aroclor-1268-2       | (2) | 480641047  | 490576048  | 498020244  | 516699400  | 501511240  | 497489596  | 3 |
| Aroclor-1268-3       | (3) | 351934435  | 362716216  | 370714832  | 389280160  | 383206160  | 371570361  | 4 |
| Aroclor-1268-4       | (4) | 132381746  | 136088747  | 141172922  | 152568336  | 143480180  | 141138386  | 5 |
| Aroclor-1268-5       | (5) | 751733306  | 775563612  | 792246668  | 813875020  | 802618900  | 787207501  | 3 |
| Decachlorobiphenyl   |     | 3018392240 | 3167067147 | 3278510040 | 3500677320 | 3503309000 | 3293591149 | 6 |
| Tetrachloro-m-xylene |     | 4973805090 | 4889835600 | 4772598500 | 5033958160 | 4487276800 | 4831494830 | 4 |



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
Fax : 908 789 8922

### INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: PORT06

Lab Code: CHEM Case No.: Q1901 SAS No.: Q1901 SDG NO.: Q1901

Instrument ID: ECD\_O Date(s) Analyzed: 04/10/2025 04/10/2025

GC Column: ZB-MR1 ID: 0.32 (mm)

| COMPOUND     | AMOUNT<br>(ng) | PEAK | RT   | RT WINDOW |      | CALIBRATION<br>FACTOR |
|--------------|----------------|------|------|-----------|------|-----------------------|
|              |                |      |      | FROM      | TO   |                       |
| Aroclor-1221 | 500            | 1    | 3.90 | 3.80      | 4.00 | 118035000             |
|              |                | 2    | 3.99 | 3.89      | 4.09 | 88343600              |
|              |                | 3    | 4.06 | 3.96      | 4.16 | 263124000             |
|              |                | 4    | 0.00 |           |      | 0                     |
|              |                | 5    | 0.00 |           |      | 0                     |
| Aroclor-1232 | 500            | 1    | 4.06 | 3.96      | 4.16 | 204824000             |
|              |                | 2    | 4.56 | 4.46      | 4.66 | 106709000             |
|              |                | 3    | 4.80 | 4.70      | 4.90 | 199781000             |
|              |                | 4    | 4.98 | 4.88      | 5.08 | 102298000             |
|              |                | 5    | 5.02 | 4.92      | 5.12 | 68902400              |
| Aroclor-1262 | 500            | 1    | 6.83 | 6.73      | 6.93 | 701458000             |
|              |                | 2    | 7.33 | 7.23      | 7.43 | 1207740000            |
|              |                | 3    | 7.62 | 7.52      | 7.72 | 509104000             |
|              |                | 4    | 7.68 | 7.58      | 7.78 | 896274000             |
|              |                | 5    | 8.18 | 8.08      | 8.28 | 402994000             |



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
Fax : 908 789 8922

### INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: PORT06

Lab Code: CHEM Case No.: Q1901 SAS No.: Q1901 SDG NO.: Q1901

Instrument ID: ECD\_O Date(s) Analyzed: 04/10/2025 04/10/2025

GC Column: ZB-MR2 ID: 0.32 (mm)

| COMPOUND     | AMOUNT<br>(ng) | PEAK | RT   | RT WINDOW |      | CALIBRATION<br>FACTOR |
|--------------|----------------|------|------|-----------|------|-----------------------|
|              |                |      |      | FROM      | TO   |                       |
| Aroclor-1221 | 500            | 1    | 3.90 | 3.80      | 4.00 | 66772400              |
|              |                | 2    | 3.98 | 3.88      | 4.08 | 50096200              |
|              |                | 3    | 4.06 | 3.96      | 4.16 | 149170000             |
|              |                | 4    | 0.00 |           |      | 0                     |
|              |                | 5    | 0.00 |           |      | 0                     |
| Aroclor-1232 | 500            | 1    | 4.06 | 3.96      | 4.16 | 115024000             |
|              |                | 2    | 4.78 | 4.68      | 4.88 | 110868000             |
|              |                | 3    | 4.96 | 4.86      | 5.06 | 57203200              |
|              |                | 4    | 5.04 | 4.94      | 5.14 | 53953400              |
|              |                | 5    | 5.21 | 5.11      | 5.31 | 57135800              |
| Aroclor-1262 | 500            | 1    | 6.80 | 6.70      | 6.90 | 329340000             |
|              |                | 2    | 7.30 | 7.20      | 7.40 | 508458000             |
|              |                | 3    | 7.58 | 7.48      | 7.68 | 193630000             |
|              |                | 4    | 7.64 | 7.54      | 7.74 | 347054000             |
|              |                | 5    | 8.14 | 8.04      | 8.24 | 124595000             |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0041025\  
 Data File : P0110349.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Apr 2025 09:36  
 Operator : YP/AJ  
 Sample : AR1660ICC1000  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1660ICC1000

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 10 10:56:33 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0041025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Apr 10 10:56:01 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2  | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|---------|---------|---------|
| -----                       |       |       |          |         |         |         |
| System Monitoring Compounds |       |       |          |         |         |         |
| 1) SA Tetrachlo...          | 3.688 | 3.685 | 860.3E6  | 486.9E6 | 98.018  | 98.178  |
| 2) SA Decachlor...          | 8.732 | 8.685 | 725.1E6  | 170.5E6 | 96.555  | 95.317  |
| Target Compounds            |       |       |          |         |         |         |
| 3) L1 AR-1016-1             | 4.779 | 4.765 | 301.5E6  | 159.2E6 | 961.993 | 958.036 |
| 4) L1 AR-1016-2             | 4.798 | 4.784 | 424.2E6  | 235.6E6 | 967.627 | 970.466 |
| 5) L1 AR-1016-3             | 4.855 | 4.960 | 286.9E6  | 123.8E6 | 951.987 | 957.141 |
| 6) L1 AR-1016-4             | 4.975 | 5.002 | 227.6E6  | 100.2E6 | 957.478 | 941.114 |
| 7) L1 AR-1016-5             | 5.232 | 5.215 | 238.2E6  | 131.7E6 | 950.820 | 951.155 |
| 31) L7 AR-1260-1            | 6.272 | 6.246 | 430.0E6  | 221.3E6 | 964.099 | 957.753 |
| 32) L7 AR-1260-2            | 6.461 | 6.434 | 524.3E6  | 260.0E6 | 967.049 | 960.254 |
| 33) L7 AR-1260-3            | 6.828 | 6.586 | 446.0E6  | 243.4E6 | 961.142 | 963.995 |
| 34) L7 AR-1260-4            | 7.089 | 7.058 | 382.1E6  | 177.2E6 | 955.637 | 950.405 |
| 35) L7 AR-1260-5            | 7.330 | 7.299 | 1002.9E6 | 430.3E6 | 978.902 | 974.986 |
| -----                       |       |       |          |         |         |         |

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

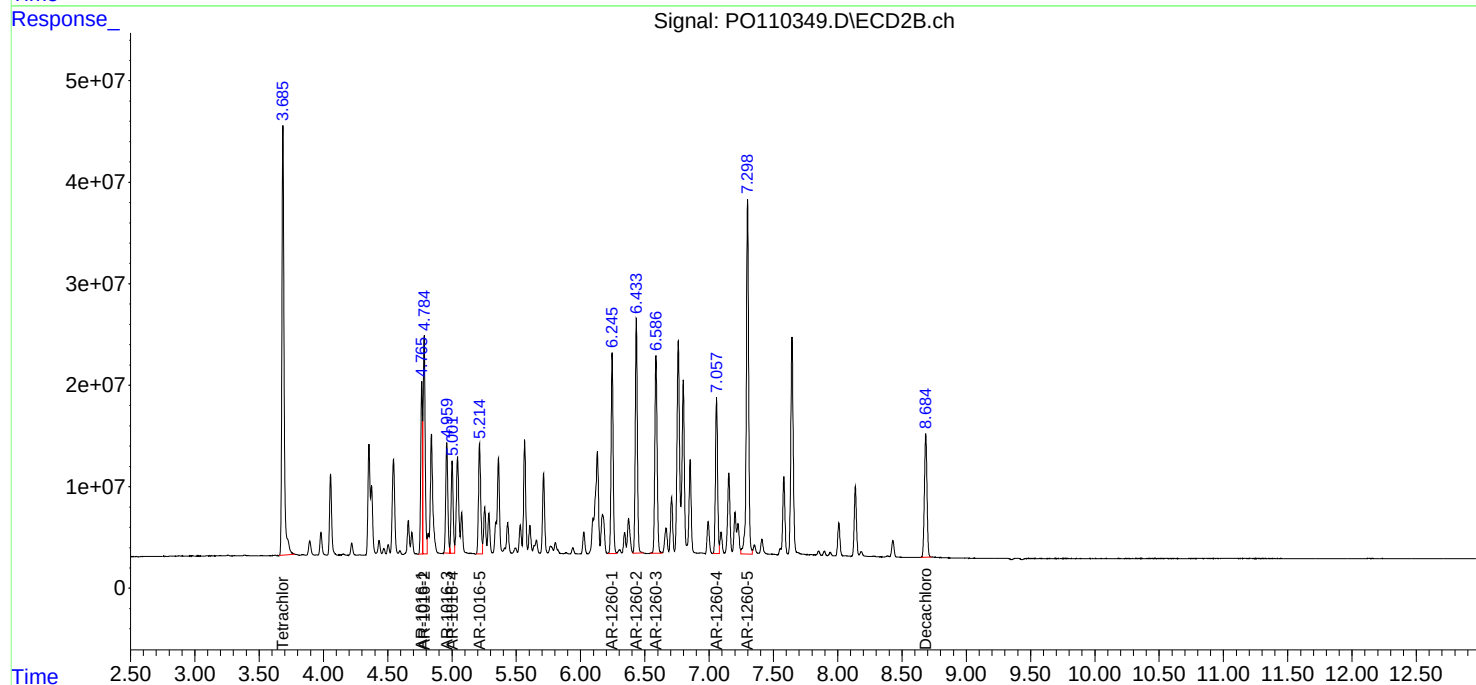
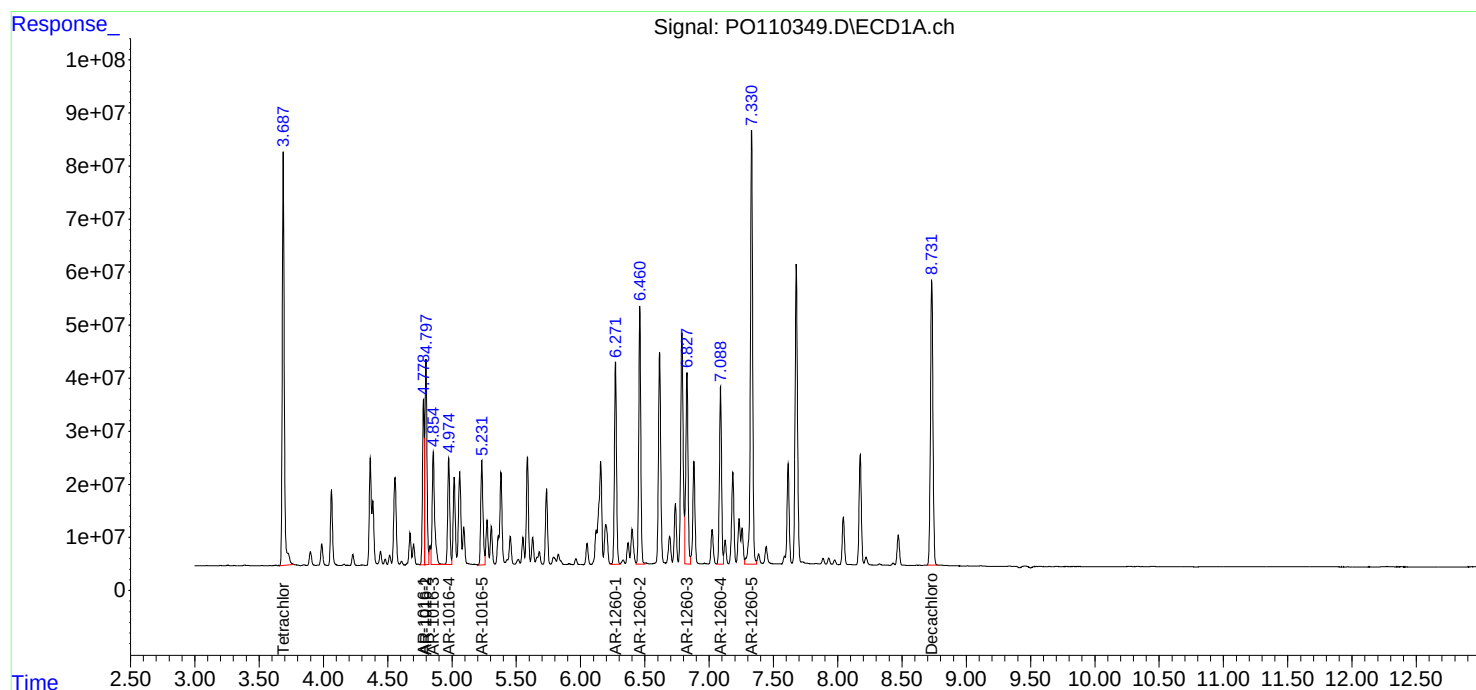


Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO041025\  
Data File : PO110349.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Apr 2025 09:36  
Operator : YP/AJ  
Sample : AR1660ICC1000  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660ICC1000

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 10 10:56:33 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO041025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Apr 10 10:56:01 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0041025\  
 Data File : P0110350.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Apr 2025 09:54  
 Operator : YP/AJ  
 Sample : AR1660ICC750  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1660ICC750

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 10 10:59:01 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0041025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Apr 10 10:56:01 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|---------|----------|---------|---------|
| -----                       |       |       |         |          |         |         |
| System Monitoring Compounds |       |       |         |          |         |         |
| 1) SA Tetrachlo...          | 3.688 | 3.685 | 659.7E6 | 373.2E6  | 75.108  | 75.162  |
| 2) SA Decachlor...          | 8.733 | 8.685 | 564.5E6 | 134.4E6  | 75.111  | 75.086  |
| Target Compounds            |       |       |         |          |         |         |
| 3) L1 AR-1016-1             | 4.779 | 4.765 | 234.1E6 | 124.6E6  | 747.916 | 749.896 |
| 4) L1 AR-1016-2             | 4.799 | 4.785 | 331.0E6 | 183.1E6  | 753.359 | 752.728 |
| 5) L1 AR-1016-3             | 4.855 | 4.960 | 225.1E6 | 96985584 | 748.093 | 750.070 |
| 6) L1 AR-1016-4             | 4.975 | 5.002 | 178.6E6 | 80111616 | 750.849 | 751.848 |
| 7) L1 AR-1016-5             | 5.233 | 5.215 | 188.0E6 | 103.9E6  | 750.290 | 749.891 |
| 31) L7 AR-1260-1            | 6.273 | 6.246 | 335.3E6 | 173.5E6  | 751.219 | 750.569 |
| 32) L7 AR-1260-2            | 6.462 | 6.434 | 411.2E6 | 203.8E6  | 755.640 | 751.776 |
| 33) L7 AR-1260-3            | 6.829 | 6.586 | 349.9E6 | 190.4E6  | 752.607 | 752.605 |
| 34) L7 AR-1260-4            | 7.090 | 7.058 | 300.3E6 | 140.2E6  | 750.651 | 751.197 |
| 35) L7 AR-1260-5            | 7.331 | 7.298 | 773.9E6 | 333.8E6  | 753.582 | 754.264 |
| -----                       |       |       |         |          |         |         |

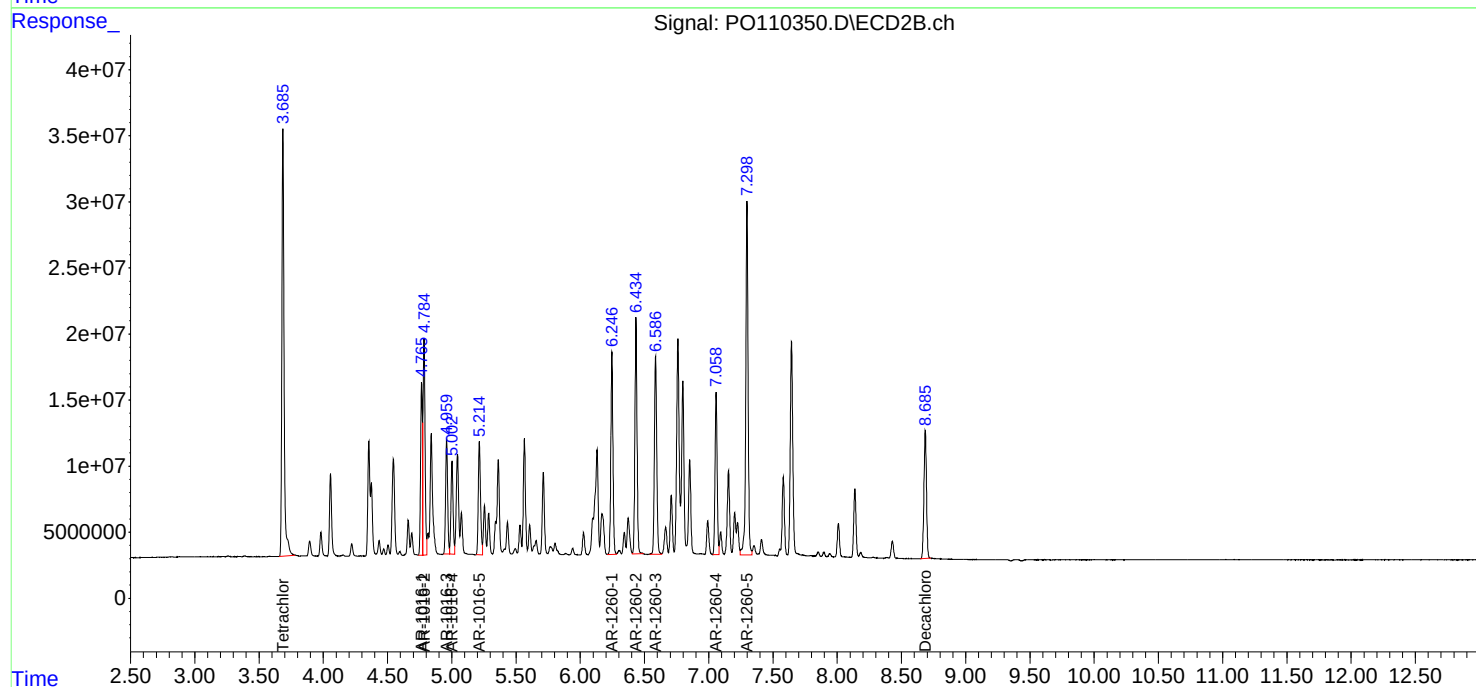
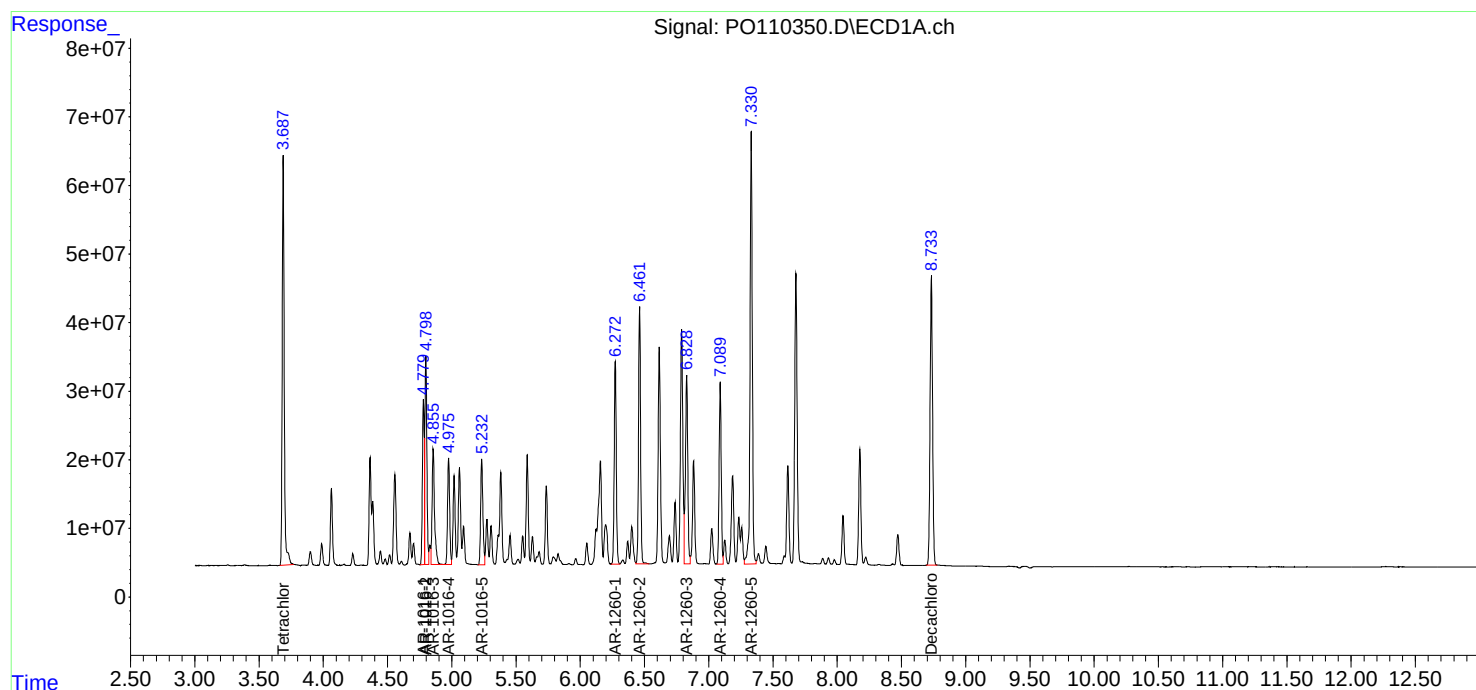
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO041025\  
Data File : PO110350.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Apr 2025 09:54  
Operator : YP/AJ  
Sample : AR1660ICC750  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660ICC750

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 10 10:59:01 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO041025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Apr 10 10:56:01 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0041025\  
 Data File : P0110351.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Apr 2025 10:13  
 Operator : YP/AJ  
 Sample : AR1660ICC500  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1660ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 10 10:53:04 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0041025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Apr 10 10:52:45 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|---------|----------|---------|---------|
| -----                       |       |       |         |          |         |         |
| System Monitoring Compounds |       |       |         |          |         |         |
| 1) SA Tetrachlo...          | 3.688 | 3.686 | 447.6E6 | 252.5E6  | 50.000  | 50.000  |
| 2) SA Decachlor...          | 8.732 | 8.684 | 388.4E6 | 93602268 | 50.000  | 50.000  |
| Target Compounds            |       |       |         |          |         |         |
| 3) L1 AR-1016-1             | 4.779 | 4.766 | 162.7E6 | 86580713 | 500.000 | 500.000 |
| 4) L1 AR-1016-2             | 4.798 | 4.784 | 226.3E6 | 125.0E6  | 500.000 | 500.000 |
| 5) L1 AR-1016-3             | 4.855 | 4.960 | 157.9E6 | 67418797 | 500.000 | 500.000 |
| 6) L1 AR-1016-4             | 4.975 | 5.002 | 123.9E6 | 56344224 | 500.000 | 500.000 |
| 7) L1 AR-1016-5             | 5.232 | 5.215 | 131.4E6 | 72633194 | 500.000 | 500.000 |
| 31) L7 AR-1260-1            | 6.272 | 6.246 | 231.0E6 | 120.4E6  | 500.000 | 500.000 |
| 32) L7 AR-1260-2            | 6.460 | 6.434 | 280.0E6 | 140.8E6  | 500.000 | 500.000 |
| 33) L7 AR-1260-3            | 6.829 | 6.587 | 241.0E6 | 130.8E6  | 500.000 | 500.000 |
| 34) L7 AR-1260-4            | 7.088 | 7.057 | 208.8E6 | 97873306 | 500.000 | 500.000 |
| 35) L7 AR-1260-5            | 7.330 | 7.297 | 523.1E6 | 226.2E6  | 500.000 | 500.000 |
| -----                       |       |       |         |          |         |         |

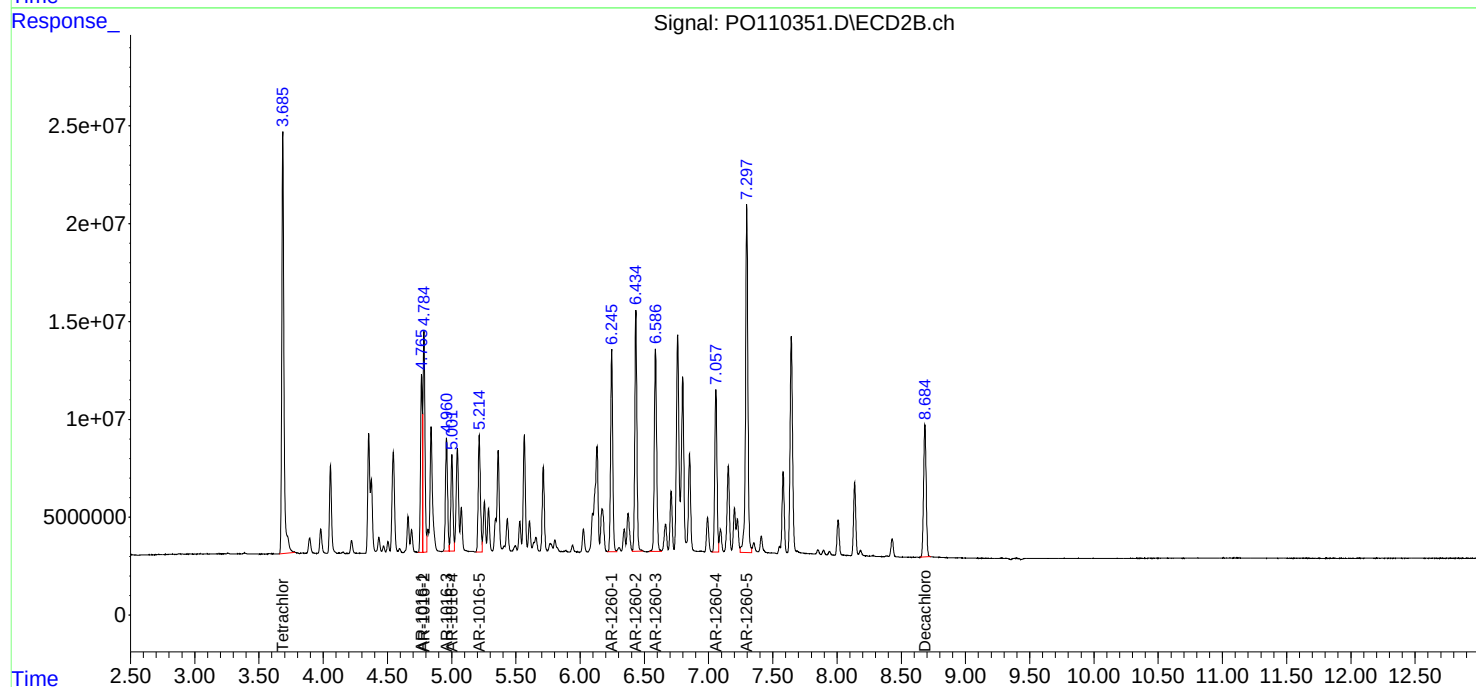
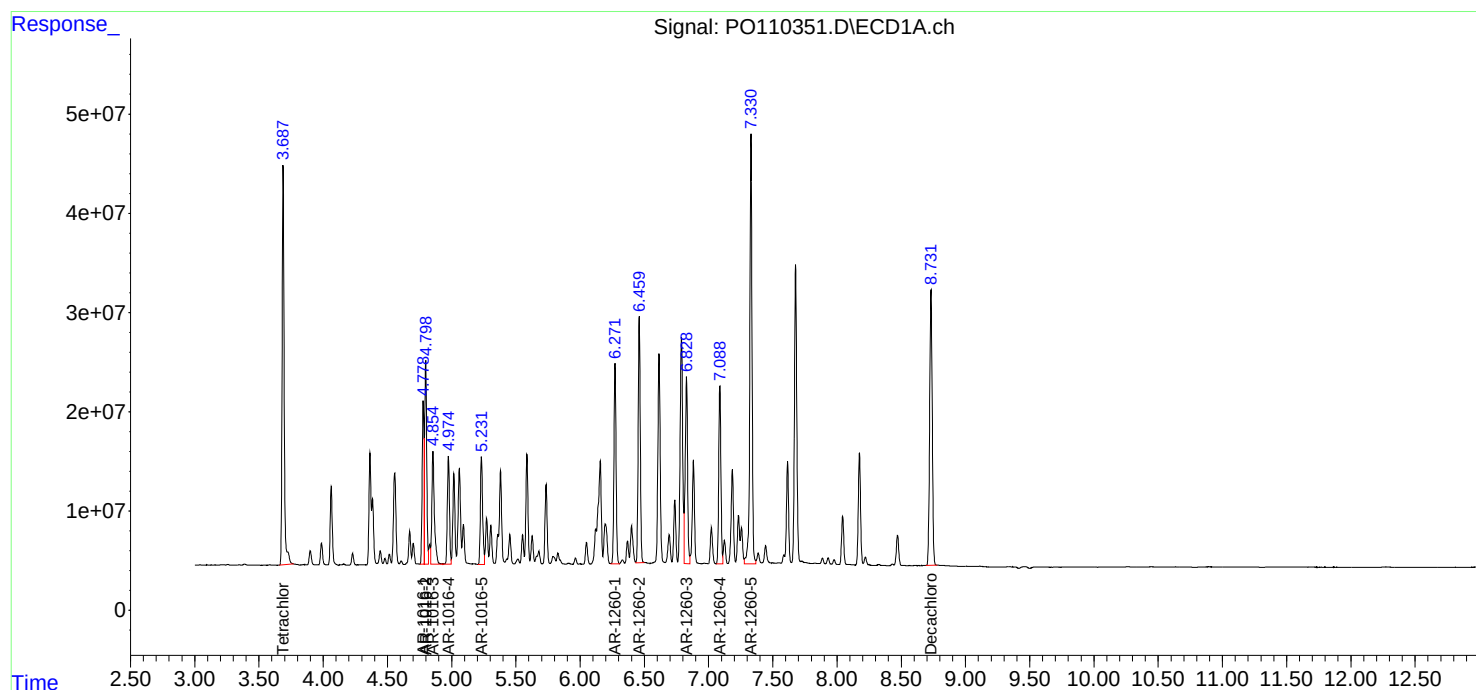
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO041025\  
Data File : PO110351.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Apr 2025 10:13  
Operator : YP/AJ  
Sample : AR1660ICC500  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 10 10:53:04 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO041025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Apr 10 10:52:45 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0041025\  
 Data File : P0110352.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Apr 2025 10:31  
 Operator : YP/AJ  
 Sample : AR1660ICC250  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1660ICC250

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 10 11:01:30 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0041025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Apr 10 10:56:01 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|----------|---------|---------|
| -----                       |       |       |          |          |         |         |
| System Monitoring Compounds |       |       |          |          |         |         |
| 1) SA Tetrachlo...          | 3.688 | 3.685 | 218.4E6  | 127.3E6  | 24.901  | 25.482  |
| 2) SA Decachlor...          | 8.734 | 8.683 | 205.3E6  | 50640696 | 26.698  | 27.397  |
| Target Compounds            |       |       |          |          |         |         |
| 3) L1 AR-1016-1             | 4.780 | 4.765 | 85356347 | 46113983 | 266.639 | 270.074 |
| 4) L1 AR-1016-2             | 4.798 | 4.784 | 118.1E6  | 64942457 | 263.859 | 262.570 |
| 5) L1 AR-1016-3             | 4.855 | 4.959 | 84160004 | 35585704 | 271.600 | 268.445 |
| 6) L1 AR-1016-4             | 4.975 | 5.002 | 65304594 | 30405283 | 267.965 | 275.610 |
| 7) L1 AR-1016-5             | 5.232 | 5.214 | 70395931 | 38809886 | 272.520 | 272.010 |
| 31) L7 AR-1260-1            | 6.272 | 6.245 | 122.7E6  | 64201123 | 268.242 | 270.264 |
| 32) L7 AR-1260-2            | 6.461 | 6.433 | 149.1E6  | 74637486 | 267.561 | 268.495 |
| 33) L7 AR-1260-3            | 6.828 | 6.586 | 128.0E6  | 69475884 | 268.498 | 268.057 |
| 34) L7 AR-1260-4            | 7.089 | 7.057 | 111.3E6  | 52728341 | 270.655 | 273.611 |
| 35) L7 AR-1260-5            | 7.331 | 7.297 | 266.3E6  | 117.4E6  | 256.903 | 261.226 |
| -----                       |       |       |          |          |         |         |

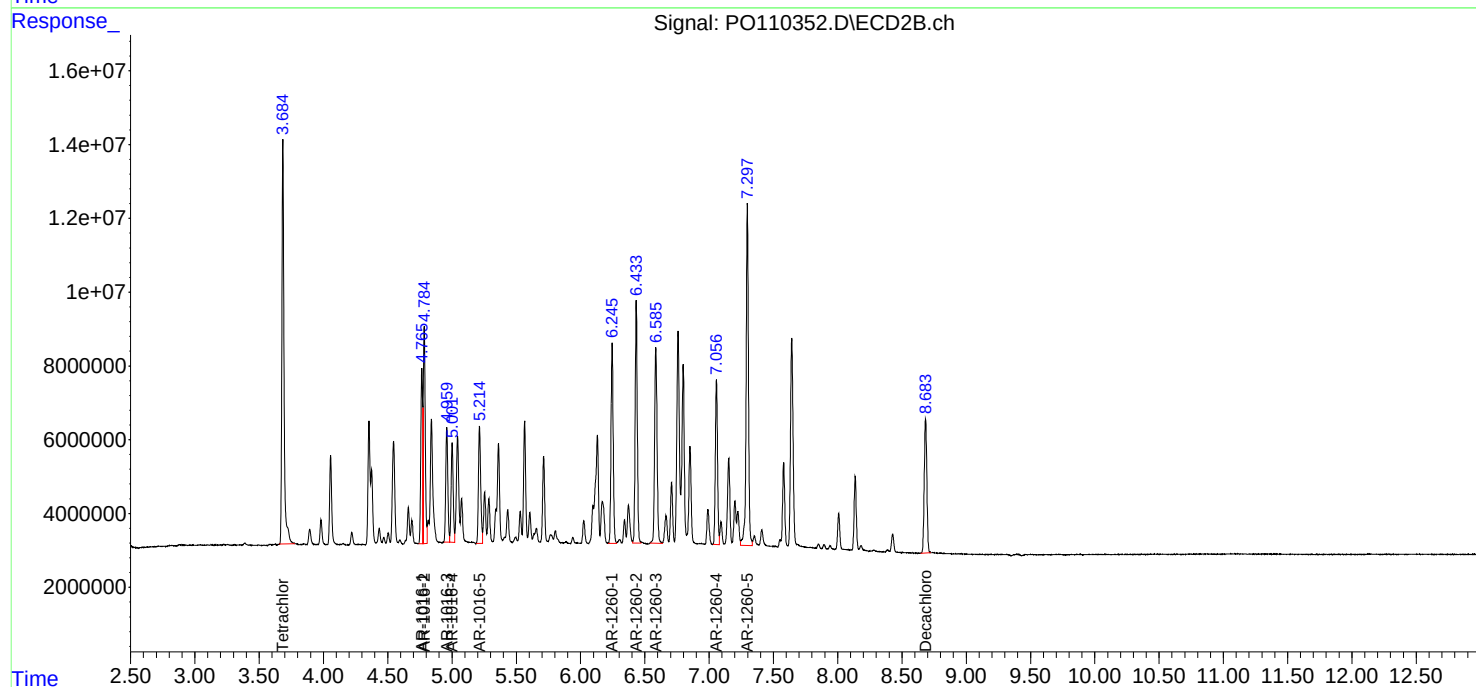
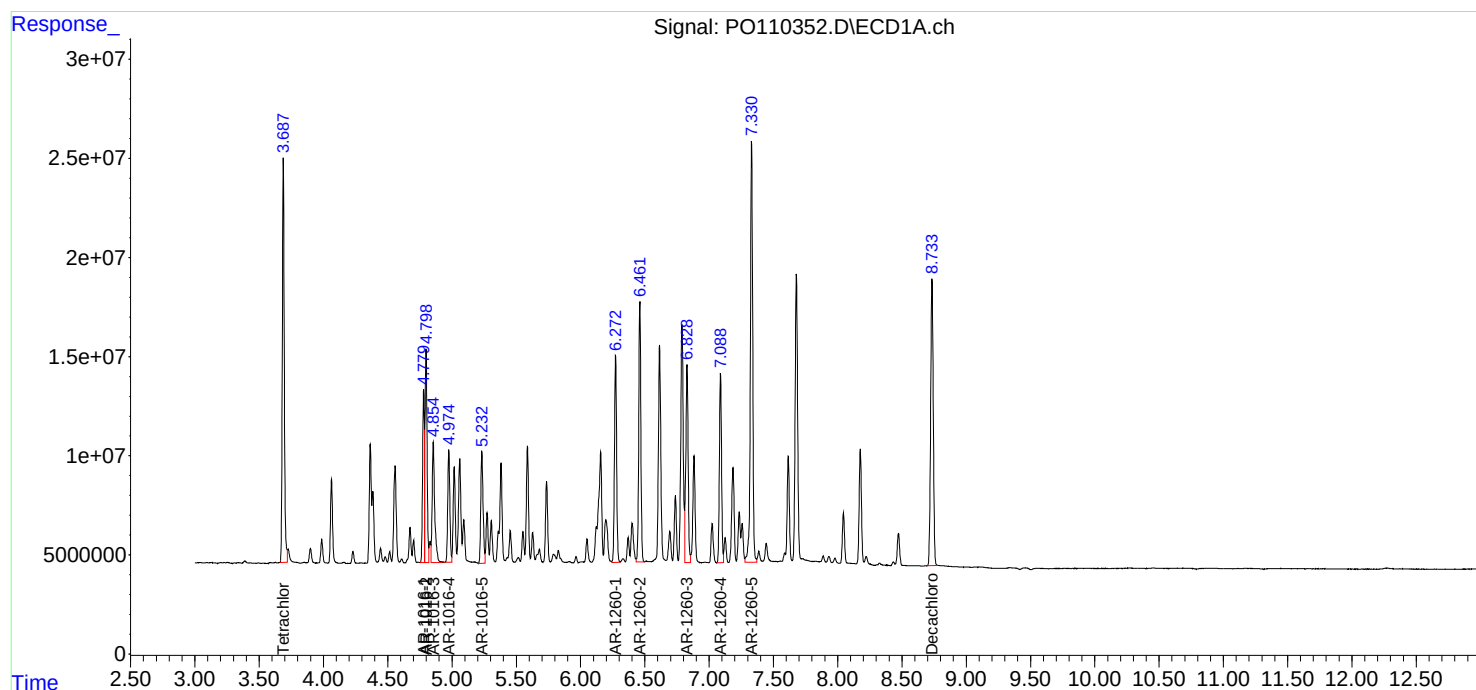
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO041025\  
Data File : PO110352.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Apr 2025 10:31  
Operator : YP/AJ  
Sample : AR1660ICC250  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660ICC250

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 10 11:01:30 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO041025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Apr 10 10:56:01 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0041025\  
 Data File : P0110353.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Apr 2025 10:49  
 Operator : YP/AJ  
 Sample : AR1660ICC050  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1660ICC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 10 11:04:40 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0041025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Apr 10 10:56:01 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-------|-------|----------|----------|--------|--------|
| -----                       |       |       |          |          |        |        |
| System Monitoring Compounds |       |       |          |          |        |        |
| 1) SA Tetrachlo...          | 3.688 | 3.685 | 43289216 | 24808316 | 4.952  | 4.972  |
| 2) SA Decachlor...          | 8.733 | 8.683 | 43582732 | 11156787 | 5.520  | 5.796  |
| Target Compounds            |       |       |          |          |        |        |
| 3) L1 AR-1016-1             | 4.779 | 4.765 | 18011965 | 9728182  | 54.891 | 55.428 |
| 4) L1 AR-1016-2             | 4.798 | 4.785 | 24206905 | 13399432 | 53.208 | 53.285 |
| 5) L1 AR-1016-3             | 4.855 | 4.960 | 18658513 | 7415278  | 57.851 | 54.640 |
| 6) L1 AR-1016-4             | 4.975 | 5.002 | 13549991 | 6527964  | 54.382 | 57.079 |
| 7) L1 AR-1016-5             | 5.233 | 5.215 | 15589904 | 8732807  | 57.953 | 58.580 |
| 31) L7 AR-1260-1            | 6.272 | 6.246 | 26614614 | 13981013 | 56.334 | 56.842 |
| 32) L7 AR-1260-2            | 6.461 | 6.433 | 35159753 | 17340702 | 59.956 | 59.437 |
| 33) L7 AR-1260-3            | 6.829 | 6.586 | 27896623 | 15884287 | 56.600 | 58.639 |
| 34) L7 AR-1260-4            | 7.088 | 7.057 | 23828498 | 11617411 | 56.143 | 57.902 |
| 35) L7 AR-1260-5            | 7.331 | 7.297 | 53567336 | 24854158 | 51.336 | 54.165 |
| -----                       |       |       |          |          |        |        |

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

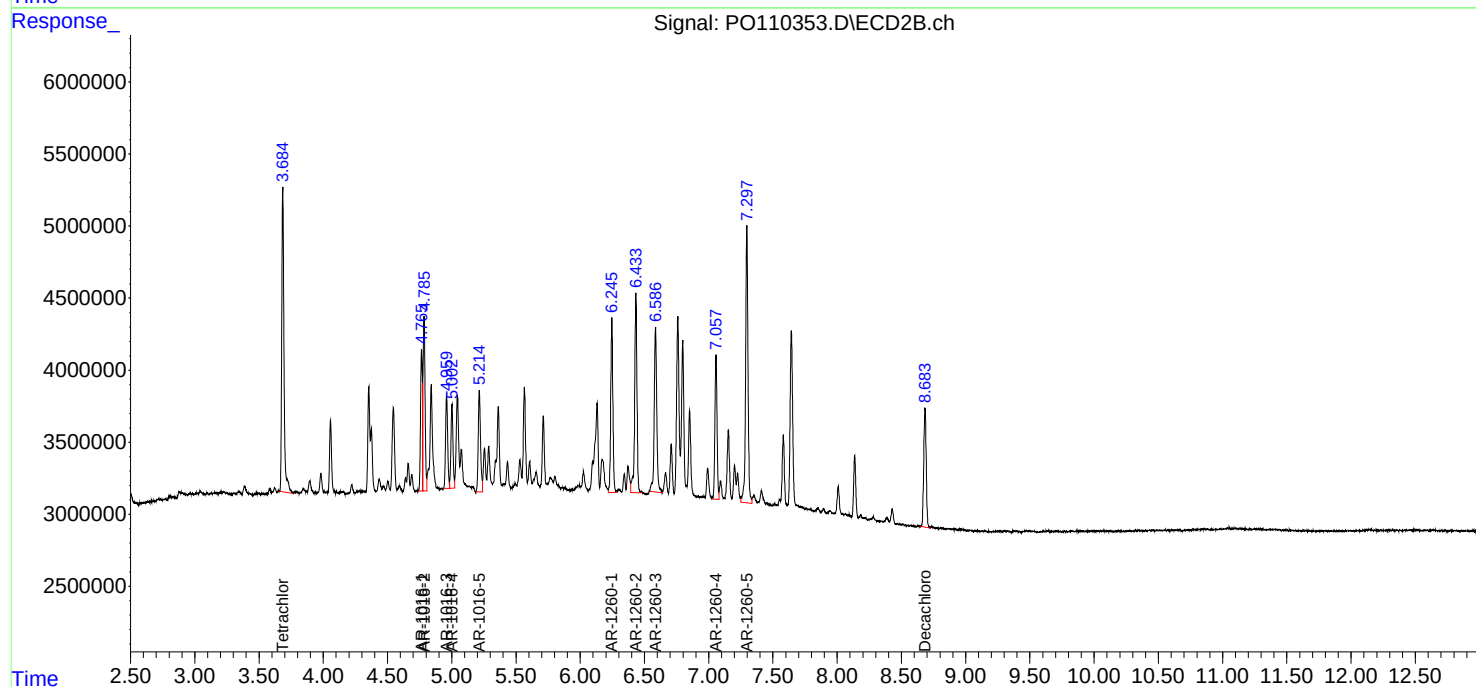
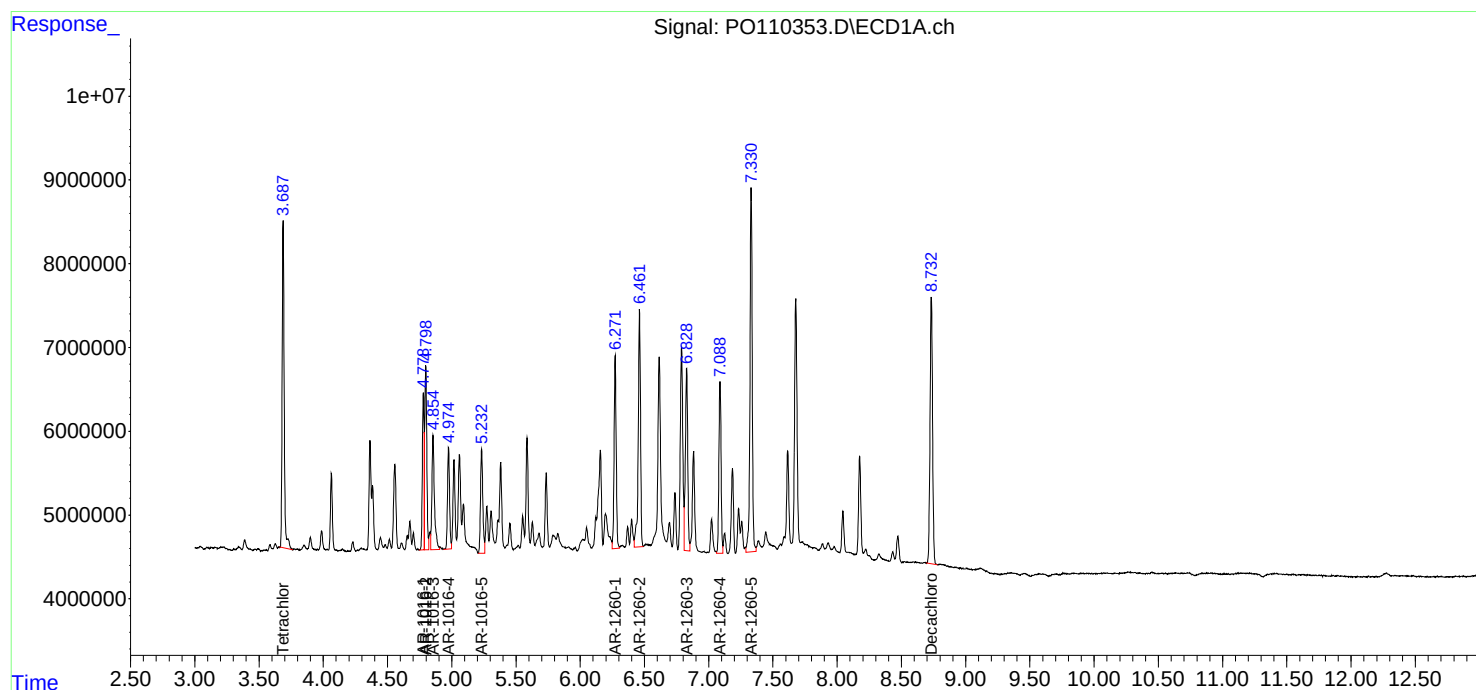


Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO041025\  
Data File : PO110353.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Apr 2025 10:49  
Operator : YP/AJ  
Sample : AR1660ICC050  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660ICC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 10 11:04:40 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO041025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Apr 10 10:56:01 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0041025\  
 Data File : P0110354.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Apr 2025 11:08  
 Operator : YP/AJ  
 Sample : AR1221ICC500  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1221ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 10 11:55:47 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0041025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Apr 10 11:55:23 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|----------|---------|---------|
| -----                       |       |       |          |          |         |         |
| System Monitoring Compounds |       |       |          |          |         |         |
| 1) SA Tetrachlo...          | 3.688 | 3.685 | 417.4E6  | 233.4E6  | 50.000  | 50.000  |
| 2) SA Decachlor...          | 8.732 | 8.684 | 379.4E6  | 91675770 | 50.000  | 50.000  |
| Target Compounds            |       |       |          |          |         |         |
| 8) L2 AR-1221-1             | 3.901 | 3.895 | 59017332 | 33386157 | 500.000 | 500.000 |
| 9) L2 AR-1221-2             | 3.987 | 3.981 | 44171792 | 25048140 | 500.000 | 500.000 |
| 10) L2 AR-1221-3            | 4.064 | 4.057 | 131.6E6  | 74585161 | 500.000 | 500.000 |
| -----                       |       |       |          |          |         |         |

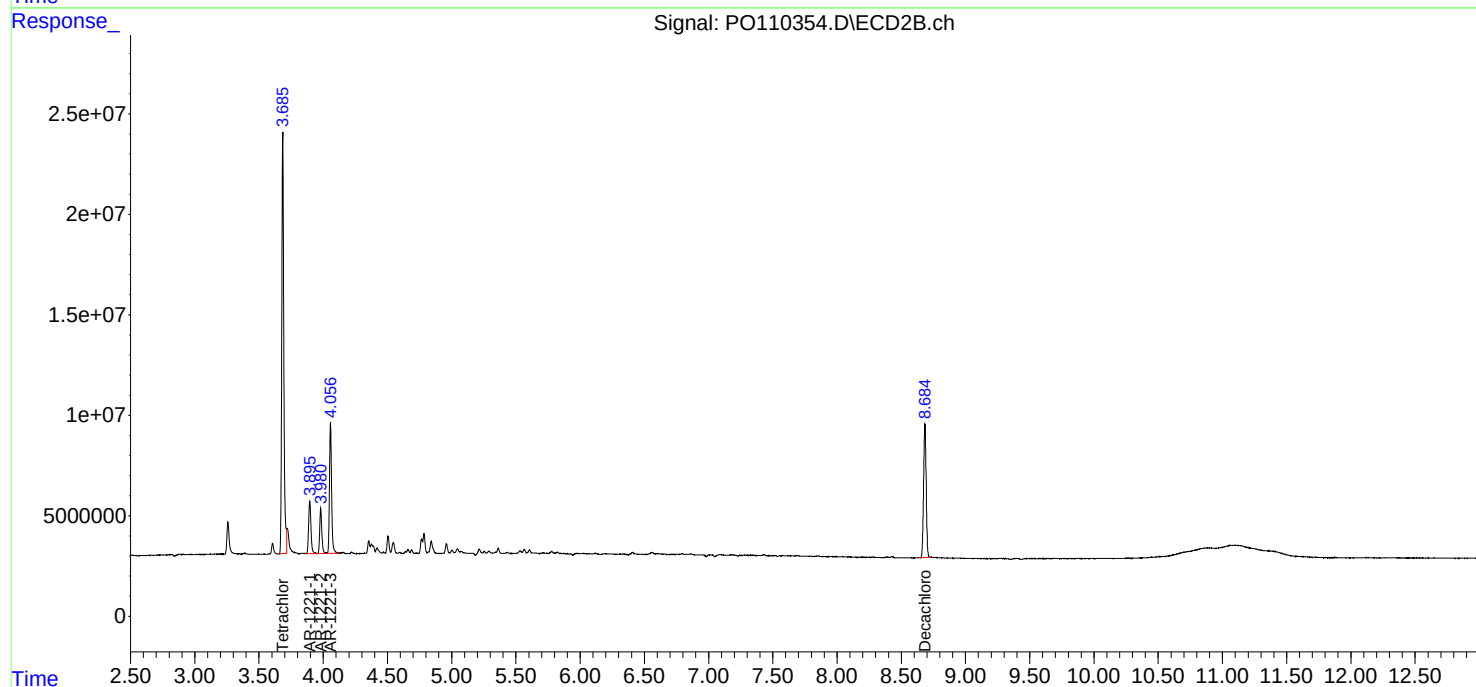
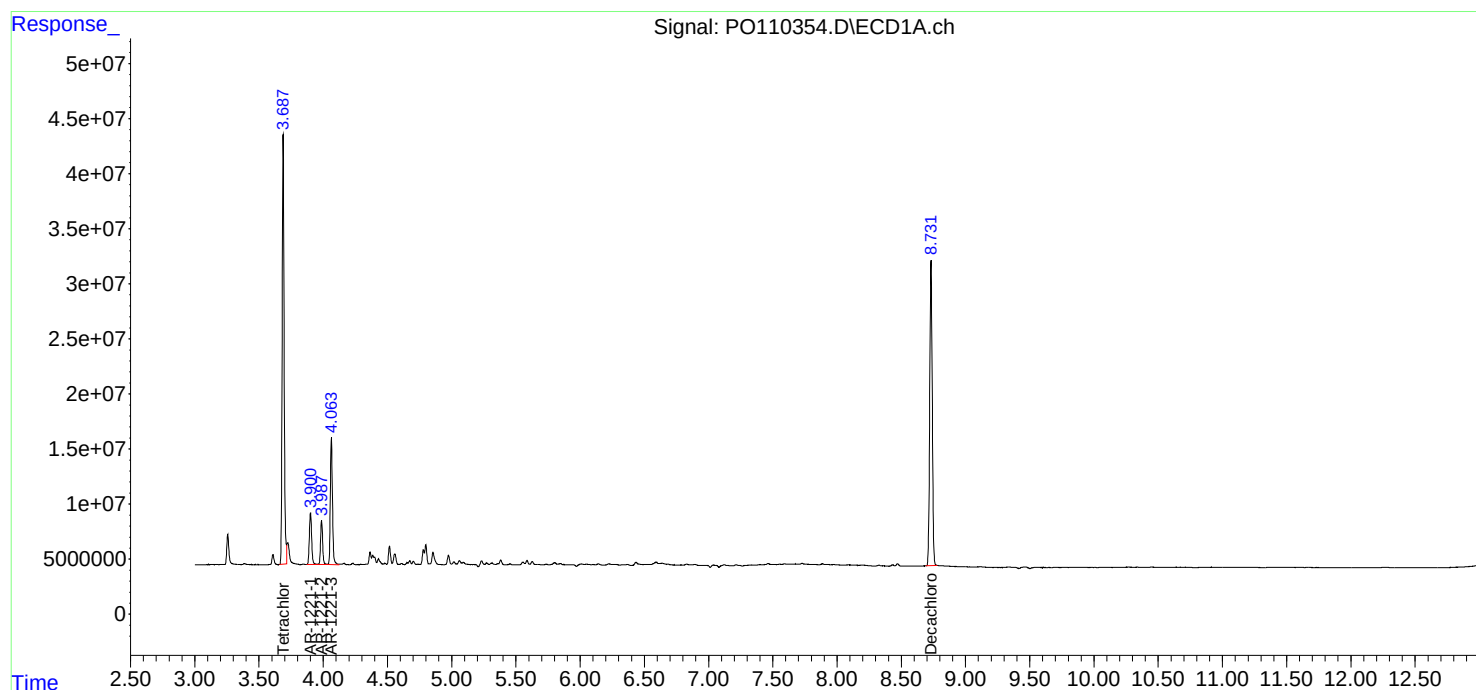
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO041025\  
Data File : PO110354.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Apr 2025 11:08  
Operator : YP/AJ  
Sample : AR1221ICC500  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1221ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 10 11:55:47 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO041025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Apr 10 11:55:23 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0041025\  
 Data File : P0110355.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Apr 2025 11:26  
 Operator : YP/AJ  
 Sample : AR1232ICC500  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1232ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 10 11:58:35 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0041025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Apr 10 11:55:23 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|----------|---------|---------|
| -----                       |       |       |          |          |         |         |
| System Monitoring Compounds |       |       |          |          |         |         |
| 1) SA Tetrachlo...          | 3.688 | 3.685 | 398.8E6  | 234.5E6  | 50.000  | 50.000  |
| 2) SA Decachlor...          | 8.732 | 8.684 | 375.1E6  | 90279792 | 50.000  | 50.000  |
| Target Compounds            |       |       |          |          |         |         |
| 11) L3 AR-1232-1            | 4.063 | 4.056 | 102.4E6  | 57511970 | 500.000 | 500.000 |
| 12) L3 AR-1232-2            | 4.556 | 4.784 | 53354286 | 55434068 | 500.000 | 500.000 |
| 13) L3 AR-1232-3            | 4.798 | 4.959 | 99890710 | 28601554 | 500.000 | 500.000 |
| 14) L3 AR-1232-4            | 4.975 | 5.044 | 51149202 | 26976681 | 500.000 | 500.000 |
| 15) L3 AR-1232-5            | 5.016 | 5.214 | 34451183 | 28567949 | 500.000 | 500.000 |
| -----                       |       |       |          |          |         |         |

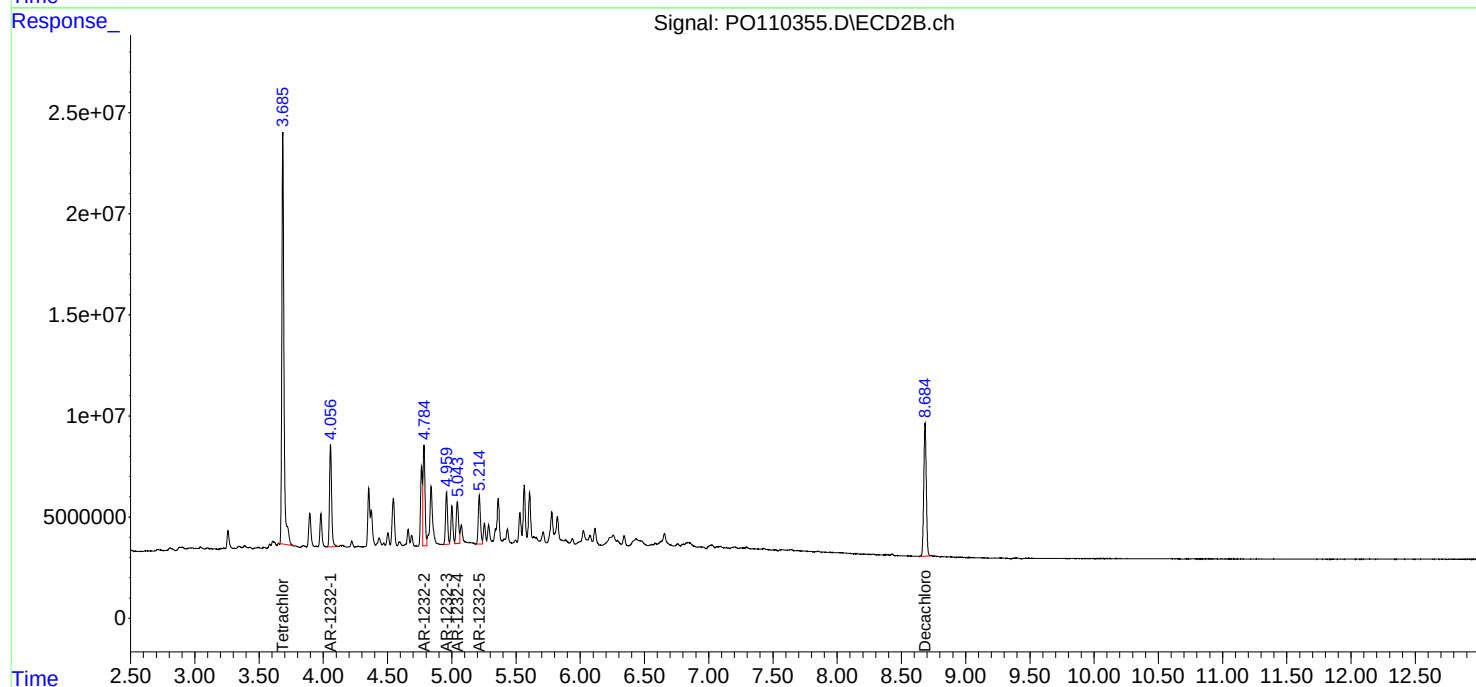
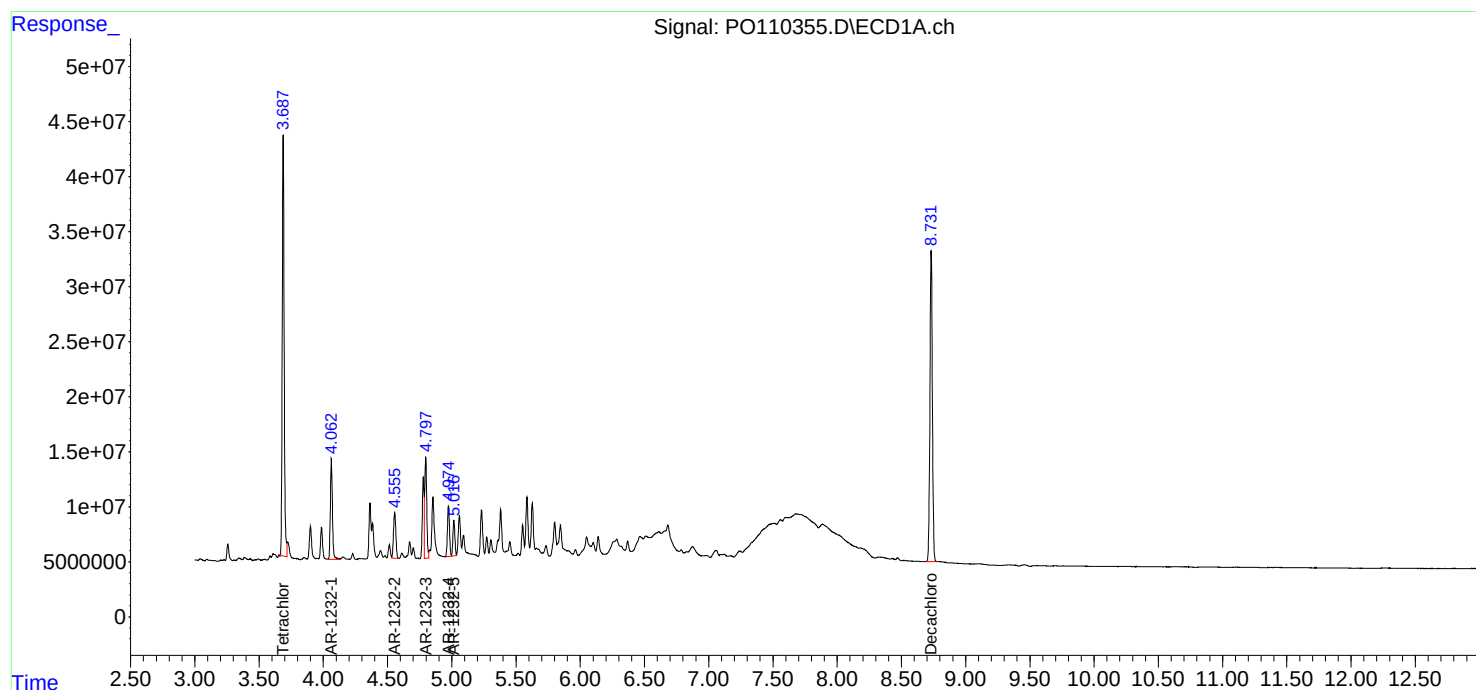
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO041025\  
Data File : PO110355.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Apr 2025 11:26  
Operator : YP/AJ  
Sample : AR1232ICC500  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1232ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 10 11:58:35 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO041025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Apr 10 11:55:23 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0041025\  
 Data File : P0110356.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Apr 2025 11:44  
 Operator : YP/AJ  
 Sample : AR1242ICC1000  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1242ICC1000

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 10 12:34:26 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0041025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Apr 10 12:31:05 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1  | Resp#2  | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|---------|---------|---------|---------|
| -----                       |       |       |         |         |         |         |
| System Monitoring Compounds |       |       |         |         |         |         |
| 1) SA Tetrachlo...          | 3.688 | 3.685 | 827.2E6 | 466.8E6 | 96.341  | 96.381  |
| 2) SA Decachlor...          | 8.733 | 8.684 | 723.7E6 | 161.9E6 | 95.968  | 92.585  |
| Target Compounds            |       |       |         |         |         |         |
| 16) L4 AR-1242-1            | 4.780 | 4.766 | 251.4E6 | 135.4E6 | 944.813 | 952.306 |
| 17) L4 AR-1242-2            | 4.799 | 4.785 | 357.5E6 | 196.0E6 | 959.280 | 955.179 |
| 18) L4 AR-1242-3            | 4.855 | 4.960 | 243.8E6 | 104.3E6 | 938.223 | 947.136 |
| 19) L4 AR-1242-4            | 4.976 | 5.044 | 192.5E6 | 104.2E6 | 946.796 | 934.477 |
| 20) L4 AR-1242-5            | 5.628 | 5.565 | 201.5E6 | 127.6E6 | 943.266 | 944.974 |
| -----                       |       |       |         |         |         |         |

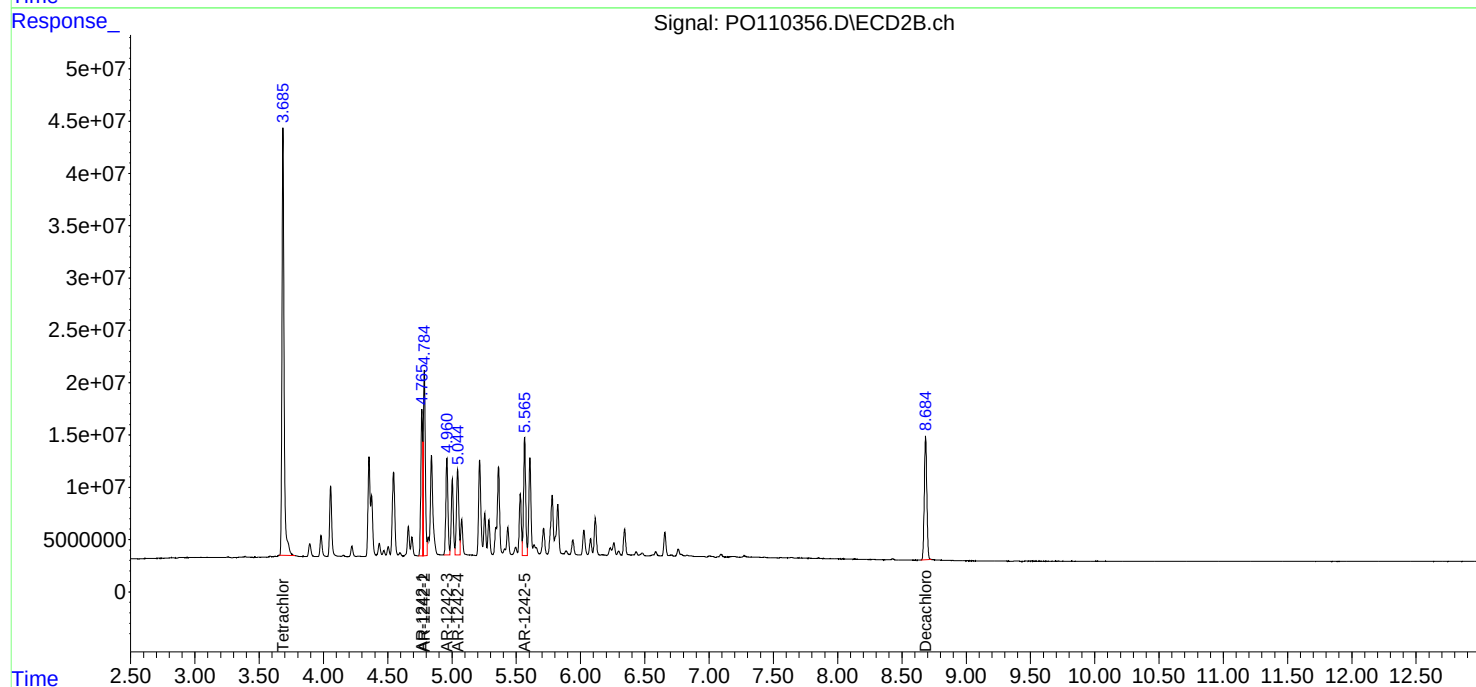
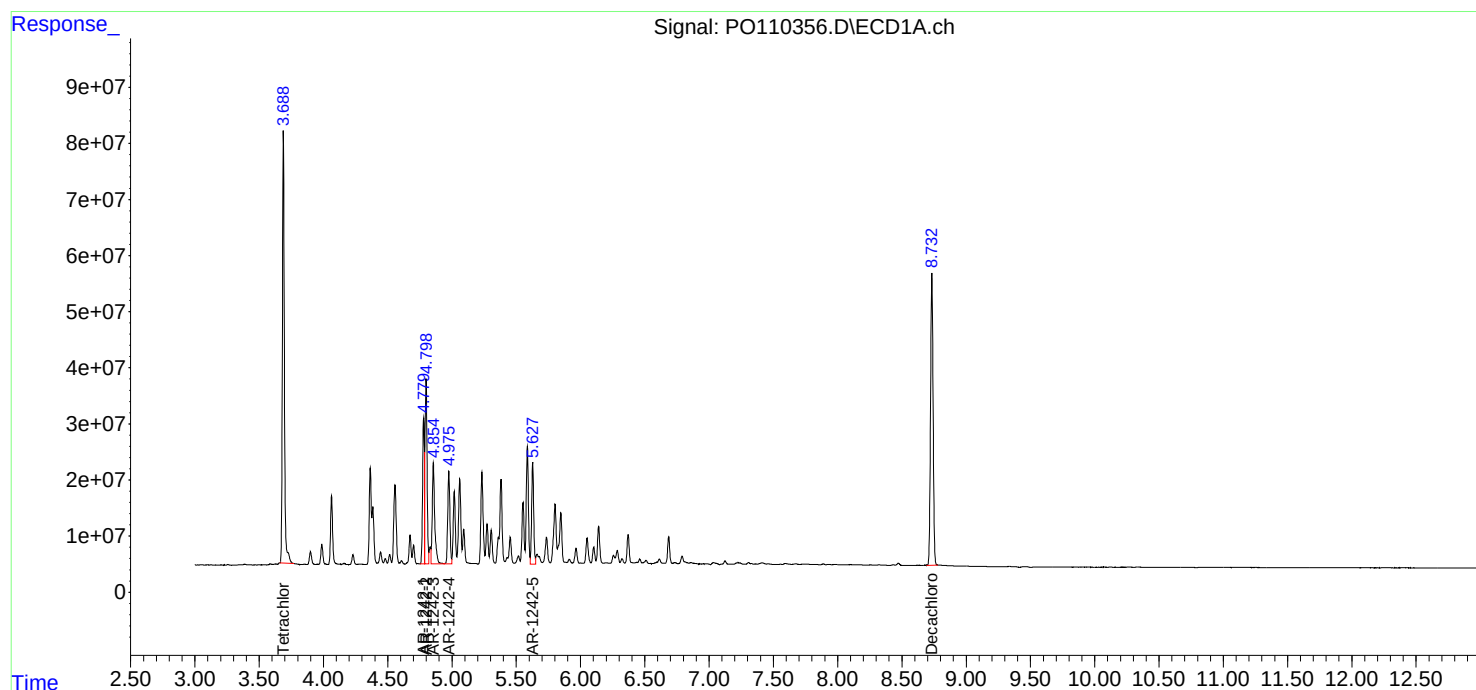
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO041025\  
Data File : PO110356.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Apr 2025 11:44  
Operator : YP/AJ  
Sample : AR1242ICC1000  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242ICC1000

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 10 12:34:26 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO041025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Apr 10 12:31:05 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0041025\  
 Data File : P0110357.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Apr 2025 12:03  
 Operator : YP/AJ  
 Sample : AR1242ICC750  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1242ICC750

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 10 12:36:54 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0041025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Apr 10 12:31:05 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|---------|----------|---------|---------|
| -----                       |       |       |         |          |         |         |
| System Monitoring Compounds |       |       |         |          |         |         |
| 1) SA Tetrachlo...          | 3.688 | 3.685 | 658.2E6 | 370.5E6  | 76.100  | 75.993  |
| 2) SA Decachlor...          | 8.733 | 8.684 | 567.8E6 | 132.4E6  | 75.200  | 75.507  |
|                             |       |       |         |          |         |         |
| Target Compounds            |       |       |         |          |         |         |
| 16) L4 AR-1242-1            | 4.780 | 4.766 | 198.9E6 | 107.1E6  | 748.410 | 752.372 |
| 17) L4 AR-1242-2            | 4.798 | 4.785 | 286.0E6 | 156.3E6  | 761.574 | 757.700 |
| 18) L4 AR-1242-3            | 4.855 | 4.960 | 217.2E6 | 83520623 | 805.293 | 755.822 |
| 19) L4 AR-1242-4            | 4.975 | 5.045 | 154.0E6 | 84537972 | 754.983 | 755.368 |
| 20) L4 AR-1242-5            | 5.627 | 5.565 | 161.1E6 | 102.1E6  | 752.686 | 754.354 |
| -----                       |       |       |         |          |         |         |

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

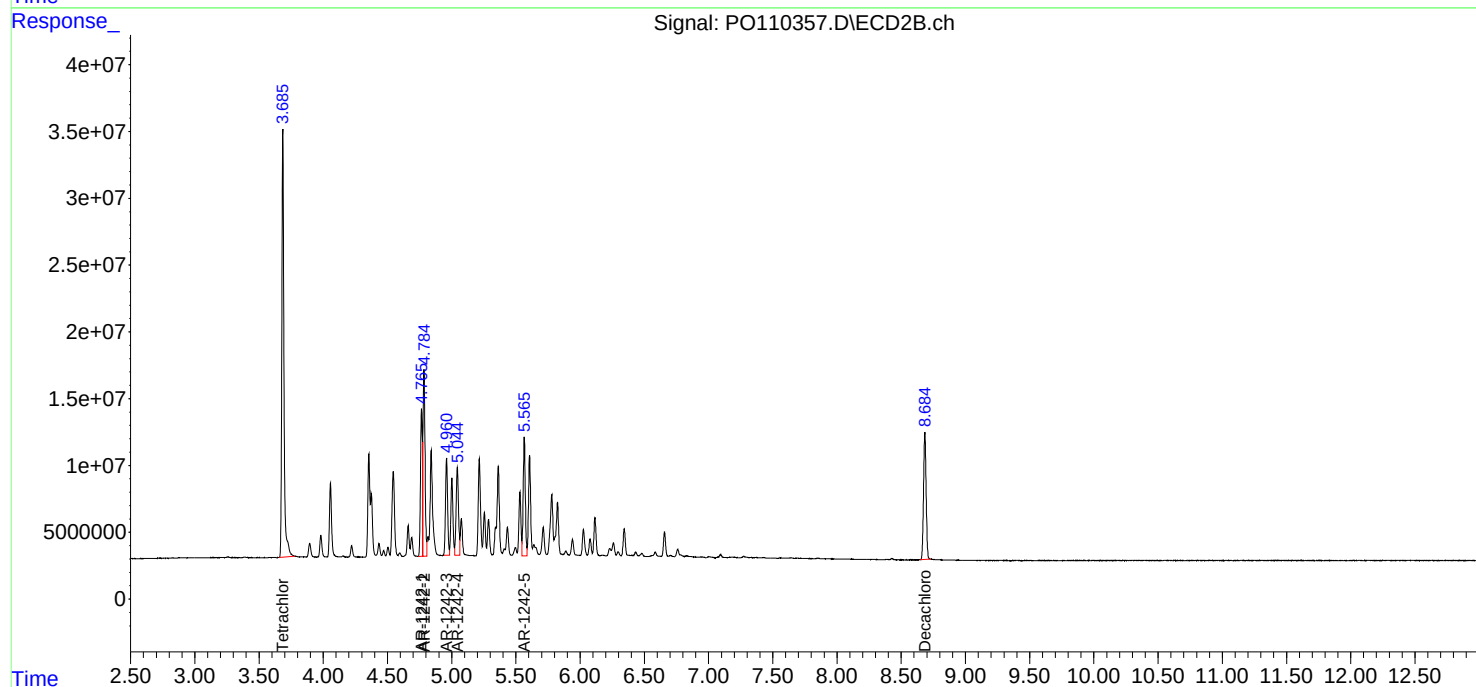
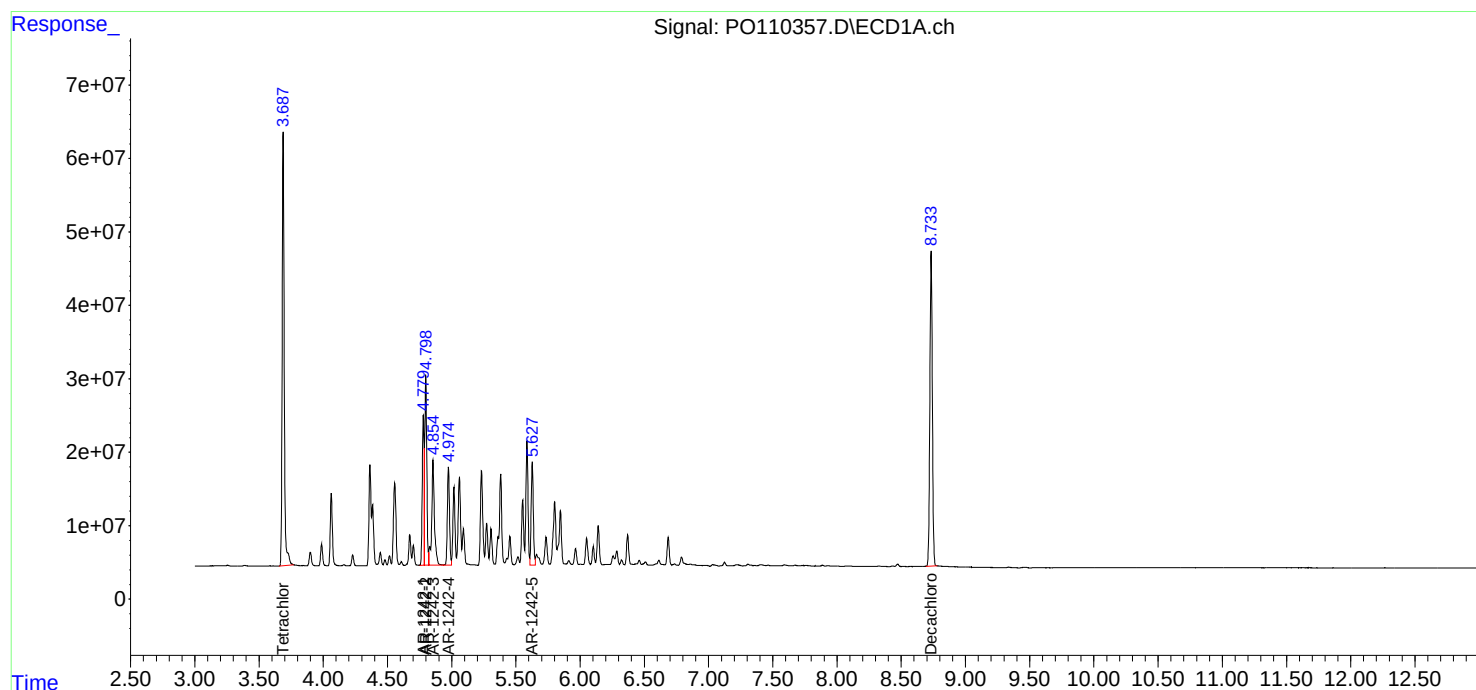


Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO041025\  
Data File : PO110357.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Apr 2025 12:03  
Operator : YP/AJ  
Sample : AR1242ICC750  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242ICC750

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 10 12:36:54 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO041025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Apr 10 12:31:05 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0041025\  
 Data File : P0110358.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Apr 2025 12:21  
 Operator : YP/AJ  
 Sample : AR1242ICC500  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1242ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 10 12:31:22 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0041025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Apr 10 12:31:05 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|---------|----------|---------|---------|
| -----                       |       |       |         |          |         |         |
| System Monitoring Compounds |       |       |         |          |         |         |
| 1) SA Tetrachlo...          | 3.687 | 3.684 | 445.0E6 | 250.9E6  | 50.000  | 50.000  |
| 2) SA Decachlor...          | 8.732 | 8.683 | 392.2E6 | 93891957 | 50.000  | 50.000  |
| Target Compounds            |       |       |         |          |         |         |
| 16) L4 AR-1242-1            | 4.779 | 4.765 | 140.4E6 | 74484875 | 500.000 | 500.000 |
| 17) L4 AR-1242-2            | 4.798 | 4.783 | 193.9E6 | 107.2E6  | 500.000 | 500.000 |
| 18) L4 AR-1242-3            | 4.855 | 4.959 | 137.9E6 | 57946521 | 500.000 | 500.000 |
| 19) L4 AR-1242-4            | 4.975 | 5.044 | 107.1E6 | 59411329 | 500.000 | 500.000 |
| 20) L4 AR-1242-5            | 5.628 | 5.564 | 112.9E6 | 71202904 | 500.000 | 500.000 |
| -----                       |       |       |         |          |         |         |

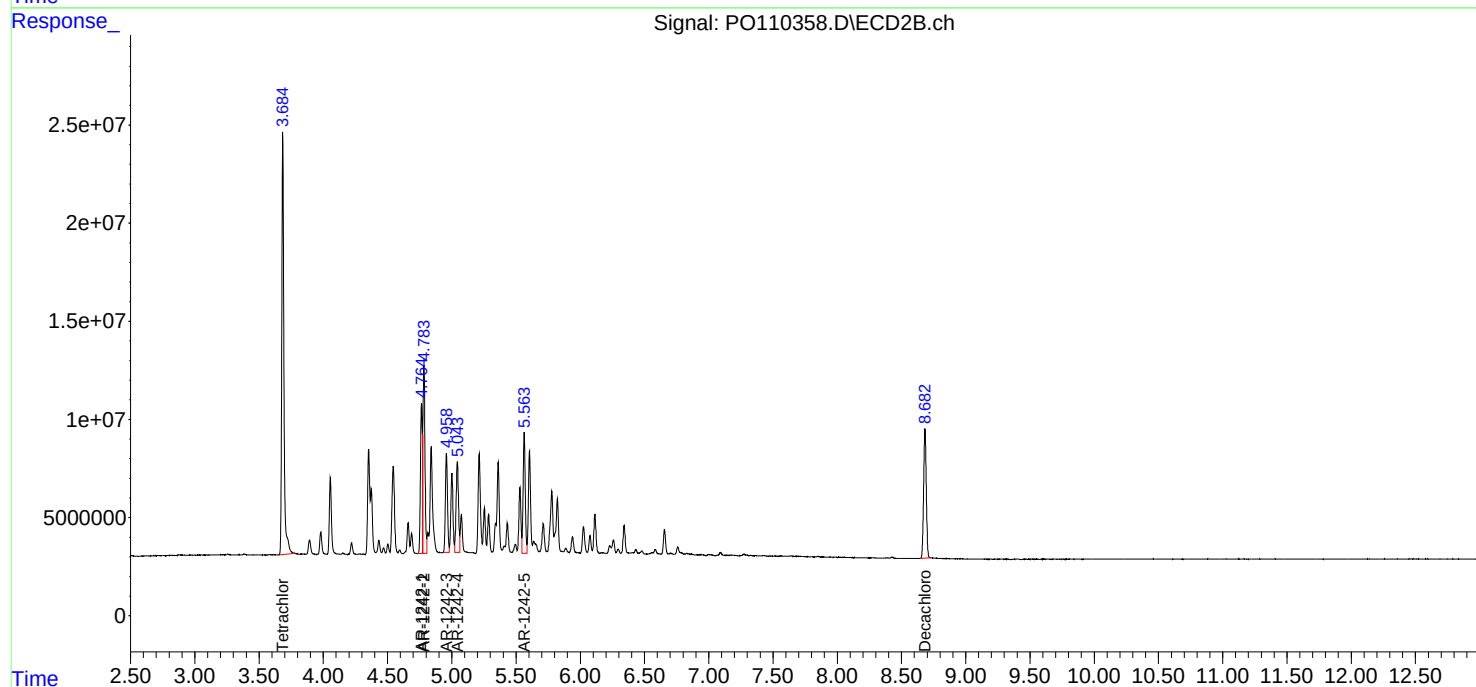
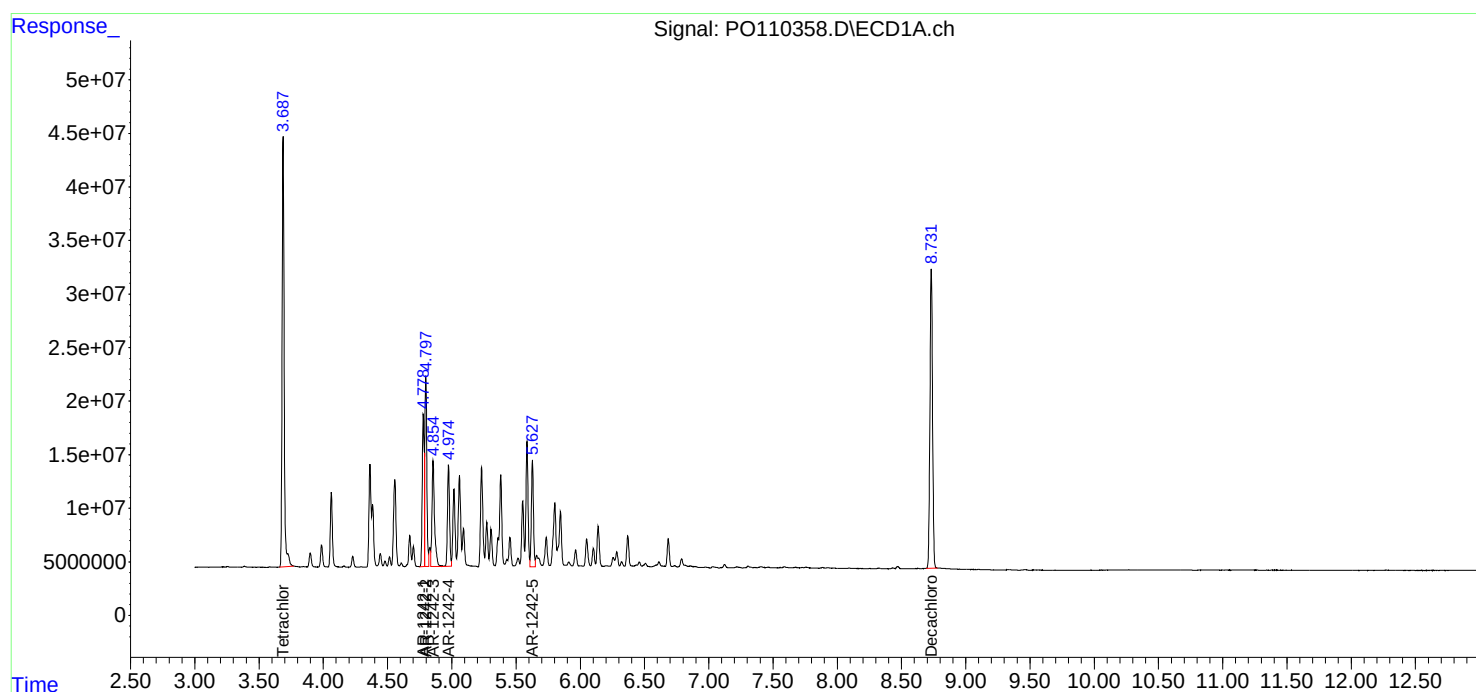
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO041025\  
Data File : PO110358.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Apr 2025 12:21  
Operator : YP/AJ  
Sample : AR1242ICC500  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 10 12:31:22 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO041025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Apr 10 12:31:05 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0041025\  
 Data File : P0110359.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Apr 2025 12:39  
 Operator : YP/AJ  
 Sample : AR1242ICC250  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1242ICC250

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 10 12:51:54 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0041025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Apr 10 12:51:44 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|----------|---------|---------|
| -----                       |       |       |          |          |         |         |
| System Monitoring Compounds |       |       |          |          |         |         |
| 1) SA Tetrachlo...          | 3.688 | 3.685 | 224.9E6  | 127.8E6  | 25.741  | 25.901  |
| 2) SA Decachlor...          | 8.732 | 8.684 | 204.7E6  | 50443721 | 26.551  | 27.716  |
| Target Compounds            |       |       |          |          |         |         |
| 16) L4 AR-1242-1            | 4.779 | 4.766 | 74380905 | 39467591 | 271.708 | 269.813 |
| 17) L4 AR-1242-2            | 4.799 | 4.785 | 100.8E6  | 56229093 | 263.544 | 266.549 |
| 18) L4 AR-1242-3            | 4.855 | 4.960 | 73089348 | 30705869 | 265.380 | 270.338 |
| 19) L4 AR-1242-4            | 4.975 | 5.045 | 56349611 | 32190259 | 269.168 | 277.198 |
| 20) L4 AR-1242-5            | 5.627 | 5.565 | 59802630 | 38560049 | 271.435 | 275.255 |
| -----                       |       |       |          |          |         |         |

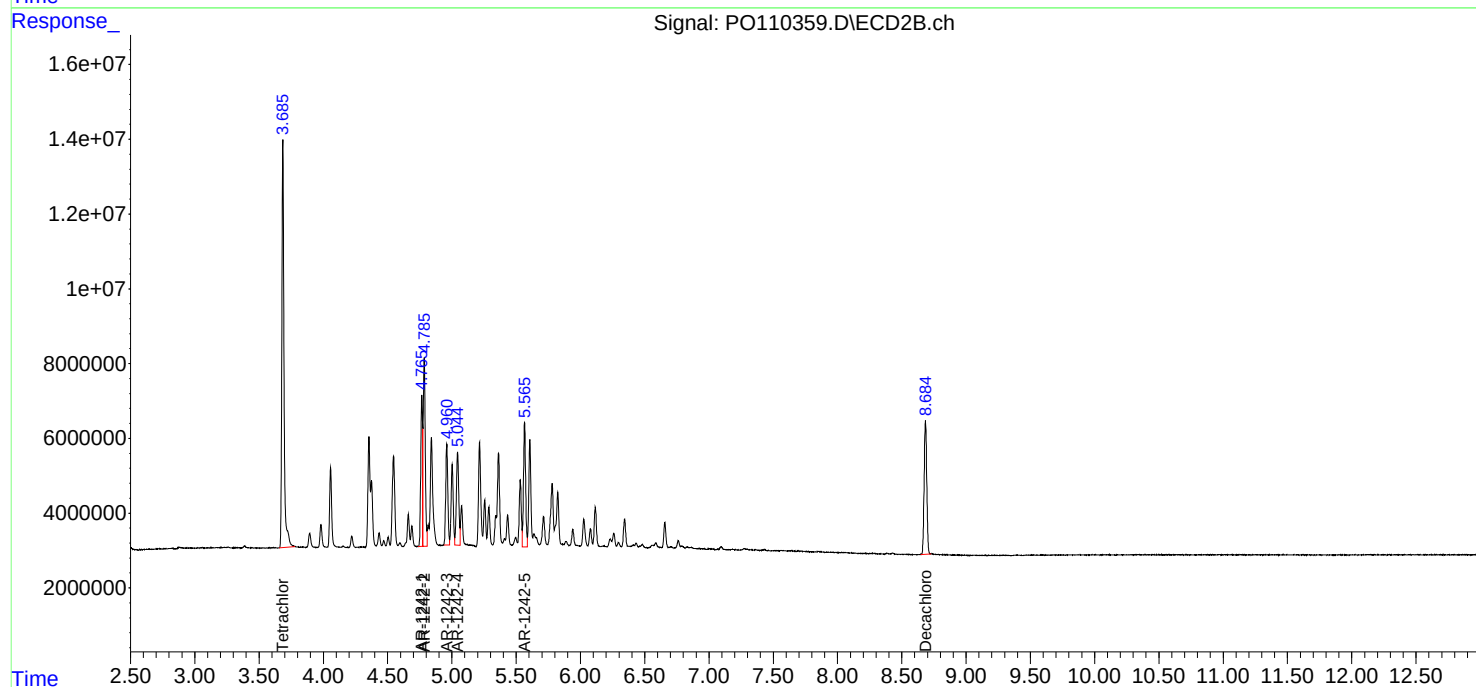
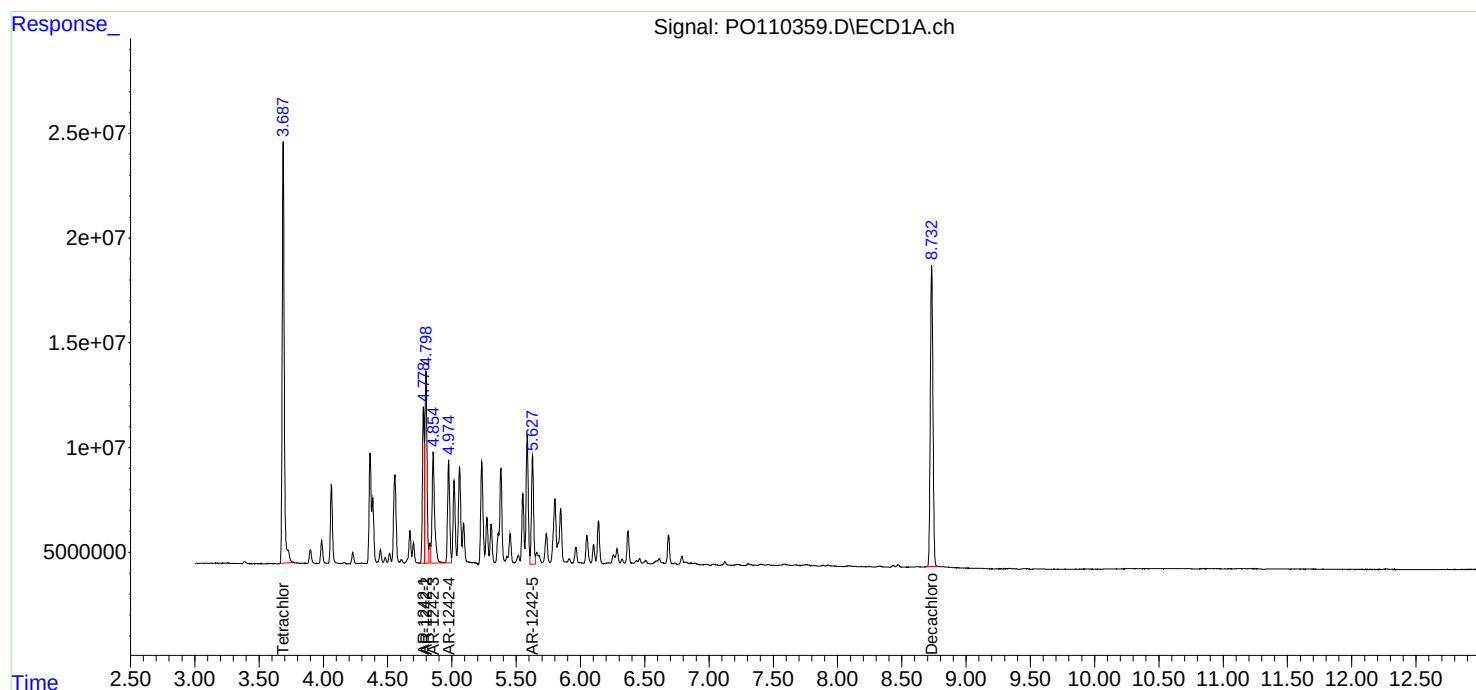
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO041025\  
Data File : PO110359.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Apr 2025 12:39  
Operator : YP/AJ  
Sample : AR1242ICC250  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242ICC250

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 10 12:51:54 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO041025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Apr 10 12:51:44 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0041025\  
 Data File : P0110360.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Apr 2025 12:58  
 Operator : YP/AJ  
 Sample : AR1242ICCO50  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1242ICCO50

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 10 13:08:06 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0041025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Apr 10 13:07:53 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-------|-------|----------|----------|--------|--------|
| -----                       |       |       |          |          |        |        |
| System Monitoring Compounds |       |       |          |          |        |        |
| 1) SA Tetrachlo...          | 3.687 | 3.684 | 40144674 | 23927704 | 4.671  | 4.878  |
| 2) SA Decachlor...          | 8.732 | 8.683 | 41703697 | 10219031 | 5.322  | 5.480  |
| Target Compounds            |       |       |          |          |        |        |
| 16) L4 AR-1242-1            | 4.779 | 4.765 | 14632790 | 8120107  | 52.724 | 54.314 |
| 17) L4 AR-1242-2            | 4.798 | 4.784 | 19954532 | 11150308 | 51.726 | 52.260 |
| 18) L4 AR-1242-3            | 4.854 | 4.959 | 14467594 | 6178953  | 52.004 | 53.459 |
| 19) L4 AR-1242-4            | 4.975 | 5.044 | 10972399 | 6799320  | 51.912 | 56.614 |
| 20) L4 AR-1242-5            | 5.628 | 5.564 | 12534403 | 8256494  | 55.366 | 56.903 |
| -----                       |       |       |          |          |        |        |

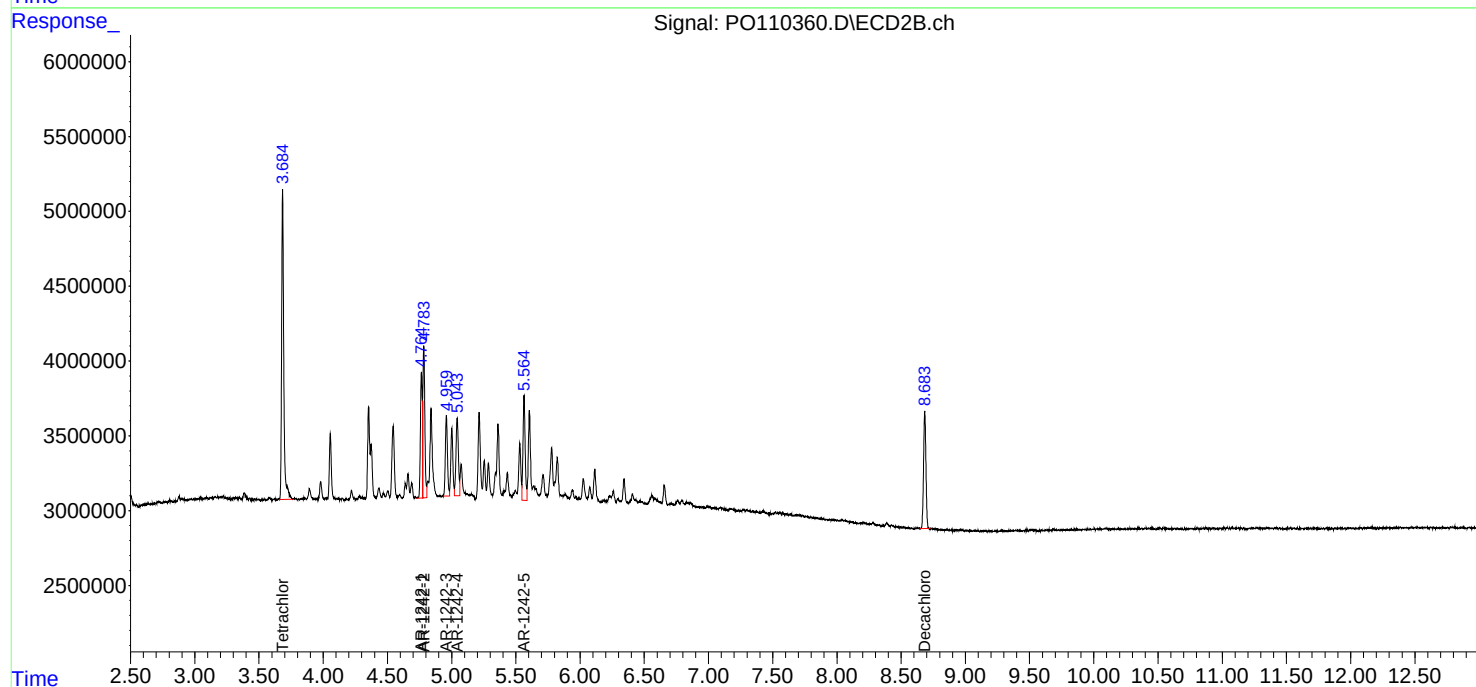
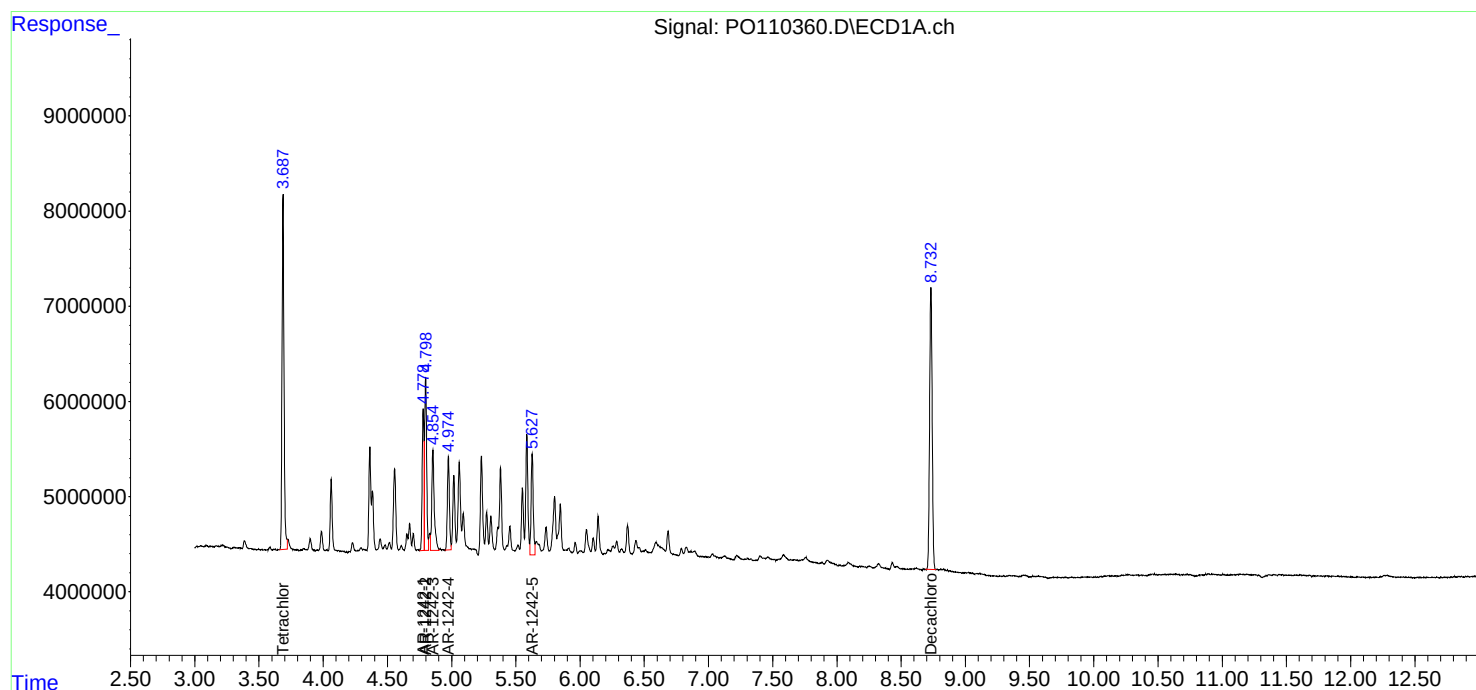
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0041025\  
Data File : P0110360.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Apr 2025 12:58  
Operator : YP/AJ  
Sample : AR1242ICC050  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1242ICC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 10 13:08:06 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0041025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Apr 10 13:07:53 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0041025\  
 Data File : P0110361.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Apr 2025 13:16  
 Operator : YP/AJ  
 Sample : AR1248ICC1000  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1248ICC1000

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 10 14:06:03 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0041025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Apr 10 14:03:21 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1  | Resp#2  | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|---------|---------|---------|---------|
| -----                       |       |       |         |         |         |         |
| System Monitoring Compounds |       |       |         |         |         |         |
| 1) SA Tetrachlo...          | 3.687 | 3.685 | 857.2E6 | 482.8E6 | 97.792  | 97.864  |
| 2) SA Decachlor...          | 8.731 | 8.684 | 742.3E6 | 170.8E6 | 96.063  | 94.678  |
| Target Compounds            |       |       |         |         |         |         |
| 21) L5 AR-1248-1            | 4.779 | 4.765 | 197.4E6 | 105.8E6 | 950.625 | 949.399 |
| 22) L5 AR-1248-2            | 5.017 | 5.001 | 269.7E6 | 147.0E6 | 946.388 | 943.970 |
| 23) L5 AR-1248-3            | 5.233 | 5.043 | 336.7E6 | 157.5E6 | 949.716 | 945.079 |
| 24) L5 AR-1248-4            | 5.586 | 5.214 | 480.1E6 | 185.6E6 | 956.437 | 952.264 |
| 25) L5 AR-1248-5            | 5.627 | 5.606 | 340.6E6 | 181.9E6 | 955.211 | 957.967 |
| -----                       |       |       |         |         |         |         |

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

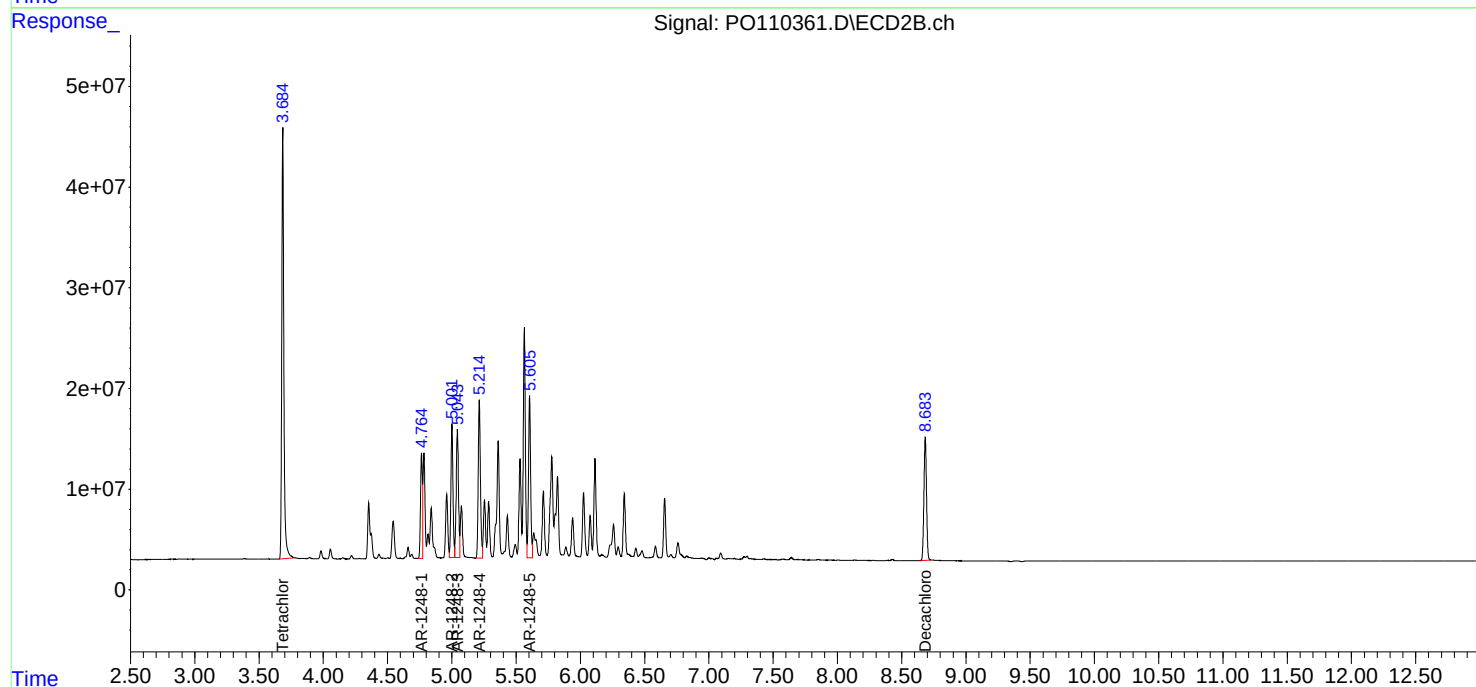
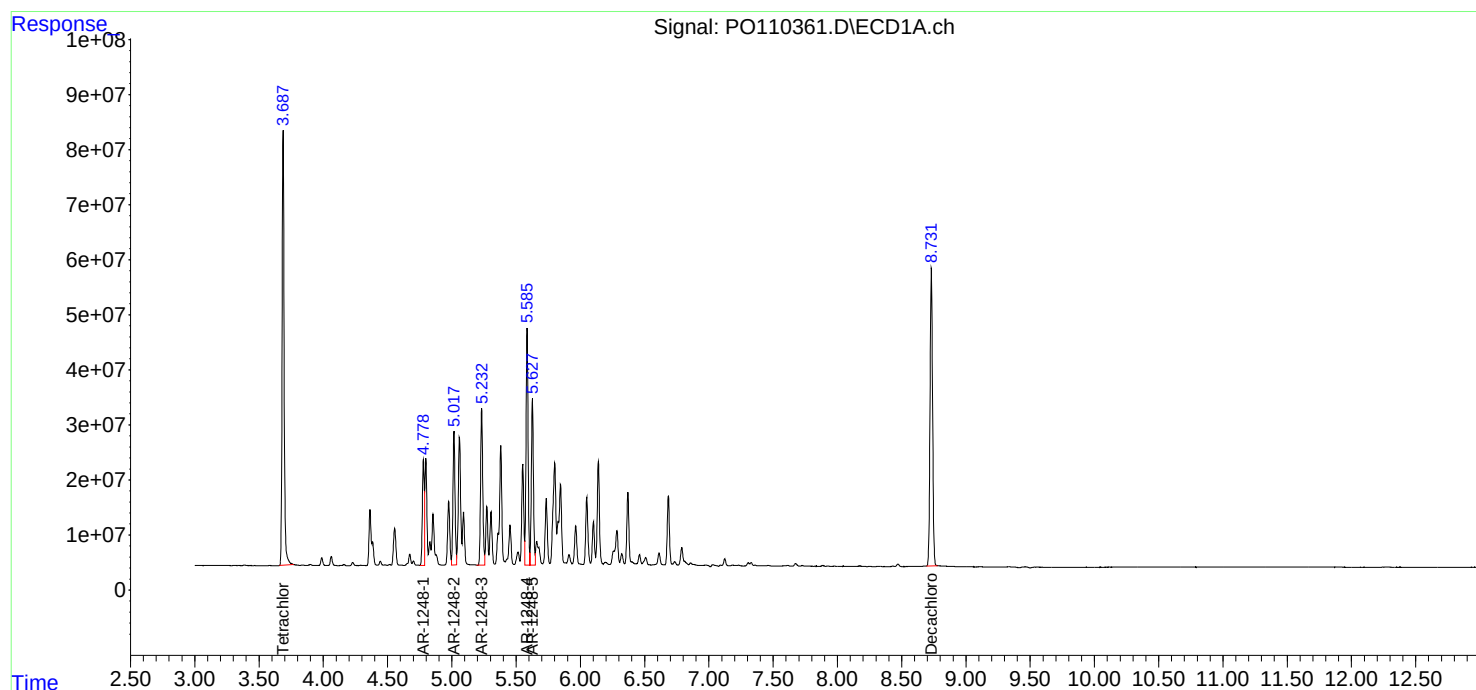


Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO041025\  
Data File : PO110361.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Apr 2025 13:16  
Operator : YP/AJ  
Sample : AR1248ICC1000  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248ICC1000

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 10 14:06:03 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO041025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Apr 10 14:03:21 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0041025\  
 Data File : P0110362.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Apr 2025 13:35  
 Operator : YP/AJ  
 Sample : AR1248ICC750  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1248ICC750

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 10 14:08:28 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0041025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Apr 10 14:03:21 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|---------|----------|---------|---------|
| -----                       |       |       |         |          |         |         |
| System Monitoring Compounds |       |       |         |          |         |         |
| 1) SA Tetrachlo...          | 3.688 | 3.685 | 650.6E6 | 365.5E6  | 74.481  | 74.396  |
| 2) SA Decachlor...          | 8.733 | 8.685 | 575.0E6 | 131.4E6  | 74.605  | 73.547  |
|                             |       |       |         |          |         |         |
| Target Compounds            |       |       |         |          |         |         |
| 21) L5 AR-1248-1            | 4.779 | 4.765 | 154.3E6 | 83273178 | 745.481 | 748.067 |
| 22) L5 AR-1248-2            | 5.017 | 5.002 | 210.8E6 | 115.1E6  | 743.133 | 742.489 |
| 23) L5 AR-1248-3            | 5.232 | 5.044 | 264.1E6 | 123.2E6  | 746.588 | 742.651 |
| 24) L5 AR-1248-4            | 5.586 | 5.215 | 372.9E6 | 144.5E6  | 745.252 | 744.242 |
| 25) L5 AR-1248-5            | 5.627 | 5.606 | 265.1E6 | 140.5E6  | 745.654 | 743.111 |
| -----                       |       |       |         |          |         |         |

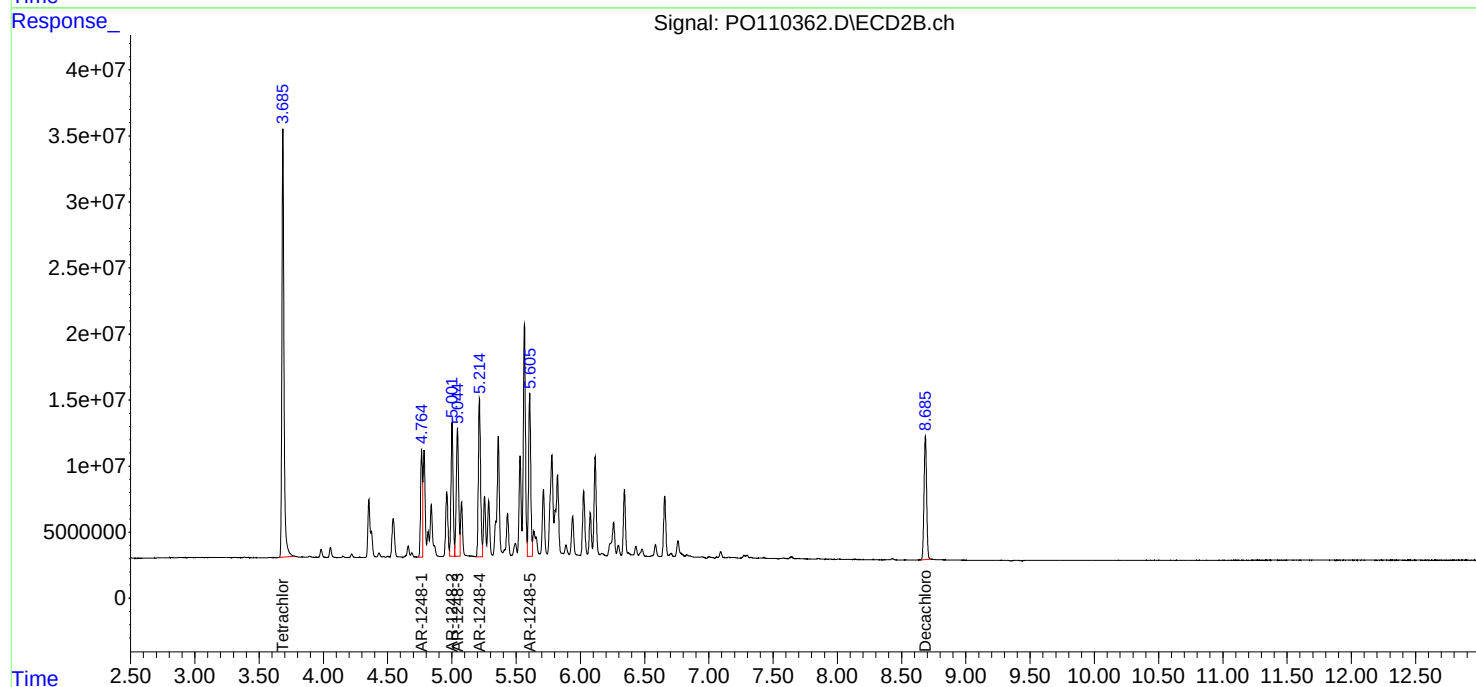
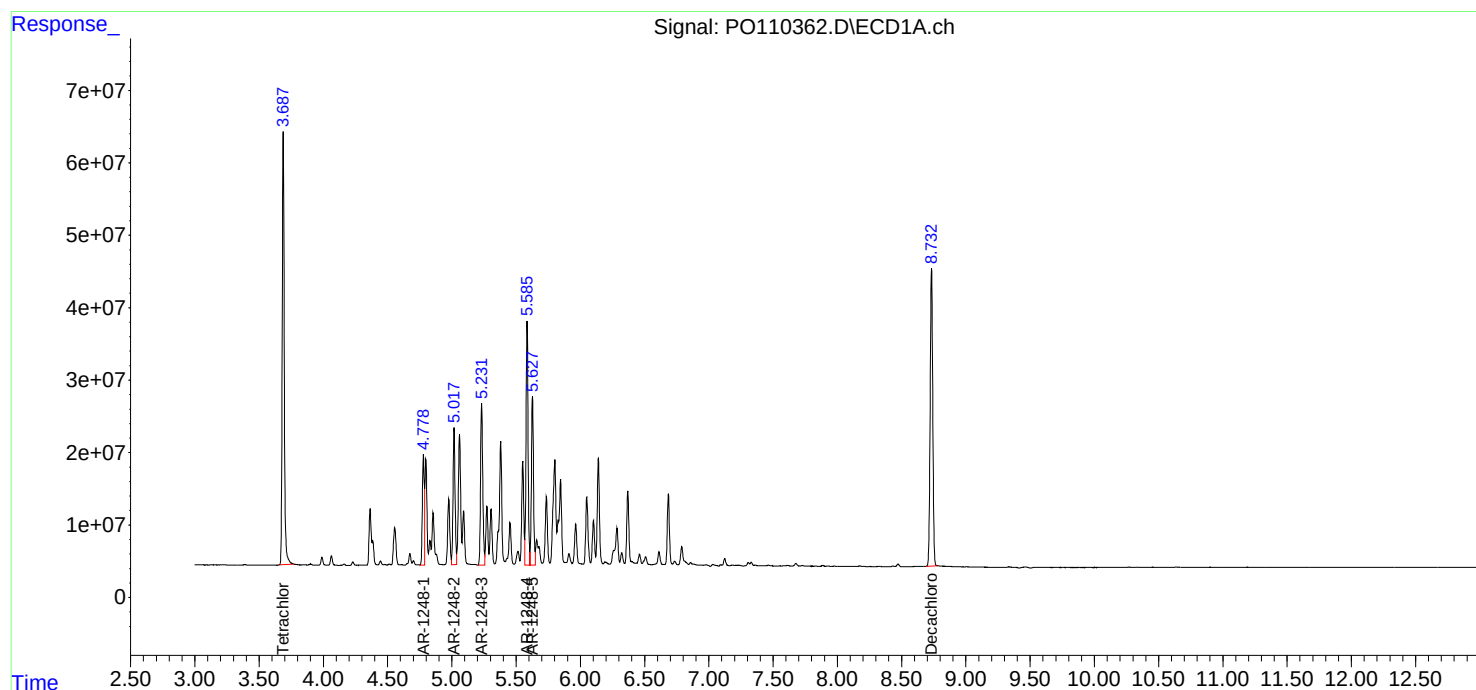
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO041025\  
Data File : PO110362.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Apr 2025 13:35  
Operator : YP/AJ  
Sample : AR1248ICC750  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248ICC750

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 10 14:08:28 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO041025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Apr 10 14:03:21 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0041025\  
 Data File : P0110363.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Apr 2025 13:53  
 Operator : YP/AJ  
 Sample : AR1248ICC500  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1248ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 10 14:03:34 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0041025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Apr 10 14:03:21 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|---------|----------|---------|---------|
| -----                       |       |       |         |          |         |         |
| System Monitoring Compounds |       |       |         |          |         |         |
| 1) SA Tetrachlo...          | 3.687 | 3.685 | 448.0E6 | 251.9E6  | 50.000  | 50.000  |
| 2) SA Decachlor...          | 8.732 | 8.685 | 401.6E6 | 95016625 | 50.000  | 50.000  |
| Target Compounds            |       |       |         |          |         |         |
| 21) L5 AR-1248-1            | 4.779 | 4.765 | 108.9E6 | 58550593 | 500.000 | 500.000 |
| 22) L5 AR-1248-2            | 5.017 | 5.002 | 150.1E6 | 82244273 | 500.000 | 500.000 |
| 23) L5 AR-1248-3            | 5.232 | 5.044 | 186.2E6 | 87926534 | 500.000 | 500.000 |
| 24) L5 AR-1248-4            | 5.586 | 5.215 | 261.9E6 | 102.1E6  | 500.000 | 500.000 |
| 25) L5 AR-1248-5            | 5.628 | 5.606 | 186.2E6 | 98954091 | 500.000 | 500.000 |
| -----                       |       |       |         |          |         |         |

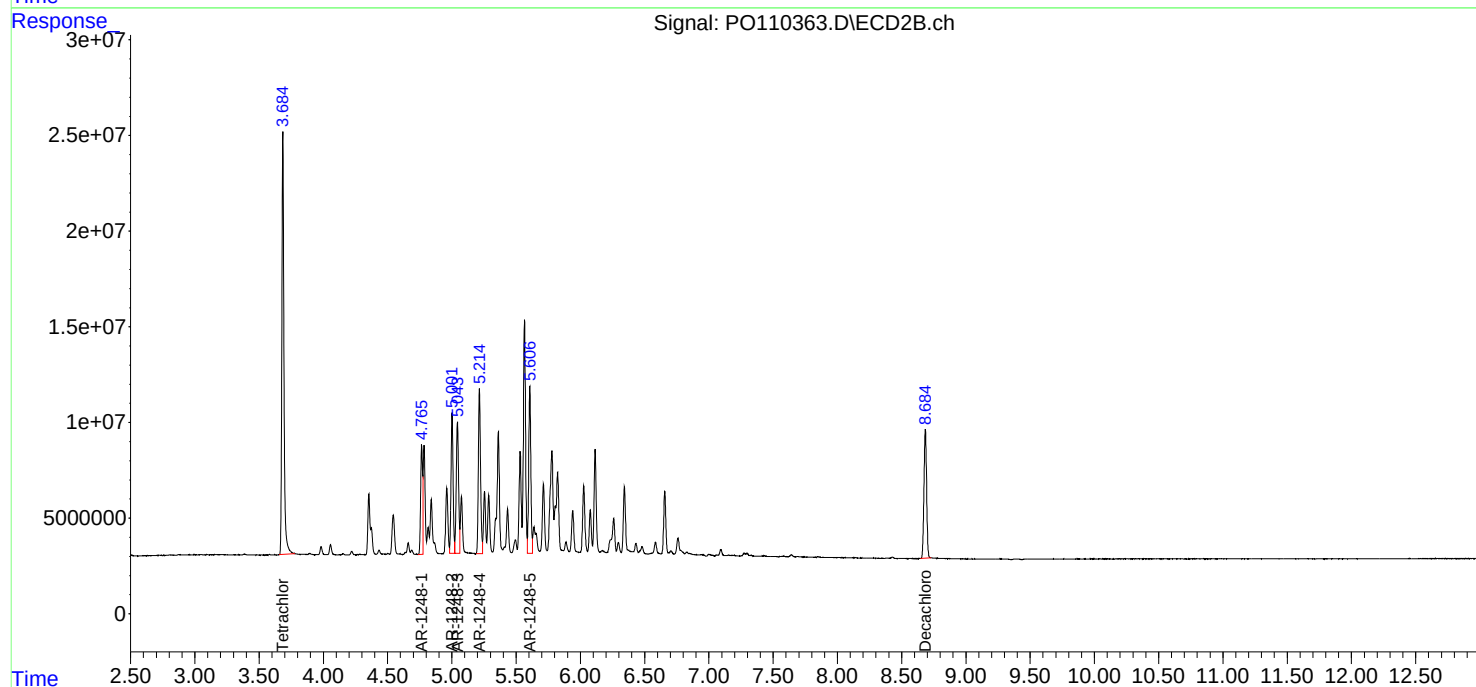
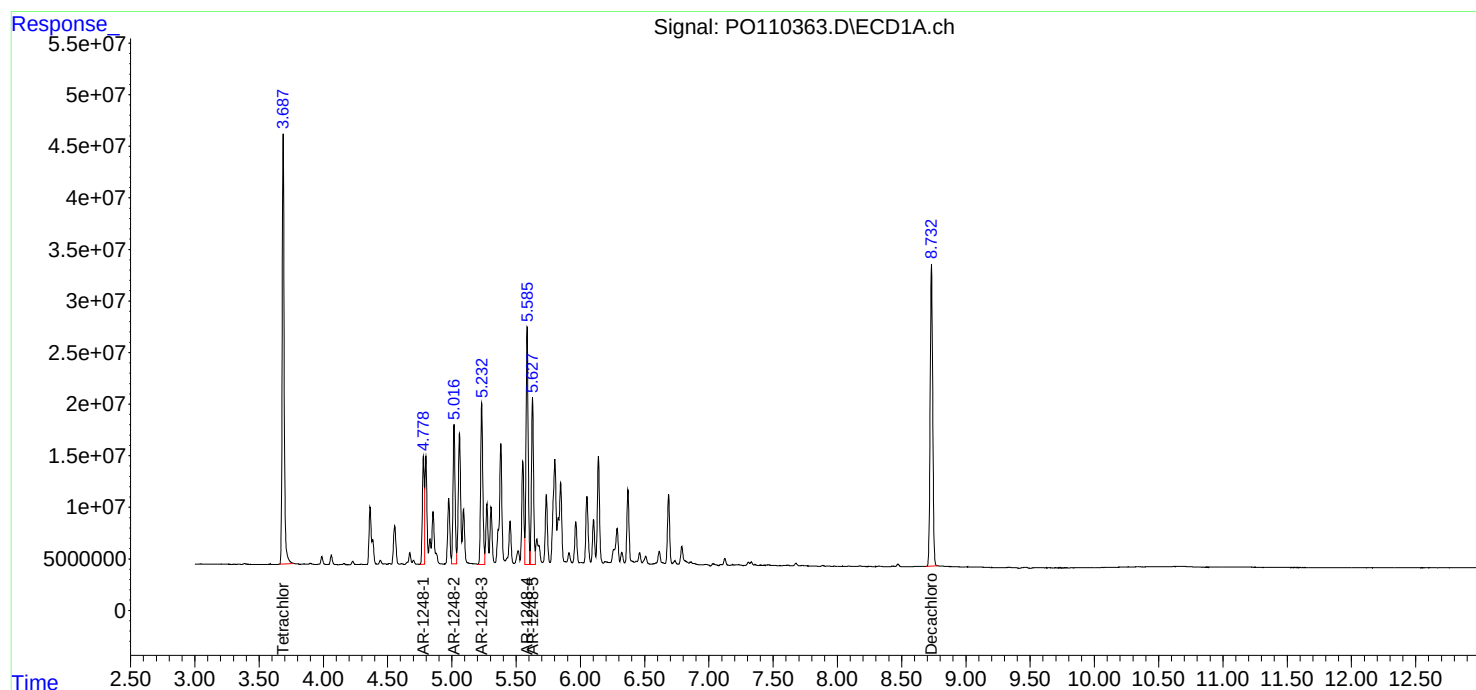
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO041025\  
Data File : PO110363.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Apr 2025 13:53  
Operator : YP/AJ  
Sample : AR1248ICC500  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 10 14:03:34 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO041025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Apr 10 14:03:21 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0041025\  
 Data File : P0110364.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Apr 2025 14:11  
 Operator : YP/AJ  
 Sample : AR1248ICC250  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1248ICC250

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 10 14:22:41 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0041025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Apr 10 14:22:27 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|----------|---------|---------|
| -----                       |       |       |          |          |         |         |
| System Monitoring Compounds |       |       |          |          |         |         |
| 1) SA Tetrachlo...          | 3.688 | 3.685 | 221.9E6  | 124.9E6  | 25.300  | 25.319  |
| 2) SA Decachlor...          | 8.732 | 8.684 | 209.6E6  | 50390082 | 26.607  | 27.324  |
| Target Compounds            |       |       |          |          |         |         |
| 21) L5 AR-1248-1            | 4.779 | 4.766 | 56940091 | 30514286 | 268.339 | 267.663 |
| 22) L5 AR-1248-2            | 5.018 | 5.002 | 78187177 | 43024876 | 268.755 | 270.149 |
| 23) L5 AR-1248-3            | 5.232 | 5.044 | 100.5E6  | 46712689 | 274.798 | 272.972 |
| 24) L5 AR-1248-4            | 5.586 | 5.214 | 138.1E6  | 54859460 | 269.040 | 273.671 |
| 25) L5 AR-1248-5            | 5.628 | 5.607 | 98878039 | 52576565 | 270.532 | 270.499 |
| -----                       |       |       |          |          |         |         |

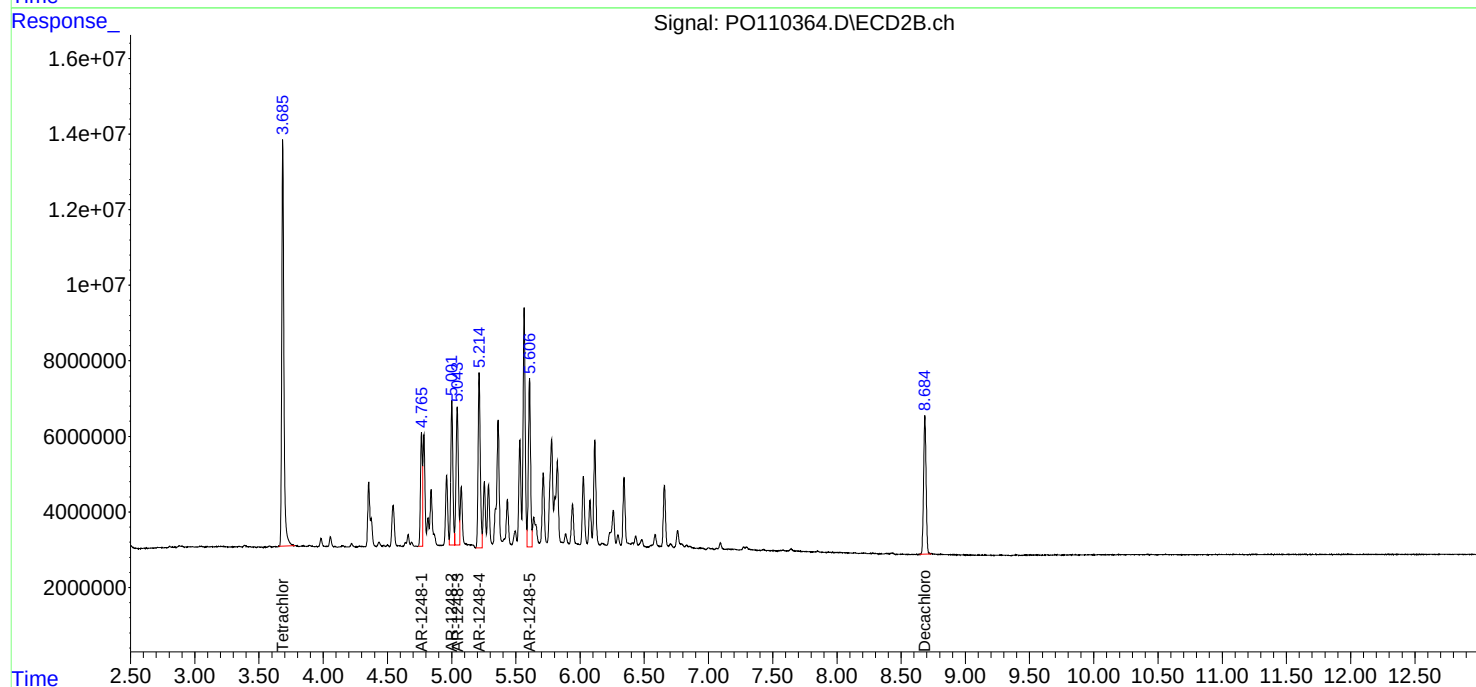
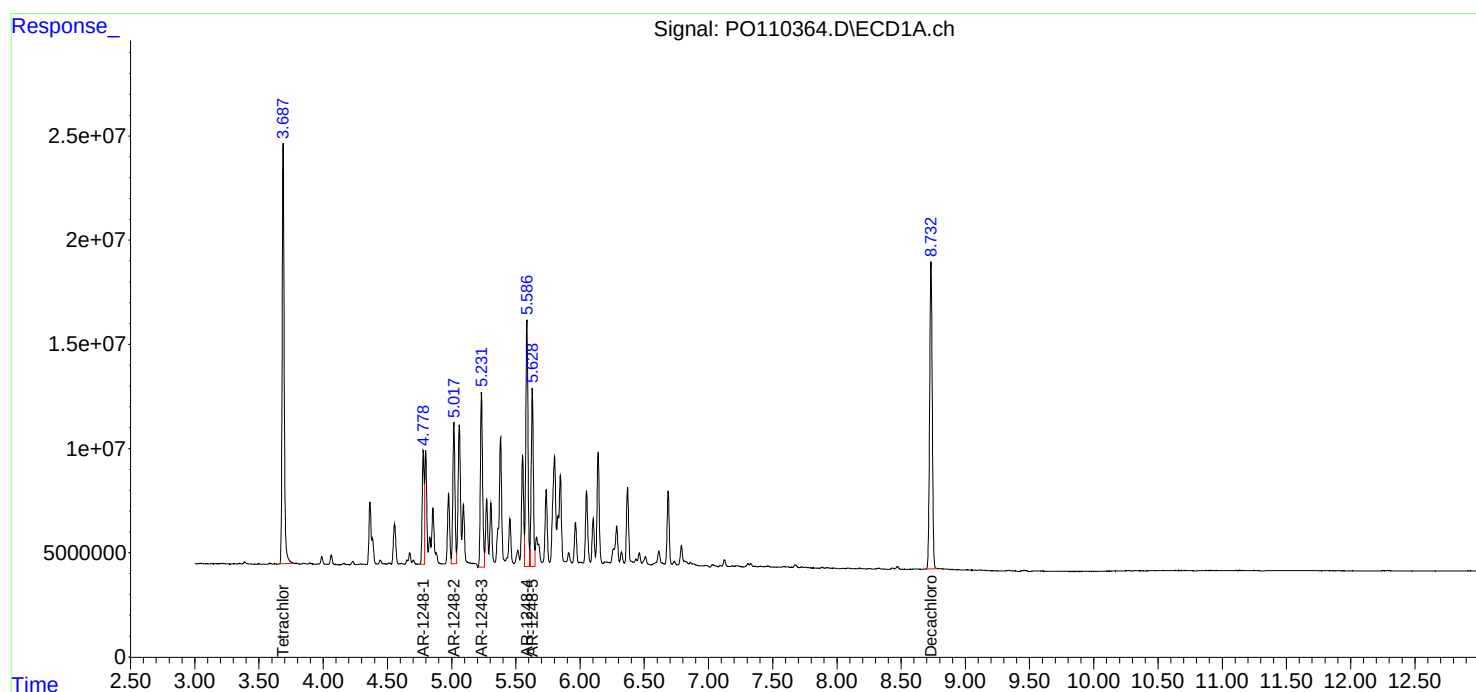
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO041025\  
Data File : PO110364.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Apr 2025 14:11  
Operator : YP/AJ  
Sample : AR1248ICC250  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248ICC250

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 10 14:22:41 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO041025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Apr 10 14:22:27 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0041025\  
 Data File : P0110365.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Apr 2025 14:30  
 Operator : YP/AJ  
 Sample : AR1248ICC050  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1248ICC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 10 14:40:35 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0041025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Apr 10 14:40:24 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-------|-------|----------|----------|--------|--------|
| -----                       |       |       |          |          |        |        |
| System Monitoring Compounds |       |       |          |          |        |        |
| 1) SA Tetrachlo...          | 3.687 | 3.684 | 39393478 | 22189412 | 4.585  | 4.589  |
| 2) SA Decachlor...          | 8.731 | 8.683 | 41107420 | 10123504 | 5.174  | 5.384  |
|                             |       |       |          |          |        |        |
| Target Compounds            |       |       |          |          |        |        |
| 21) L5 AR-1248-1            | 4.778 | 4.764 | 10770182 | 5982472  | 50.603 | 51.962 |
| 22) L5 AR-1248-2            | 5.017 | 5.001 | 15796625 | 8867896  | 53.380 | 54.443 |
| 23) L5 AR-1248-3            | 5.231 | 5.043 | 19335025 | 9738708  | 52.262 | 55.379 |
| 24) L5 AR-1248-4            | 5.585 | 5.214 | 27315770 | 10828083 | 52.527 | 53.163 |
| 25) L5 AR-1248-5            | 5.627 | 5.605 | 19257467 | 10475122 | 52.128 | 53.067 |
| -----                       |       |       |          |          |        |        |

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

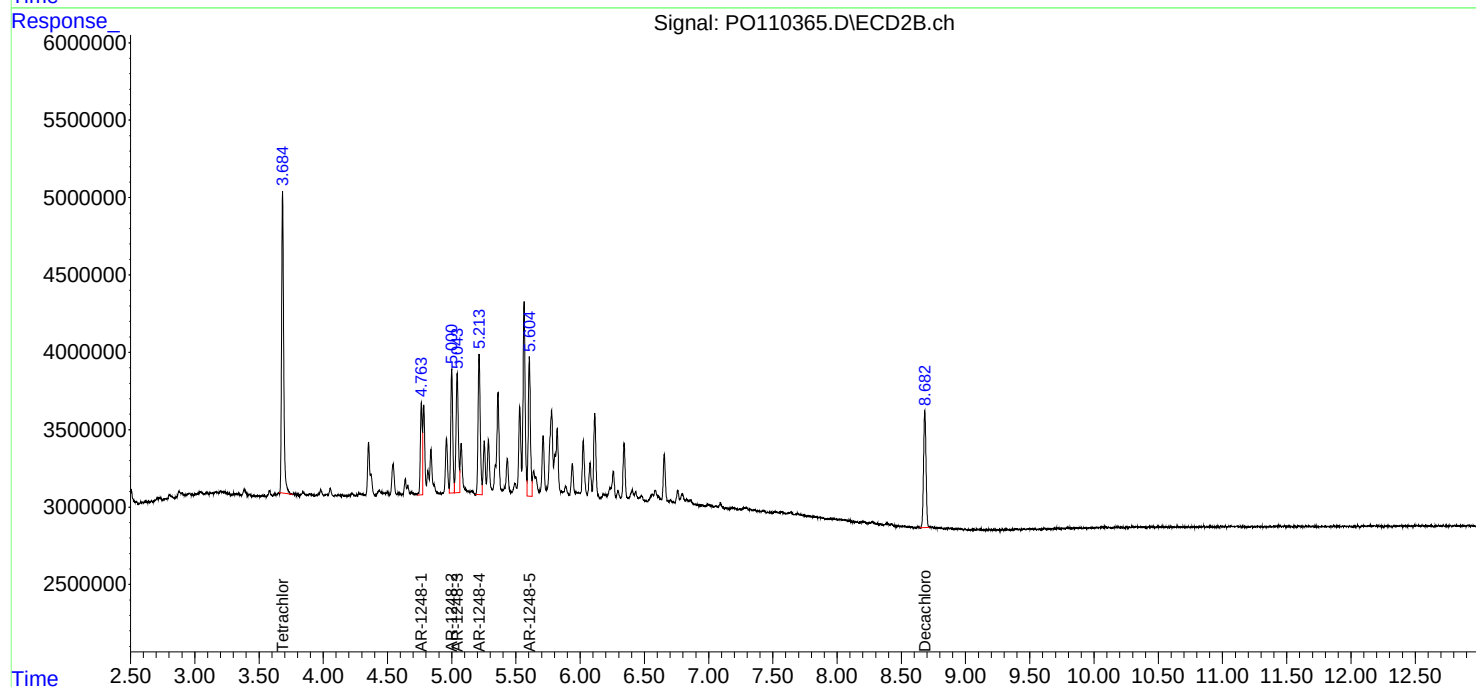
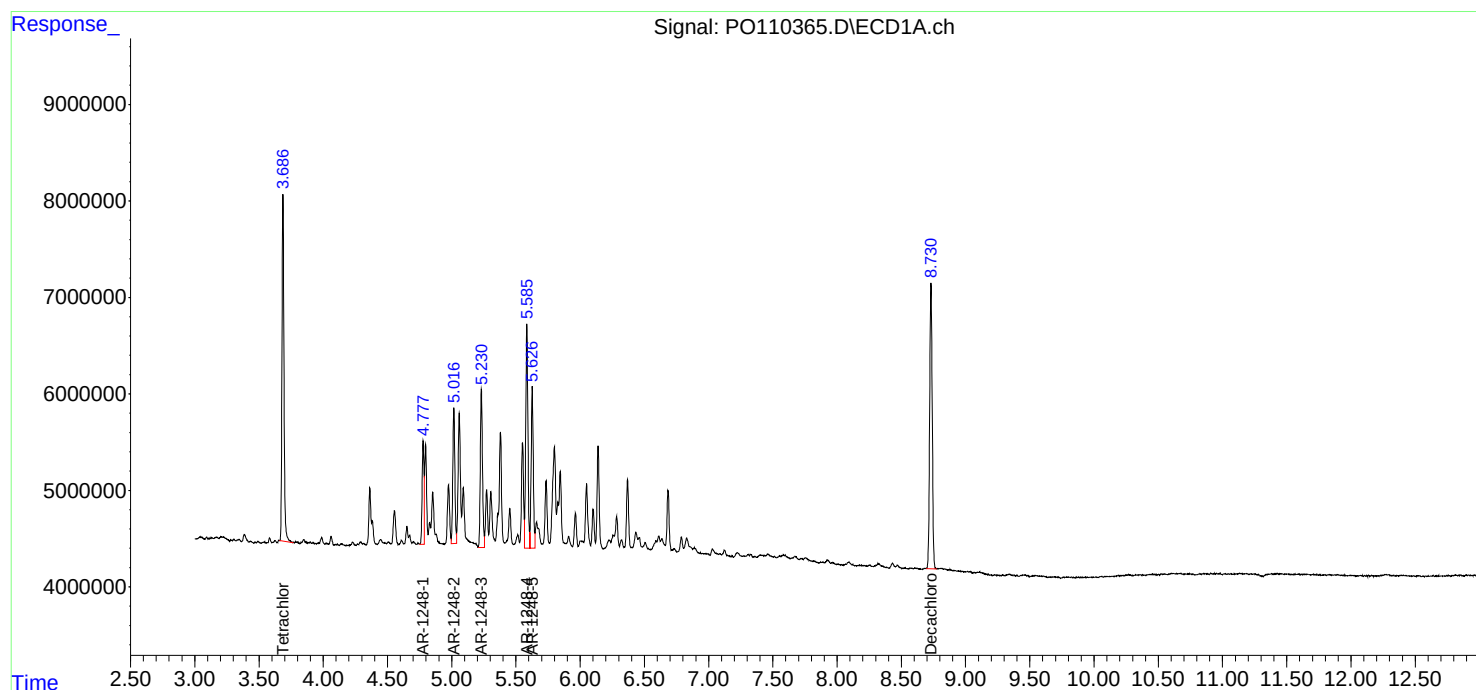


Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO041025\  
Data File : PO110365.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Apr 2025 14:30  
Operator : YP/AJ  
Sample : AR1248ICC050  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1248ICC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 10 14:40:35 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO041025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Apr 10 14:40:24 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0041025\  
 Data File : P0110366.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Apr 2025 14:48  
 Operator : YP/AJ  
 Sample : AR1254ICC1000  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1254ICC1000

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 10 15:41:12 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0041025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Apr 10 15:38:18 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1  | Resp#2  | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|---------|---------|---------|---------|
| -----                       |       |       |         |         |         |         |
| System Monitoring Compounds |       |       |         |         |         |         |
| 1) SA Tetrachlo...          | 3.688 | 3.685 | 866.5E6 | 486.6E6 | 99.747  | 99.926  |
| 2) SA Decachlor...          | 8.733 | 8.684 | 761.3E6 | 167.3E6 | 96.636  | 93.604  |
|                             |       |       |         |         |         |         |
| Target Compounds            |       |       |         |         |         |         |
| 26) L6 AR-1254-1            | 5.587 | 5.566 | 517.2E6 | 275.5E6 | 964.265 | 963.531 |
| 27) L6 AR-1254-2            | 5.736 | 5.713 | 450.8E6 | 239.9E6 | 970.858 | 963.389 |
| 28) L6 AR-1254-3            | 6.142 | 6.117 | 746.2E6 | 380.0E6 | 977.998 | 969.945 |
| 29) L6 AR-1254-4            | 6.371 | 6.344 | 460.1E6 | 215.9E6 | 968.424 | 969.951 |
| 30) L6 AR-1254-5            | 6.790 | 6.761 | 657.6E6 | 307.7E6 | 969.952 | 963.966 |
| -----                       |       |       |         |         |         |         |

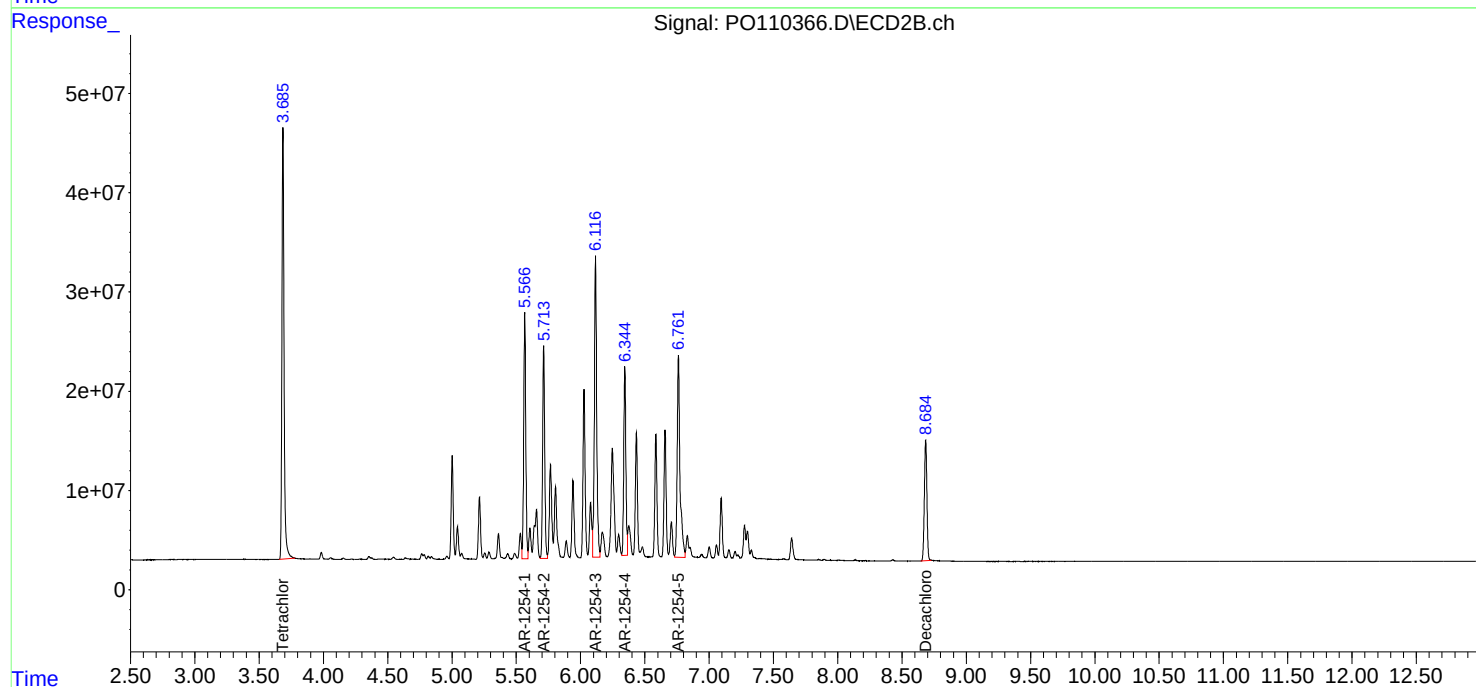
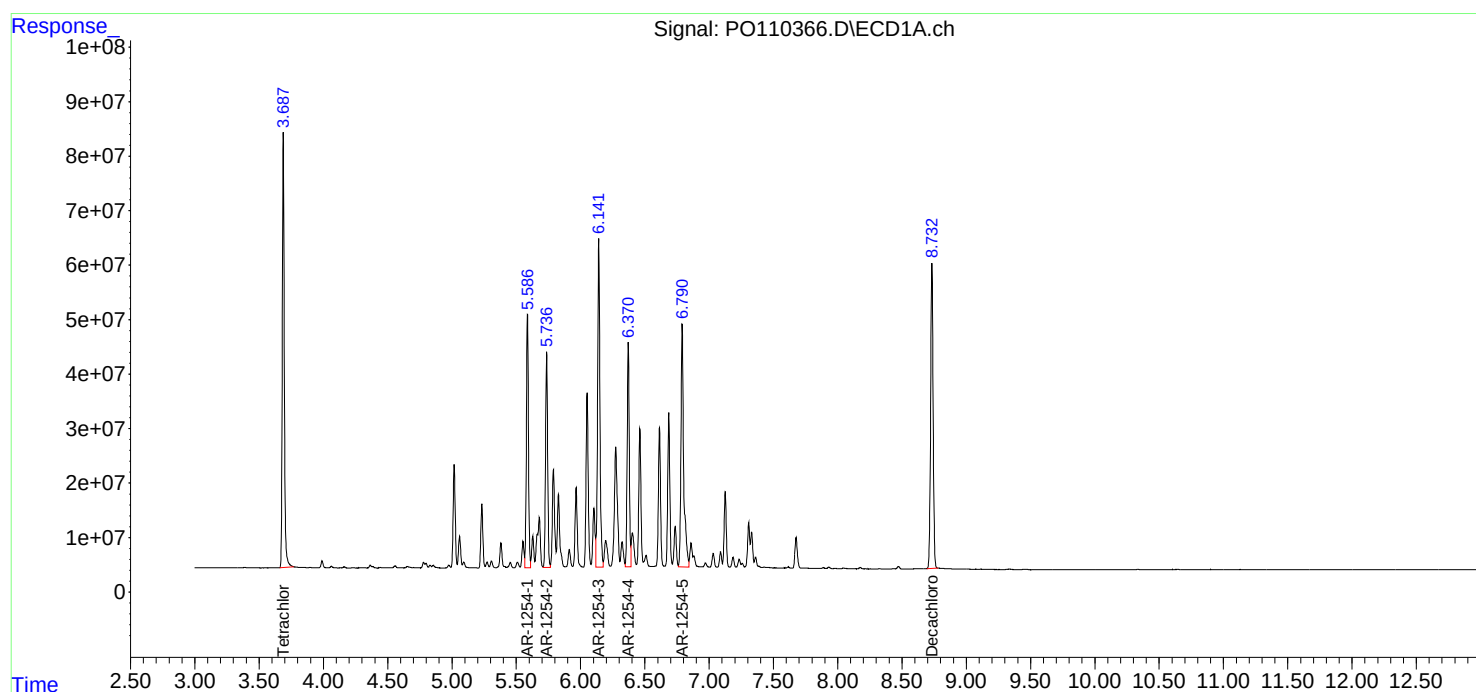
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO041025\  
Data File : PO110366.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Apr 2025 14:48  
Operator : YP/AJ  
Sample : AR1254ICC1000  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254ICC1000

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 10 15:41:12 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO041025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Apr 10 15:38:18 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0041025\  
 Data File : P0110367.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Apr 2025 15:06  
 Operator : YP/AJ  
 Sample : AR1254ICC750  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1254ICC750

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 10 15:44:37 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0041025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Apr 10 15:38:18 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1  | Resp#2  | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|---------|---------|---------|---------|
| -----                       |       |       |         |         |         |         |
| System Monitoring Compounds |       |       |         |         |         |         |
| 1) SA Tetrachlo...          | 3.688 | 3.685 | 661.9E6 | 372.0E6 | 75.795  | 75.921  |
| 2) SA Decachlor...          | 8.732 | 8.684 | 591.5E6 | 134.6E6 | 75.055  | 75.216  |
| Target Compounds            |       |       |         |         |         |         |
| 26) L6 AR-1254-1            | 5.587 | 5.566 | 402.3E6 | 214.0E6 | 750.022 | 748.992 |
| 27) L6 AR-1254-2            | 5.736 | 5.714 | 351.2E6 | 186.9E6 | 754.162 | 750.330 |
| 28) L6 AR-1254-3            | 6.141 | 6.116 | 576.8E6 | 294.3E6 | 754.032 | 750.876 |
| 29) L6 AR-1254-4            | 6.370 | 6.344 | 355.5E6 | 166.8E6 | 748.724 | 749.718 |
| 30) L6 AR-1254-5            | 6.790 | 6.761 | 508.6E6 | 239.6E6 | 750.141 | 750.401 |
| -----                       |       |       |         |         |         |         |

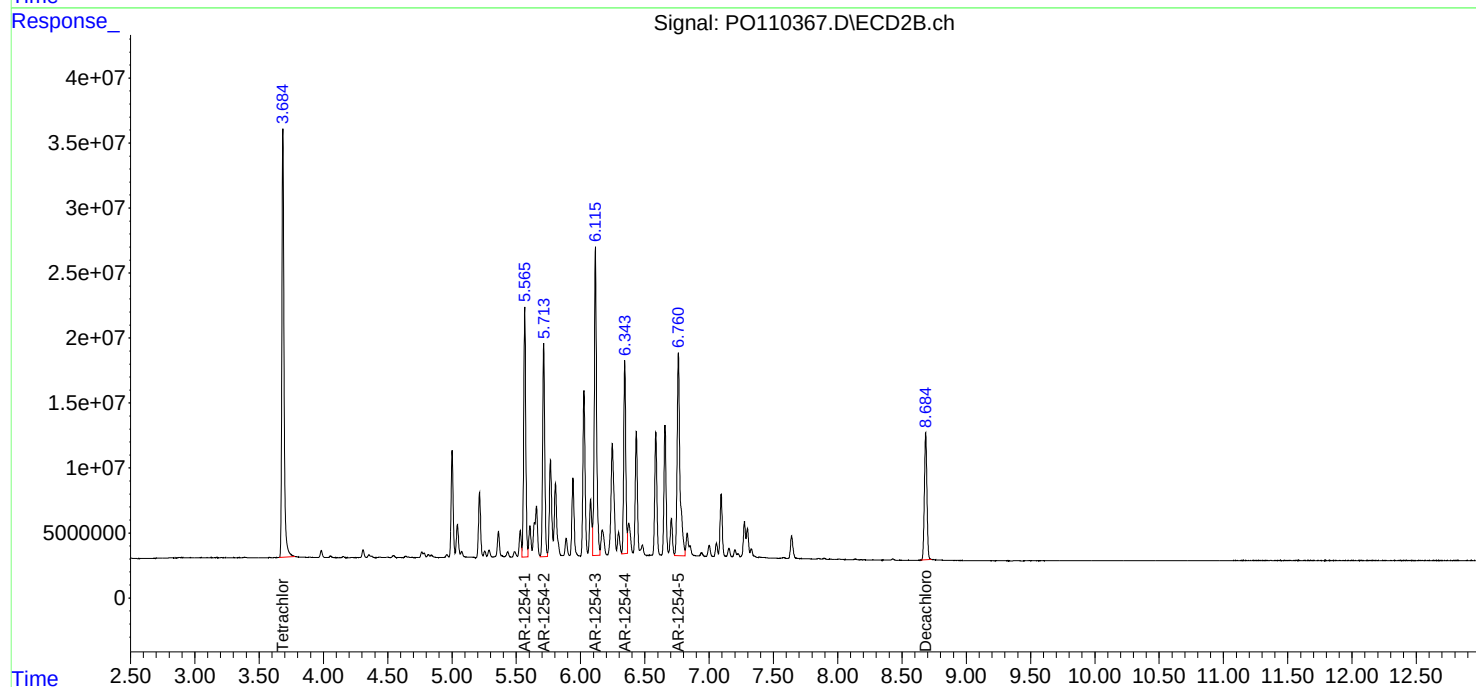
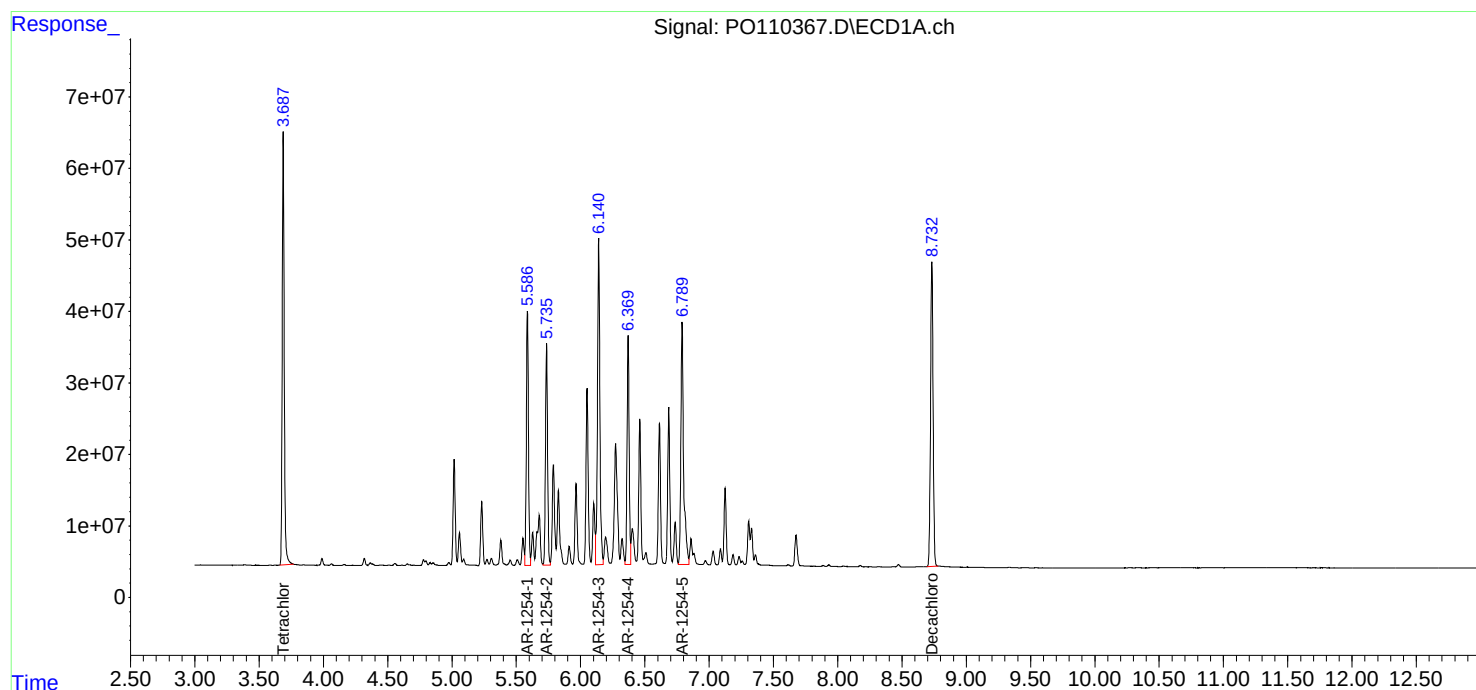
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO041025\  
Data File : PO110367.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Apr 2025 15:06  
Operator : YP/AJ  
Sample : AR1254ICC750  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254ICC750

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 10 15:44:37 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO041025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Apr 10 15:38:18 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0041025\  
 Data File : P0110368.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Apr 2025 15:25  
 Operator : YP/AJ  
 Sample : AR1254ICC500  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1254ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 10 15:38:32 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0041025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Apr 10 15:38:18 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|---------|----------|---------|---------|
| -----                       |       |       |         |          |         |         |
| System Monitoring Compounds |       |       |         |          |         |         |
| 1) SA Tetrachlo...          | 3.688 | 3.685 | 435.5E6 | 243.6E6  | 50.000  | 50.000  |
| 2) SA Decachlor...          | 8.733 | 8.684 | 407.1E6 | 95066339 | 50.000  | 50.000  |
| Target Compounds            |       |       |         |          |         |         |
| 26) L6 AR-1254-1            | 5.587 | 5.566 | 277.8E6 | 148.2E6  | 500.000 | 500.000 |
| 27) L6 AR-1254-2            | 5.735 | 5.714 | 238.9E6 | 129.1E6  | 500.000 | 500.000 |
| 28) L6 AR-1254-3            | 6.141 | 6.115 | 389.9E6 | 201.8E6  | 500.000 | 500.000 |
| 29) L6 AR-1254-4            | 6.370 | 6.343 | 245.1E6 | 114.6E6  | 500.000 | 500.000 |
| 30) L6 AR-1254-5            | 6.790 | 6.761 | 349.2E6 | 165.4E6  | 500.000 | 500.000 |
| -----                       |       |       |         |          |         |         |

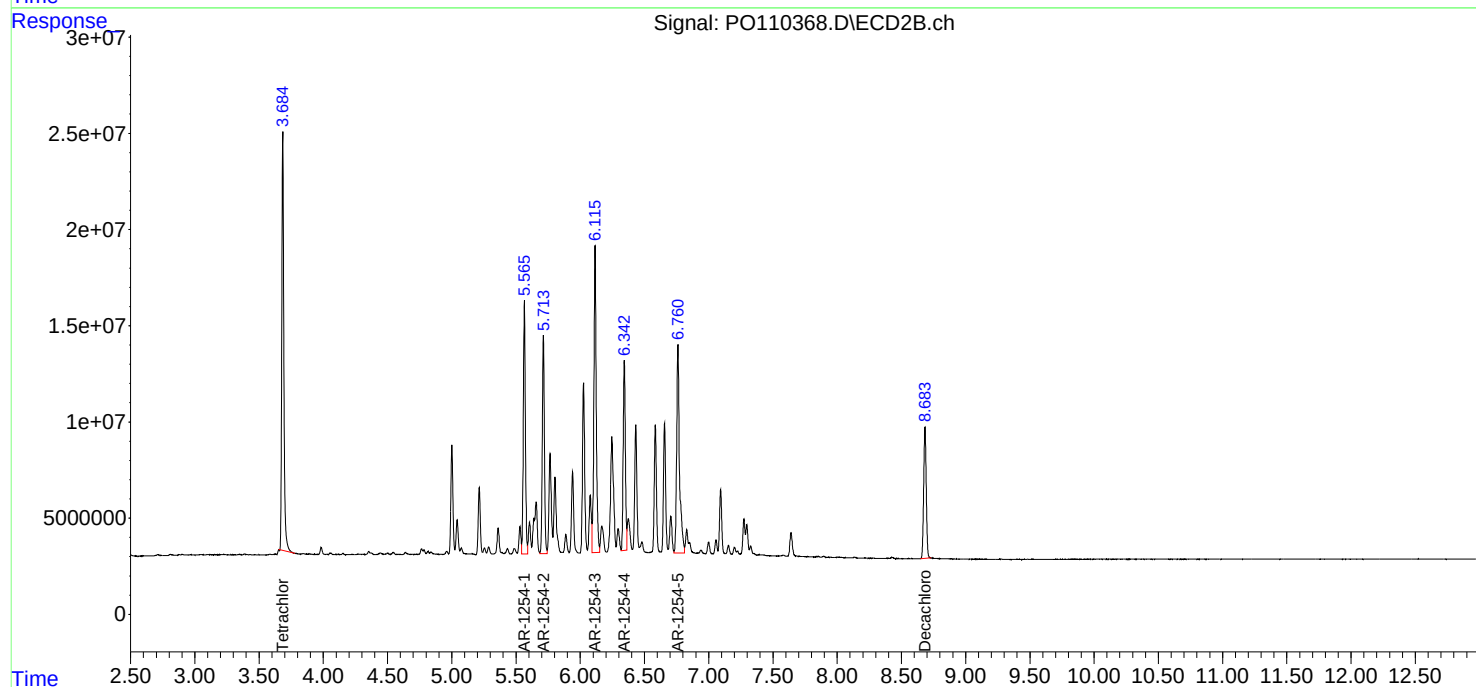
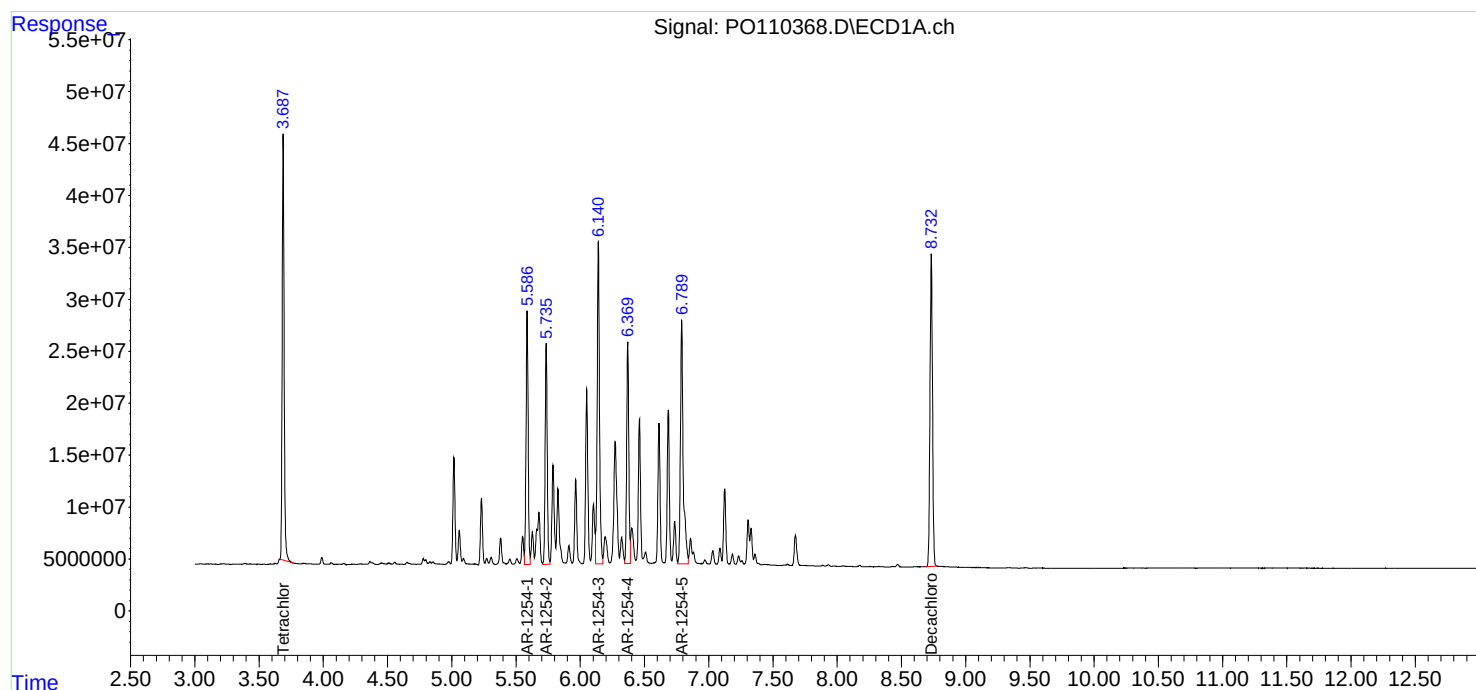
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO041025\  
Data File : PO110368.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Apr 2025 15:25  
Operator : YP/AJ  
Sample : AR1254ICC500  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 10 15:38:32 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO041025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Apr 10 15:38:18 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0041025\  
 Data File : P0110369.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Apr 2025 15:43  
 Operator : YP/AJ  
 Sample : AR1254ICC250  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1254ICC250

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 10 16:25:38 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0041025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Apr 10 16:25:25 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|---------|----------|---------|---------|
| -----                       |       |       |         |          |         |         |
| System Monitoring Compounds |       |       |         |          |         |         |
| 1) SA Tetrachlo...          | 3.687 | 3.684 | 224.4E6 | 126.5E6  | 25.514  | 25.603  |
| 2) SA Decachlor...          | 8.732 | 8.683 | 212.0E6 | 52144786 | 26.397  | 27.980  |
|                             |       |       |         |          |         |         |
| Target Compounds            |       |       |         |          |         |         |
| 26) L6 AR-1254-1            | 5.586 | 5.565 | 145.4E6 | 77697153 | 265.491 | 266.067 |
| 27) L6 AR-1254-2            | 5.735 | 5.713 | 126.7E6 | 68670177 | 266.212 | 268.785 |
| 28) L6 AR-1254-3            | 6.140 | 6.115 | 202.8E6 | 104.4E6  | 261.133 | 261.974 |
| 29) L6 AR-1254-4            | 6.370 | 6.343 | 126.3E6 | 59656850 | 261.911 | 263.335 |
| 30) L6 AR-1254-5            | 6.789 | 6.760 | 181.1E6 | 86716902 | 262.640 | 265.840 |
| -----                       |       |       |         |          |         |         |

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

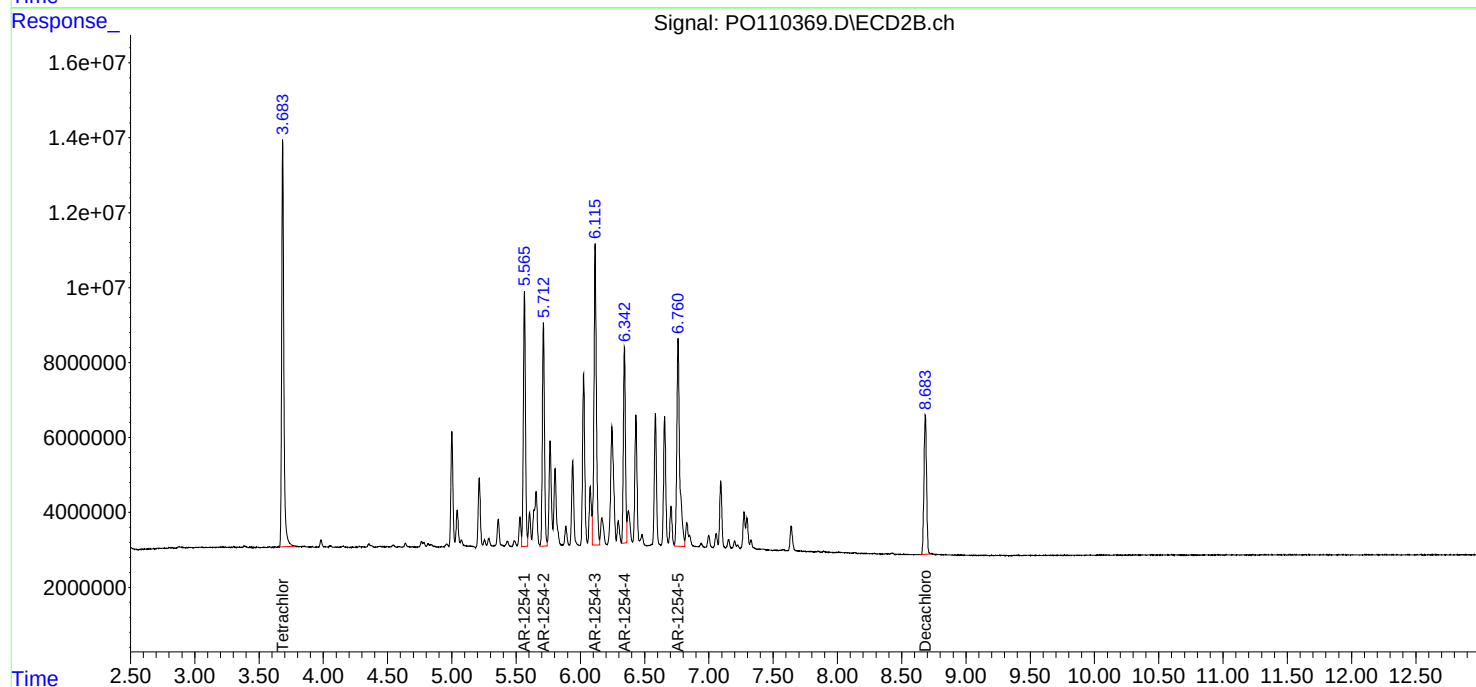
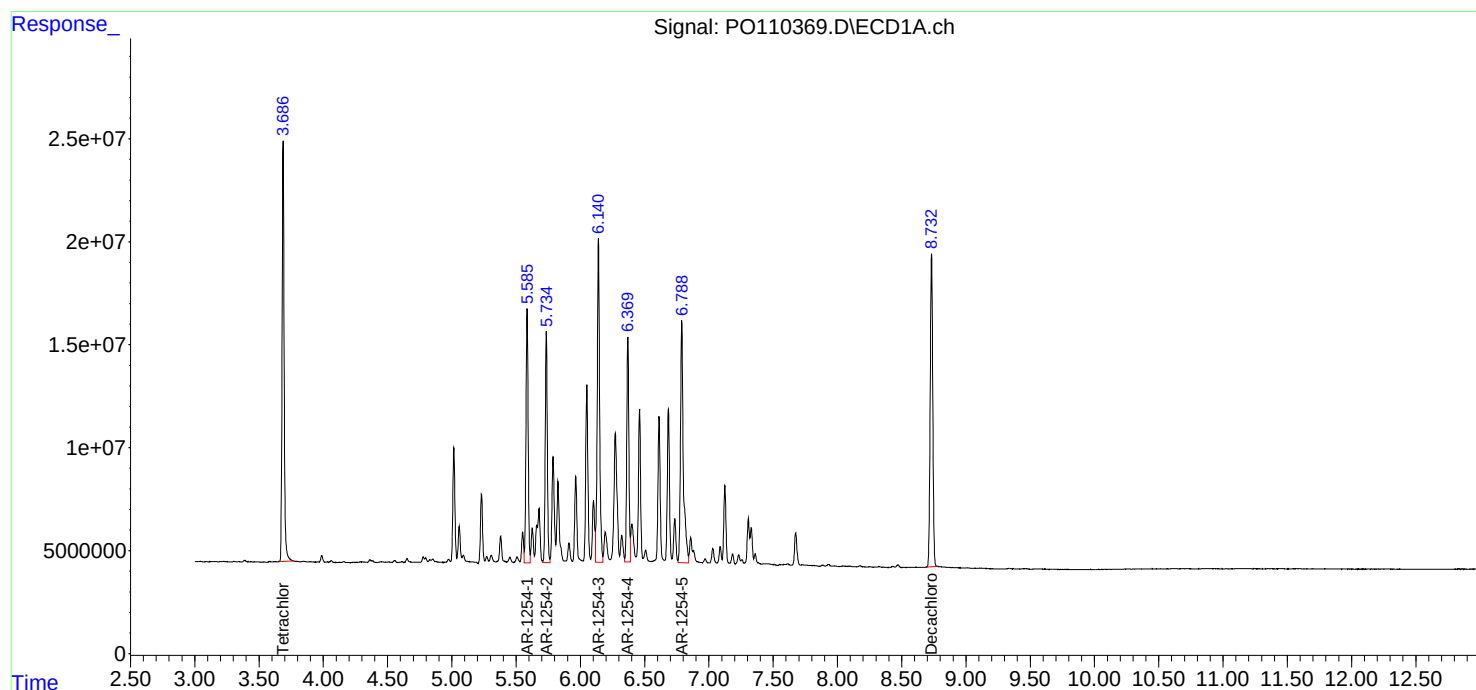


Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO041025\  
Data File : PO110369.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Apr 2025 15:43  
Operator : YP/AJ  
Sample : AR1254ICC250  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254ICC250

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 10 16:25:38 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO041025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Apr 10 16:25:25 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0041025\  
 Data File : P0110370.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Apr 2025 16:02  
 Operator : YP/AJ  
 Sample : AR1254ICC050  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1254ICC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 10 16:28:25 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0041025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Apr 10 16:28:14 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-------|-------|----------|----------|--------|--------|
| -----                       |       |       |          |          |        |        |
| System Monitoring Compounds |       |       |          |          |        |        |
| 1) SA Tetrachlo...          | 3.688 | 3.685 | 41787473 | 23807736 | 4.800  | 4.855  |
| 2) SA Decachlor...          | 8.732 | 8.682 | 43595137 | 10662424 | 5.337  | 5.561  |
|                             |       |       |          |          |        |        |
| Target Compounds            |       |       |          |          |        |        |
| 26) L6 AR-1254-1            | 5.587 | 5.566 | 29959251 | 16970498 | 53.691 | 56.287 |
| 27) L6 AR-1254-2            | 5.736 | 5.713 | 26243794 | 15074639 | 54.033 | 56.953 |
| 28) L6 AR-1254-3            | 6.141 | 6.115 | 40497442 | 21185447 | 51.706 | 52.515 |
| 29) L6 AR-1254-4            | 6.370 | 6.343 | 25419174 | 12119451 | 52.131 | 52.759 |
| 30) L6 AR-1254-5            | 6.790 | 6.760 | 37285913 | 17832984 | 53.197 | 53.667 |
| -----                       |       |       |          |          |        |        |

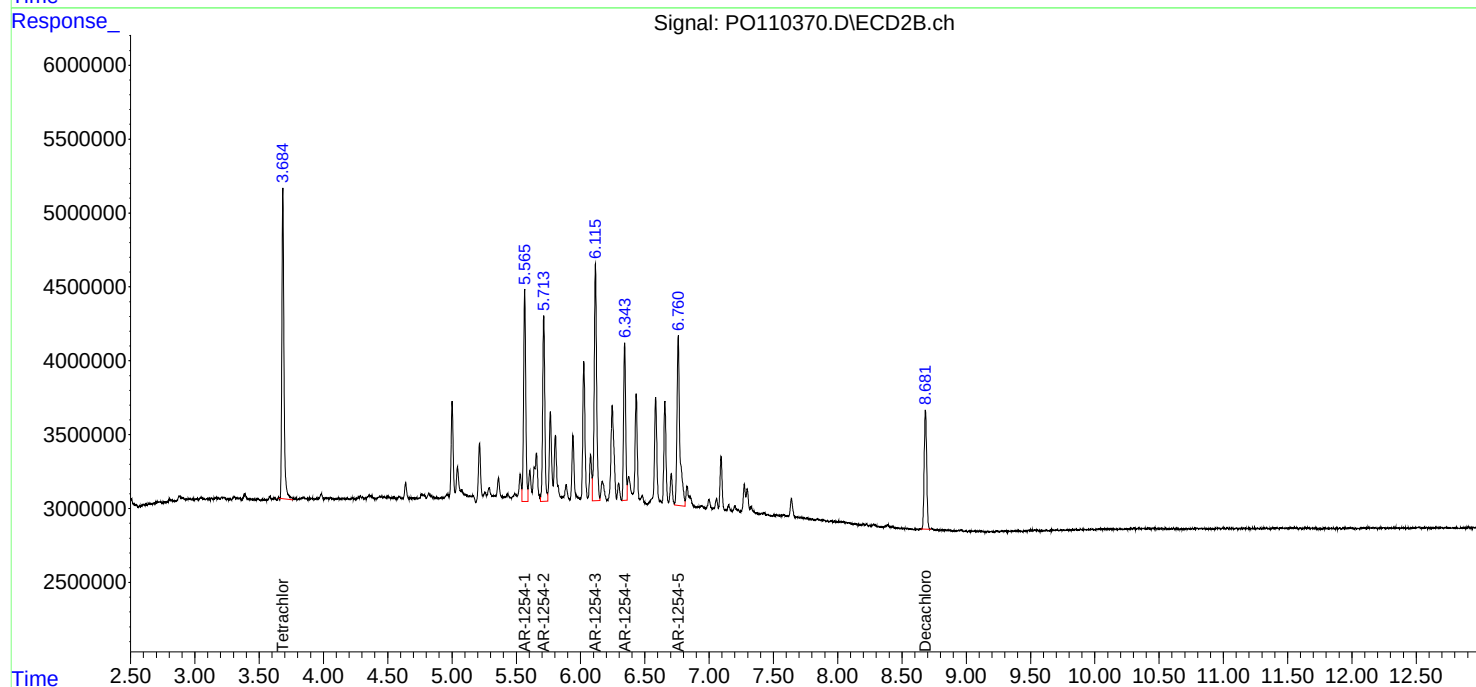
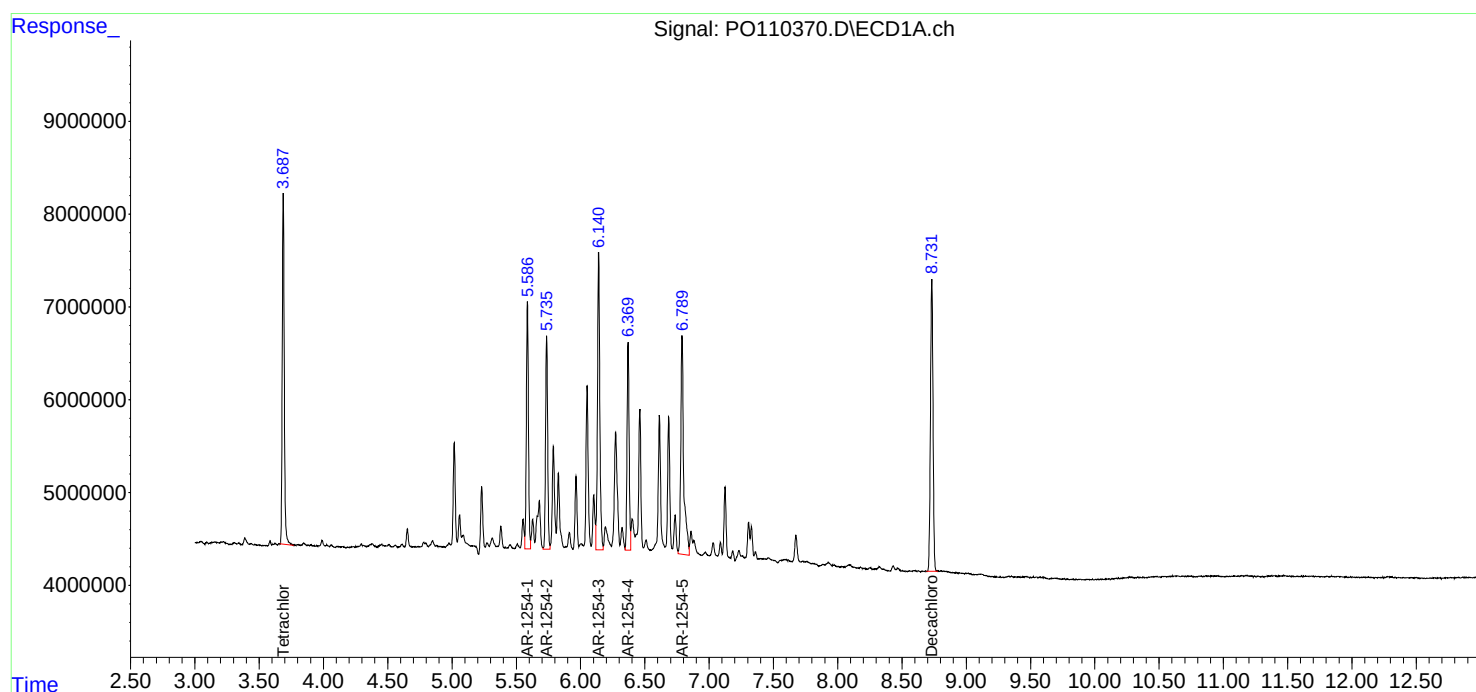
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO041025\  
Data File : PO110370.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Apr 2025 16:02  
Operator : YP/AJ  
Sample : AR1254ICC050  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1254ICC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 10 16:28:25 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO041025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Apr 10 16:28:14 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0041025\  
 Data File : P0110371.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Apr 2025 16:20  
 Operator : YP/AJ  
 Sample : AR1262ICC500  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1262ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 10 16:33:15 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0041025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Apr 10 16:33:00 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|---------|----------|---------|---------|
| -----                       |       |       |         |          |         |         |
| System Monitoring Compounds |       |       |         |          |         |         |
| 1) SA Tetrachlo...          | 3.687 | 3.685 | 436.1E6 | 244.3E6  | 50.000  | 50.000  |
| 2) SA Decachlor...          | 8.732 | 8.684 | 395.3E6 | 92706545 | 50.000  | 50.000  |
| Target Compounds            |       |       |         |          |         |         |
| 36) L8 AR-1262-1            | 6.829 | 6.799 | 350.7E6 | 164.7E6  | 500.000 | 500.000 |
| 37) L8 AR-1262-2            | 7.331 | 7.298 | 603.9E6 | 254.2E6  | 500.000 | 500.000 |
| 38) L8 AR-1262-3            | 7.615 | 7.581 | 254.6E6 | 96815138 | 500.000 | 500.000 |
| 39) L8 AR-1262-4            | 7.679 | 7.644 | 448.1E6 | 173.5E6  | 500.000 | 500.000 |
| 40) L8 AR-1262-5            | 8.175 | 8.137 | 201.5E6 | 62297516 | 500.000 | 500.000 |
| -----                       |       |       |         |          |         |         |

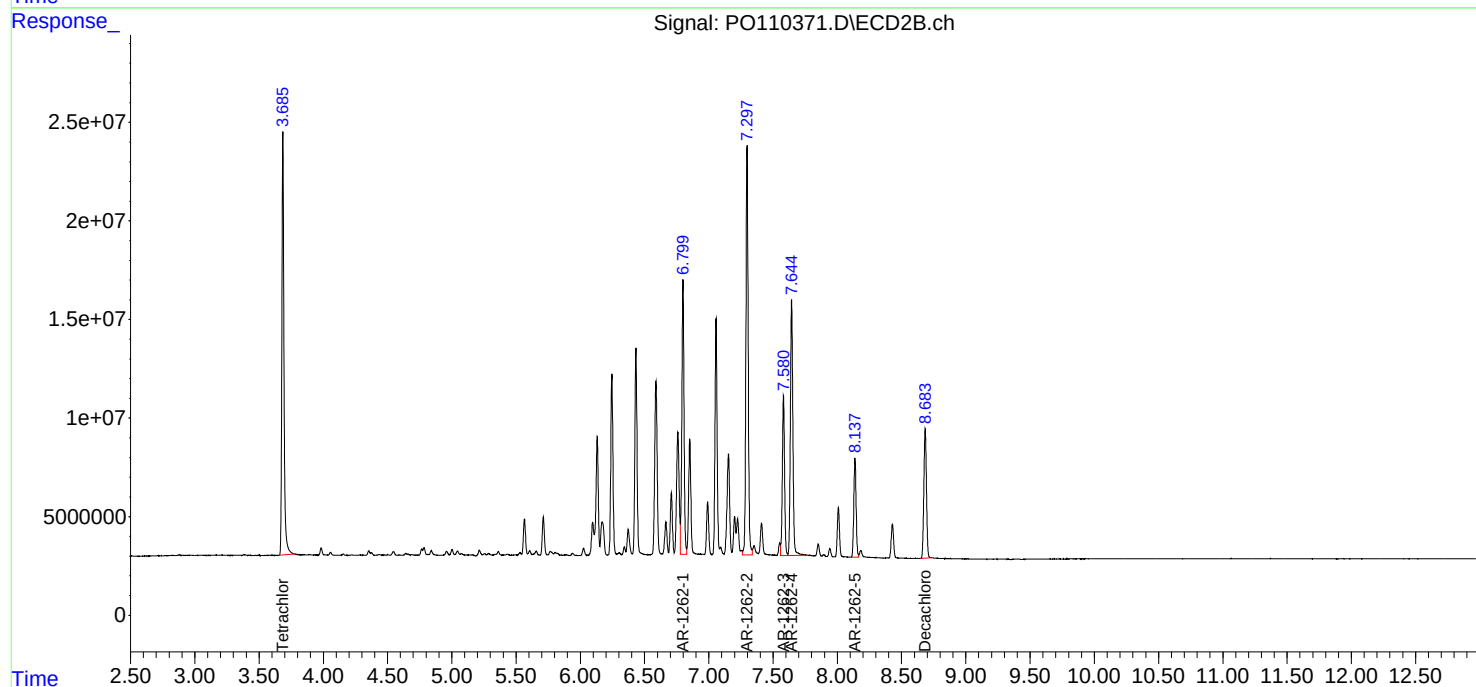
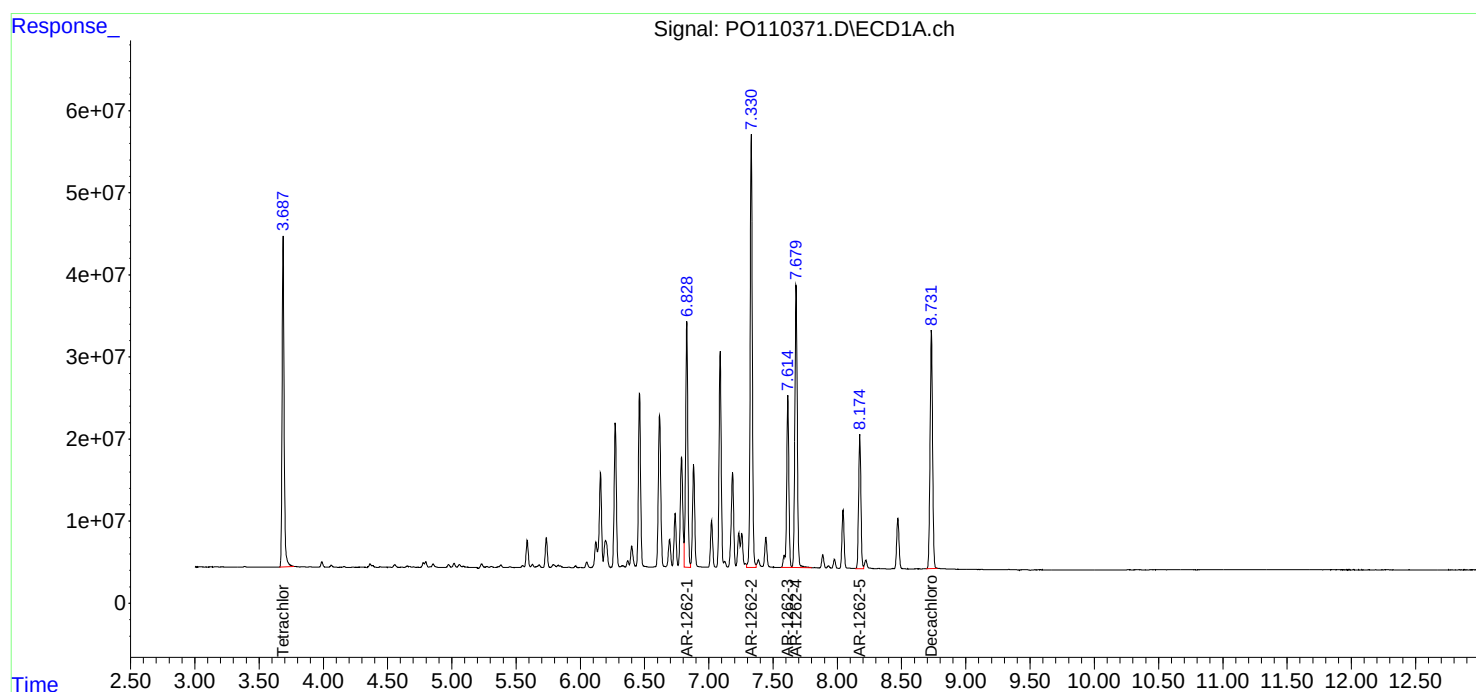
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO041025\  
Data File : PO110371.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Apr 2025 16:20  
Operator : YP/AJ  
Sample : AR1262ICC500  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1262ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 10 16:33:15 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO041025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Apr 10 16:33:00 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0041025\  
 Data File : P0110372.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Apr 2025 16:38  
 Operator : YP/AJ  
 Sample : AR1268ICC1000  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1268ICC1000

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 10 18:27:43 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0041025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Apr 10 18:23:57 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2  | ng/ml    | ng/ml   |
|-----------------------------|-------|-------|----------|---------|----------|---------|
| -----                       |       |       |          |         |          |         |
| System Monitoring Compounds |       |       |          |         |          |         |
| 1) SA Tetrachlo...          | 3.688 | 3.684 | 884.3E6  | 497.4E6 | 102.204  | 102.064 |
| 2) SA Decachlor...          | 8.732 | 8.684 | 1400.9E6 | 301.8E6 | 98.671   | 95.869  |
| Target Compounds            |       |       |          |         |          |         |
| 41) L9 AR-1268-1            | 7.615 | 7.581 | 1383.6E6 | 525.2E6 | 990.863  | 980.668 |
| 42) L9 AR-1268-2            | 7.680 | 7.646 | 1284.7E6 | 480.6E6 | 996.216  | 982.242 |
| 43) L9 AR-1268-3            | 7.887 | 7.852 | 1040.5E6 | 351.9E6 | 994.813  | 974.012 |
| 44) L9 AR-1268-4            | 8.175 | 8.137 | 443.2E6  | 132.4E6 | 1001.524 | 967.863 |
| 45) L9 AR-1268-5            | 8.471 | 8.429 | 3289.1E6 | 751.7E6 | 1000.454 | 973.760 |
| -----                       |       |       |          |         |          |         |

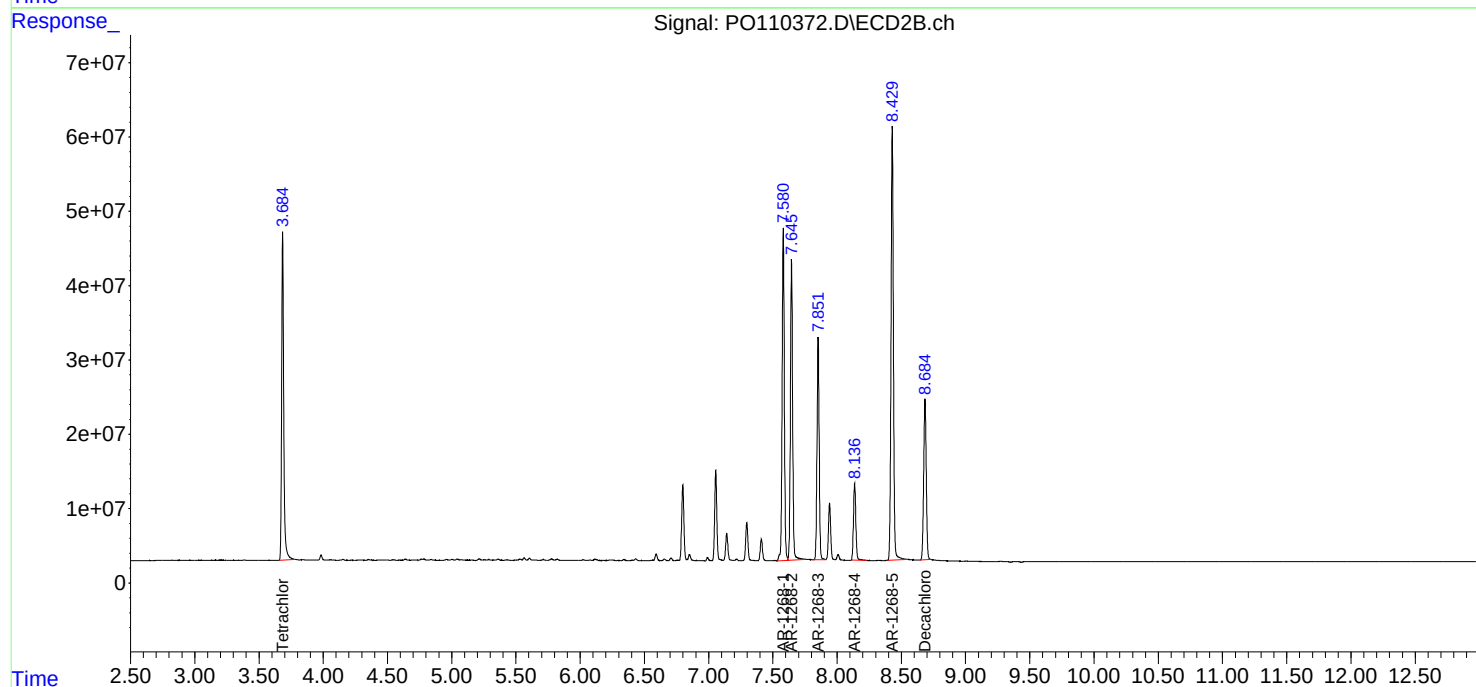
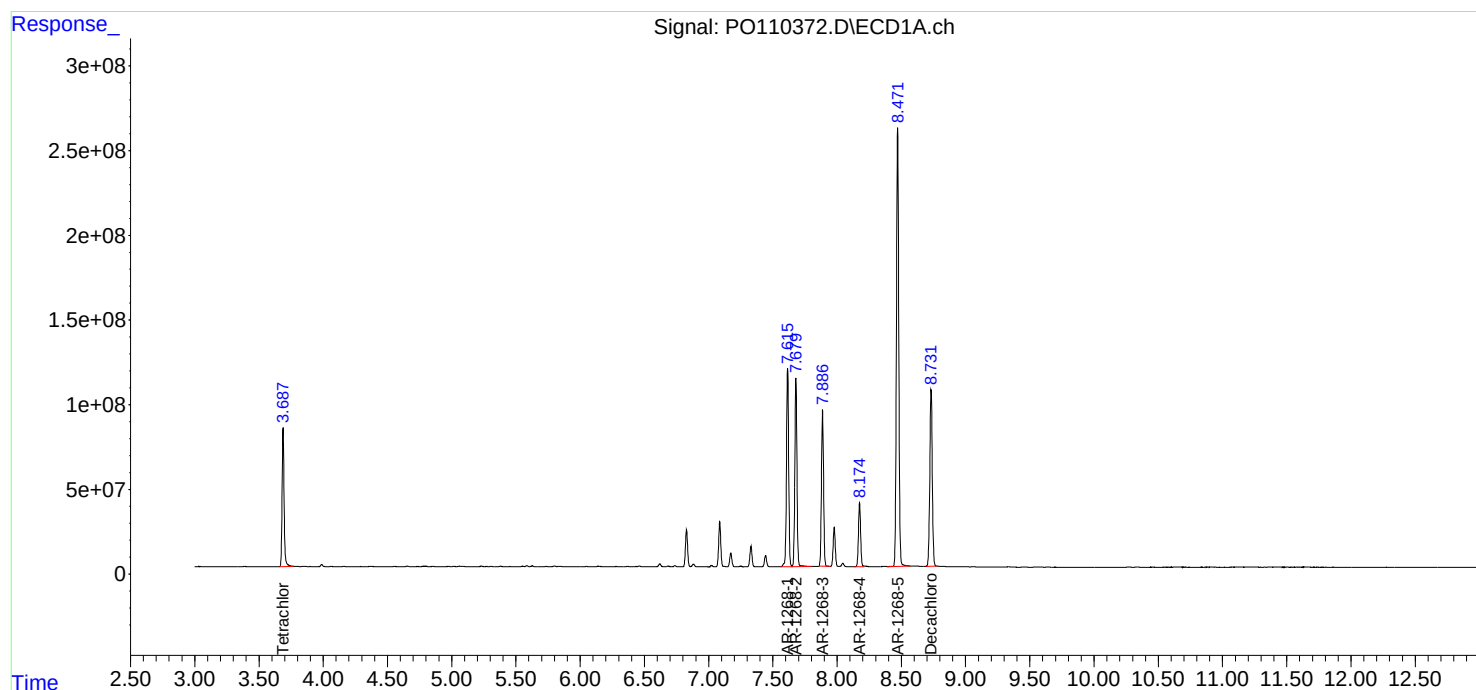
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO041025\  
Data File : PO110372.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Apr 2025 16:38  
Operator : YP/AJ  
Sample : AR1268ICC1000  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1268ICC1000

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 10 18:27:43 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO041025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Apr 10 18:23:57 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0041025\  
 Data File : P0110373.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Apr 2025 16:57  
 Operator : YP/AJ  
 Sample : AR1268ICC750  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1268ICC750

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 10 18:31:42 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0041025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Apr 10 18:23:57 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2  | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|---------|---------|---------|
| -----                       |       |       |          |         |         |         |
| System Monitoring Compounds |       |       |          |         |         |         |
| 1) SA Tetrachlo...          | 3.687 | 3.684 | 651.4E6  | 366.7E6 | 75.195  | 75.170  |
| 2) SA Decachlor...          | 8.730 | 8.684 | 1067.4E6 | 237.5E6 | 75.123  | 75.295  |
| Target Compounds            |       |       |          |         |         |         |
| 41) L9 AR-1268-1            | 7.614 | 7.580 | 1047.9E6 | 404.2E6 | 750.320 | 753.161 |
| 42) L9 AR-1268-2            | 7.679 | 7.645 | 973.0E6  | 367.9E6 | 752.993 | 751.271 |
| 43) L9 AR-1268-3            | 7.886 | 7.851 | 784.9E6  | 272.0E6 | 750.332 | 751.923 |
| 44) L9 AR-1268-4            | 8.174 | 8.137 | 317.2E6  | 102.1E6 | 727.594 | 747.479 |
| 45) L9 AR-1268-5            | 8.472 | 8.428 | 2465.3E6 | 581.7E6 | 749.920 | 752.311 |
| -----                       |       |       |          |         |         |         |

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

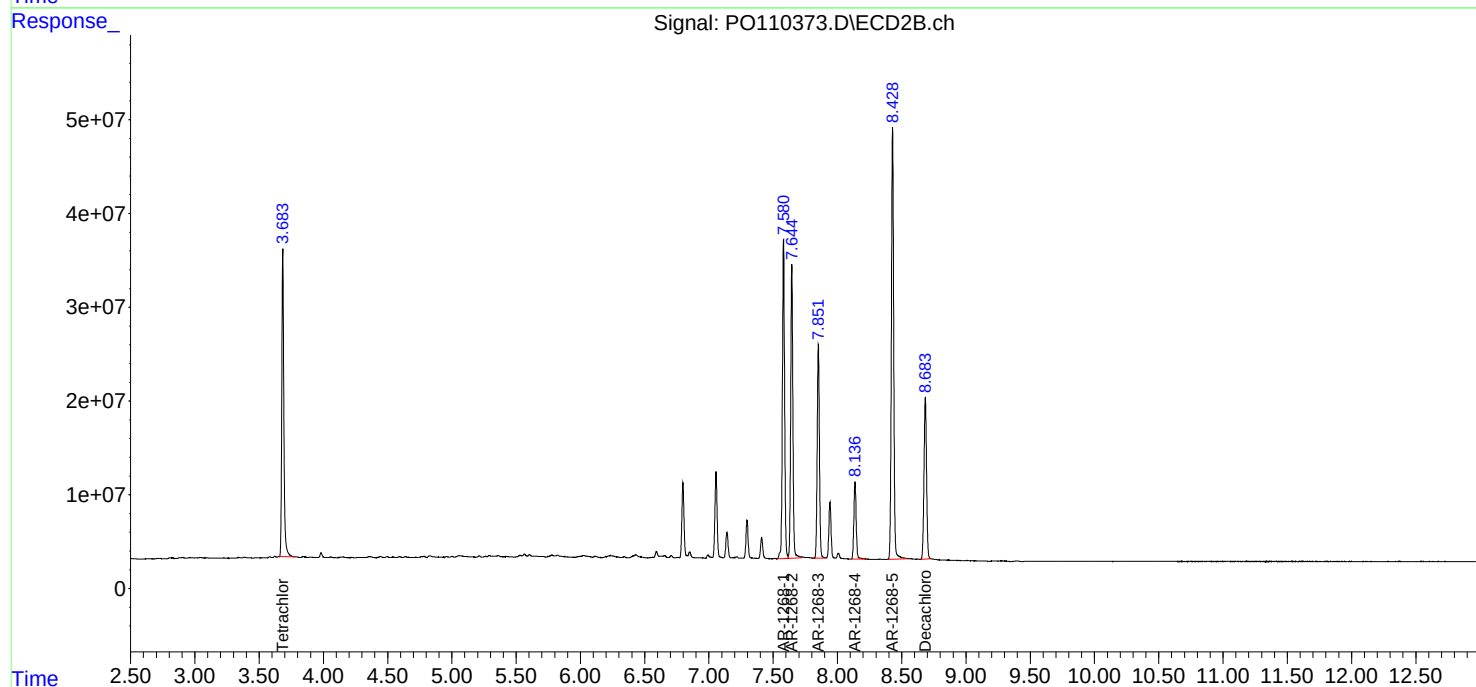
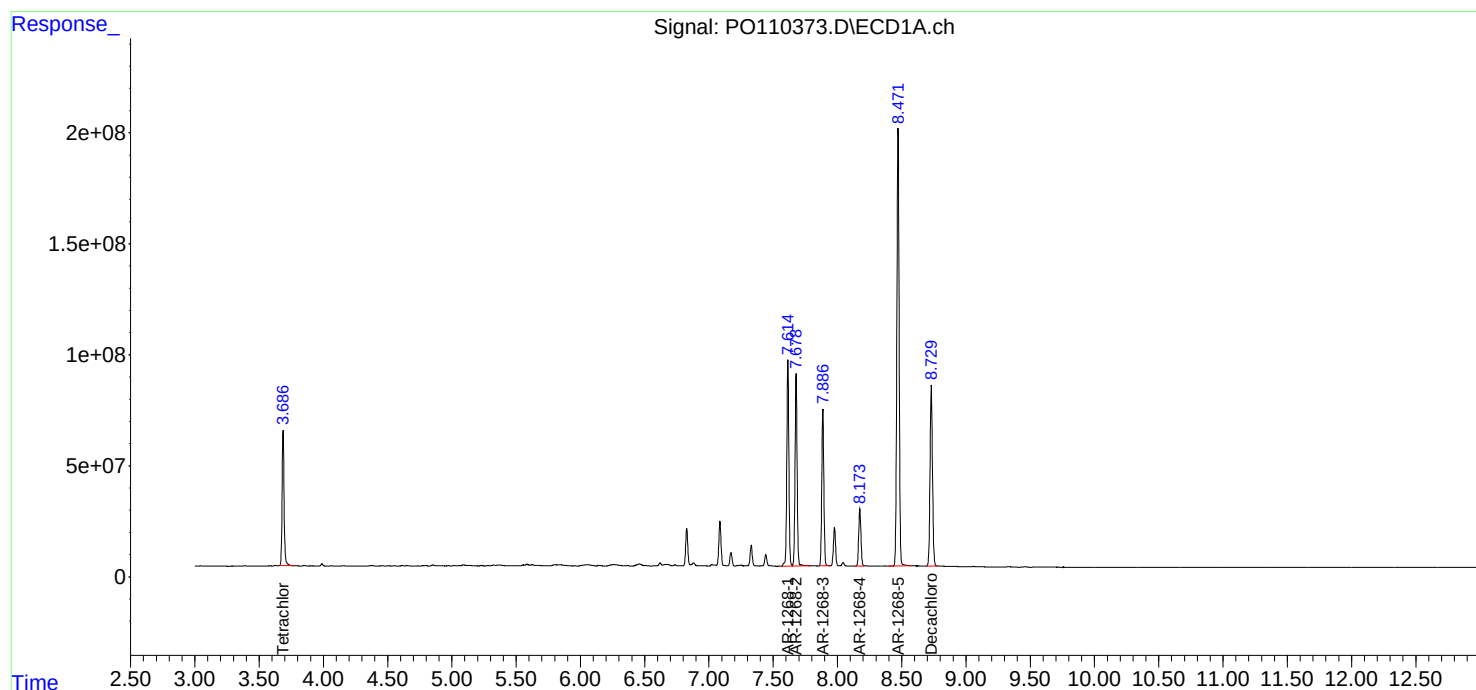


Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO041025\  
Data File : PO110373.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Apr 2025 16:57  
Operator : YP/AJ  
Sample : AR1268ICC750  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1268ICC750

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 10 18:31:42 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO041025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Apr 10 18:23:57 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0041025\  
 Data File : P0110374.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Apr 2025 17:15  
 Operator : YP/AJ  
 Sample : AR1268ICC500  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1268ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 10 18:24:15 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0041025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Apr 10 18:23:57 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|----------|---------|---------|
| -----                       |       |       |          |          |         |         |
| System Monitoring Compounds |       |       |          |          |         |         |
| 1) SA Tetrachlo...          | 3.688 | 3.685 | 423.1E6  | 238.6E6  | 50.000  | 50.000  |
| 2) SA Decachlor...          | 8.732 | 8.684 | 719.3E6  | 163.9E6  | 50.000  | 50.000  |
| Target Compounds            |       |       |          |          |         |         |
| 41) L9 AR-1268-1            | 7.615 | 7.580 | 704.6E6  | 272.9E6  | 500.000 | 500.000 |
| 42) L9 AR-1268-2            | 7.680 | 7.645 | 647.2E6  | 249.0E6  | 500.000 | 500.000 |
| 43) L9 AR-1268-3            | 7.887 | 7.851 | 525.7E6  | 185.4E6  | 500.000 | 500.000 |
| 44) L9 AR-1268-4            | 8.175 | 8.137 | 220.9E6  | 70586461 | 500.000 | 500.000 |
| 45) L9 AR-1268-5            | 8.472 | 8.429 | 1643.1E6 | 396.1E6  | 500.000 | 500.000 |
| -----                       |       |       |          |          |         |         |

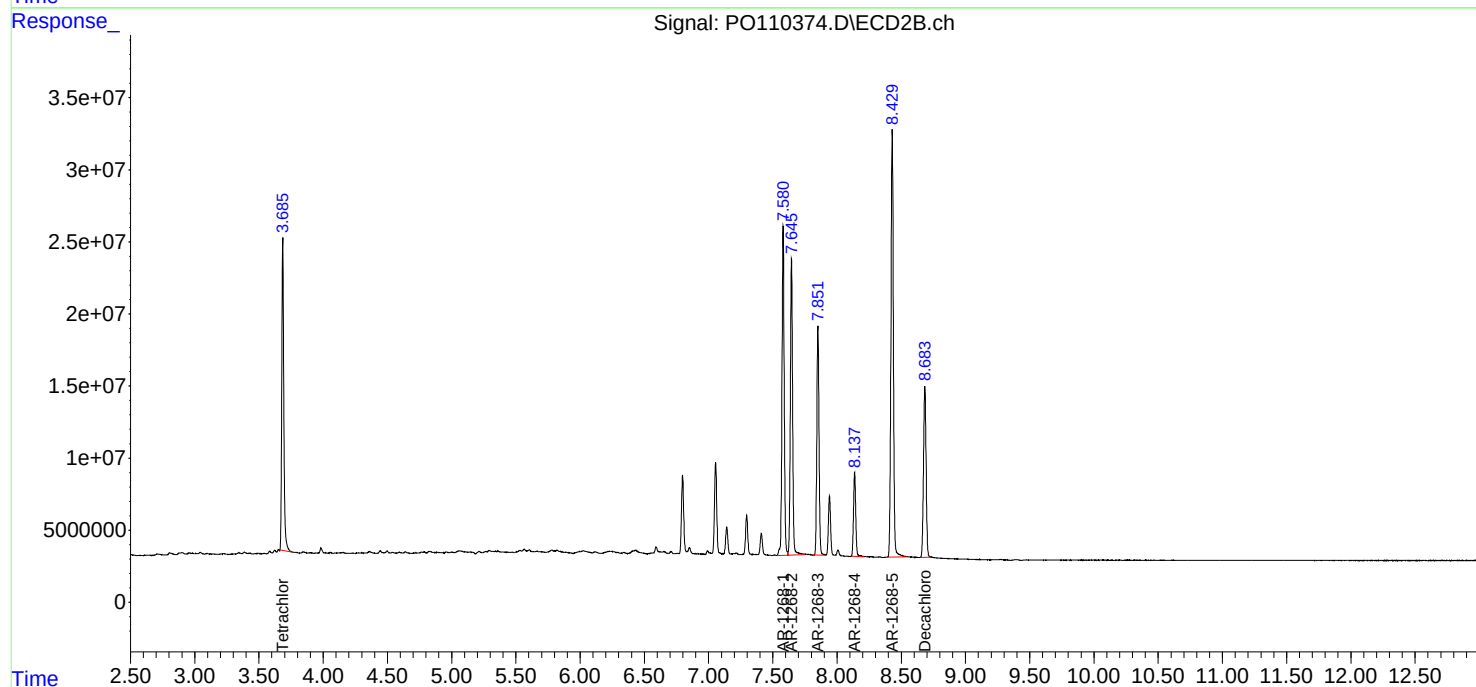
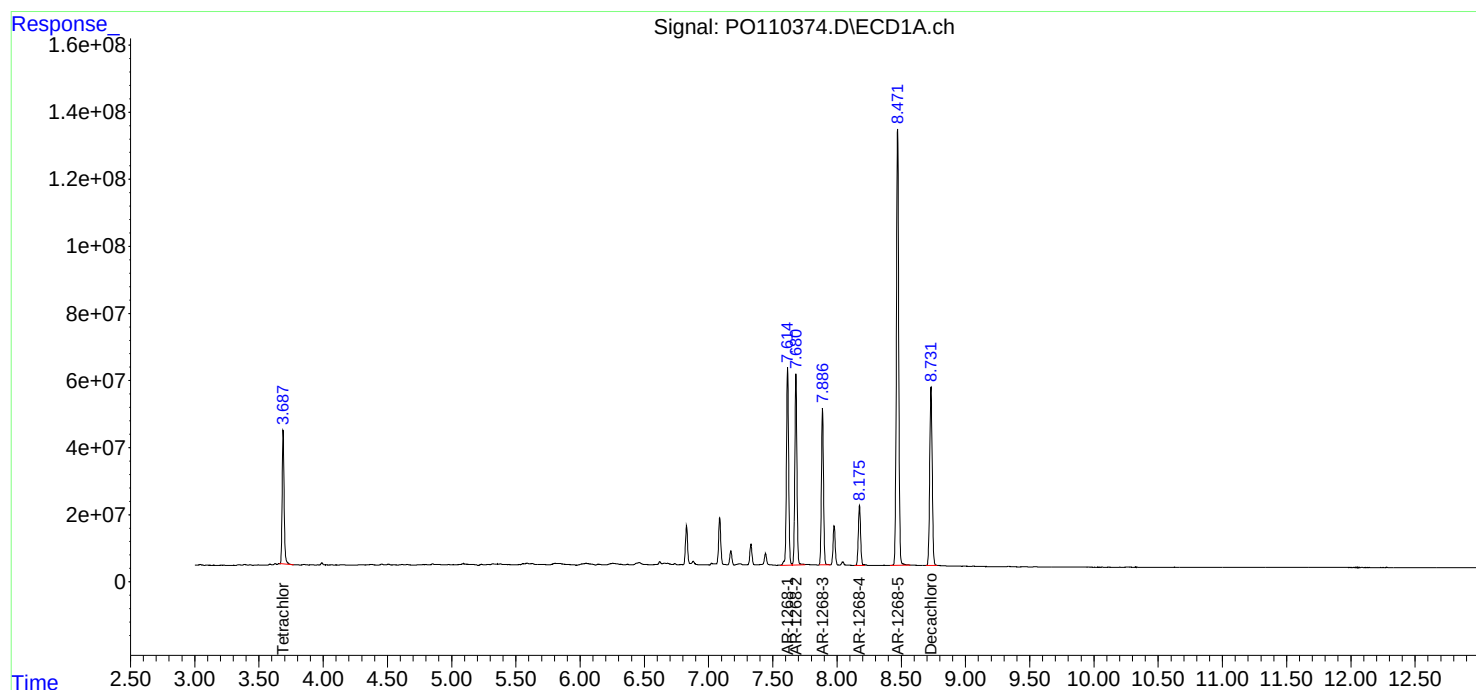
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO041025\  
Data File : PO110374.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Apr 2025 17:15  
Operator : YP/AJ  
Sample : AR1268ICC500  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1268ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 10 18:24:15 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO041025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Apr 10 18:23:57 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0041025\  
 Data File : P0110375.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Apr 2025 17:33  
 Operator : YP/AJ  
 Sample : AR1268ICC250  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1268ICC250

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 10 18:34:22 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0041025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Apr 10 18:23:57 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|---------|----------|---------|---------|
| -----                       |       |       |         |          |         |         |
| System Monitoring Compounds |       |       |         |          |         |         |
| 1) SA Tetrachlo...          | 3.687 | 3.685 | 223.2E6 | 125.8E6  | 25.567  | 25.592  |
| 2) SA Decachlor...          | 8.733 | 8.684 | 374.5E6 | 87516933 | 26.002  | 27.002  |
|                             |       |       |         |          |         |         |
| Target Compounds            |       |       |         |          |         |         |
| 41) L9 AR-1268-1            | 7.615 | 7.581 | 363.7E6 | 142.0E6  | 257.715 | 260.832 |
| 42) L9 AR-1268-2            | 7.681 | 7.646 | 329.0E6 | 129.2E6  | 253.440 | 260.179 |
| 43) L9 AR-1268-3            | 7.888 | 7.852 | 270.5E6 | 97320040 | 256.351 | 263.982 |
| 44) L9 AR-1268-4            | 8.176 | 8.137 | 118.1E6 | 38142084 | 265.411 | 271.372 |
| 45) L9 AR-1268-5            | 8.472 | 8.429 | 825.0E6 | 203.5E6  | 250.707 | 259.740 |
| -----                       |       |       |         |          |         |         |

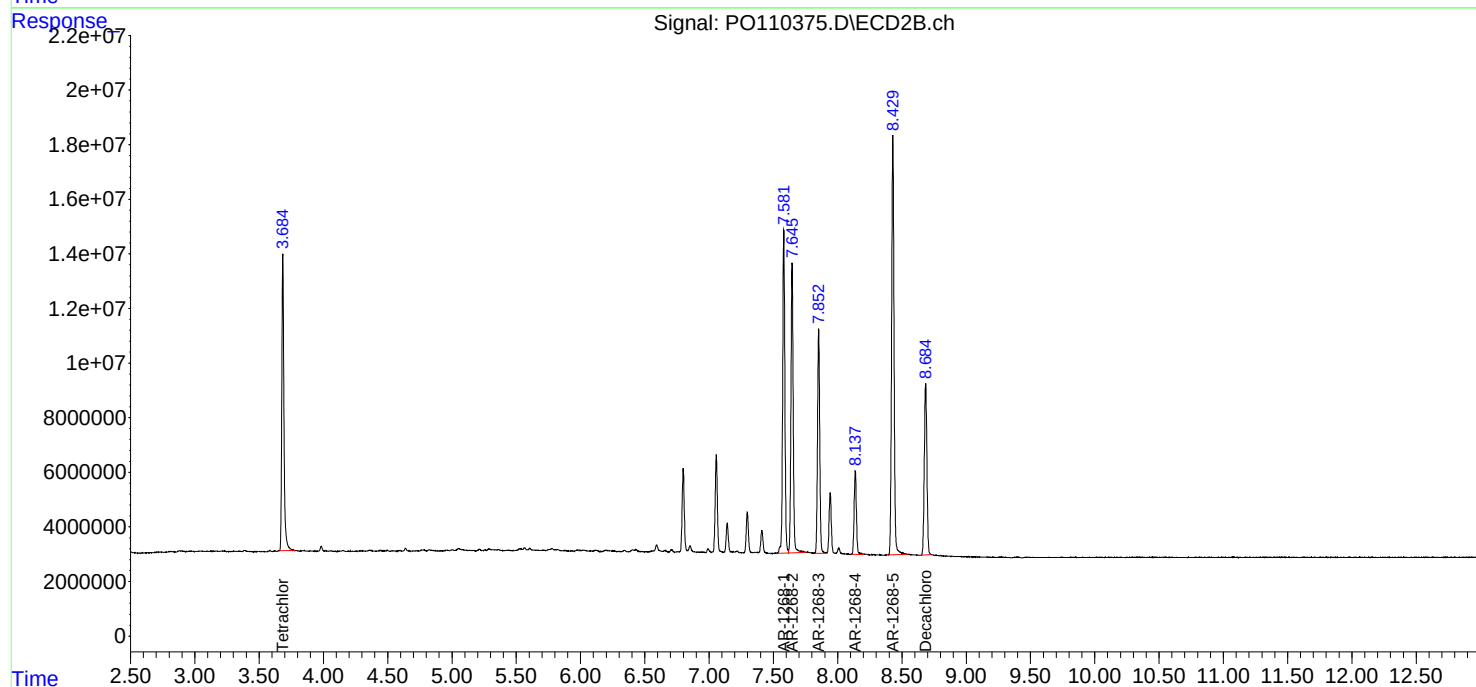
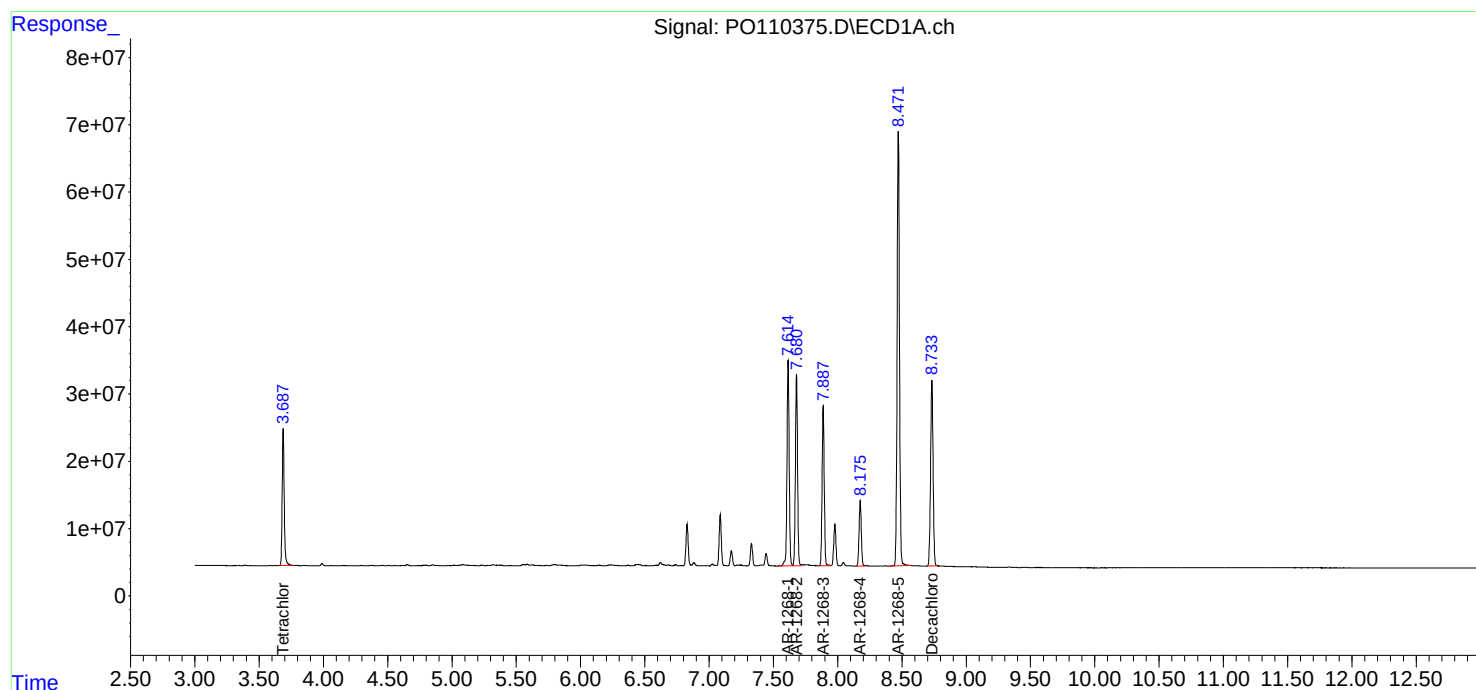
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO041025\  
Data File : PO110375.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Apr 2025 17:33  
Operator : YP/AJ  
Sample : AR1268ICC250  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1268ICC250

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 10 18:34:22 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO041025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Apr 10 18:23:57 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0041025\  
 Data File : P0110376.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Apr 2025 17:52  
 Operator : YP/AJ  
 Sample : AR1268ICC050  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1268ICC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 10 18:37:01 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0041025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Apr 10 18:23:57 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-------|-------|----------|----------|--------|--------|
| -----                       |       |       |          |          |        |        |
| System Monitoring Compounds |       |       |          |          |        |        |
| 1) SA Tetrachlo...          | 3.687 | 3.684 | 39467832 | 22436384 | 4.610  | 4.644  |
| 2) SA Decachlor...          | 8.732 | 8.684 | 71324202 | 17516545 | 4.962  | 5.318  |
|                             |       |       |          |          |        |        |
| Target Compounds            |       |       |          |          |        |        |
| 41) L9 AR-1268-1            | 7.616 | 7.580 | 68808575 | 28029289 | 49.003 | 51.172 |
| 42) L9 AR-1268-2            | 7.680 | 7.645 | 60320169 | 25075562 | 47.135 | 50.404 |
| 43) L9 AR-1268-3            | 7.887 | 7.852 | 49726337 | 19160308 | 47.678 | 51.566 |
| 44) L9 AR-1268-4            | 8.175 | 8.136 | 22009230 | 7174009  | 49.553 | 50.830 |
| 45) L9 AR-1268-5            | 8.473 | 8.428 | 146.9E6  | 40130945 | 45.608 | 50.979 |
| -----                       |       |       |          |          |        |        |

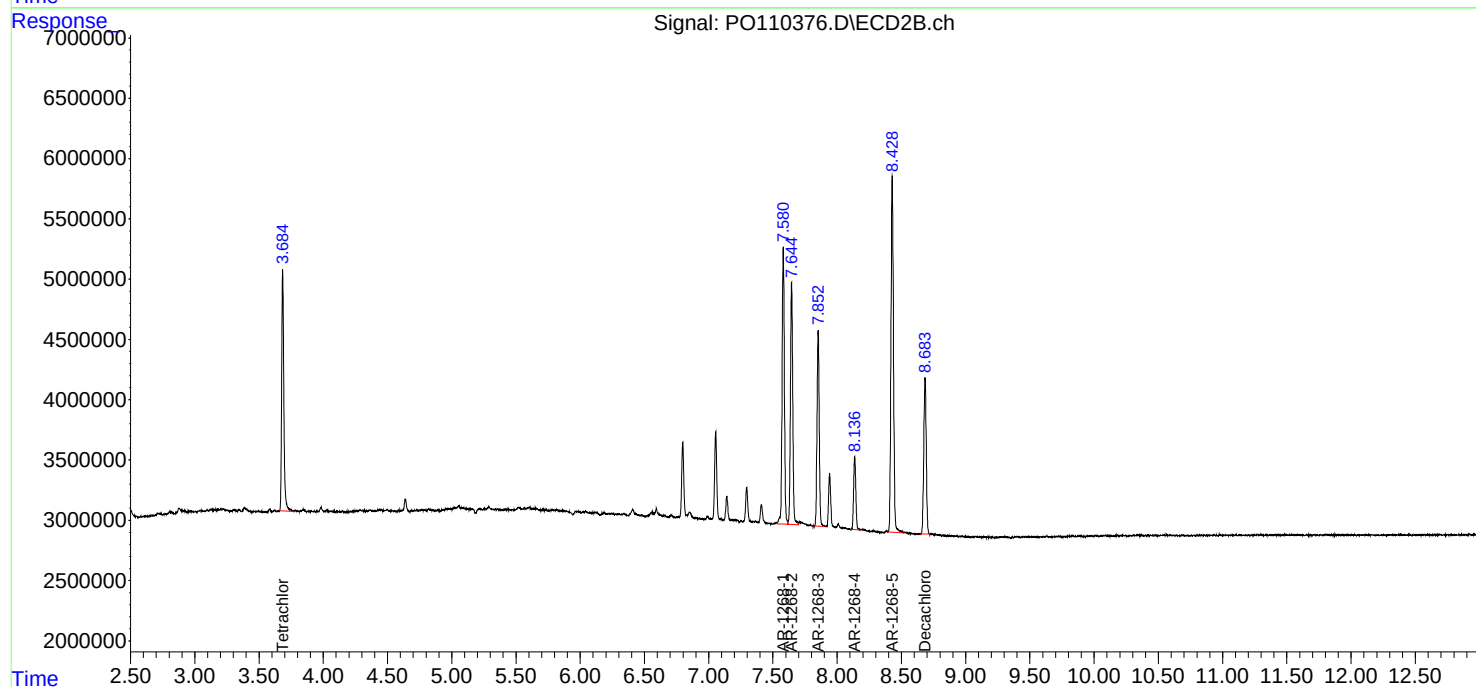
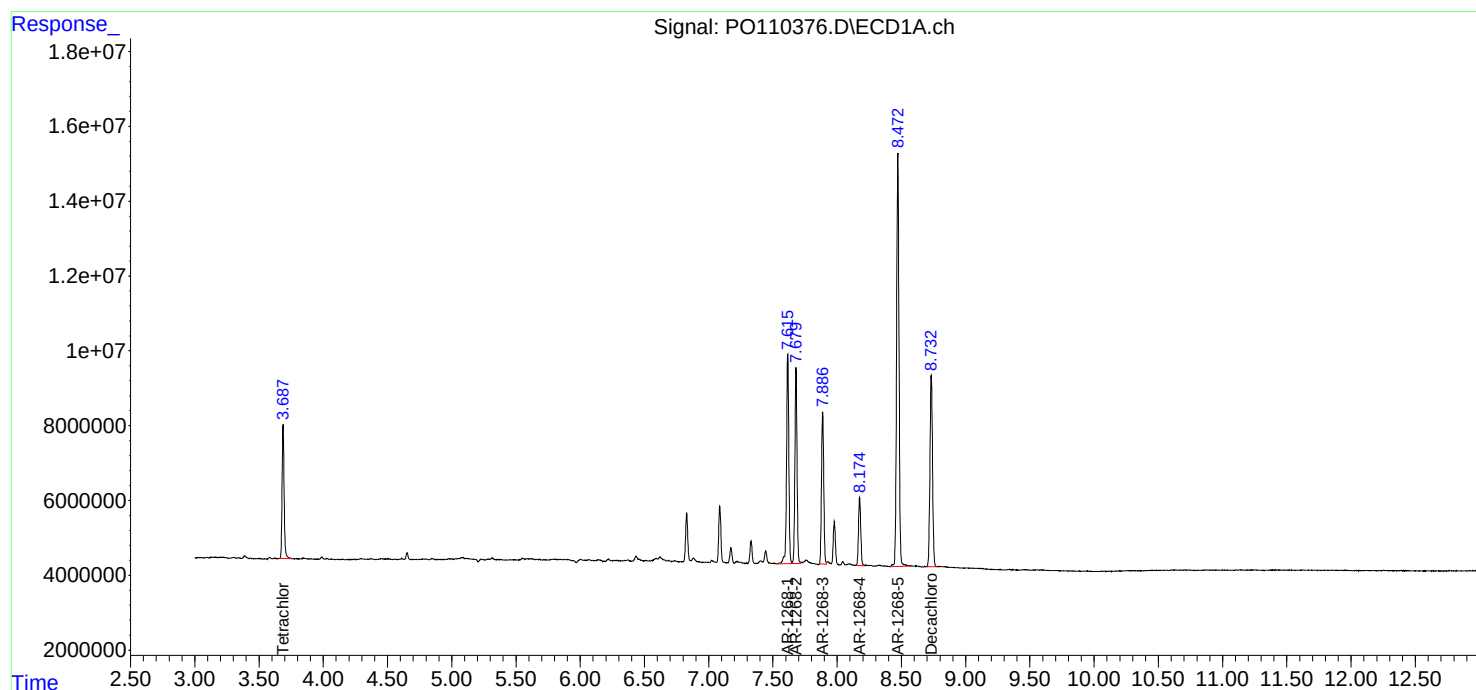
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO041025\  
Data File : PO110376.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Apr 2025 17:52  
Operator : YP/AJ  
Sample : AR1268ICC050  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1268ICC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 10 18:37:01 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO041025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Apr 10 18:23:57 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0041025\  
 Data File : P0110377.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Apr 2025 18:09  
 Operator : YP/AJ  
 Sample : P0041025ICV500  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 ICVPO041025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 10 18:45:43 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0041025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Apr 10 18:44:28 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|---------|----------|---------|---------|
| -----                       |       |       |         |          |         |         |
| System Monitoring Compounds |       |       |         |          |         |         |
| 1) SA Tetrachlo...          | 3.686 | 3.685 | 421.6E6 | 244.8E6  | 48.193  | 49.064  |
| 2) SA Decachlor...          | 8.731 | 8.685 | 398.8E6 | 93206294 | 50.509  | 48.419  |
| Target Compounds            |       |       |         |          |         |         |
| 3) L1 AR-1016-1             | 4.778 | 4.766 | 160.3E6 | 85578058 | 488.595 | 487.598 |
| 4) L1 AR-1016-2             | 4.797 | 4.784 | 224.6E6 | 123.9E6  | 493.781 | 492.855 |
| 5) L1 AR-1016-3             | 4.853 | 4.960 | 157.2E6 | 66551398 | 487.462 | 490.391 |
| 6) L1 AR-1016-4             | 4.973 | 5.002 | 122.3E6 | 55570470 | 491.017 | 485.892 |
| 7) L1 AR-1016-5             | 5.231 | 5.215 | 133.8E6 | 73527628 | 497.315 | 493.229 |
| 31) L7 AR-1260-1            | 6.270 | 6.246 | 237.6E6 | 121.3E6  | 502.988 | 493.308 |
| 32) L7 AR-1260-2            | 6.460 | 6.434 | 287.8E6 | 140.8E6  | 490.780 | 482.474 |
| 33) L7 AR-1260-3            | 6.827 | 6.586 | 245.6E6 | 132.0E6  | 498.218 | 487.409 |
| 34) L7 AR-1260-4            | 7.087 | 7.058 | 213.8E6 | 98678673 | 503.635 | 491.819 |
| 35) L7 AR-1260-5            | 7.329 | 7.298 | 535.6E6 | 226.2E6  | 513.241 | 492.883 |
| -----                       |       |       |         |          |         |         |

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

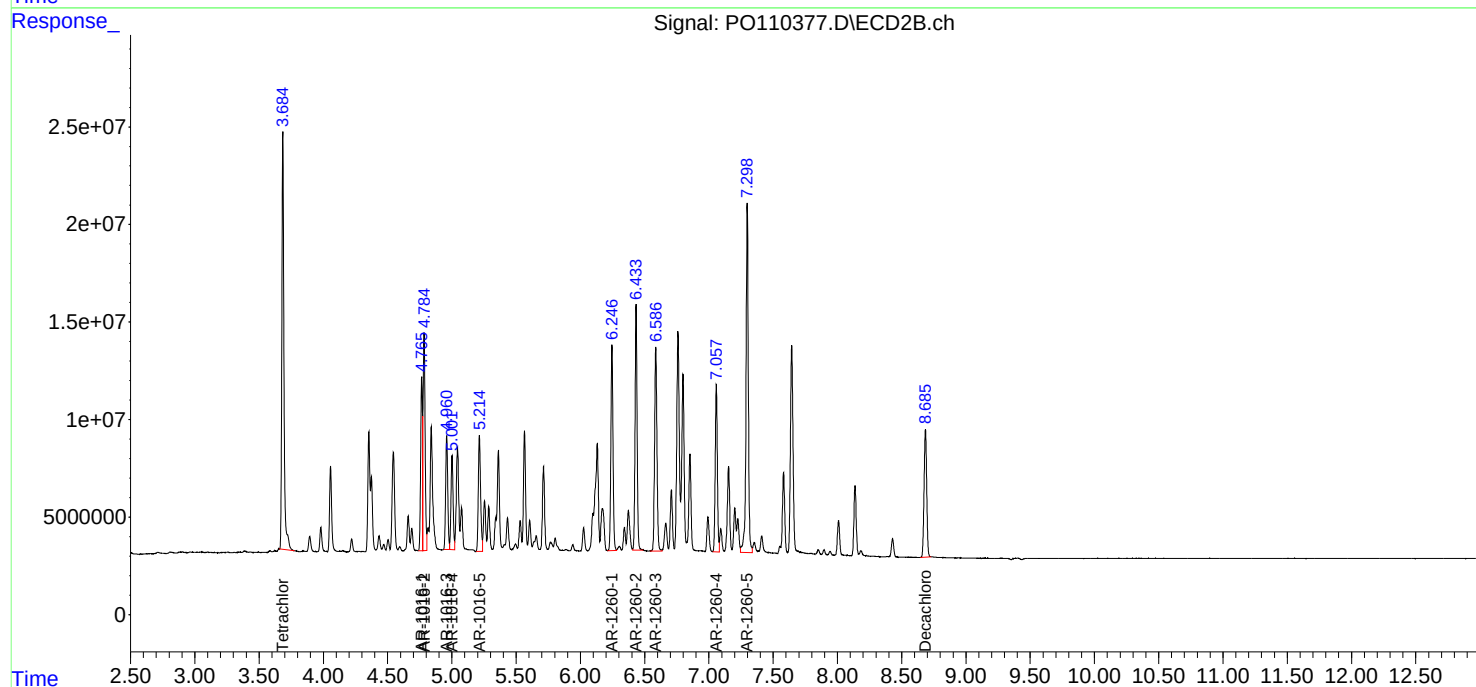
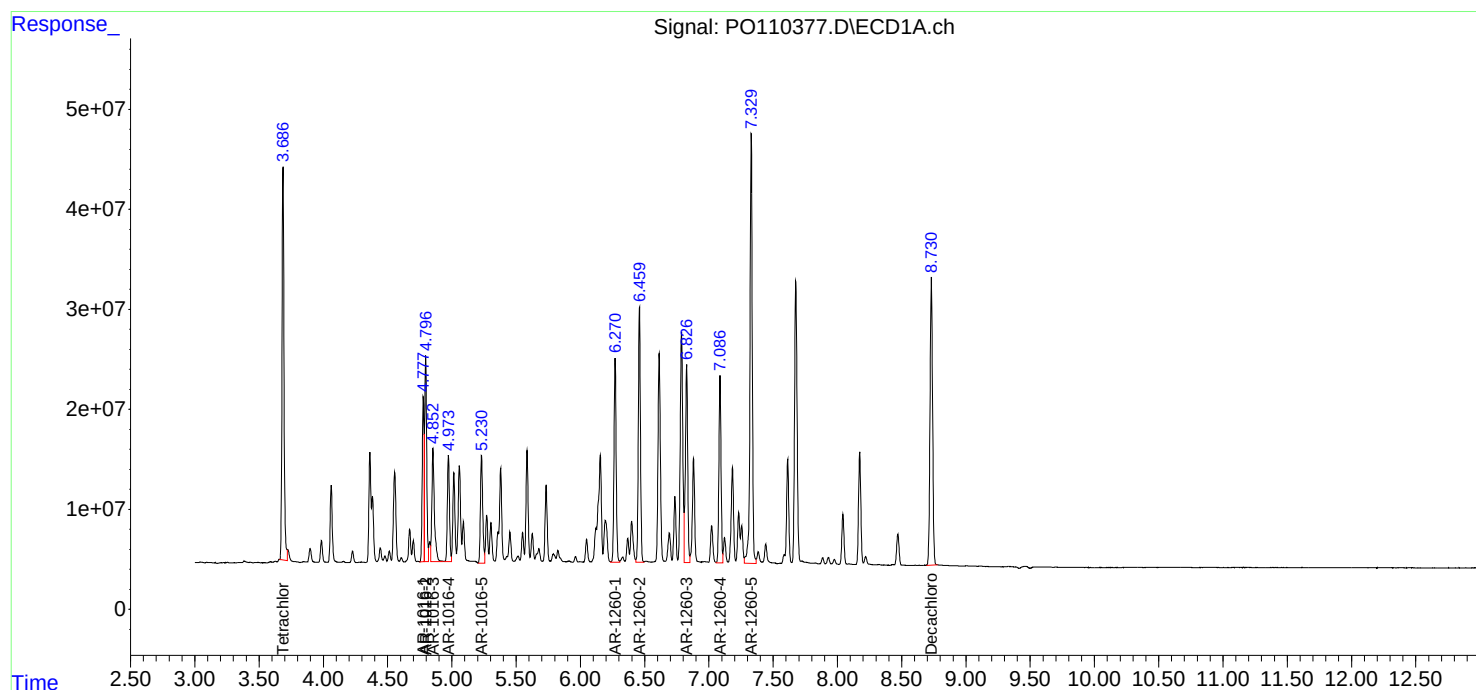


Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO041025\  
Data File : PO110377.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Apr 2025 18:09  
Operator : YP/AJ  
Sample : PO041025ICV500  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO041025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 10 18:45:43 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO041025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Apr 10 18:44:28 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0041025\  
 Data File : P0110378.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Apr 2025 18:46  
 Operator : YP/AJ  
 Sample : AR1242ICV500  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 ICVPO041025AR1242

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 10 19:22:11 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0041025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Thu Apr 10 18:44:28 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|---------|----------|---------|---------|
| -----                       |       |       |         |          |         |         |
| System Monitoring Compounds |       |       |         |          |         |         |
| 1) SA Tetrachlo...          | 3.687 | 3.684 | 443.8E6 | 250.6E6  | 50.720  | 50.218  |
| 2) SA Decachlor...          | 8.732 | 8.684 | 397.2E6 | 92891086 | 50.313  | 48.255  |
| Target Compounds            |       |       |         |          |         |         |
| 16) L4 AR-1242-1            | 4.778 | 4.765 | 140.4E6 | 74475295 | 505.918 | 498.154 |
| 17) L4 AR-1242-2            | 4.797 | 4.784 | 194.4E6 | 106.8E6  | 503.798 | 500.644 |
| 18) L4 AR-1242-3            | 4.854 | 4.959 | 138.3E6 | 57809929 | 496.987 | 500.162 |
| 19) L4 AR-1242-4            | 4.975 | 5.043 | 107.3E6 | 59712665 | 507.656 | 497.194 |
| 20) L4 AR-1242-5            | 5.627 | 5.564 | 113.7E6 | 71571546 | 502.212 | 493.267 |
| -----                       |       |       |         |          |         |         |

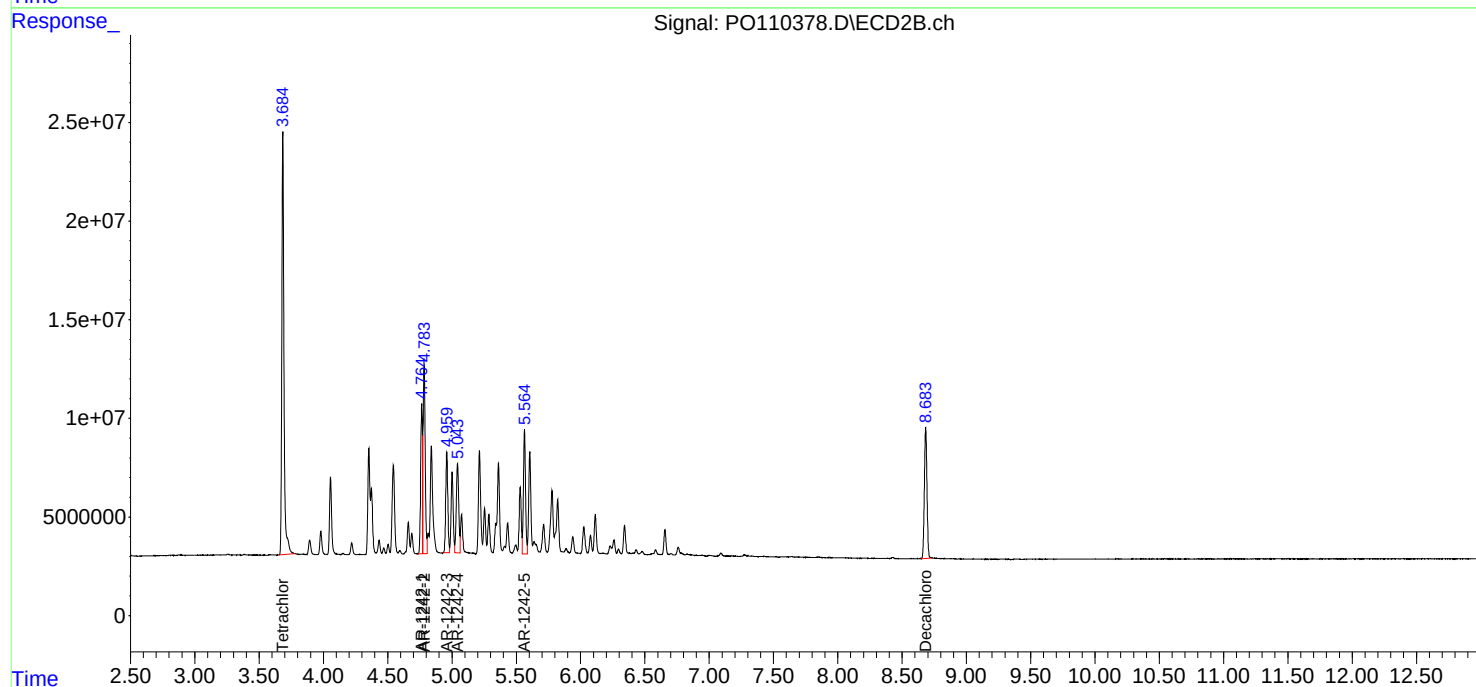
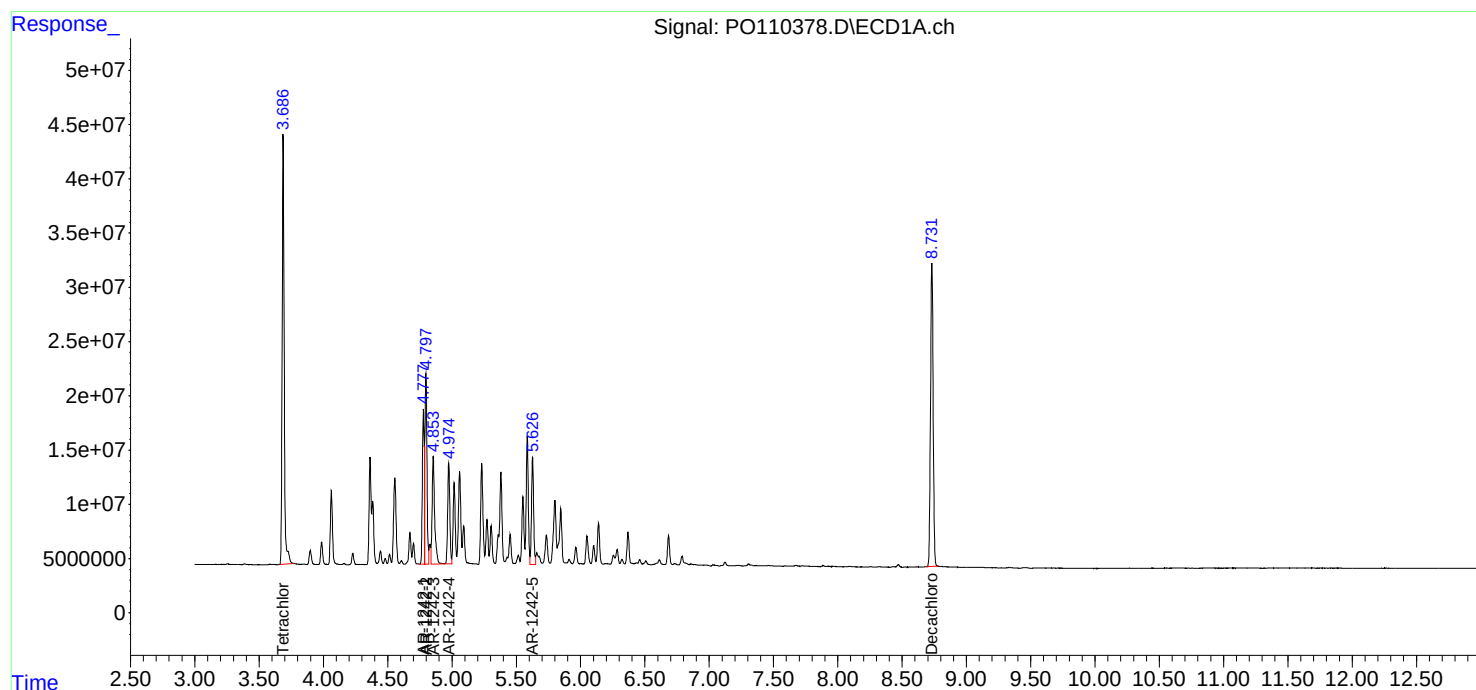
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO041025\  
Data File : PO110378.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Apr 2025 18:46  
Operator : YP/AJ  
Sample : AR1242ICV500  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO041025AR1242

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 10 19:22:11 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO041025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Apr 10 18:44:28 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0041025\  
 Data File : P0110379.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Apr 2025 19:22  
 Operator : YP/AJ  
 Sample : AR1248ICV500  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 ICVPO041025AR1248

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 11 01:39:40 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0041025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Apr 11 01:37:59 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|---------|----------|---------|---------|
| -----                       |       |       |         |          |         |         |
| System Monitoring Compounds |       |       |         |          |         |         |
| 1) SA Tetrachlo...          | 3.688 | 3.685 | 439.1E6 | 246.8E6  | 51.110  | 51.053  |
| 2) SA Decachlor...          | 8.732 | 8.685 | 400.1E6 | 92657947 | 50.360  | 49.279  |
| Target Compounds            |       |       |         |          |         |         |
| 21) L5 AR-1248-1            | 4.779 | 4.765 | 106.0E6 | 57397514 | 498.124 | 498.537 |
| 22) L5 AR-1248-2            | 5.017 | 5.002 | 147.4E6 | 80796045 | 498.235 | 496.039 |
| 23) L5 AR-1248-3            | 5.232 | 5.044 | 183.5E6 | 86306627 | 495.938 | 490.780 |
| 24) L5 AR-1248-4            | 5.587 | 5.214 | 257.3E6 | 100.2E6  | 494.824 | 491.802 |
| 25) L5 AR-1248-5            | 5.627 | 5.606 | 183.1E6 | 97158423 | 495.645 | 492.201 |
| -----                       |       |       |         |          |         |         |

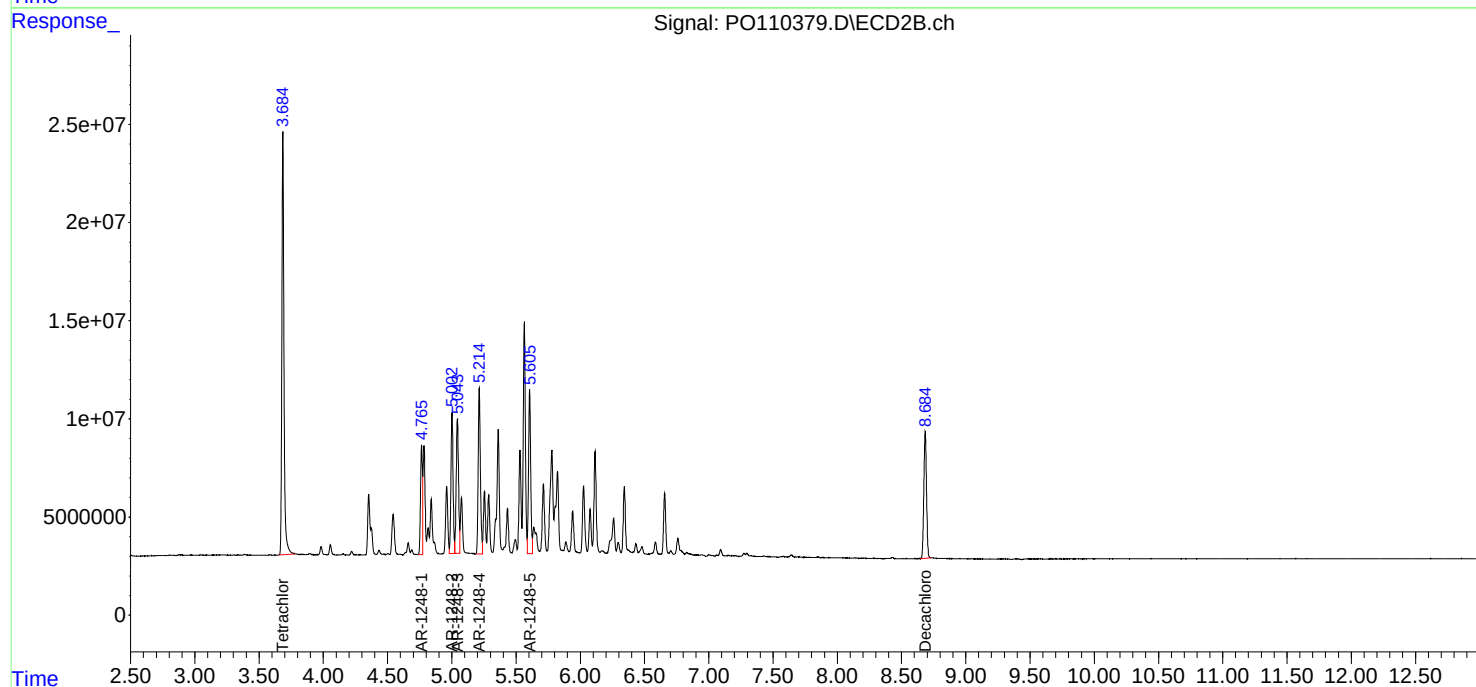
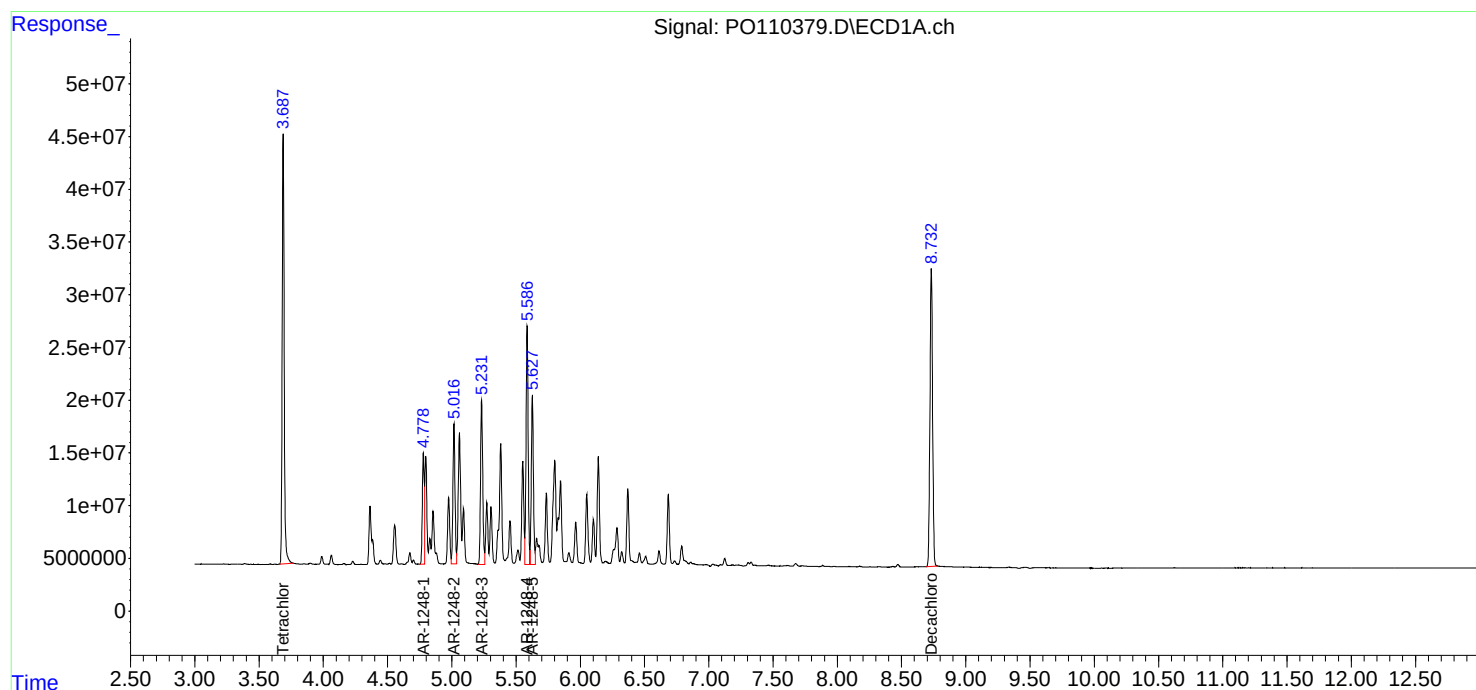
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO041025\  
Data File : PO110379.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Apr 2025 19:22  
Operator : YP/AJ  
Sample : AR1248ICV500  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO041025AR1248

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 11 01:39:40 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO041025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Apr 11 01:37:59 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0041025\  
 Data File : P0110380.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Apr 2025 19:58  
 Operator : YP/AJ  
 Sample : AR1254ICV500  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 ICVPO041025AR1254

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 11 02:09:13 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0041025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Apr 11 02:07:00 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|---------|----------|---------|---------|
| -----                       |       |       |         |          |         |         |
| System Monitoring Compounds |       |       |         |          |         |         |
| 1) SA Tetrachlo...          | 3.686 | 3.684 | 444.9E6 | 251.2E6  | 51.100  | 51.235  |
| 2) SA Decachlor...          | 8.730 | 8.683 | 404.8E6 | 94520608 | 49.556  | 49.296  |
| Target Compounds            |       |       |         |          |         |         |
| 26) L6 AR-1254-1            | 5.585 | 5.565 | 274.4E6 | 147.3E6  | 491.771 | 488.501 |
| 27) L6 AR-1254-2            | 5.734 | 5.713 | 239.5E6 | 129.3E6  | 493.094 | 488.639 |
| 28) L6 AR-1254-3            | 6.139 | 6.115 | 390.3E6 | 201.0E6  | 498.314 | 498.355 |
| 29) L6 AR-1254-4            | 6.369 | 6.343 | 241.8E6 | 114.4E6  | 495.833 | 498.111 |
| 30) L6 AR-1254-5            | 6.788 | 6.760 | 346.0E6 | 164.5E6  | 493.657 | 494.897 |
| -----                       |       |       |         |          |         |         |

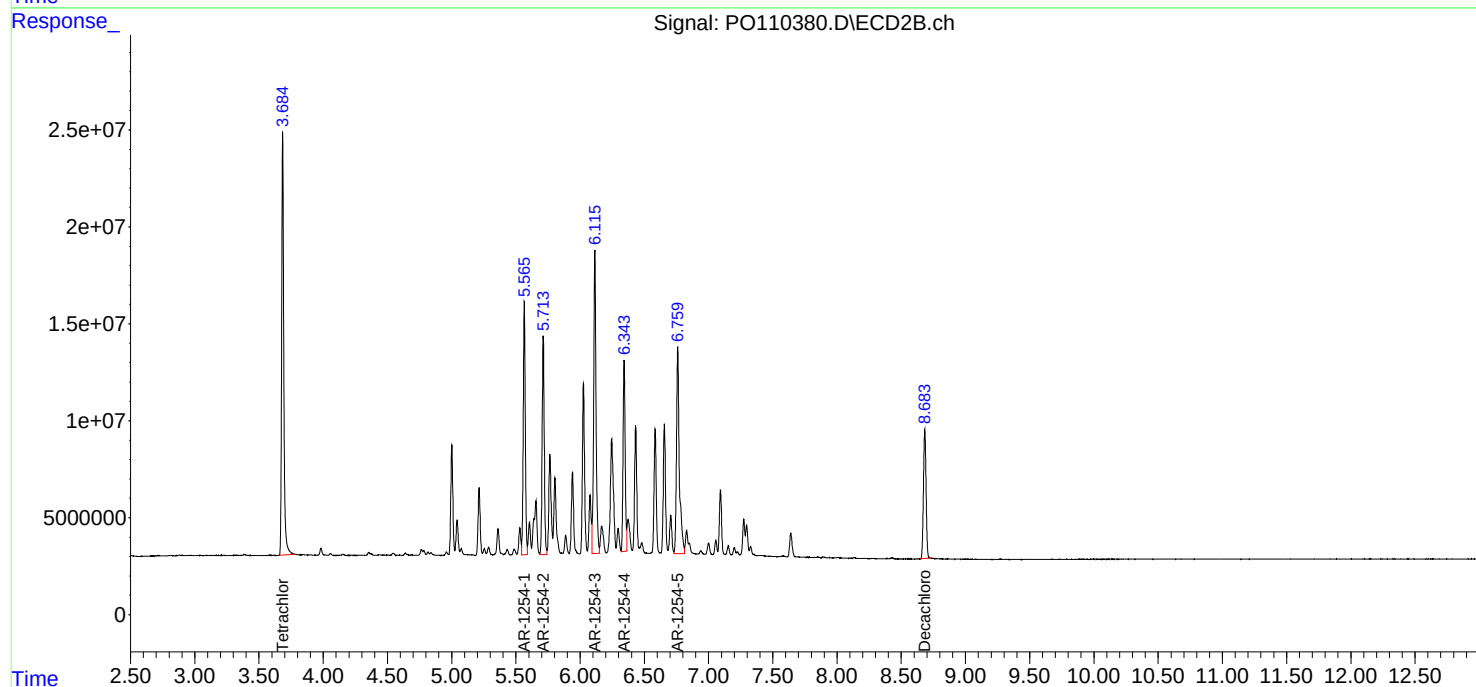
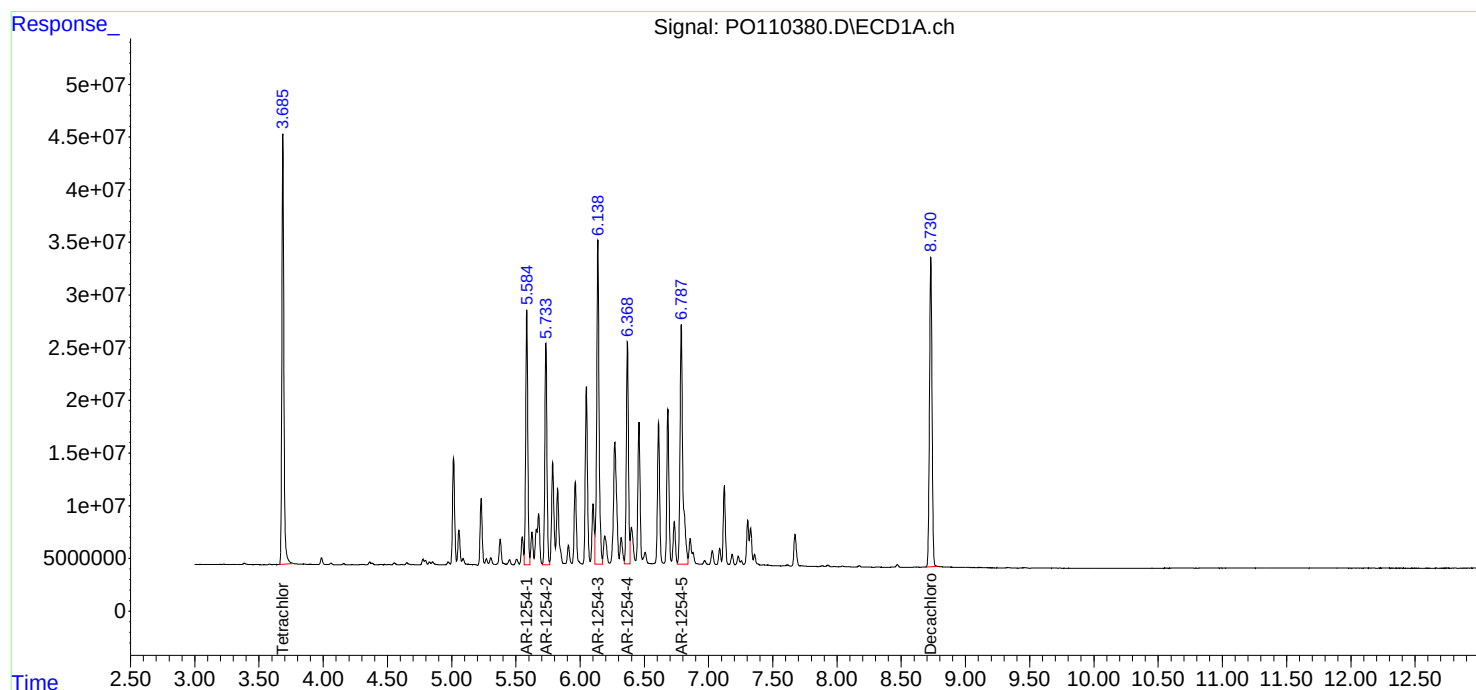
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO041025\  
Data File : PO110380.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Apr 2025 19:58  
Operator : YP/AJ  
Sample : AR1254ICV500  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO041025AR1254

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 11 02:09:13 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO041025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Apr 11 02:07:00 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0041025\  
 Data File : P0110381.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Apr 2025 20:35  
 Operator : YP/AJ  
 Sample : AR1268ICV500  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 ICVPO041025AR1268

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 11 02:13:00 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0041025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Apr 11 02:12:26 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|----------|---------|---------|
| -----                       |       |       |          |          |         |         |
| System Monitoring Compounds |       |       |          |          |         |         |
| 1) SA Tetrachlo...          | 3.688 | 3.685 | 447.9E6  | 251.5E6  | 52.934  | 52.706  |
| 2) SA Decachlor...          | 8.733 | 8.685 | 720.6E6  | 163.2E6  | 50.087  | 49.769  |
| Target Compounds            |       |       |          |          |         |         |
| 41) L9 AR-1268-1            | 7.615 | 7.581 | 703.2E6  | 273.9E6  | 499.070 | 501.677 |
| 42) L9 AR-1268-2            | 7.680 | 7.646 | 652.7E6  | 249.2E6  | 504.213 | 500.302 |
| 43) L9 AR-1268-3            | 7.887 | 7.852 | 529.5E6  | 185.9E6  | 503.681 | 501.520 |
| 44) L9 AR-1268-4            | 8.176 | 8.137 | 229.7E6  | 72282546 | 519.956 | 512.014 |
| 45) L9 AR-1268-5            | 8.472 | 8.430 | 1642.7E6 | 393.7E6  | 499.897 | 496.919 |
| -----                       |       |       |          |          |         |         |

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

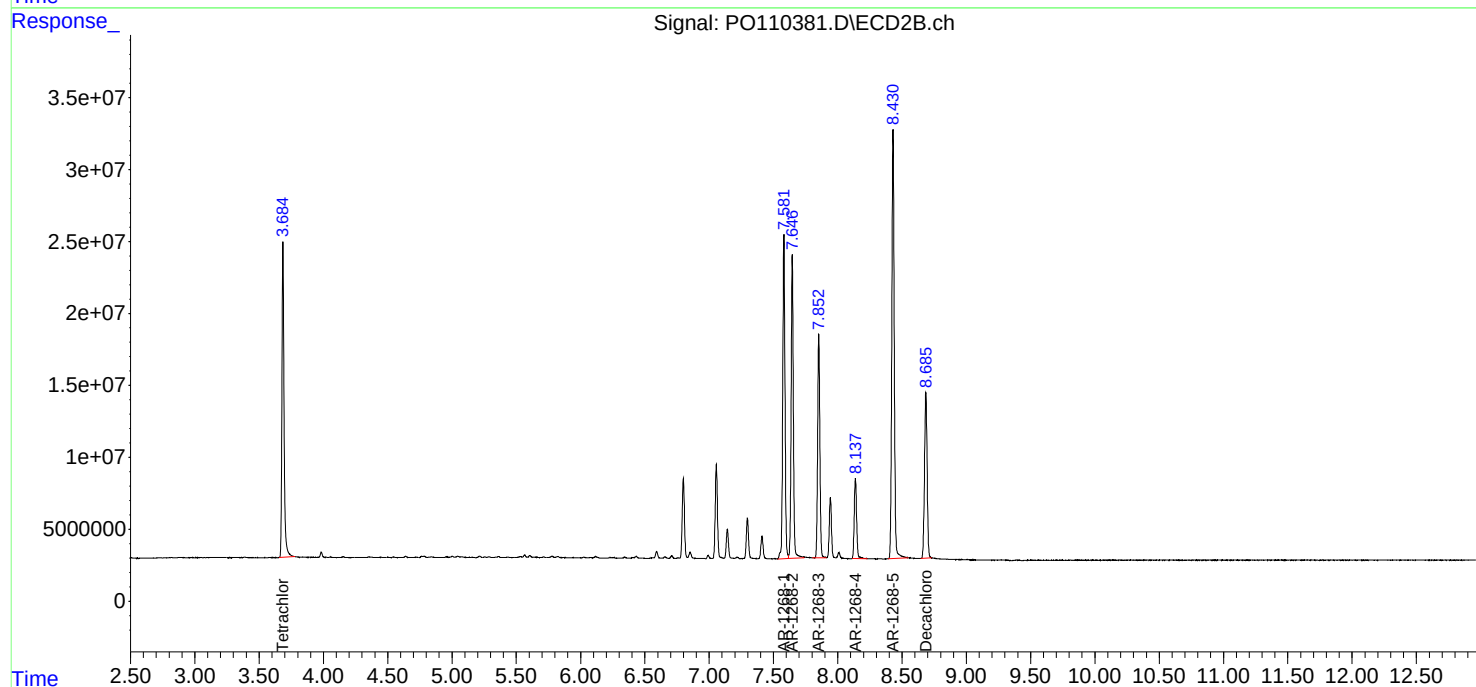
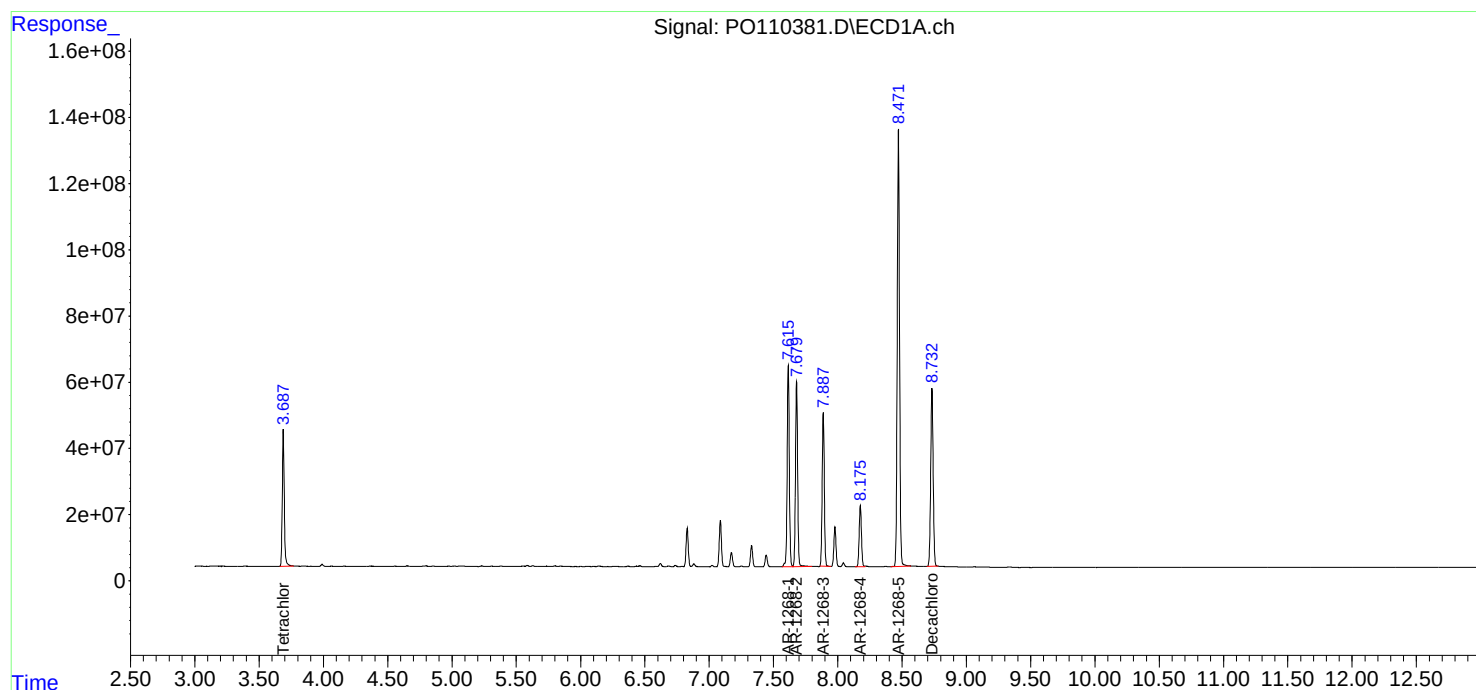


Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO041025\  
Data File : PO110381.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Apr 2025 20:35  
Operator : YP/AJ  
Sample : AR1268ICV500  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
ICVPO041025AR1268

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 11 02:13:00 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO041025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Apr 11 02:12:26 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



## RETENTION TIMES OF INITIAL CALIBRATION

**Contract:** PORT06  
**Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901 **SDG NO.:** Q1901  
**Instrument ID:** ECD\_P **Calibration Date(s):** 04/22/2025 04/22/2025  
**Calibration Times:** 10:29 17:49

GC Column: ZB-MR1 ID: 0.32 (mm)

|                                   |                                    |                                   |
|-----------------------------------|------------------------------------|-----------------------------------|
| <b>LAB FILE ID:</b>               | <b>RT 1000 =</b> <u>PP071389.D</u> | <b>RT 750 =</b> <u>PP071390.D</u> |
| <b>RT 500 =</b> <u>PP071391.D</u> | <b>RT 250 =</b> <u>PP071392.D</u>  | <b>RT 050 =</b> <u>PP071393.D</u> |

| COMPOUND             |     | RT 1000 | RT 750 | RT 500 | RT 250 | RT 050 | MEAN<br>RT | RT WINDOW |       |
|----------------------|-----|---------|--------|--------|--------|--------|------------|-----------|-------|
|                      |     |         |        |        |        |        |            | FROM      | TO    |
| Aroclor-1016-1       | (1) | 5.66    | 5.67   | 5.67   | 5.67   | 5.67   | 5.67       | 5.57      | 5.77  |
| Aroclor-1016-2       | (2) | 5.69    | 5.69   | 5.69   | 5.69   | 5.69   | 5.69       | 5.59      | 5.79  |
| Aroclor-1016-3       | (3) | 5.75    | 5.75   | 5.75   | 5.75   | 5.75   | 5.75       | 5.65      | 5.85  |
| Aroclor-1016-4       | (4) | 5.85    | 5.85   | 5.85   | 5.85   | 5.85   | 5.85       | 5.75      | 5.95  |
| Aroclor-1016-5       | (5) | 6.14    | 6.14   | 6.15   | 6.14   | 6.14   | 6.14       | 6.04      | 6.24  |
| Aroclor-1260-1       | (1) | 7.26    | 7.26   | 7.27   | 7.26   | 7.26   | 7.26       | 7.16      | 7.36  |
| Aroclor-1260-2       | (2) | 7.51    | 7.51   | 7.52   | 7.52   | 7.52   | 7.52       | 7.42      | 7.62  |
| Aroclor-1260-3       | (3) | 7.87    | 7.87   | 7.88   | 7.87   | 7.88   | 7.87       | 7.77      | 7.97  |
| Aroclor-1260-4       | (4) | 8.10    | 8.10   | 8.10   | 8.10   | 8.10   | 8.10       | 8.00      | 8.20  |
| Aroclor-1260-5       | (5) | 8.42    | 8.42   | 8.42   | 8.42   | 8.42   | 8.42       | 8.32      | 8.52  |
| Decachlorobiphenyl   |     | 10.23   | 10.23  | 10.24  | 10.23  | 10.24  | 10.23      | 10.13     | 10.33 |
| Tetrachloro-m-xylene |     | 4.51    | 4.51   | 4.52   | 4.51   | 4.52   | 4.51       | 4.41      | 4.61  |
| Aroclor-1242-1       | (1) | 5.67    | 5.67   | 5.67   | 5.67   | 5.67   | 5.67       | 5.57      | 5.77  |
| Aroclor-1242-2       | (2) | 5.69    | 5.69   | 5.69   | 5.69   | 5.69   | 5.69       | 5.59      | 5.79  |
| Aroclor-1242-3       | (3) | 5.75    | 5.75   | 5.75   | 5.75   | 5.75   | 5.75       | 5.65      | 5.85  |
| Aroclor-1242-4       | (4) | 5.85    | 5.85   | 5.85   | 5.85   | 5.85   | 5.85       | 5.75      | 5.95  |
| Aroclor-1242-5       | (5) | 6.58    | 6.58   | 6.58   | 6.58   | 6.58   | 6.58       | 6.48      | 6.68  |
| Decachlorobiphenyl   |     | 10.23   | 10.24  | 10.24  | 10.23  | 10.24  | 10.24      | 10.14     | 10.34 |
| Tetrachloro-m-xylene |     | 4.51    | 4.52   | 4.51   | 4.51   | 4.52   | 4.51       | 4.41      | 4.61  |
| Aroclor-1248-1       | (1) | 5.67    | 5.67   | 5.67   | 5.67   | 5.67   | 5.67       | 5.57      | 5.77  |
| Aroclor-1248-2       | (2) | 5.94    | 5.94   | 5.94   | 5.94   | 5.94   | 5.94       | 5.84      | 6.04  |
| Aroclor-1248-3       | (3) | 6.14    | 6.14   | 6.14   | 6.14   | 6.14   | 6.14       | 6.04      | 6.24  |
| Aroclor-1248-4       | (4) | 6.54    | 6.54   | 6.54   | 6.54   | 6.54   | 6.54       | 6.44      | 6.64  |
| Aroclor-1248-5       | (5) | 6.58    | 6.58   | 6.58   | 6.58   | 6.58   | 6.58       | 6.48      | 6.68  |
| Decachlorobiphenyl   |     | 10.24   | 10.24  | 10.24  | 10.24  | 10.24  | 10.24      | 10.14     | 10.34 |
| Tetrachloro-m-xylene |     | 4.52    | 4.52   | 4.51   | 4.51   | 4.51   | 4.51       | 4.41      | 4.61  |
| Aroclor-1254-1       | (1) | 6.52    | 6.52   | 6.52   | 6.52   | 6.52   | 6.52       | 6.42      | 6.62  |
| Aroclor-1254-2       | (2) | 6.74    | 6.74   | 6.74   | 6.73   | 6.74   | 6.74       | 6.64      | 6.84  |
| Aroclor-1254-3       | (3) | 7.10    | 7.10   | 7.10   | 7.10   | 7.10   | 7.10       | 7.00      | 7.20  |
| Aroclor-1254-4       | (4) | 7.38    | 7.38   | 7.38   | 7.38   | 7.38   | 7.38       | 7.28      | 7.48  |
| Aroclor-1254-5       | (5) | 7.80    | 7.80   | 7.80   | 7.80   | 7.80   | 7.80       | 7.70      | 7.90  |
| Decachlorobiphenyl   |     | 10.24   | 10.24  | 10.24  | 10.23  | 10.24  | 10.24      | 10.14     | 10.34 |
| Tetrachloro-m-xylene |     | 4.52    | 4.52   | 4.52   | 4.51   | 4.51   | 4.51       | 4.41      | 4.61  |
| Aroclor-1268-1       | (1) | 8.73    | 8.73   | 8.73   | 8.74   | 8.73   | 8.73       | 8.63      | 8.83  |
| Aroclor-1268-2       | (2) | 8.83    | 8.83   | 8.83   | 8.83   | 8.83   | 8.83       | 8.73      | 8.93  |
| Aroclor-1268-3       | (3) | 9.06    | 9.06   | 9.06   | 9.06   | 9.06   | 9.06       | 8.96      | 9.16  |
| Aroclor-1268-4       | (4) | 9.48    | 9.48   | 9.48   | 9.48   | 9.48   | 9.48       | 9.38      | 9.58  |
| Aroclor-1268-5       | (5) | 9.89    | 9.89   | 9.89   | 9.90   | 9.89   | 9.90       | 9.80      | 10.00 |



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
Fax : 908 789 8922

**RETENTION TIMES OF INITIAL CALIBRATION**

|                      |       |       |       |       |       |       |       |       |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Decachlorobiphenyl   | 10.24 | 10.23 | 10.24 | 10.24 | 10.24 | 10.24 | 10.14 | 10.34 |
| Tetrachloro-m-xylene | 4.51  | 4.52  | 4.52  | 4.52  | 4.51  | 4.52  | 4.42  | 4.62  |

### RETENTION TIMES OF INITIAL CALIBRATION

|                |               |                      |              |                   |                   |          |              |
|----------------|---------------|----------------------|--------------|-------------------|-------------------|----------|--------------|
| Contract:      | <u>PORT06</u> |                      |              |                   |                   |          |              |
| Lab Code:      | <u>CHEM</u>   | Case No.:            | <u>Q1901</u> | SAS No.:          | <u>Q1901</u>      | SDG NO.: | <u>Q1901</u> |
| Instrument ID: | <u>ECD_P</u>  | Calibration Date(s): |              | <u>04/22/2025</u> | <u>04/22/2025</u> |          |              |
|                |               | Calibration Times:   |              | <u>10:29</u>      | <u>17:49</u>      |          |              |

GC Column: ZB-MR2 ID: 0.32 (mm)

|              |            |                   |            |                     |
|--------------|------------|-------------------|------------|---------------------|
| LAB FILE ID: | RT 1000 =  | <u>PP071389.D</u> | RT 750 =   | <u>PP071390.D</u>   |
| RT 500 =     | PP071391.D | RT 250 =          | PP071392.D | RT 050 = PP071393.D |

[illegible]

[illegible]

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

**Contract:** PORT06  
**Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901 **SDG NO.:** Q1901  
**Instrument ID:** ECD\_P **Calibration Date(s):** 04/22/2025 04/22/2025  
**Calibration Times:** 10:29 17:49

**GC Column:** ZB-MR1 **ID:** 0.32 (mm)

| LAB FILE ID:               |     | CF 1000 = <u>PP071389.D</u> |            | CF 750 = <u>PP071390.D</u> |            |            |            |
|----------------------------|-----|-----------------------------|------------|----------------------------|------------|------------|------------|
| CF 500 = <u>PP071391.D</u> |     | CF 250 = <u>PP071392.D</u>  |            | CF 050 = <u>PP071393.D</u> |            |            |            |
| COMPOUND                   |     | CF 1000                     | CF 750     | CF 500                     | CF 250     | CF 050     | % RSD      |
| Aroclor-1016-1             | (1) | 64709894                    | 67652695   | 70083532                   | 71128656   | 61674340   | 67049823   |
| Aroclor-1016-2             | (2) | 98977911                    | 102364897  | 107369074                  | 108813892  | 95615840   | 102628323  |
| Aroclor-1016-3             | (3) | 59905708                    | 62127143   | 64296308                   | 65849928   | 56056440   | 61647105   |
| Aroclor-1016-4             | (4) | 50563747                    | 52419789   | 53619076                   | 54941428   | 44946700   | 51298148   |
| Aroclor-1016-5             | (5) | 47772963                    | 49344036   | 50670668                   | 50888564   | 42515680   | 48238382   |
| Aroclor-1260-1             | (1) | 90879847                    | 94857525   | 98814986                   | 99659744   | 95910940   | 96024608   |
| Aroclor-1260-2             | (2) | 137163459                   | 142386411  | 147498372                  | 149887700  | 138450980  | 143077384  |
| Aroclor-1260-3             | (3) | 110350751                   | 114445481  | 117702804                  | 126515524  | 91505860   | 112104084  |
| Aroclor-1260-4             | (4) | 105570732                   | 110780085  | 111211068                  | 131260612  | 105501660  | 112864831  |
| Aroclor-1260-5             | (5) | 220536830                   | 229070229  | 228919678                  | 255108180  | 199231240  | 226573231  |
| Decachlorobiphenyl         |     | 1409816860                  | 1467002307 | 1522583160                 | 1539948480 | 1300700600 | 1448010281 |
| Tetrachloro-m-xylene       |     | 1947183160                  | 2005072840 | 2066603680                 | 2100352680 | 1793966200 | 1982635712 |
| Aroclor-1242-1             | (1) | 53870259                    | 55684409   | 58494980                   | 58676784   | 47130380   | 54771362   |
| Aroclor-1242-2             | (2) | 81881116                    | 85641493   | 90236470                   | 89744200   | 77399340   | 84980524   |
| Aroclor-1242-3             | (3) | 49423643                    | 51294363   | 53309060                   | 53836868   | 47752740   | 51123335   |
| Aroclor-1242-4             | (4) | 41638031                    | 42855355   | 45034468                   | 44656444   | 36858500   | 42208560   |
| Aroclor-1242-5             | (5) | 44955701                    | 46392219   | 48330700                   | 47956460   | 43817460   | 46290508   |
| Decachlorobiphenyl         |     | 1368547670                  | 1421241013 | 1488838040                 | 1503303480 | 1179092600 | 1392204561 |
| Tetrachloro-m-xylene       |     | 1868945350                  | 1926494133 | 2017272340                 | 2030390160 | 1613146400 | 1891249677 |
| Aroclor-1248-1             | (1) | 42447397                    | 43370463   | 44490672                   | 45736348   | 38649560   | 42938888   |
| Aroclor-1248-2             | (2) | 57932834                    | 60215229   | 62023042                   | 63285912   | 58705480   | 60432499   |
| Aroclor-1248-3             | (3) | 65030901                    | 68053485   | 69372090                   | 70318056   | 61147600   | 66784426   |
| Aroclor-1248-4             | (4) | 80777360                    | 84441085   | 86910244                   | 89142916   | 81782860   | 84610893   |
| Aroclor-1248-5             | (5) | 76029464                    | 78502729   | 80776474                   | 83552224   | 78380620   | 79448302   |
| Decachlorobiphenyl         |     | 1379130770                  | 1440268240 | 1485619680                 | 1521197800 | 1358343200 | 1436911938 |
| Tetrachloro-m-xylene       |     | 1879191440                  | 1925518227 | 1989640420                 | 2037603040 | 1811949400 | 1928780505 |
| Aroclor-1254-1             | (1) | 78574372                    | 81246615   | 85577334                   | 88598188   | 75759400   | 81951182   |
| Aroclor-1254-2             | (2) | 121624435                   | 125816099  | 132146328                  | 137115708  | 118678260  | 127076166  |
| Aroclor-1254-3             | (3) | 123432630                   | 127799839  | 132981654                  | 137623252  | 117036460  | 127774767  |
| Aroclor-1254-4             | (4) | 112512019                   | 116259037  | 121737436                  | 124392856  | 112665620  | 117513394  |
| Aroclor-1254-5             | (5) | 106399089                   | 105922557  | 113785120                  | 116153044  | 96391680   | 107730298  |
| Decachlorobiphenyl         |     | 1410101810                  | 1469202520 | 1526389740                 | 1549706840 | 1328725400 | 1456825262 |
| Tetrachloro-m-xylene       |     | 1888241120                  | 1936990333 | 2012368600                 | 2071565920 | 1722515200 | 1926336235 |
| Aroclor-1268-1             | (1) | 299594266                   | 309097848  | 319744804                  | 331826088  | 282063800  | 308465361  |



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
Fax : 908 789 8922

#### CALIBRATION FACTOR OF INITIAL CALIBRATION

|                      |     |            |            |            |            |            |            |   |
|----------------------|-----|------------|------------|------------|------------|------------|------------|---|
| Aroclor-1268-2       | (2) | 251109850  | 259047004  | 267960354  | 275856908  | 228123960  | 256419615  | 7 |
| Aroclor-1268-3       | (3) | 211915080  | 218354113  | 225284280  | 231505696  | 216470880  | 220706010  | 4 |
| Aroclor-1268-4       | (4) | 93231632   | 96431025   | 99007040   | 98059984   | 82736300   | 93893196   | 7 |
| Aroclor-1268-5       | (5) | 590082071  | 603740247  | 621062448  | 631335032  | 536707900  | 596585540  | 6 |
| Decachlorobiphenyl   |     | 2486623660 | 2556709627 | 2669414960 | 2694667240 | 2263272000 | 2534137497 | 7 |
| Tetrachloro-m-xylene |     | 1883977950 | 1931567613 | 1982008260 | 2006991440 | 1590966000 | 1879102253 | 9 |

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

**Contract:** PORT06  
**Lab Code:** CHEM **Case No.:** Q1901 **SAS No.:** Q1901 **SDG NO.:** Q1901  
**Instrument ID:** ECD\_P **Calibration Date(s):** 04/22/2025 04/22/2025  
**Calibration Times:** 10:29 17:49

**GC Column:** ZB-MR2 **ID:** 0.32 (mm)

| LAB FILE ID:               |     | CF 1000 = <u>PP071389.D</u> |            | CF 750 = <u>PP071390.D</u> |            |            |            |
|----------------------------|-----|-----------------------------|------------|----------------------------|------------|------------|------------|
| CF 500 = <u>PP071391.D</u> |     | CF 250 = <u>PP071392.D</u>  |            | CF 050 = <u>PP071393.D</u> |            |            |            |
| COMPOUND                   |     | CF 1000                     | CF 750     | CF 500                     | CF 250     | CF 050     | % RSD      |
| Aroclor-1016-1             | (1) | 48121828                    | 49414308   | 53806128                   | 56180596   | 60145020   | 53533576   |
| Aroclor-1016-2             | (2) | 69736709                    | 72096436   | 77213744                   | 78520924   | 84250740   | 76363711   |
| Aroclor-1016-3             | (3) | 38517048                    | 40455577   | 43831736                   | 45082616   | 43165080   | 42210411   |
| Aroclor-1016-4             | (4) | 31206636                    | 32814844   | 36123020                   | 37095092   | 35190100   | 34485938   |
| Aroclor-1016-5             | (5) | 39458687                    | 41985771   | 45850608                   | 46345748   | 48595640   | 44447291   |
| Aroclor-1260-1             | (1) | 63219917                    | 66123699   | 73727666                   | 76350368   | 82074520   | 72299234   |
| Aroclor-1260-2             | (2) | 77338708                    | 77548395   | 89921718                   | 91492956   | 101005300  | 87461415   |
| Aroclor-1260-3             | (3) | 72062678                    | 70944365   | 81698234                   | 79344004   | 87888600   | 78387576   |
| Aroclor-1260-4             | (4) | 57333188                    | 56779915   | 65331750                   | 68083052   | 68025140   | 63110609   |
| Aroclor-1260-5             | (5) | 143809415                   | 139161576  | 155842678                  | 157512280  | 157560640  | 150777318  |
| Decachlorobiphenyl         |     | 831147600                   | 875337973  | 902319620                  | 934998560  | 841460400  | 877052831  |
| Tetrachloro-m-xylene       |     | 1380433570                  | 1378340613 | 1415112020                 | 1448341640 | 1420974200 | 1408640409 |
| Aroclor-1242-1             | (1) | 42717527                    | 44660211   | 47919806                   | 49576672   | 46343800   | 46243603   |
| Aroclor-1242-2             | (2) | 62346958                    | 64901092   | 68295906                   | 70279172   | 64290540   | 66022734   |
| Aroclor-1242-3             | (3) | 34614031                    | 35703872   | 38469574                   | 40739776   | 32714120   | 36448275   |
| Aroclor-1242-4             | (4) | 33518120                    | 34659665   | 37548334                   | 39683016   | 33143760   | 35710579   |
| Aroclor-1242-5             | (5) | 41214500                    | 42688541   | 44971456                   | 47258656   | 41407120   | 43508055   |
| Decachlorobiphenyl         |     | 815615080                   | 851726400  | 897002660                  | 917481280  | 766770800  | 849719244  |
| Tetrachloro-m-xylene       |     | 1295159620                  | 1325412680 | 1503876340                 | 1432488040 | 1389045200 | 1389196376 |
| Aroclor-1248-1             | (1) | 30996932                    | 35945815   | 36538014                   | 39256084   | 37796080   | 36106585   |
| Aroclor-1248-2             | (2) | 43624561                    | 47309389   | 48616518                   | 53505512   | 51756020   | 48962400   |
| Aroclor-1248-3             | (3) | 45791659                    | 49899927   | 50774174                   | 56002176   | 52959580   | 51085503   |
| Aroclor-1248-4             | (4) | 53871444                    | 58562581   | 58680784                   | 64889280   | 67282380   | 60657294   |
| Aroclor-1248-5             | (5) | 52150607                    | 56290108   | 57608714                   | 65271236   | 60133720   | 58290877   |
| Decachlorobiphenyl         |     | 826375100                   | 860756013  | 900400040                  | 940375840  | 921771600  | 889935719  |
| Tetrachloro-m-xylene       |     | 1324712230                  | 1514156880 | 1548203640                 | 1434858960 | 1416930600 | 1447772462 |
| Aroclor-1254-1             | (1) | 81690839                    | 87361264   | 89755404                   | 97285536   | 100908960  | 91400401   |
| Aroclor-1254-2             | (2) | 70045476                    | 75469849   | 77317914                   | 83154376   | 87573280   | 78712179   |
| Aroclor-1254-3             | (3) | 109725744                   | 114103376  | 120096818                  | 124380164  | 124235440  | 118508308  |
| Aroclor-1254-4             | (4) | 70169900                    | 74068720   | 77810162                   | 81877428   | 81901880   | 77165618   |
| Aroclor-1254-5             | (5) | 92229111                    | 96109599   | 104690794                  | 107384400  | 106924600  | 101467701  |
| Decachlorobiphenyl         |     | 846307500                   | 875335867  | 916104900                  | 955261880  | 868223800  | 892246789  |
| Tetrachloro-m-xylene       |     | 1390553300                  | 1501013893 | 1450901500                 | 1518608160 | 1468503000 | 1465915971 |
| Aroclor-1268-1             | (1) | 181860271                   | 188460193  | 203483780                  | 205414332  | 201904640  | 196224643  |





284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
Fax : 908 789 8922

#### CALIBRATION FACTOR OF INITIAL CALIBRATION

|                      |     |            |            |            |            |            |            |   |
|----------------------|-----|------------|------------|------------|------------|------------|------------|---|
| Aroclor-1268-2       | (2) | 154801411  | 159518377  | 172755008  | 173272408  | 170561360  | 166181713  | 5 |
| Aroclor-1268-3       | (3) | 128491160  | 133089205  | 143083692  | 144773184  | 135469120  | 136981272  | 5 |
| Aroclor-1268-4       | (4) | 56964280   | 59695839   | 63521398   | 64177792   | 55793320   | 60030526   | 6 |
| Aroclor-1268-5       | (5) | 367021219  | 377695863  | 385175068  | 387479012  | 342861840  | 372046600  | 5 |
| Decachlorobiphenyl   |     | 1499051200 | 1546040093 | 1602790460 | 1652739760 | 1464953600 | 1553115023 | 5 |
| Tetrachloro-m-xylene |     | 1476470990 | 1445952813 | 1464214380 | 1457737600 | 1300882000 | 1429051557 | 5 |



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
Fax : 908 789 8922

### INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: PORT06

Lab Code: CHEM Case No.: Q1901 SAS No.: Q1901 SDG NO.: Q1901

Instrument ID: ECD\_P Date(s) Analyzed: 04/22/2025 04/22/2025

GC Column: ZB-MR1 ID: 0.32 (mm)

| COMPOUND     | AMOUNT<br>(ng) | PEAK | RT   | RT WINDOW |      | CALIBRATION<br>FACTOR |
|--------------|----------------|------|------|-----------|------|-----------------------|
|              |                |      |      | FROM      | TO   |                       |
| Aroclor-1221 | 500            | 1    | 4.72 | 4.62      | 4.82 | 24116800              |
|              |                | 2    | 4.80 | 4.70      | 4.90 | 18016900              |
|              |                | 3    | 4.88 | 4.78      | 4.98 | 56611200              |
|              |                | 4    | 0.00 |           |      | 0                     |
|              |                | 5    | 0.00 |           |      | 0                     |
| Aroclor-1232 | 500            | 1    | 4.88 | 4.78      | 4.98 | 44912000              |
|              |                | 2    | 5.40 | 5.30      | 5.50 | 23013000              |
|              |                | 3    | 5.69 | 5.59      | 5.79 | 47217600              |
|              |                | 4    | 5.85 | 5.75      | 5.95 | 23179400              |
|              |                | 5    | 5.94 | 5.84      | 6.04 | 16145700              |
| Aroclor-1262 | 500            | 1    | 8.10 | 8.00      | 8.20 | 144491000             |
|              |                | 2    | 8.42 | 8.32      | 8.52 | 274186000             |
|              |                | 3    | 8.74 | 8.64      | 8.84 | 182878000             |
|              |                | 4    | 8.82 | 8.72      | 8.92 | 134211000             |
|              |                | 5    | 9.48 | 9.38      | 9.58 | 88162000              |



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
Fax : 908 789 8922

# INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: PORT06

Lab Code: CHEM Case No.: Q1901 SAS No.: Q1901 SDG NO.: Q1901

Instrument ID: ECD\_P Date(s) Analyzed: 04/22/2025 04/22/2025

GC Column: ZB-MR2 ID: 0.32 (mm)

| COMPOUND     | AMOUNT<br>(ng) | PEAK | RT   | RT WINDOW |      | CALIBRATION<br>FACTOR |
|--------------|----------------|------|------|-----------|------|-----------------------|
|              |                |      |      | FROM      | TO   |                       |
| Aroclor-1221 | 500            | 1    | 4.02 | 3.92      | 4.12 | 21995000              |
|              |                | 2    | 4.11 | 4.01      | 4.21 | 16561700              |
|              |                | 3    | 4.19 | 4.09      | 4.29 | 48477000              |
|              |                | 4    | 0.00 |           |      | 0                     |
|              |                | 5    | 0.00 |           |      | 0                     |
| Aroclor-1232 | 500            | 1    | 4.19 | 4.09      | 4.29 | 38317800              |
|              |                | 2    | 4.92 | 4.82      | 5.02 | 38187400              |
|              |                | 3    | 5.09 | 4.99      | 5.19 | 21175200              |
|              |                | 4    | 5.18 | 5.08      | 5.28 | 18540400              |
|              |                | 5    | 5.35 | 5.25      | 5.45 | 19901900              |
| Aroclor-1262 | 500            | 1    | 6.94 | 6.84      | 7.04 | 113612000             |
|              |                | 2    | 7.20 | 7.10      | 7.30 | 92339400              |
|              |                | 3    | 7.72 | 7.62      | 7.82 | 75694400              |
|              |                | 4    | 7.79 | 7.69      | 7.89 | 124826000             |
|              |                | 5    | 8.29 | 8.19      | 8.39 | 55493200              |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
 Data File : PP071389.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Apr 2025 10:29  
 Operator : YP\AJ  
 Sample : AR1660ICC1000  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1660ICC1000

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 22 11:18:22 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Apr 22 11:14:53 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.511  | 3.811 | 194.7E6  | 138.0E6  | 97.025  | 98.760  |
| 2) SA Decachlor...          | 10.230 | 8.849 | 141.0E6  | 83114760 | 96.154  | 95.894  |
| Target Compounds            |        |       |          |          |         |         |
| 3) L1 AR-1016-1             | 5.664  | 4.897 | 64709894 | 48121828 | 960.134 | 944.232 |
| 4) L1 AR-1016-2             | 5.686  | 4.915 | 98977911 | 69736709 | 959.335 | 949.119 |
| 5) L1 AR-1016-3             | 5.749  | 5.092 | 59905708 | 38517048 | 964.650 | 935.461 |
| 6) L1 AR-1016-4             | 5.846  | 5.134 | 50563747 | 31206636 | 970.673 | 926.980 |
| 7) L1 AR-1016-5             | 6.139  | 5.349 | 47772963 | 39458687 | 970.565 | 925.074 |
| 31) L7 AR-1260-1            | 7.259  | 6.384 | 90879847 | 63219917 | 958.169 | 923.272 |
| 32) L7 AR-1260-2            | 7.512  | 6.572 | 137.2E6  | 77338708 | 963.694 | 924.770 |
| 33) L7 AR-1260-3            | 7.872  | 6.726 | 110.4E6  | 72062678 | 967.762 | 937.334 |
| 34) L7 AR-1260-4            | 8.095  | 7.197 | 105.6E6  | 57333188 | 973.982 | 934.793 |
| 35) L7 AR-1260-5            | 8.416  | 7.439 | 220.5E6  | 143.8E6  | 981.349 | 959.843 |
| -----                       |        |       |          |          |         |         |

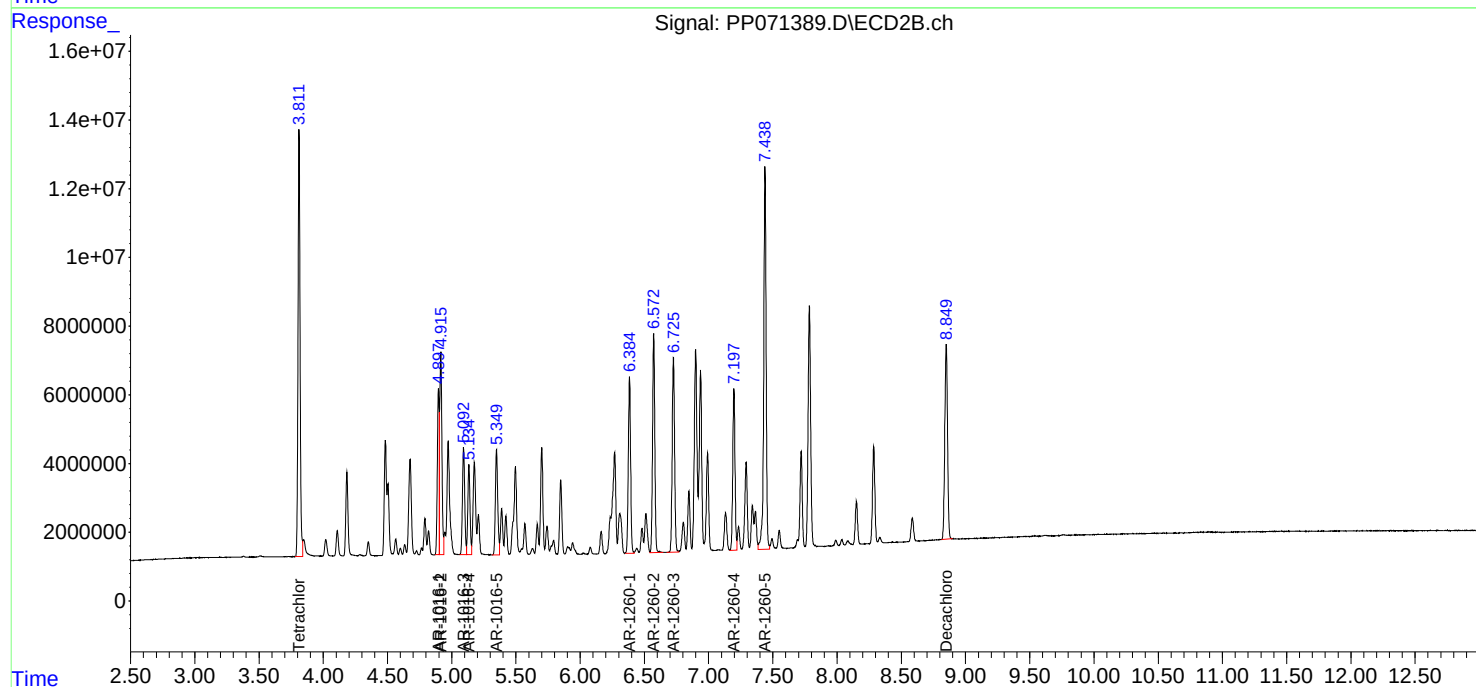
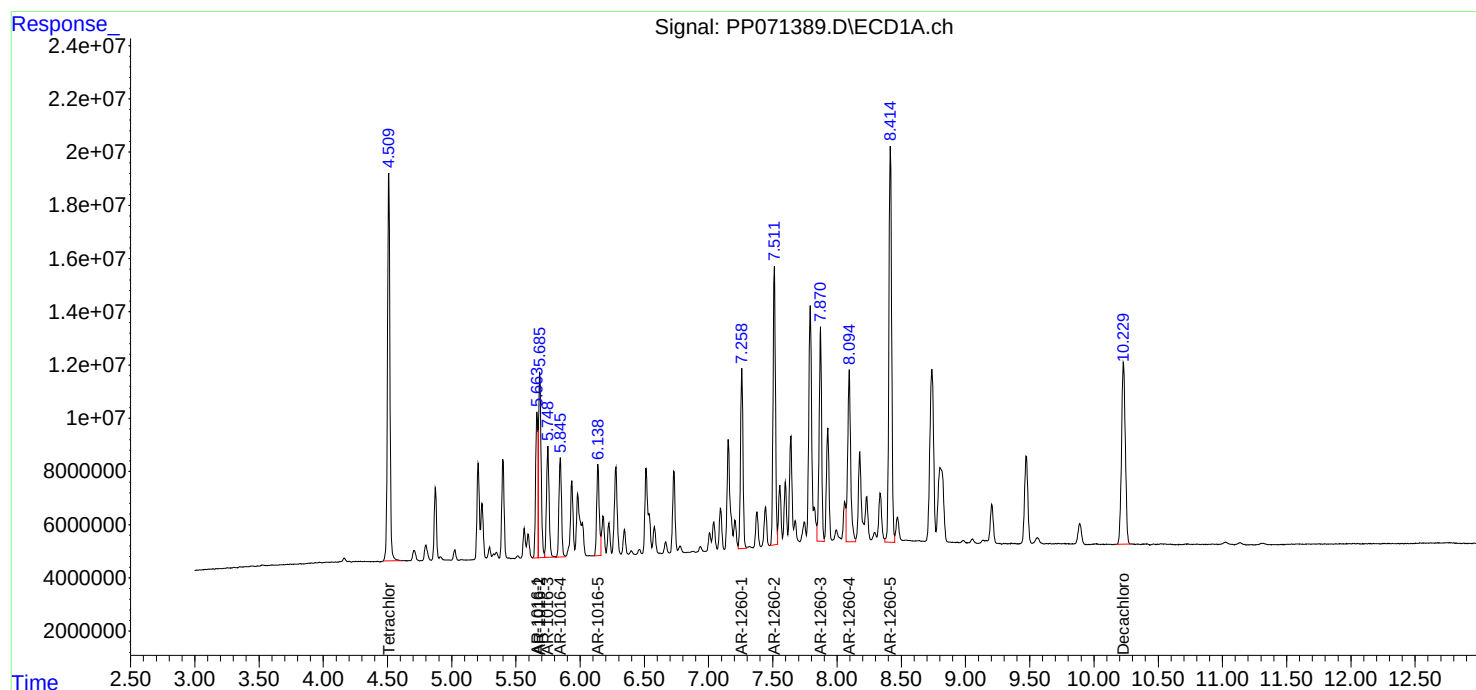
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
Data File : PP071389.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Apr 2025 10:29  
Operator : YP\AJ  
Sample : AR1660ICC1000  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC1000

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 22 11:18:22 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Apr 22 11:14:53 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
 Data File : PP071390.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Apr 2025 10:45  
 Operator : YP\AJ  
 Sample : AR1660ICC750  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1660ICC750

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 22 11:20:57 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Apr 22 11:14:53 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.514  | 3.811 | 150.4E6  | 103.4E6  | 74.955  | 74.302  |
| 2) SA Decachlor...          | 10.233 | 8.848 | 110.0E6  | 65650348 | 75.027  | 75.495  |
| Target Compounds            |        |       |          |          |         |         |
| 3) L1 AR-1016-1             | 5.668  | 4.897 | 50739521 | 37060731 | 751.897 | 734.641 |
| 4) L1 AR-1016-2             | 5.690  | 4.915 | 76773673 | 54072327 | 746.071 | 740.558 |
| 5) L1 AR-1016-3             | 5.752  | 5.092 | 46595357 | 30341683 | 750.210 | 741.220 |
| 6) L1 AR-1016-4             | 5.849  | 5.134 | 39314842 | 24611133 | 753.145 | 737.269 |
| 7) L1 AR-1016-5             | 6.142  | 5.349 | 37008027 | 31489328 | 751.240 | 742.118 |
| 31) L7 AR-1260-1            | 7.261  | 6.383 | 71143144 | 49592774 | 750.053 | 732.641 |
| 32) L7 AR-1260-2            | 7.514  | 6.572 | 106.8E6  | 58161296 | 750.195 | 712.735 |
| 33) L7 AR-1260-3            | 7.873  | 6.725 | 85834111 | 53208274 | 751.834 | 710.374 |
| 34) L7 AR-1260-4            | 8.097  | 7.197 | 83085064 | 42584936 | 760.941 | 711.945 |
| 35) L7 AR-1260-5            | 8.418  | 7.438 | 171.8E6  | 104.4E6  | 759.599 | 713.546 |
| -----                       |        |       |          |          |         |         |

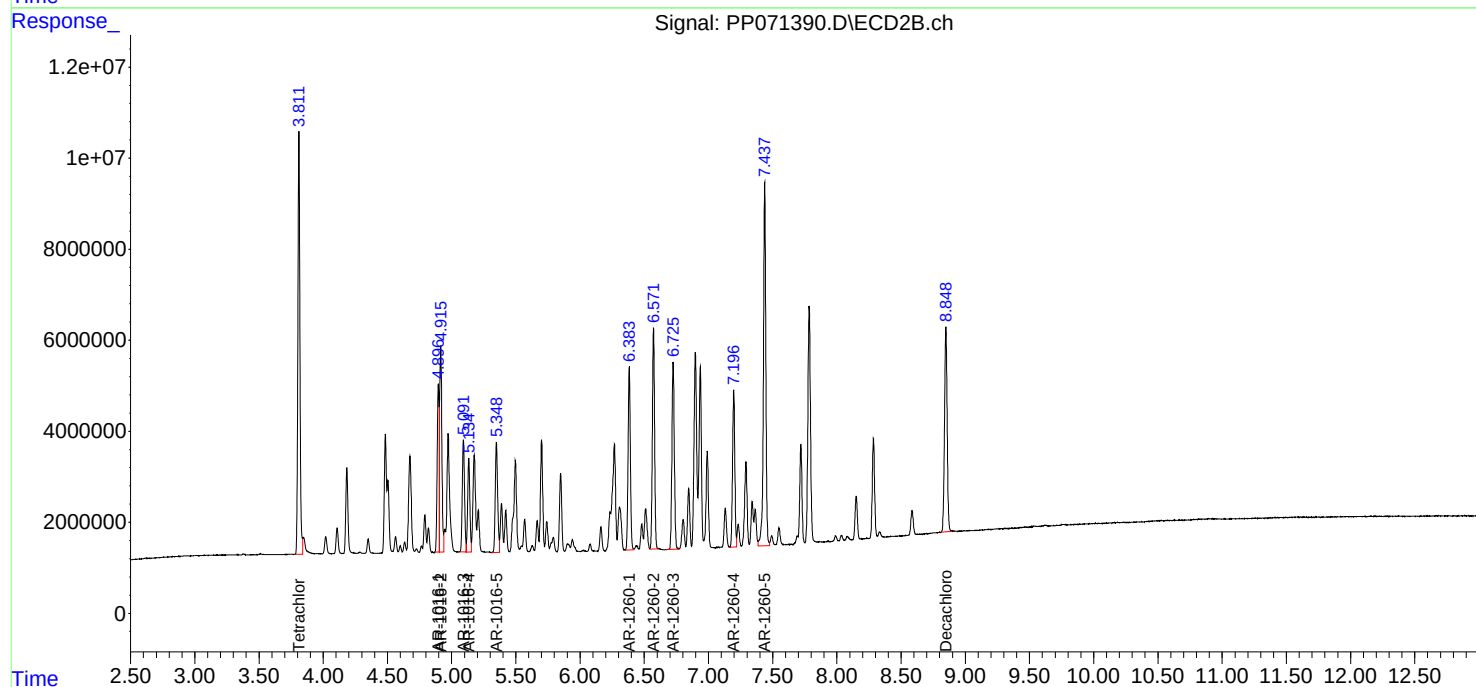
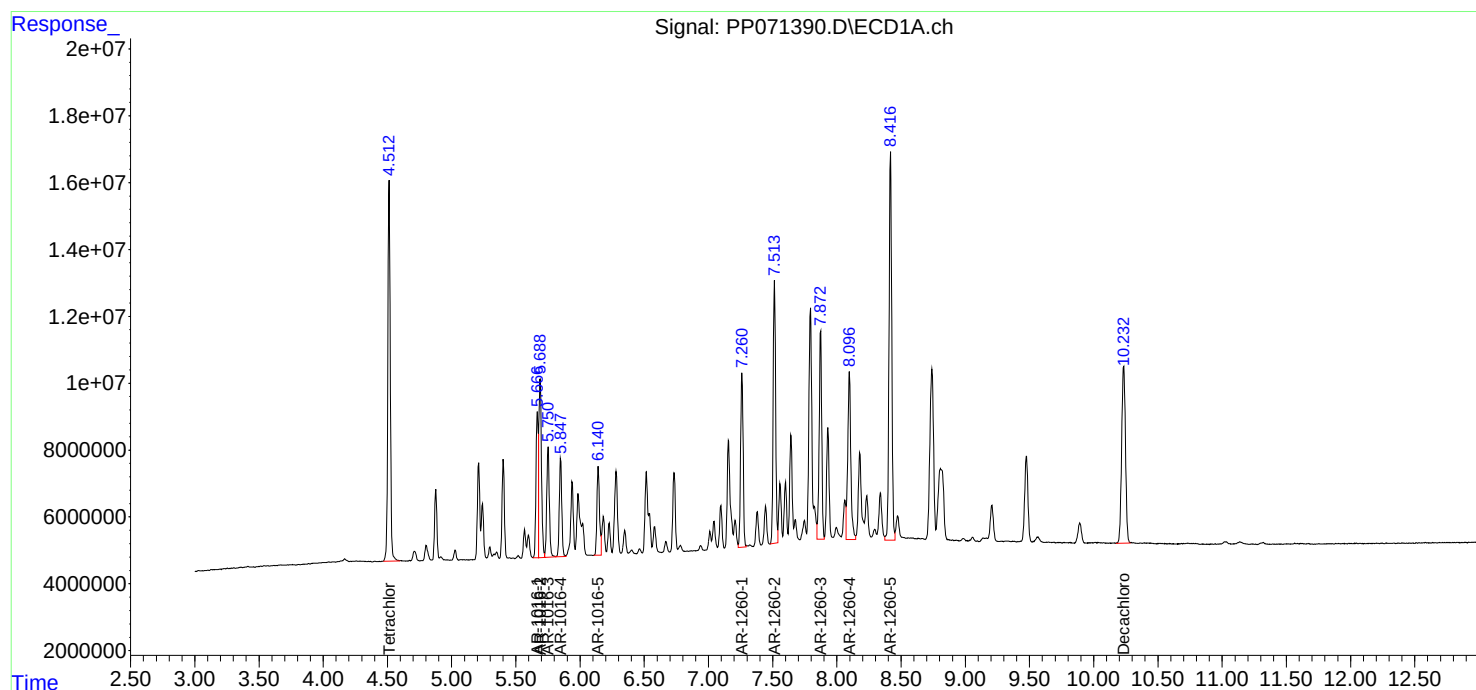
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
Data File : PP071390.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Apr 2025 10:45  
Operator : YP\AJ  
Sample : AR1660ICC750  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC750

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 22 11:20:57 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Apr 22 11:14:53 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
 Data File : PP071391.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Apr 2025 11:02  
 Operator : YP\AJ  
 Sample : AR1660ICC500  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1660ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 22 11:15:13 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Apr 22 11:14:53 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.517  | 3.812 | 103.3E6  | 70755601 | 50.000  | 50.000  |
| 2) SA Decachlor...          | 10.237 | 8.849 | 76129158 | 45115981 | 50.000  | 50.000  |
| Target Compounds            |        |       |          |          |         |         |
| 3) L1 AR-1016-1             | 5.671  | 4.898 | 35041766 | 26903064 | 500.000 | 500.000 |
| 4) L1 AR-1016-2             | 5.693  | 4.916 | 53684537 | 38606872 | 500.000 | 500.000 |
| 5) L1 AR-1016-3             | 5.754  | 5.093 | 32148154 | 21915868 | 500.000 | 500.000 |
| 6) L1 AR-1016-4             | 5.852  | 5.136 | 26809538 | 18061510 | 500.000 | 500.000 |
| 7) L1 AR-1016-5             | 6.145  | 5.350 | 25335334 | 22925304 | 500.000 | 500.000 |
| 31) L7 AR-1260-1            | 7.265  | 6.385 | 49407493 | 36863833 | 500.000 | 500.000 |
| 32) L7 AR-1260-2            | 7.518  | 6.573 | 73749186 | 44960859 | 500.000 | 500.000 |
| 33) L7 AR-1260-3            | 7.877  | 6.727 | 58851402 | 40849117 | 500.000 | 500.000 |
| 34) L7 AR-1260-4            | 8.102  | 7.198 | 55605534 | 32665875 | 500.000 | 500.000 |
| 35) L7 AR-1260-5            | 8.422  | 7.439 | 114.5E6  | 77921339 | 500.000 | 500.000 |
| -----                       |        |       |          |          |         |         |

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

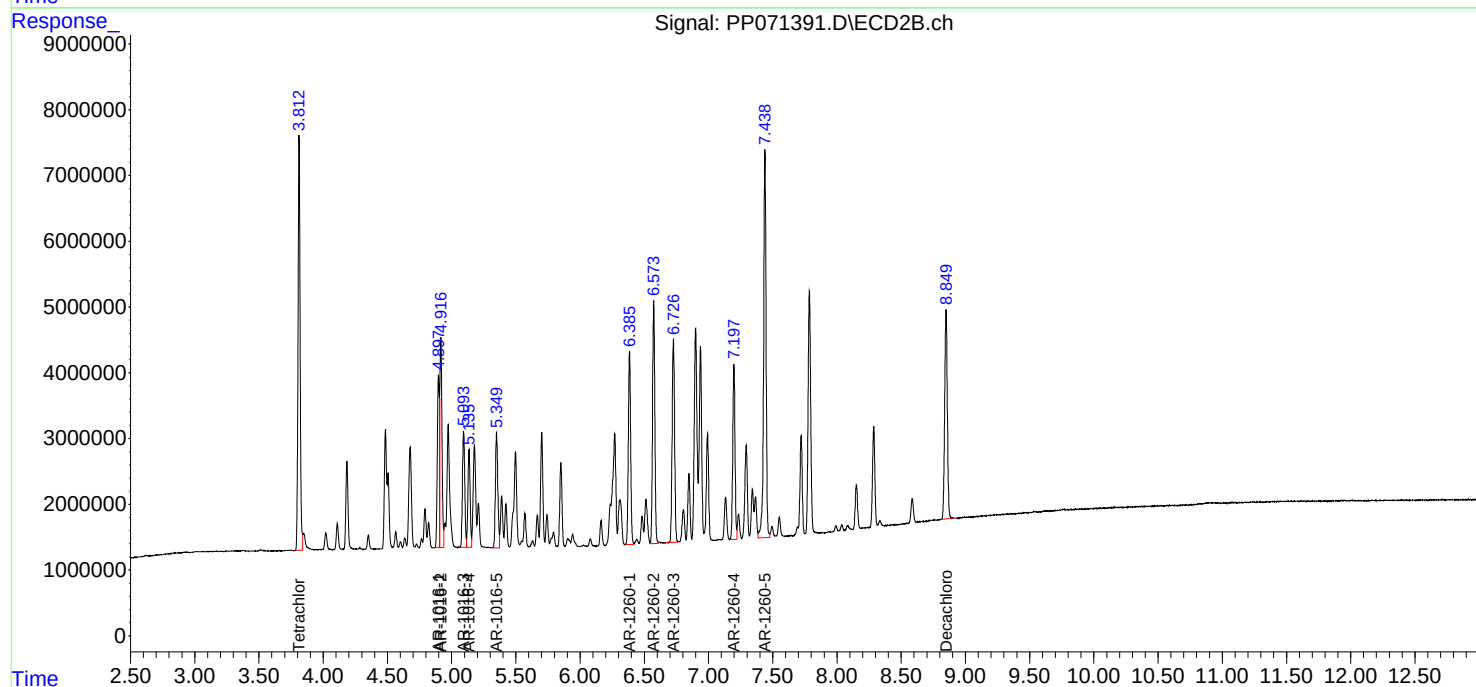
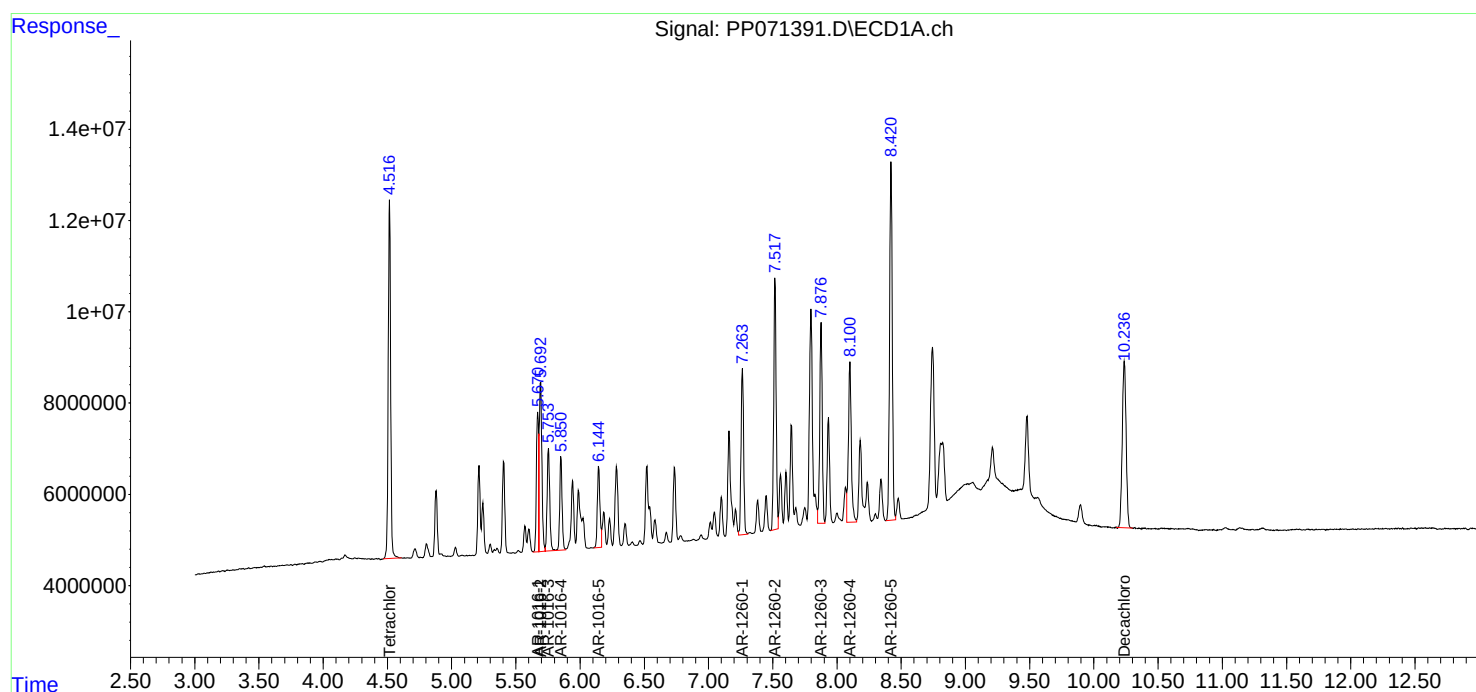


Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
Data File : PP071391.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Apr 2025 11:02  
Operator : YP\AJ  
Sample : AR1660ICC500  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 22 11:15:13 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Apr 22 11:14:53 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
 Data File : PP071392.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Apr 2025 11:18  
 Operator : YP\AJ  
 Sample : AR1660ICC250  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1660ICC250

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 22 11:30:03 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Apr 22 11:29:52 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.514  | 3.813 | 52508817 | 36208541 | 25.869  | 25.761  |
| 2) SA Decachlor...          | 10.233 | 8.850 | 38498712 | 23374964 | 25.928  | 26.384  |
| Target Compounds            |        |       |          |          |         |         |
| 3) L1 AR-1016-1             | 5.668  | 4.899 | 17782164 | 14045149 | 259.997 | 270.720 |
| 4) L1 AR-1016-2             | 5.689  | 4.917 | 27203473 | 19630231 | 260.616 | 263.876 |
| 5) L1 AR-1016-3             | 5.752  | 5.094 | 16462482 | 11270654 | 261.124 | 268.530 |
| 6) L1 AR-1016-4             | 5.849  | 5.136 | 13735357 | 9273773  | 259.716 | 270.294 |
| 7) L1 AR-1016-5             | 6.142  | 5.351 | 12722141 | 11586437 | 256.138 | 266.906 |
| 31) L7 AR-1260-1            | 7.261  | 6.386 | 24914936 | 19087592 | 259.387 | 273.244 |
| 32) L7 AR-1260-2            | 7.515  | 6.574 | 37471925 | 22873239 | 259.800 | 272.056 |
| 33) L7 AR-1260-3            | 7.873  | 6.727 | 31628881 | 19836001 | 269.748 | 260.958 |
| 34) L7 AR-1260-4            | 8.098  | 7.199 | 32815153 | 17020763 | 286.081 | 275.052 |
| 35) L7 AR-1260-5            | 8.417  | 7.441 | 63777045 | 39378070 | 273.242 | 264.138 |
| -----                       |        |       |          |          |         |         |

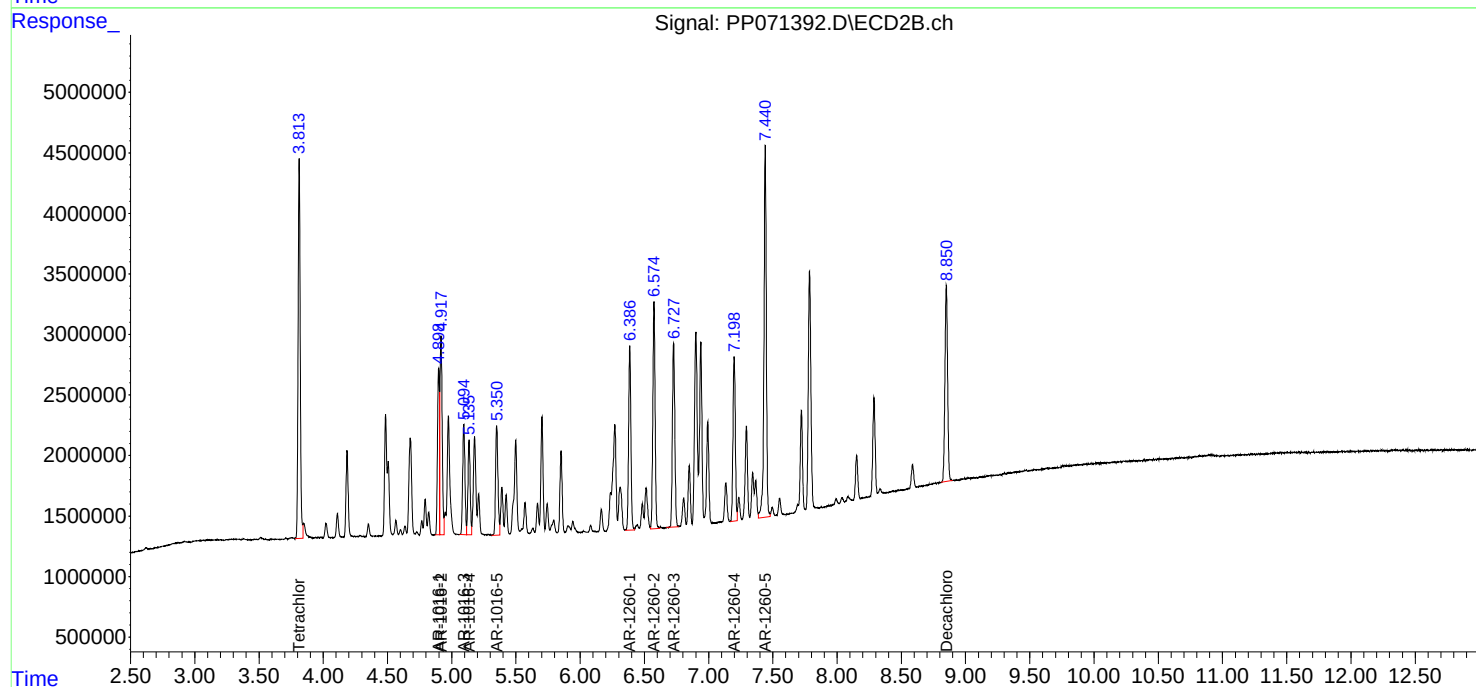
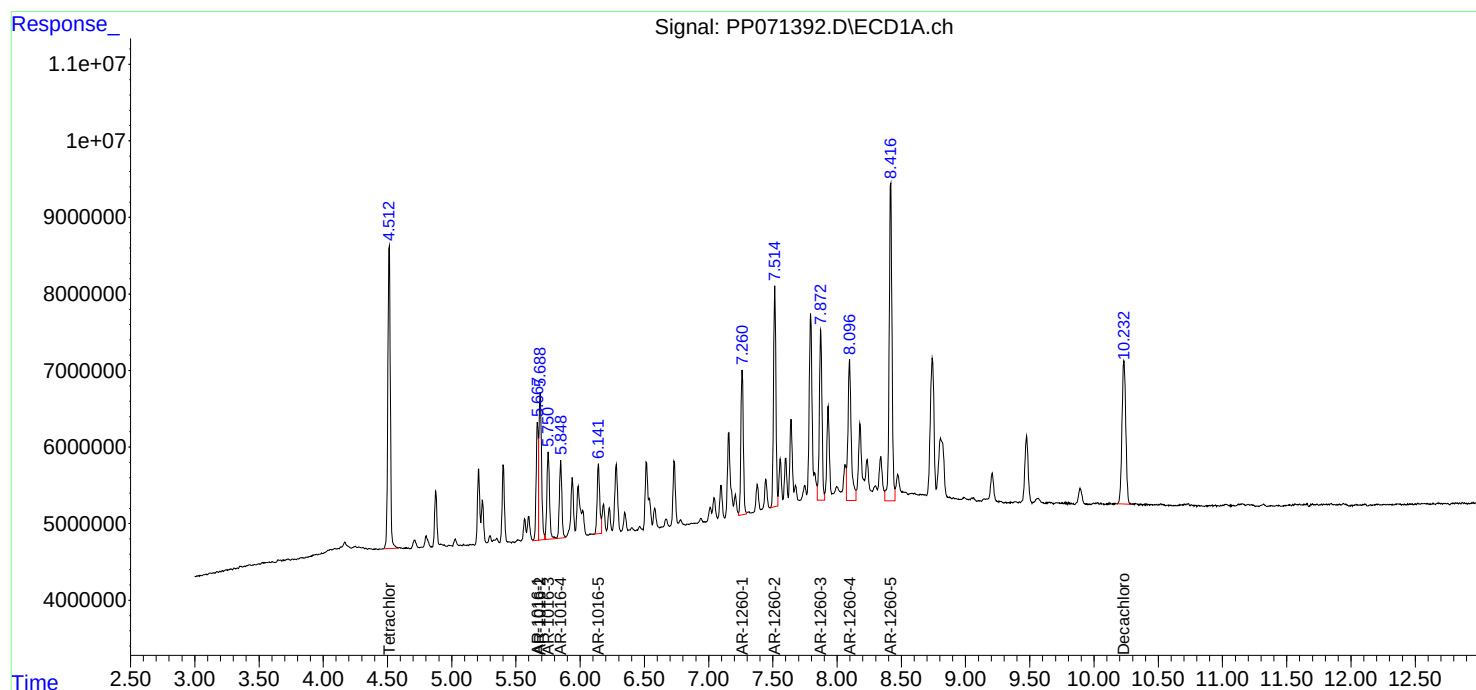
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
Data File : PP071392.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Apr 2025 11:18  
Operator : YP\AJ  
Sample : AR1660ICC250  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC250

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 22 11:30:03 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Apr 22 11:29:52 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
 Data File : PP071393.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Apr 2025 11:34  
 Operator : YP\AJ  
 Sample : AR1660ICC050  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1660ICC050

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 04/23/2025  
 Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 22 11:47:04 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Apr 22 11:46:41 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1  | Resp#2  | ng/ml   | ng/ml    |
|-----------------------------|--------|-------|---------|---------|---------|----------|
| -----                       |        |       |         |         |         |          |
| System Monitoring Compounds |        |       |         |         |         |          |
| 1) SA Tetrachlo...          | 4.515  | 3.812 | 8969831 | 7104871 | 4.524   | 5.044    |
| 2) SA Decachlor...          | 10.235 | 8.850 | 6503503 | 4207302 | 4.491   | 4.797    |
| Target Compounds            |        |       |         |         |         |          |
| 3) L1 AR-1016-1             | 5.669  | 4.898 | 3083717 | 3007251 | 45.991  | 56.175   |
| 4) L1 AR-1016-2             | 5.691  | 4.916 | 4780792 | 4212537 | 46.584  | 55.164   |
| 5) L1 AR-1016-3             | 5.753  | 5.094 | 2802822 | 2158254 | 45.466  | 51.131   |
| 6) L1 AR-1016-4             | 5.851  | 5.135 | 2247335 | 1759505 | 43.809  | 51.021   |
| 7) L1 AR-1016-5             | 6.144  | 5.349 | 2125784 | 2429782 | 44.068  | 54.667   |
| 31) L7 AR-1260-1            | 7.262  | 6.384 | 4795547 | 4103726 | 49.941  | 56.760   |
| 32) L7 AR-1260-2            | 7.516  | 6.573 | 6922549 | 5050265 | 48.383  | 57.743   |
| 33) L7 AR-1260-3            | 7.875  | 6.726 | 4575293 | 4394430 | 40.810m | 56.060 # |
| 34) L7 AR-1260-4            | 8.098  | 7.197 | 5275083 | 3401257 | 46.807m | 53.894   |
| 35) L7 AR-1260-5            | 8.417  | 7.439 | 9961562 | 7878032 | 43.897m | 52.249   |
| -----                       |        |       |         |         |         |          |

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
Data File : PP071393.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Apr 2025 11:34  
Operator : YP\AJ  
Sample : AR1660ICC050  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

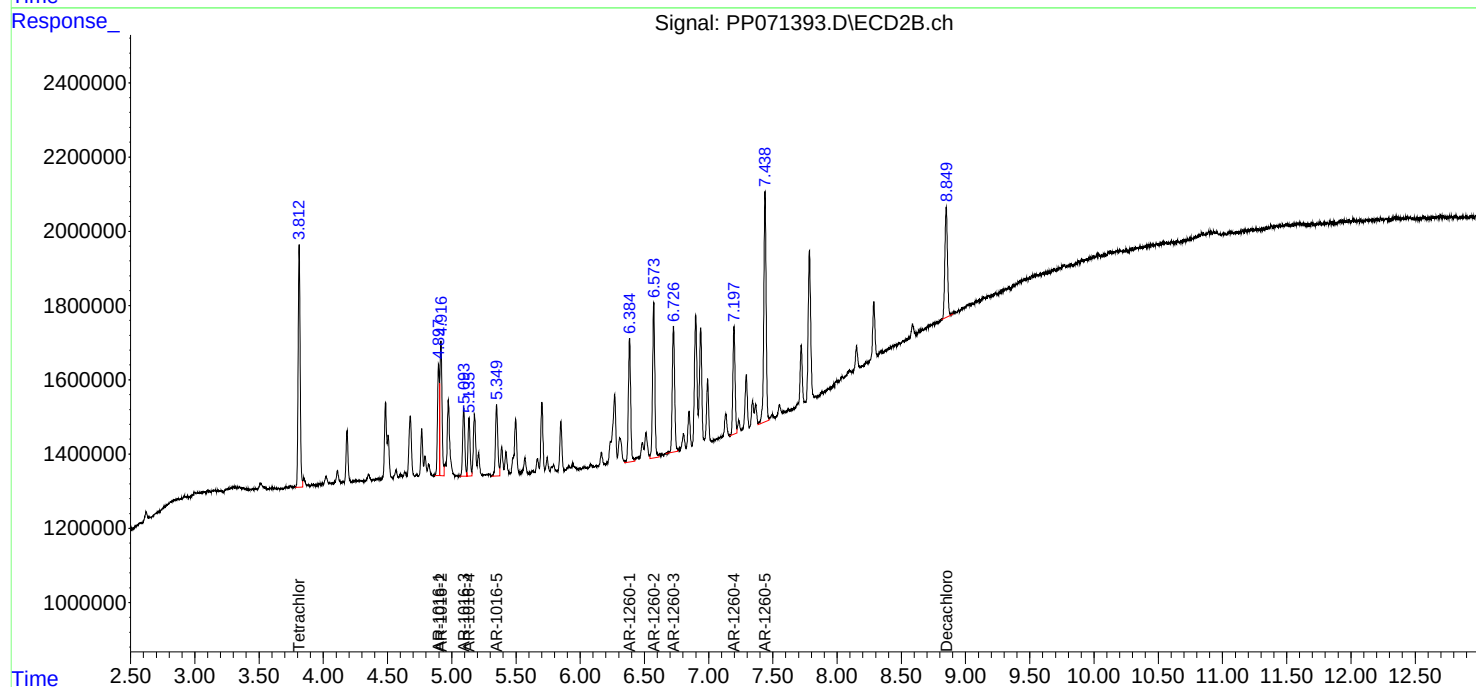
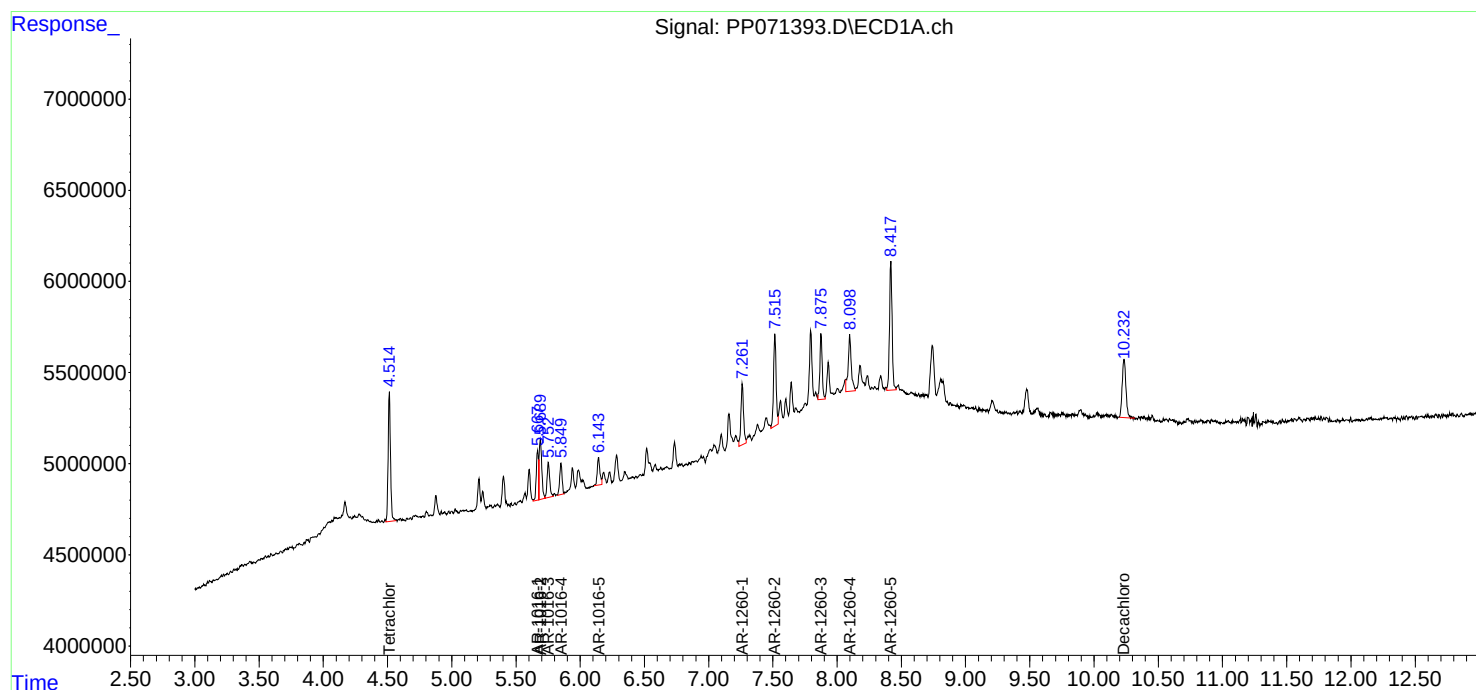
Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC050

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 04/23/2025  
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 22 11:47:04 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Apr 22 11:46:41 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
 Data File : PP071394.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Apr 2025 11:51  
 Operator : YP\AJ  
 Sample : AR1221ICC500  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1221ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 22 12:26:52 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Apr 22 12:26:37 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.513  | 3.812 | 102.0E6  | 70886063 | 50.000  | 50.000  |
| 2) SA Decachlor...          | 10.233 | 8.849 | 73129811 | 43684216 | 50.000  | 50.000  |
| Target Compounds            |        |       |          |          |         |         |
| 8) L2 AR-1221-1             | 4.715  | 4.022 | 12058427 | 10997465 | 500.000 | 500.000 |
| 9) L2 AR-1221-2             | 4.800  | 4.109 | 9008471  | 8280856  | 500.000 | 500.000 |
| 10) L2 AR-1221-3            | 4.876  | 4.185 | 28305615 | 24238496 | 500.000 | 500.000 |
| -----                       |        |       |          |          |         |         |

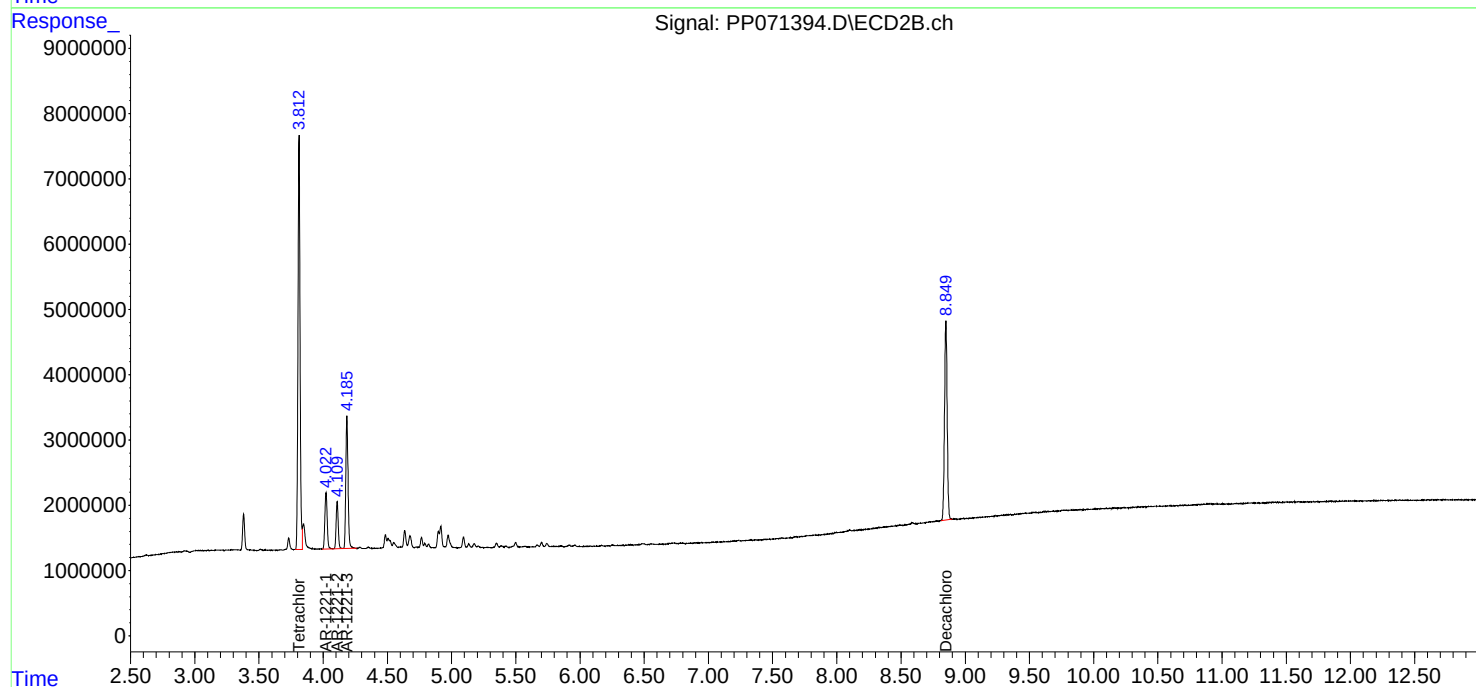
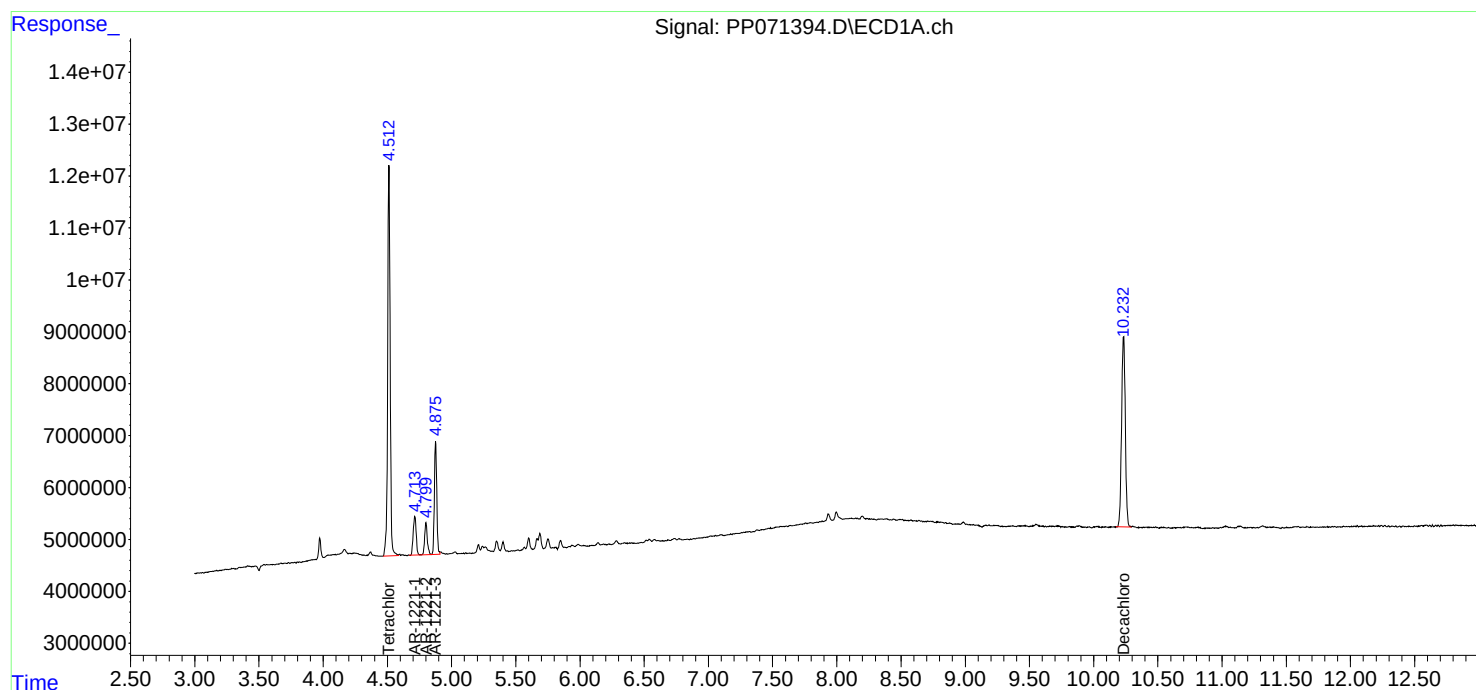
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
Data File : PP071394.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Apr 2025 11:51  
Operator : YP\AJ  
Sample : AR1221ICC500  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1221ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 22 12:26:52 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Apr 22 12:26:37 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
 Data File : PP071395.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Apr 2025 12:07  
 Operator : YP\AJ  
 Sample : AR1232ICC500  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1232ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 22 12:29:45 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Apr 22 12:26:37 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.515  | 3.813 | 97587735 | 67524433 | 50.000  | 50.000  |
| 2) SA Decachlor...          | 10.233 | 8.851 | 71248479 | 42941843 | 50.000  | 50.000  |
| Target Compounds            |        |       |          |          |         |         |
| 11) L3 AR-1232-1            | 4.878  | 4.186 | 22456038 | 19158895 | 500.000 | 500.000 |
| 12) L3 AR-1232-2            | 5.403  | 4.917 | 11506547 | 19093695 | 500.000 | 500.000 |
| 13) L3 AR-1232-3            | 5.690  | 5.094 | 23608778 | 10587643 | 500.000 | 500.000 |
| 14) L3 AR-1232-4            | 5.850  | 5.178 | 11589674 | 9270206  | 500.000 | 500.000 |
| 15) L3 AR-1232-5            | 5.940  | 5.351 | 8072861  | 9950926  | 500.000 | 500.000 |
| -----                       |        |       |          |          |         |         |

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

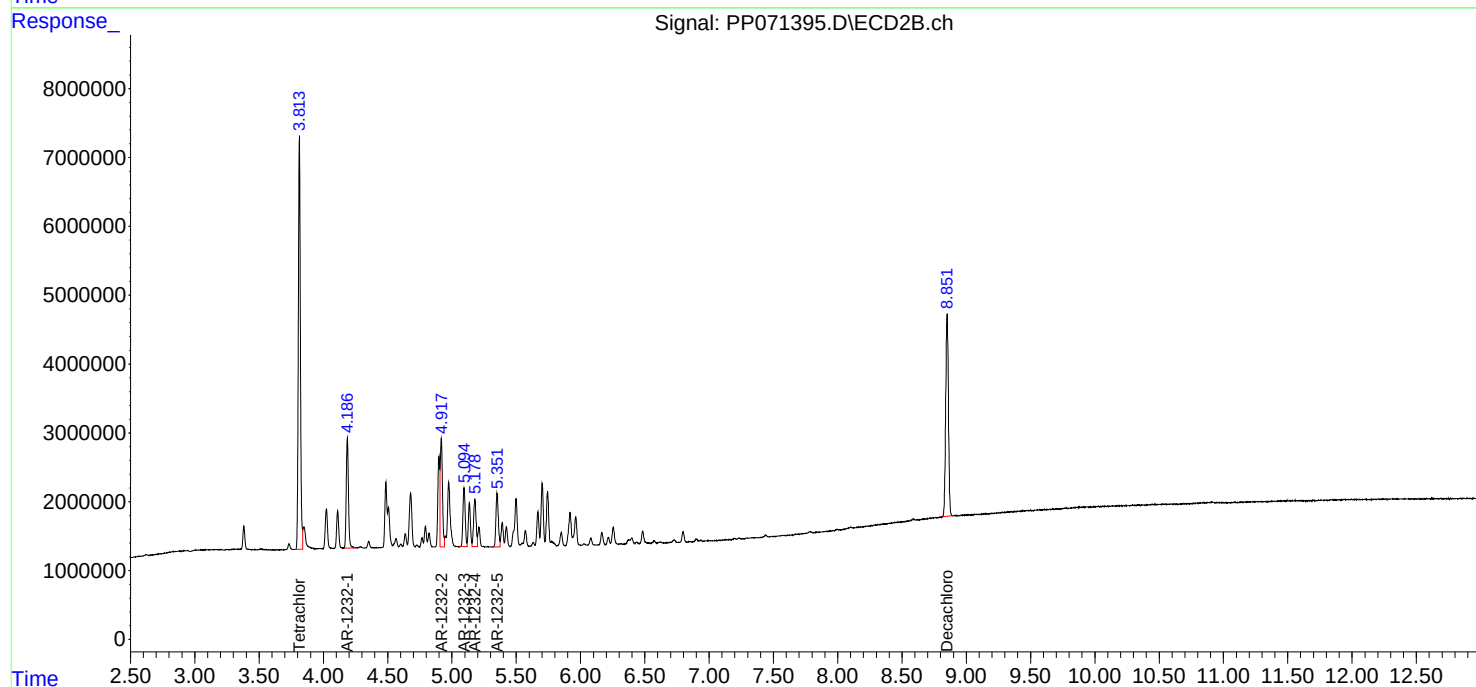
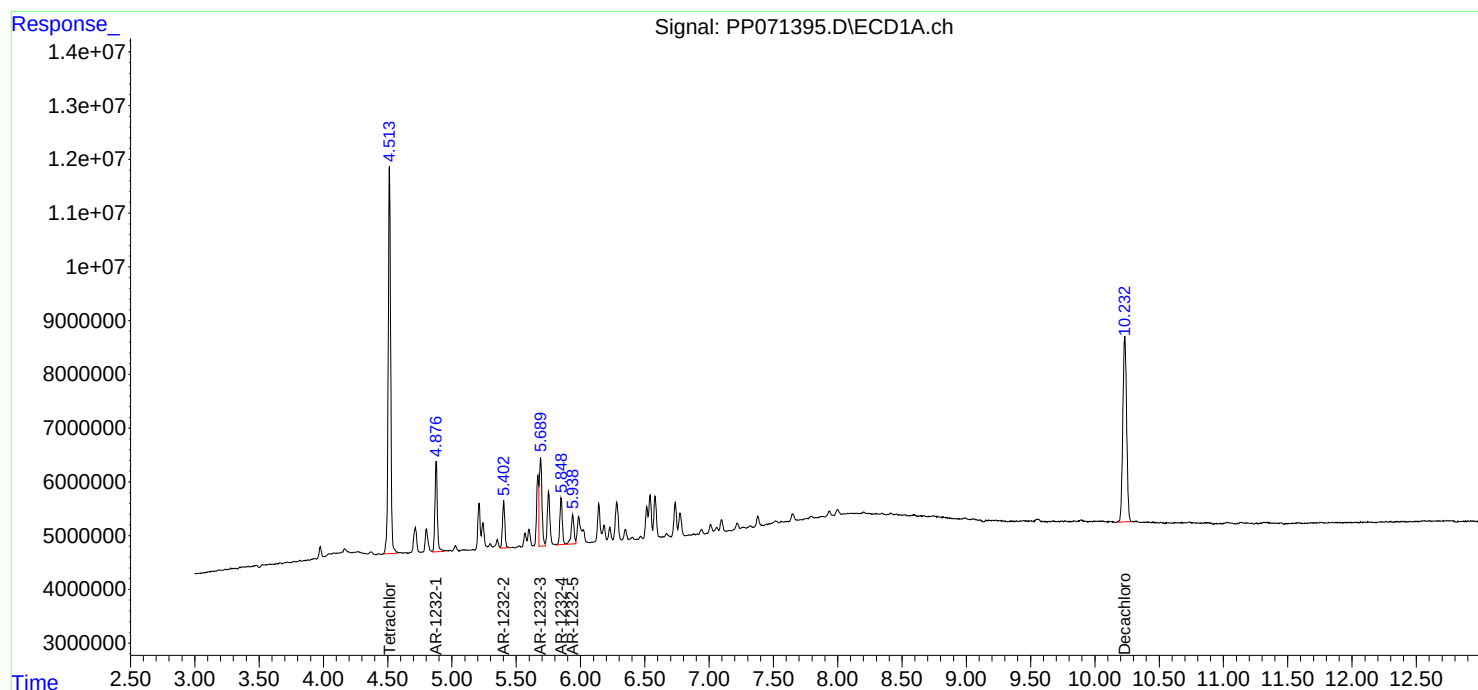


Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
Data File : PP071395.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Apr 2025 12:07  
Operator : YP\AJ  
Sample : AR1232ICC500  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1232ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 22 12:29:45 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Apr 22 12:26:37 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
 Data File : PP071396.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Apr 2025 12:23  
 Operator : YP\AJ  
 Sample : AR1242ICC1000  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1242ICC1000

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 22 13:20:33 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Apr 22 13:13:15 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.513  | 3.812 | 186.9E6  | 129.5E6  | 96.183  | 92.543  |
| 2) SA Decachlor...          | 10.233 | 8.849 | 136.9E6  | 81561508 | 95.790  | 95.248  |
|                             |        |       |          |          |         |         |
| Target Compounds            |        |       |          |          |         |         |
| 16) L4 AR-1242-1            | 5.668  | 4.897 | 53870259 | 42717527 | 958.842 | 942.603 |
| 17) L4 AR-1242-2            | 5.689  | 4.916 | 81881116 | 62346958 | 951.456 | 954.464 |
| 18) L4 AR-1242-3            | 5.751  | 5.093 | 49423643 | 34614031 | 962.179 | 947.245 |
| 19) L4 AR-1242-4            | 5.848  | 5.177 | 41638031 | 33518120 | 960.813 | 943.289 |
| 20) L4 AR-1242-5            | 6.580  | 5.701 | 44955701 | 41214500 | 963.821 | 956.409 |
| -----                       |        |       |          |          |         |         |

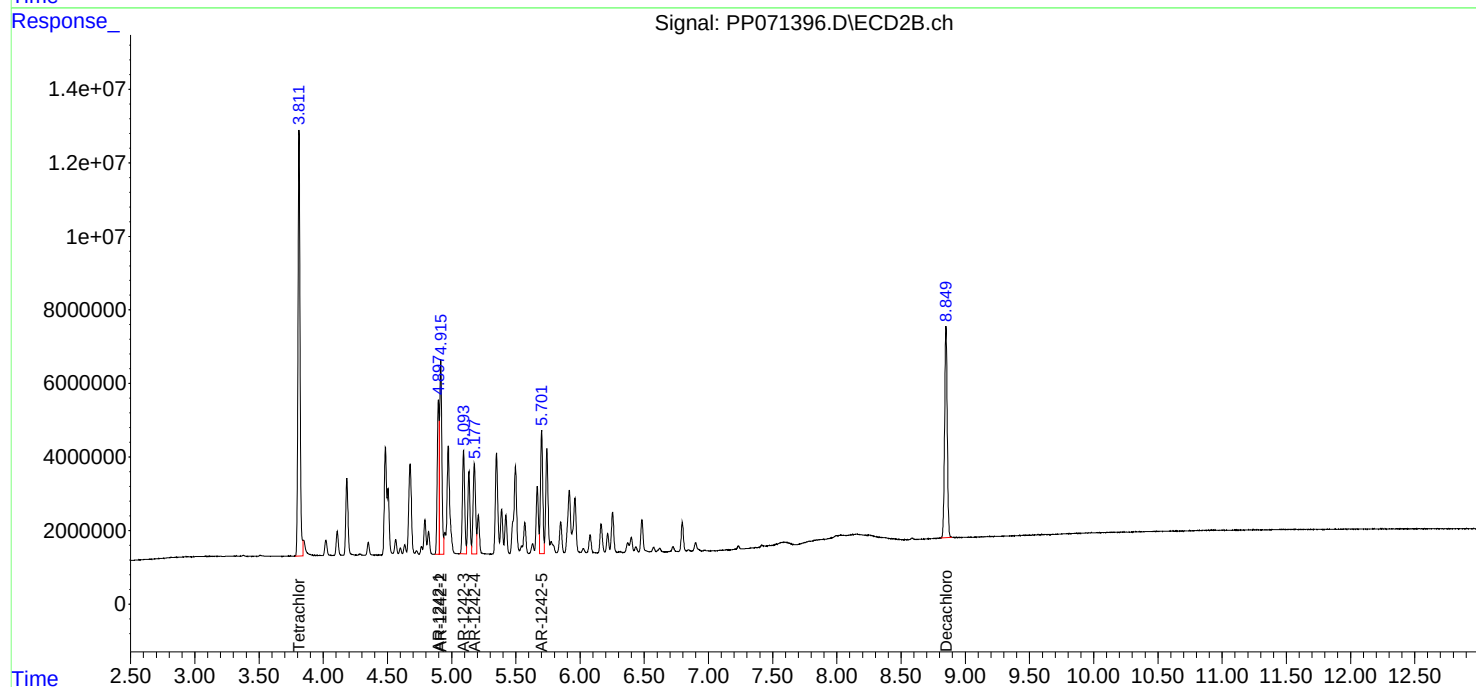
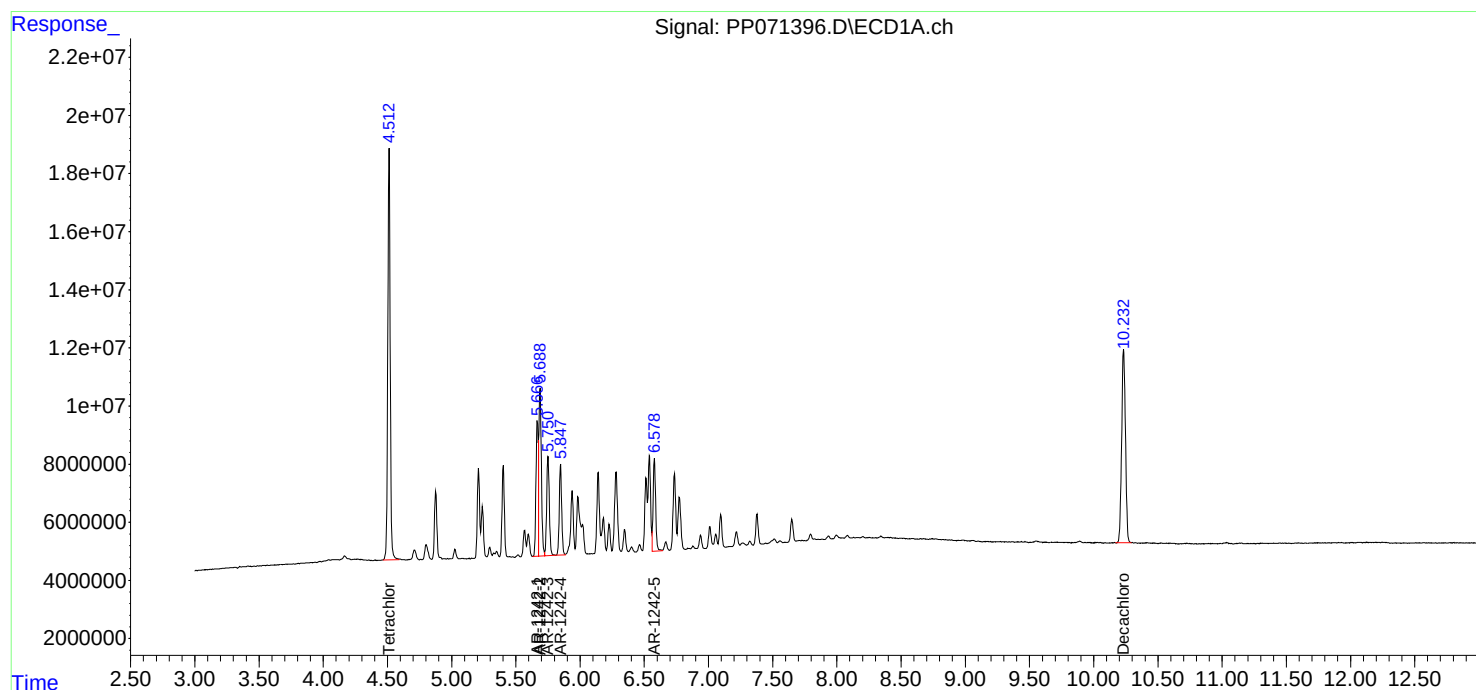
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
Data File : PP071396.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Apr 2025 12:23  
Operator : YP\AJ  
Sample : AR1242ICC1000  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC1000

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 22 13:20:33 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Apr 22 13:13:15 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
 Data File : PP071397.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Apr 2025 12:39  
 Operator : YP\AJ  
 Sample : AR1242ICC750  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1242ICC750

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 22 13:23:22 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Apr 22 13:13:15 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.515  | 3.813 | 144.5E6  | 99405951 | 74.571  | 72.305  |
| 2) SA Decachlor...          | 10.236 | 8.850 | 106.6E6  | 63879480 | 74.739  | 74.732  |
|                             |        |       |          |          |         |         |
| Target Compounds            |        |       |          |          |         |         |
| 16) L4 AR-1242-1            | 5.669  | 4.899 | 41763307 | 33495158 | 745.553 | 742.700 |
| 17) L4 AR-1242-2            | 5.691  | 4.917 | 64231120 | 48675819 | 747.572 | 746.776 |
| 18) L4 AR-1242-3            | 5.753  | 5.094 | 38470772 | 26777904 | 749.299 | 738.446 |
| 19) L4 AR-1242-4            | 5.850  | 5.179 | 32141516 | 25994749 | 744.431 | 737.606 |
| 20) L4 AR-1242-5            | 6.581  | 5.703 | 34794164 | 32016406 | 747.305 | 745.293 |
| -----                       |        |       |          |          |         |         |

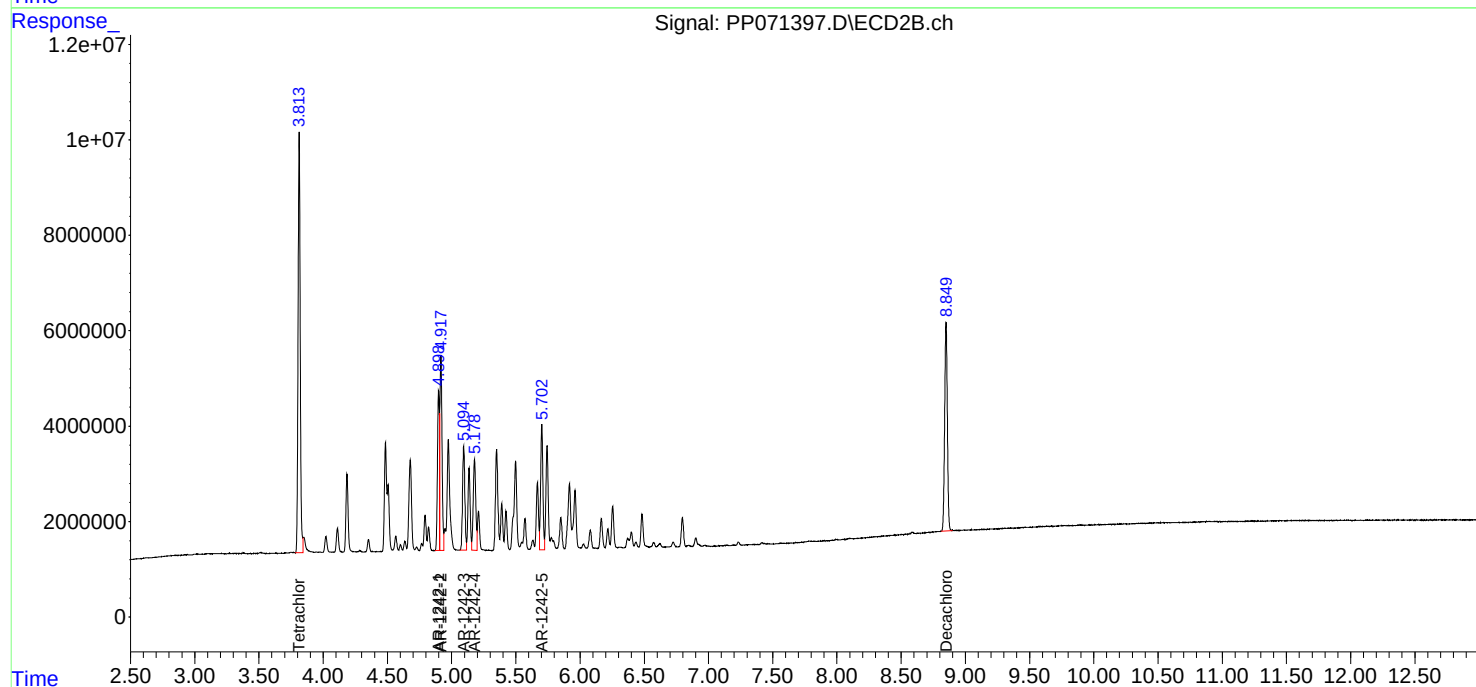
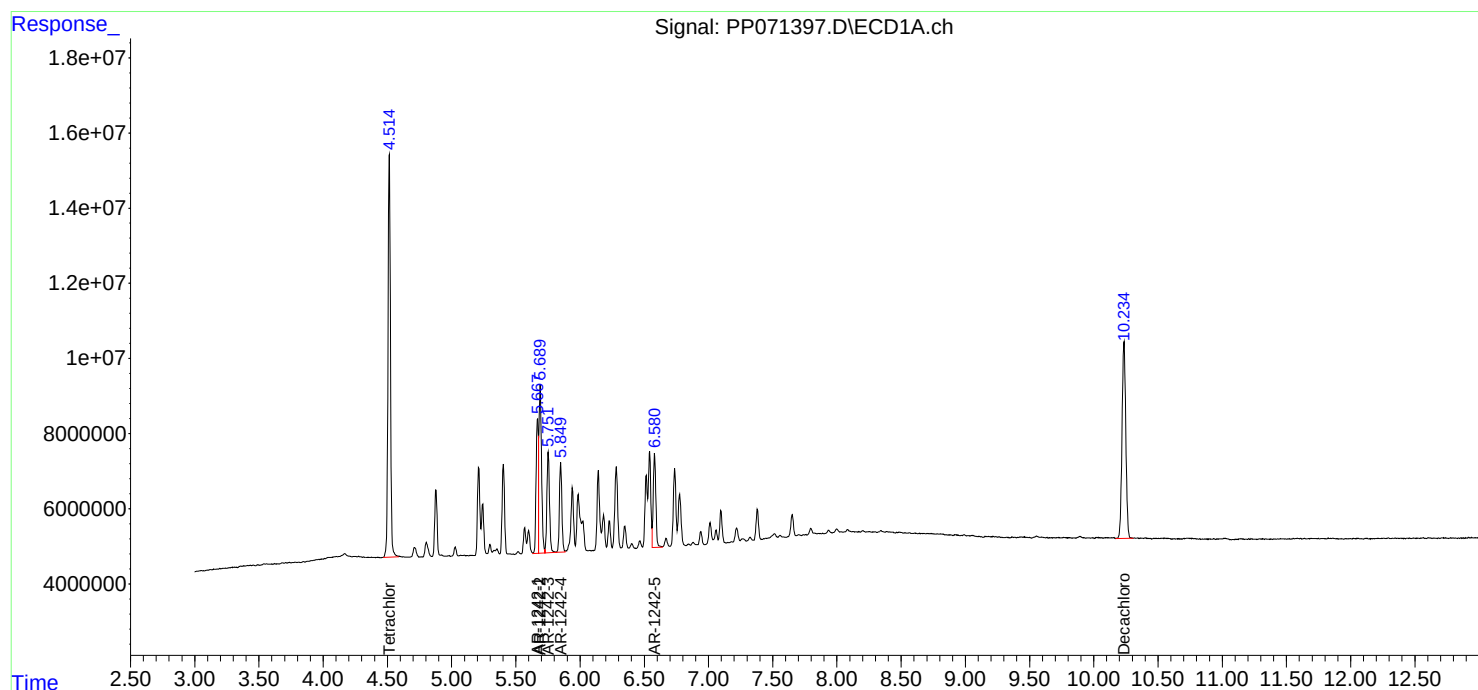
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
Data File : PP071397.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Apr 2025 12:39  
Operator : YP\AJ  
Sample : AR1242ICC750  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC750

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 22 13:23:22 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Apr 22 13:13:15 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
 Data File : PP071398.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Apr 2025 12:56  
 Operator : YP\AJ  
 Sample : AR1242ICC500  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1242ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 22 13:13:34 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Apr 22 13:13:15 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.514  | 3.812 | 100.9E6  | 75193817 | 50.000  | 50.000  |
| 2) SA Decachlor...          | 10.235 | 8.850 | 74441902 | 44850133 | 50.000  | 50.000  |
| Target Compounds            |        |       |          |          |         |         |
| 16) L4 AR-1242-1            | 5.669  | 4.898 | 29247490 | 23959903 | 500.000 | 500.000 |
| 17) L4 AR-1242-2            | 5.690  | 4.916 | 45118235 | 34147953 | 500.000 | 500.000 |
| 18) L4 AR-1242-3            | 5.752  | 5.093 | 26654530 | 19234787 | 500.000 | 500.000 |
| 19) L4 AR-1242-4            | 5.849  | 5.178 | 22517234 | 18774167 | 500.000 | 500.000 |
| 20) L4 AR-1242-5            | 6.581  | 5.701 | 24165350 | 22485728 | 500.000 | 500.000 |
| -----                       |        |       |          |          |         |         |

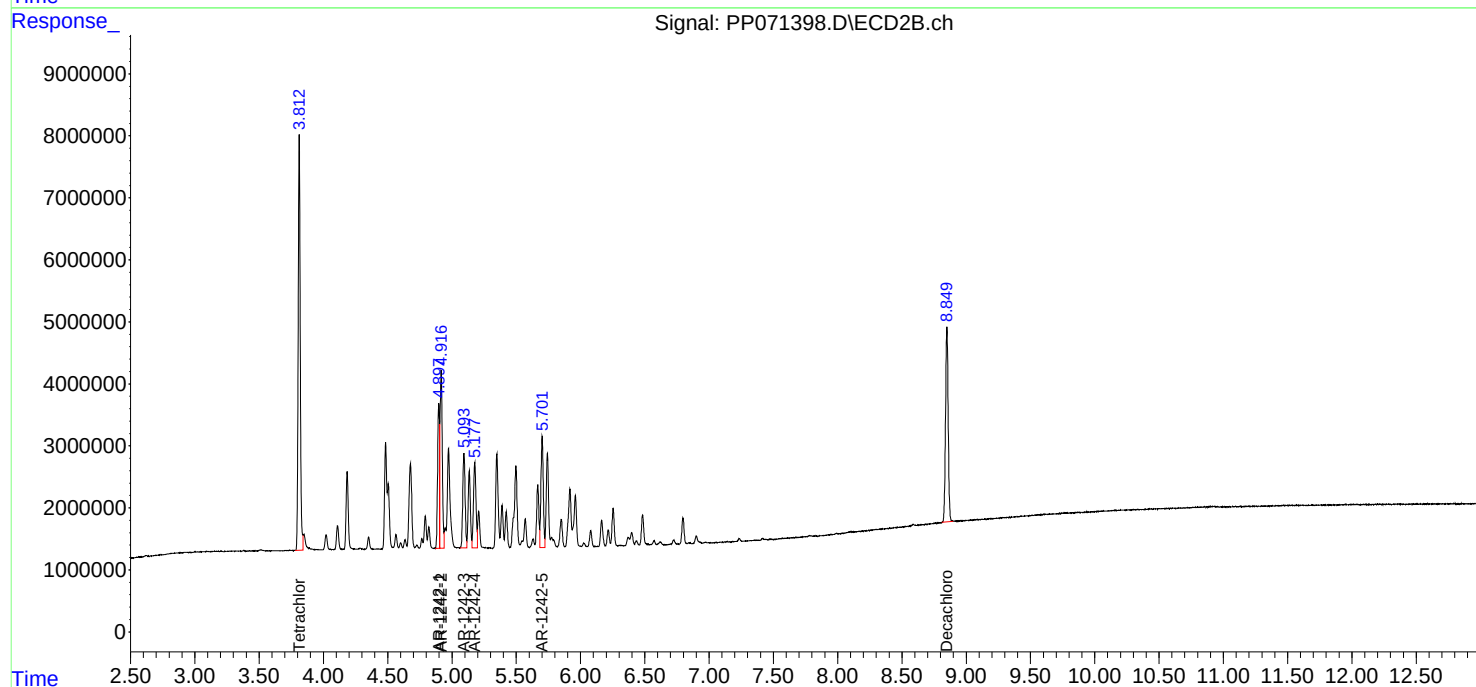
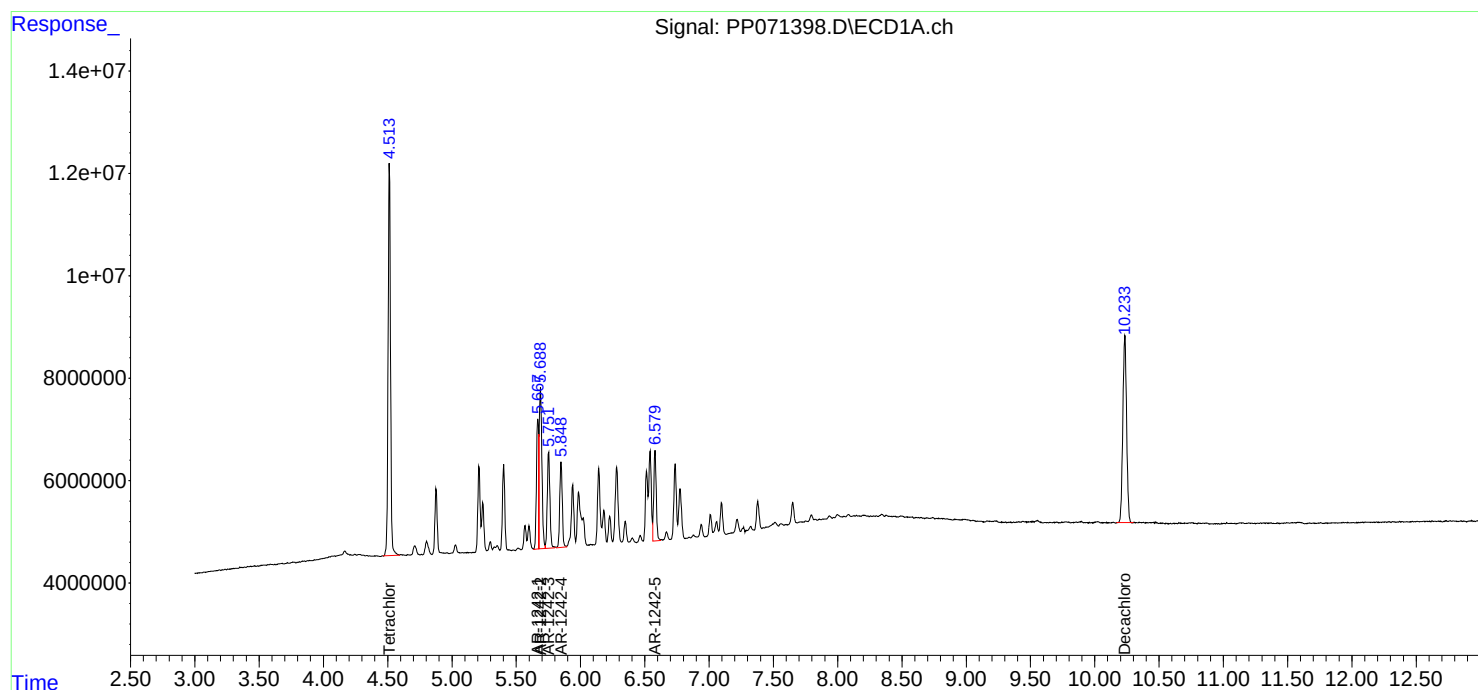
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
Data File : PP071398.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Apr 2025 12:56  
Operator : YP\AJ  
Sample : AR1242ICC500  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 22 13:13:34 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Apr 22 13:13:15 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
 Data File : PP071399.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Apr 2025 13:12  
 Operator : YP\AJ  
 Sample : AR1242ICC250  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1242ICC250

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 22 13:34:40 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Apr 22 13:34:27 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.514  | 3.813 | 50759754 | 35812201 | 25.888  | 25.778  |
| 2) SA Decachlor...          | 10.233 | 8.850 | 37582587 | 22937032 | 26.000  | 26.351  |
|                             |        |       |          |          |         |         |
| Target Compounds            |        |       |          |          |         |         |
| 16) L4 AR-1242-1            | 5.668  | 4.899 | 14669196 | 12394168 | 258.800 | 268.164 |
| 17) L4 AR-1242-2            | 5.689  | 4.917 | 22436050 | 17569793 | 258.254 | 264.383 |
| 18) L4 AR-1242-3            | 5.751  | 5.094 | 13459217 | 10184944 | 259.001 | 272.457 |
| 19) L4 AR-1242-4            | 5.849  | 5.178 | 11164111 | 9920754  | 256.375 | 272.906 |
| 20) L4 AR-1242-5            | 6.580  | 5.702 | 11989115 | 11814664 | 255.584 | 268.312 |
| -----                       |        |       |          |          |         |         |

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

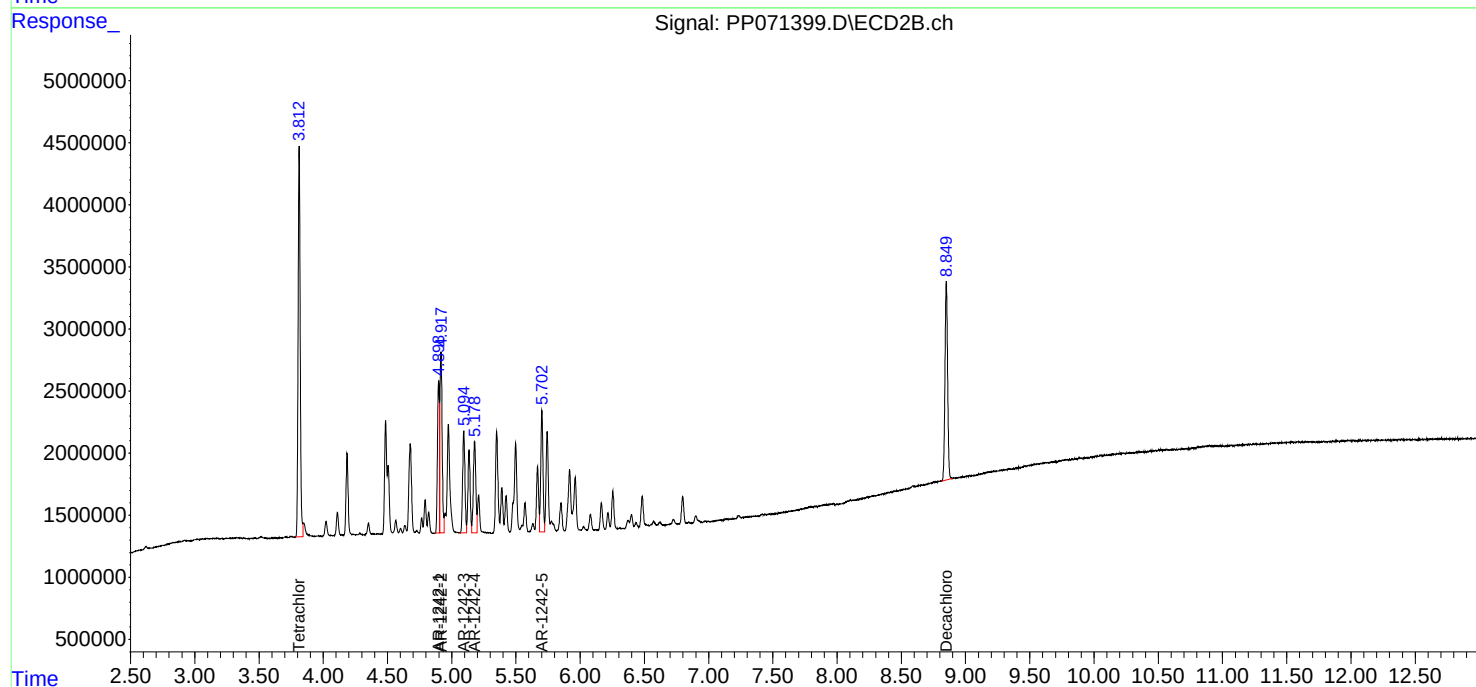
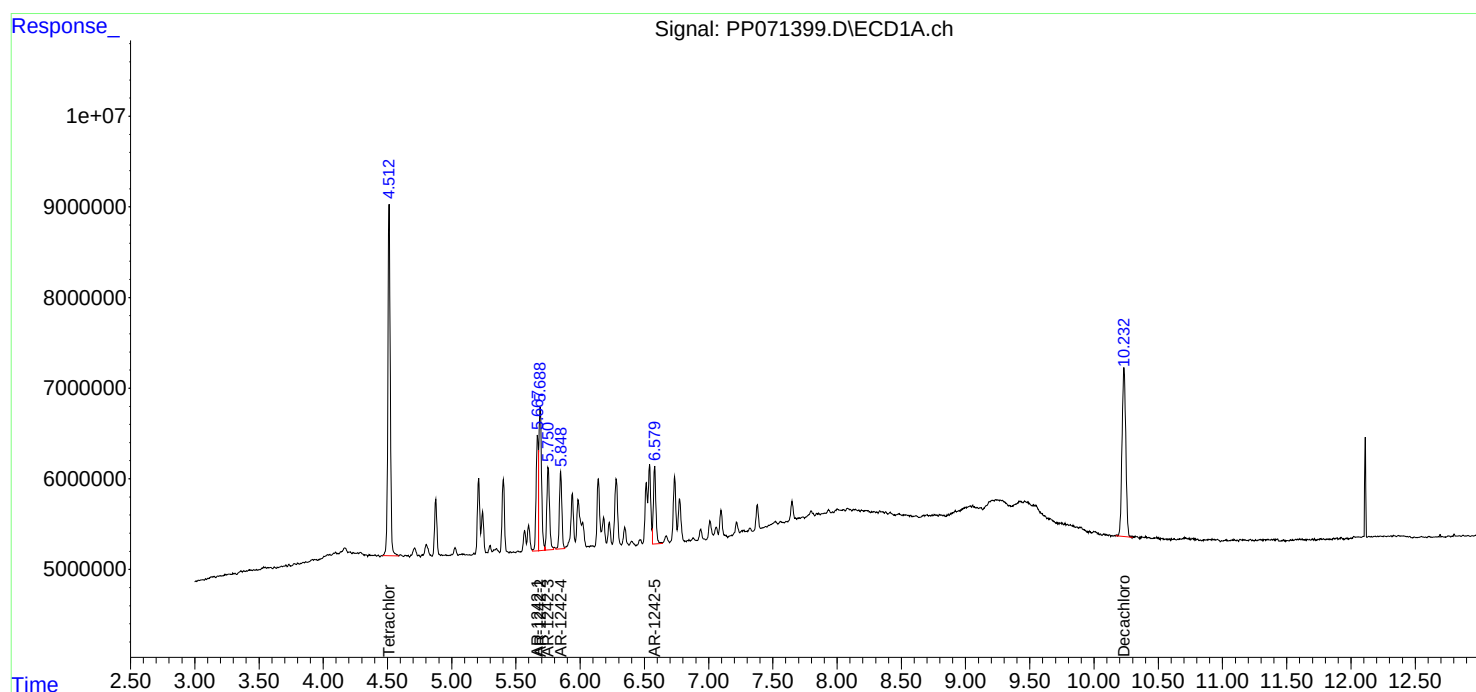


Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
Data File : PP071399.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Apr 2025 13:12  
Operator : YP\AJ  
Sample : AR1242ICC250  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC250

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 22 13:34:40 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Apr 22 13:34:27 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
 Data File : PP071400.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Apr 2025 13:28  
 Operator : YP\AJ  
 Sample : AR1242ICC050  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1242ICC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 22 13:44:30 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Apr 22 13:44:19 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1  | Resp#2  | ng/ml  | ng/ml  |
|-----------------------------|--------|-------|---------|---------|--------|--------|
| -----                       |        |       |         |         |        |        |
| System Monitoring Compounds |        |       |         |         |        |        |
| 1) SA Tetrachlo...          | 4.515  | 3.812 | 8065732 | 6945226 | 4.265  | 4.999  |
| 2) SA Decachlor...          | 10.237 | 8.850 | 5895463 | 3833854 | 4.235  | 4.512  |
|                             |        |       |         |         |        |        |
| Target Compounds            |        |       |         |         |        |        |
| 16) L4 AR-1242-1            | 5.670  | 4.899 | 2356519 | 2317190 | 43.025 | 50.108 |
| 17) L4 AR-1242-2            | 5.691  | 4.917 | 3869967 | 3214527 | 45.539 | 48.688 |
| 18) L4 AR-1242-3            | 5.754  | 5.094 | 2387637 | 1635706 | 46.703 | 44.877 |
| 19) L4 AR-1242-4            | 5.851  | 5.179 | 1842925 | 1657188 | 43.662 | 46.406 |
| 20) L4 AR-1242-5            | 6.582  | 5.702 | 2190873 | 2070356 | 47.329 | 47.586 |
| -----                       |        |       |         |         |        |        |

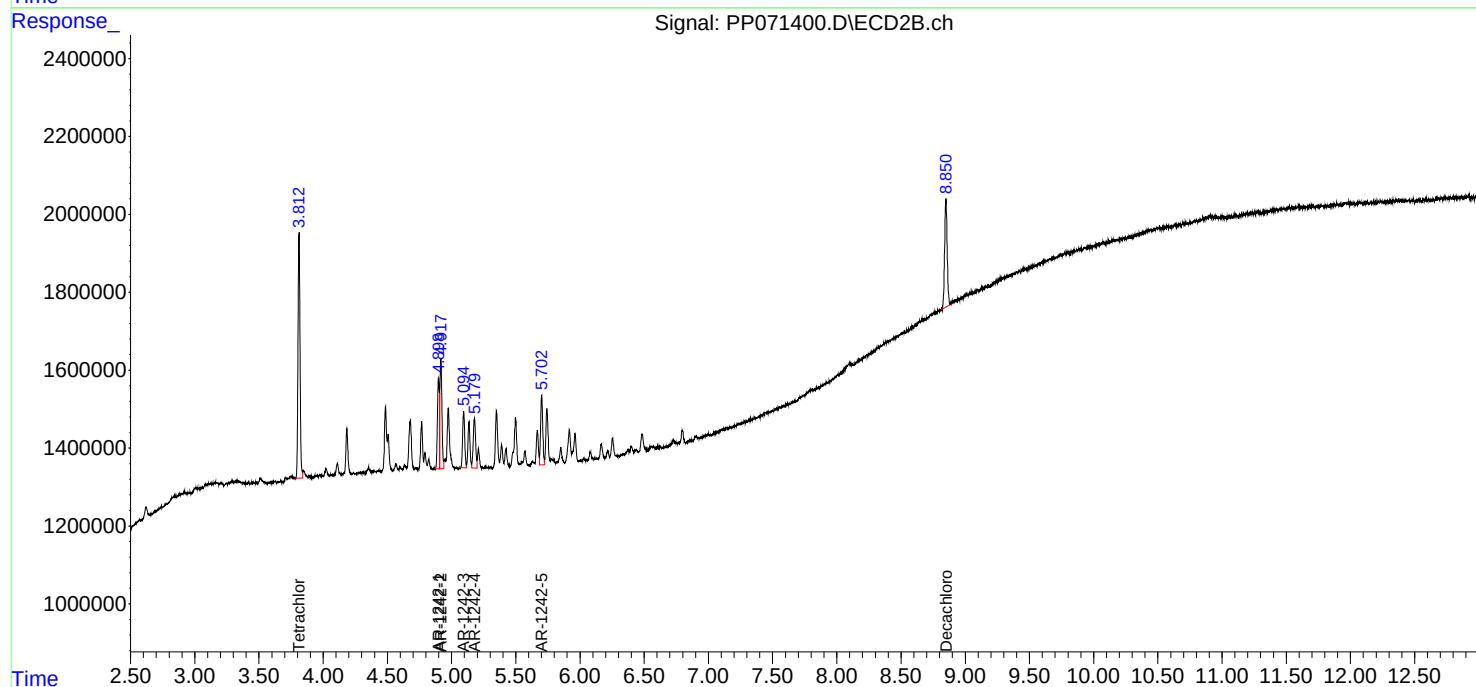
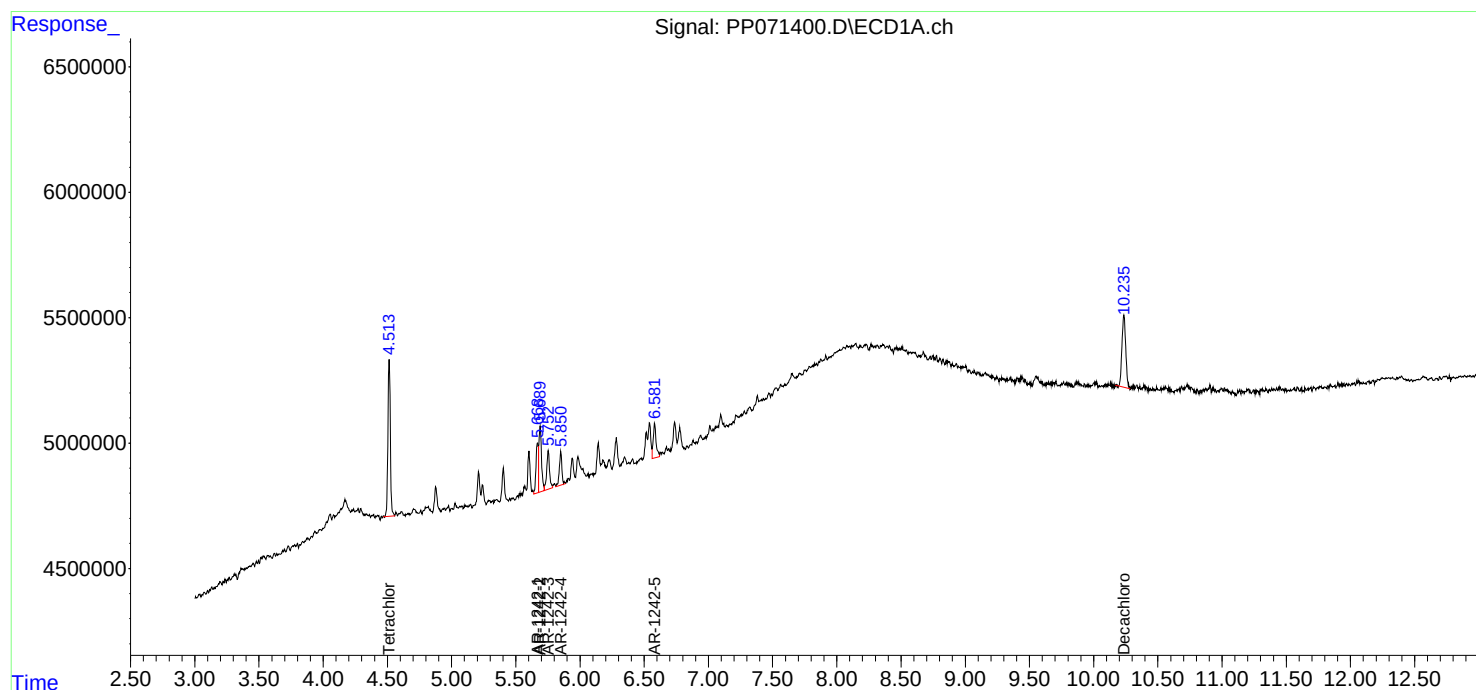
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
Data File : PP071400.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Apr 2025 13:28  
Operator : YP\AJ  
Sample : AR1242ICC050  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 22 13:44:30 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Apr 22 13:44:19 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
 Data File : PP071401.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Apr 2025 13:45  
 Operator : YP\AJ  
 Sample : AR1248ICC1000  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1248ICC1000

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 22 14:30:57 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Apr 22 14:27:59 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.515  | 3.813 | 187.9E6  | 132.5E6  | 97.145  | 92.221  |
| 2) SA Decachlor...          | 10.237 | 8.850 | 137.9E6  | 82637510 | 96.283  | 95.713  |
| Target Compounds            |        |       |          |          |         |         |
| 21) L5 AR-1248-1            | 5.669  | 4.898 | 42447397 | 30996932 | 976.497 | 917.952 |
| 22) L5 AR-1248-2            | 5.941  | 5.136 | 57932834 | 43624561 | 965.902 | 945.881 |
| 23) L5 AR-1248-3            | 6.144  | 5.178 | 65030901 | 45791659 | 967.700 | 948.403 |
| 24) L5 AR-1248-4            | 6.543  | 5.350 | 80777360 | 53871444 | 963.427 | 957.270 |
| 25) L5 AR-1248-5            | 6.582  | 5.743 | 76029464 | 52150607 | 969.727 | 950.272 |
| -----                       |        |       |          |          |         |         |

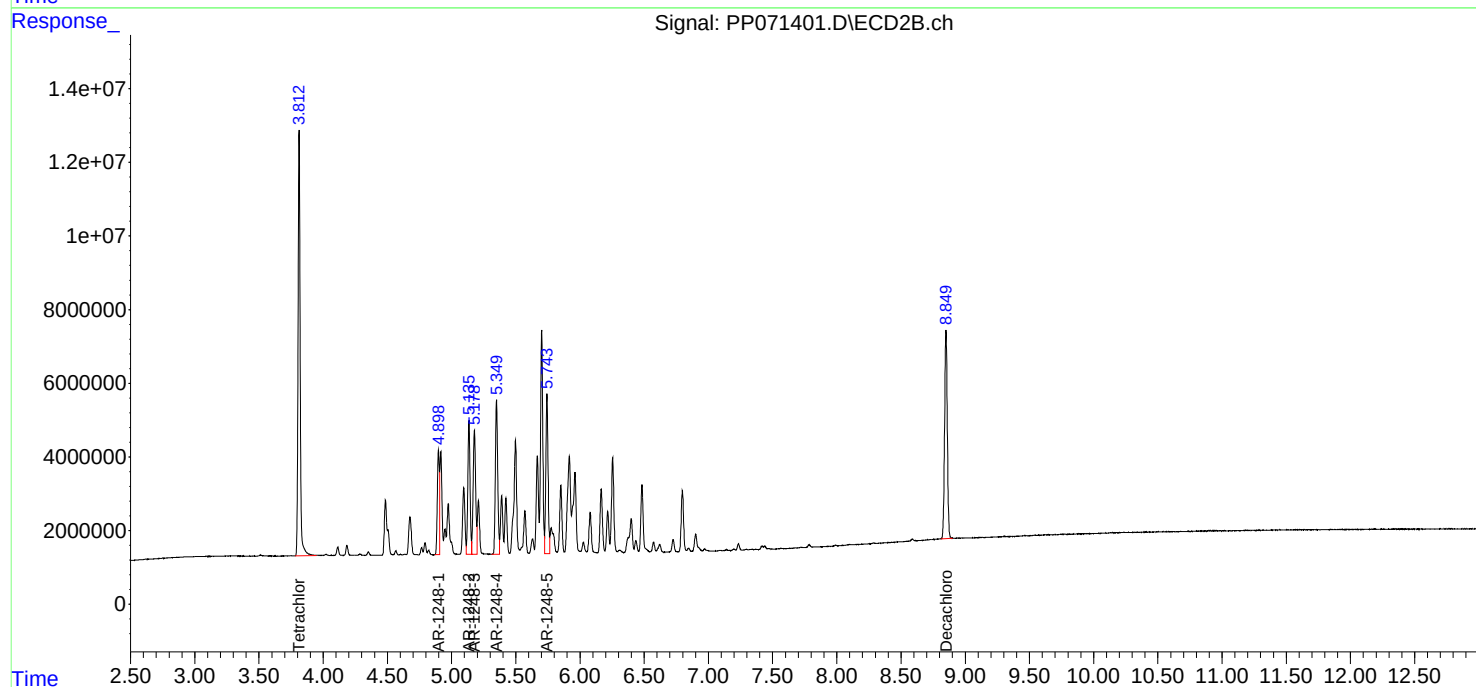
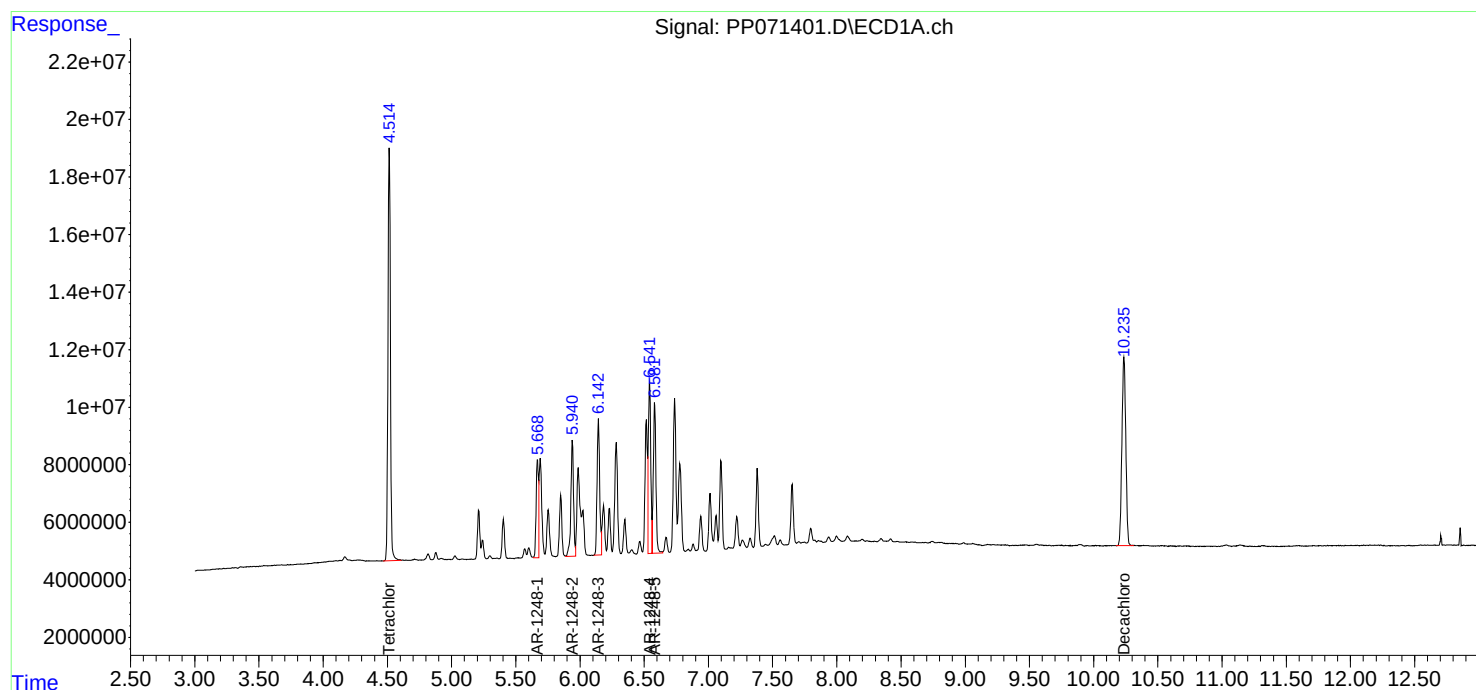
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
Data File : PP071401.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Apr 2025 13:45  
Operator : YP\AJ  
Sample : AR1248ICC1000  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC1000

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 22 14:30:57 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Apr 22 14:27:59 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
 Data File : PP071402.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Apr 2025 14:01  
 Operator : YP\AJ  
 Sample : AR1248ICC750  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1248ICC750

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 22 14:33:31 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Apr 22 14:27:59 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.516  | 3.813 | 144.4E6  | 113.6E6  | 74.770  | 77.657  |
| 2) SA Decachlor...          | 10.238 | 8.850 | 108.0E6  | 64556701 | 75.275  | 74.847  |
| Target Compounds            |        |       |          |          |         |         |
| 21) L5 AR-1248-1            | 5.670  | 4.898 | 32527847 | 26959361 | 748.865 | 781.576 |
| 22) L5 AR-1248-2            | 5.941  | 5.135 | 45161422 | 35482042 | 751.976 | 762.779 |
| 23) L5 AR-1248-3            | 6.144  | 5.177 | 51040114 | 37424945 | 756.312 | 766.560 |
| 24) L5 AR-1248-4            | 6.543  | 5.350 | 63330814 | 43921936 | 753.553 | 770.043 |
| 25) L5 AR-1248-5            | 6.583  | 5.743 | 58877047 | 42217581 | 750.636 | 762.741 |
| -----                       |        |       |          |          |         |         |

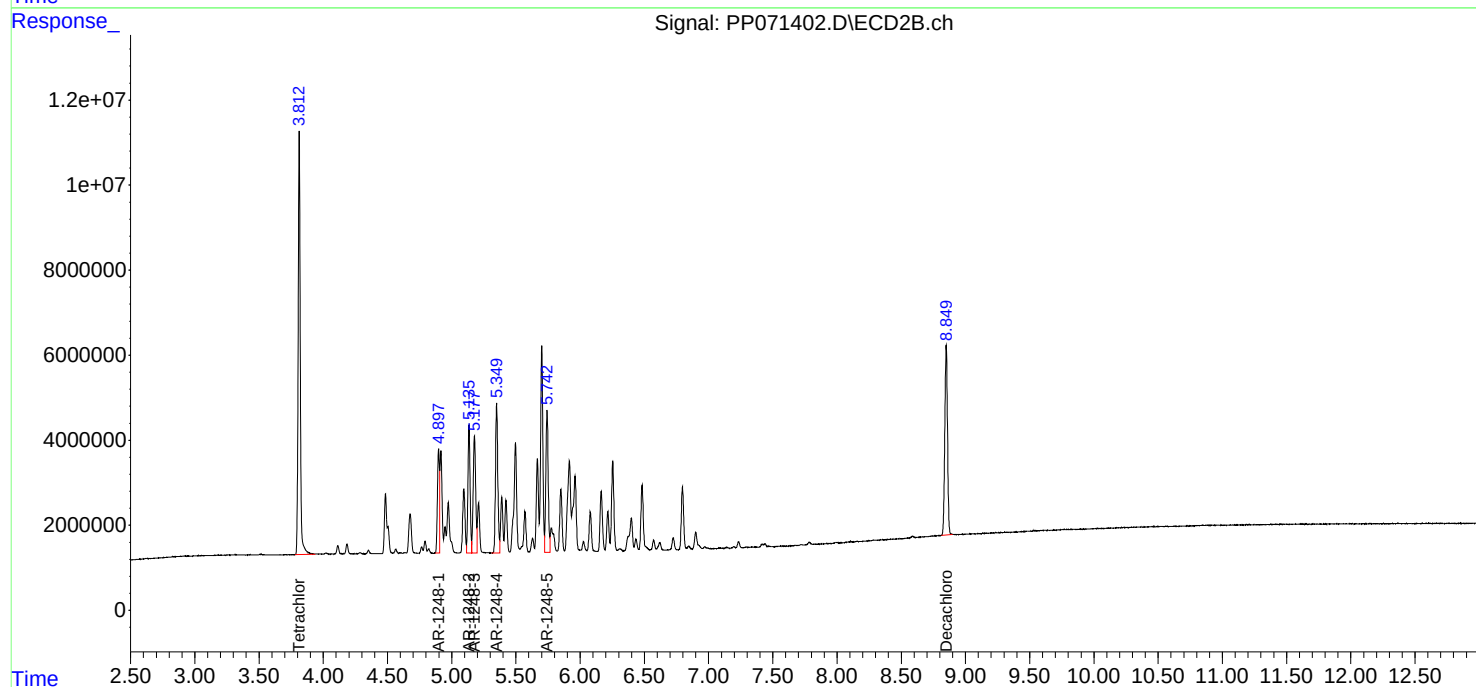
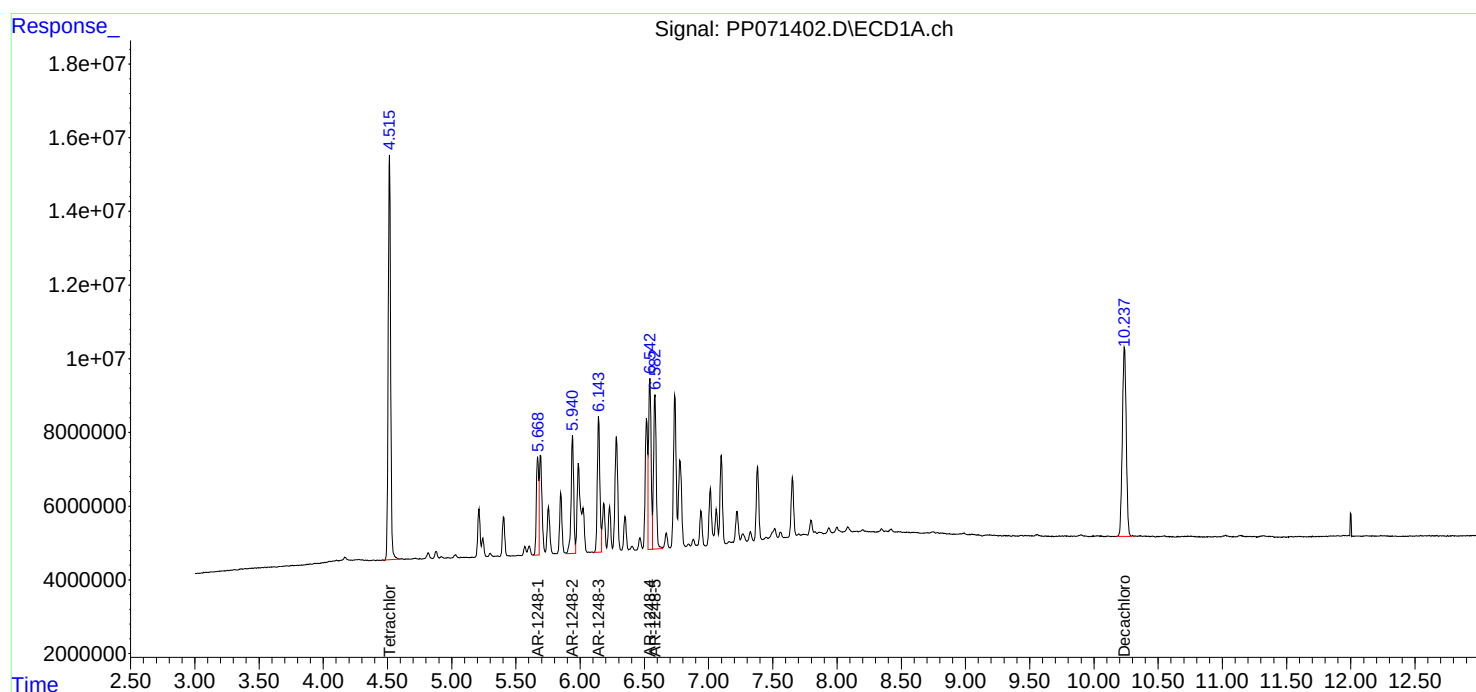
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
Data File : PP071402.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Apr 2025 14:01  
Operator : YP\AJ  
Sample : AR1248ICC750  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC750

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 22 14:33:31 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Apr 22 14:27:59 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
 Data File : PP071403.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Apr 2025 14:17  
 Operator : YP\AJ  
 Sample : AR1248ICC500  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1248ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 22 14:28:25 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Apr 22 14:27:59 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.514  | 3.813 | 99482021 | 77410182 | 50.000  | 50.000  |
| 2) SA Decachlor...          | 10.237 | 8.850 | 74280984 | 45020002 | 50.000  | 50.000  |
| Target Compounds            |        |       |          |          |         |         |
| 21) L5 AR-1248-1            | 5.668  | 4.898 | 22245336 | 18269007 | 500.000 | 500.000 |
| 22) L5 AR-1248-2            | 5.940  | 5.136 | 31011521 | 24308259 | 500.000 | 500.000 |
| 23) L5 AR-1248-3            | 6.142  | 5.178 | 34686045 | 25387087 | 500.000 | 500.000 |
| 24) L5 AR-1248-4            | 6.542  | 5.350 | 43455122 | 29340392 | 500.000 | 500.000 |
| 25) L5 AR-1248-5            | 6.581  | 5.743 | 40388237 | 28804357 | 500.000 | 500.000 |
| -----                       |        |       |          |          |         |         |

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

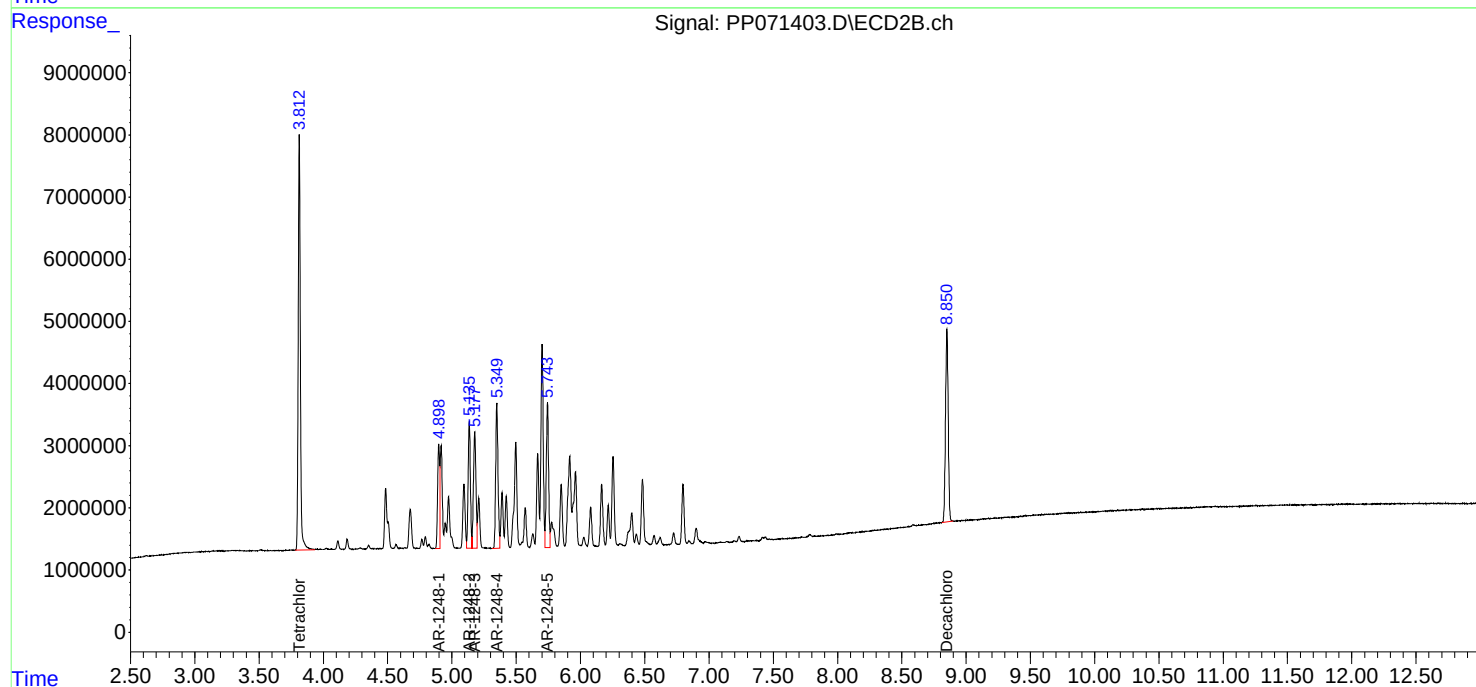
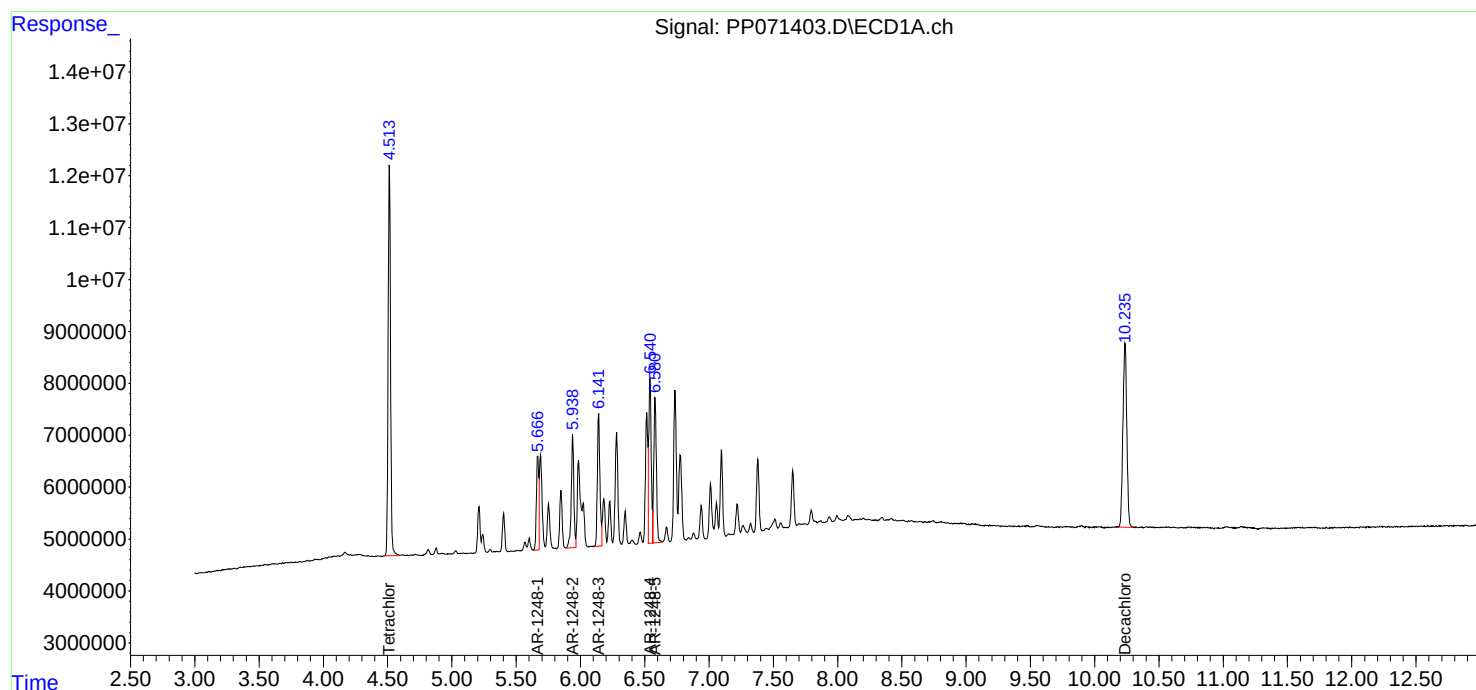


Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
Data File : PP071403.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Apr 2025 14:17  
Operator : YP\AJ  
Sample : AR1248ICC500  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 22 14:28:25 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Apr 22 14:27:59 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
 Data File : PP071404.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Apr 2025 14:33  
 Operator : YP\AJ  
 Sample : AR1248ICC250  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1248ICC250

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 22 14:46:35 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Apr 22 14:46:22 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.514  | 3.812 | 50940076 | 35871474 | 26.017  | 24.646  |
| 2) SA Decachlor...          | 10.236 | 8.850 | 38029945 | 23509396 | 26.110  | 26.655  |
|                             |        |       |          |          |         |         |
| Target Compounds            |        |       |          |          |         |         |
| 21) L5 AR-1248-1            | 5.668  | 4.898 | 11434087 | 9814021  | 259.799 | 275.024 |
| 22) L5 AR-1248-2            | 5.940  | 5.135 | 15821478 | 13376378 | 259.947 | 277.150 |
| 23) L5 AR-1248-3            | 6.143  | 5.178 | 17579514 | 14000544 | 257.788 | 276.598 |
| 24) L5 AR-1248-4            | 6.542  | 5.350 | 22285729 | 16222320 | 261.208 | 274.950 |
| 25) L5 AR-1248-5            | 6.581  | 5.743 | 20888056 | 16317809 | 262.033 | 282.168 |
| -----                       |        |       |          |          |         |         |

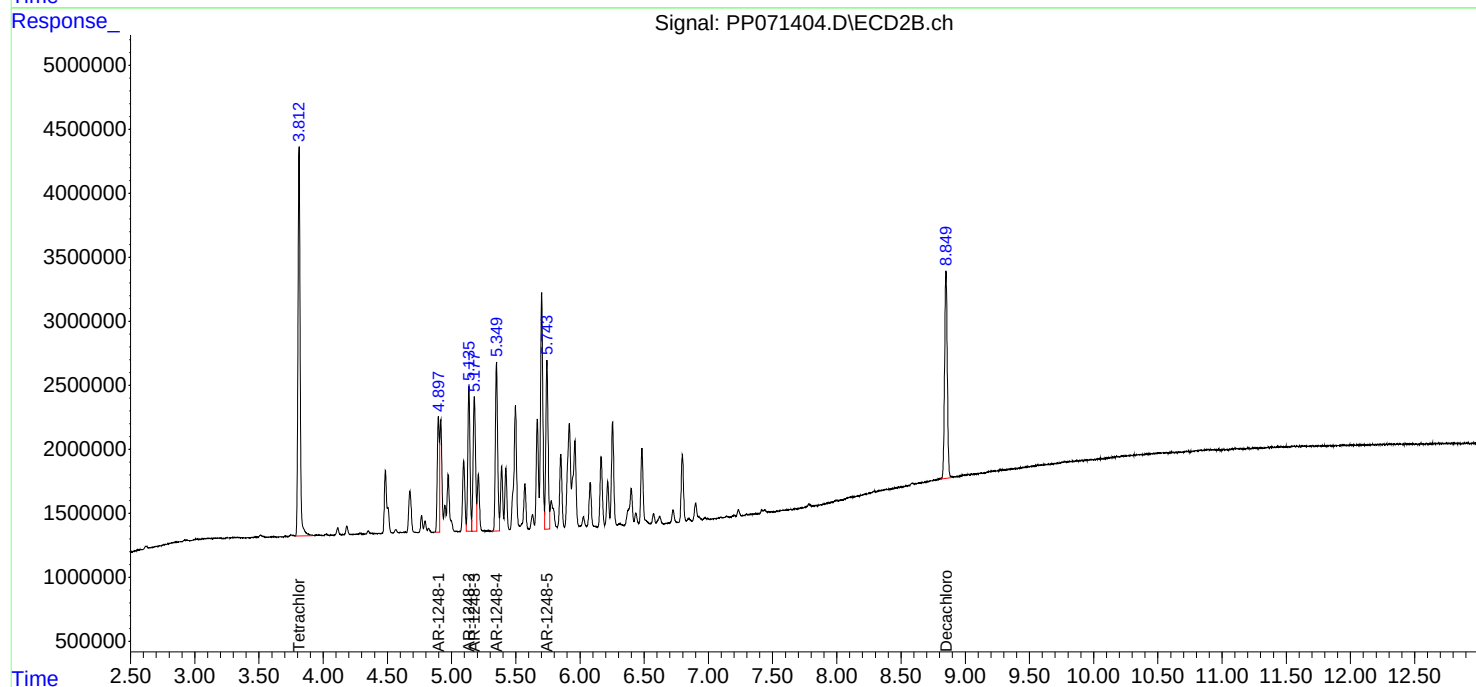
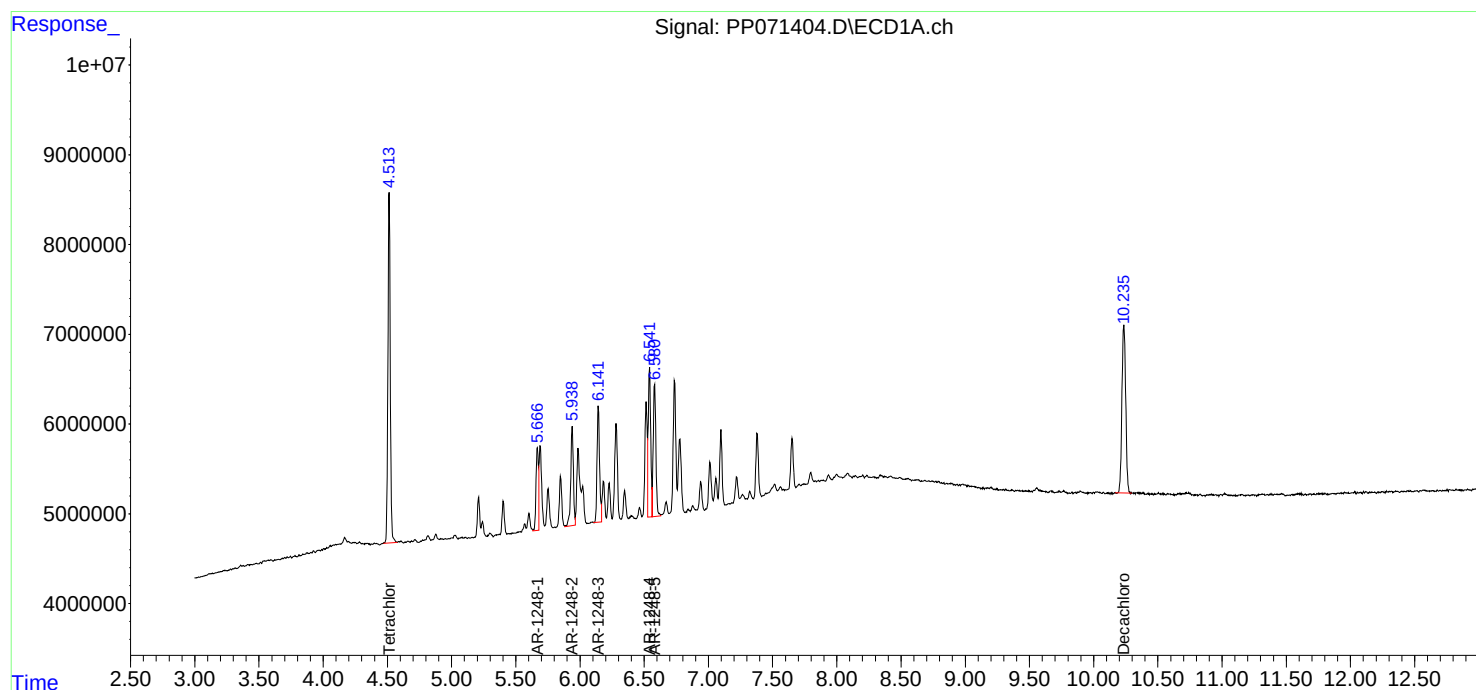
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
Data File : PP071404.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Apr 2025 14:33  
Operator : YP\AJ  
Sample : AR1248ICC250  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC250

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 22 14:46:35 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Apr 22 14:46:22 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
 Data File : PP071405.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Apr 2025 14:50  
 Operator : YP\AJ  
 Sample : AR1248ICC050  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1248ICC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 22 15:04:57 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Apr 22 15:04:44 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1  | Resp#2  | ng/ml  | ng/ml  |
|-----------------------------|--------|-------|---------|---------|--------|--------|
| -----                       |        |       |         |         |        |        |
| System Monitoring Compounds |        |       |         |         |        |        |
| 1) SA Tetrachlo...          | 4.513  | 3.813 | 9059747 | 7084653 | 4.697  | 4.893  |
| 2) SA Decachlor...          | 10.236 | 8.850 | 6791716 | 4608858 | 4.727  | 5.179  |
|                             |        |       |         |         |        |        |
| Target Compounds            |        |       |         |         |        |        |
| 21) L5 AR-1248-1            | 5.667  | 4.899 | 1932478 | 1889804 | 45.005 | 52.340 |
| 22) L5 AR-1248-2            | 5.939  | 5.136 | 2935274 | 2587801 | 48.571 | 52.853 |
| 23) L5 AR-1248-3            | 6.142  | 5.178 | 3057380 | 2647979 | 45.780 | 51.834 |
| 24) L5 AR-1248-4            | 6.541  | 5.350 | 4089143 | 3364119 | 48.329 | 55.461 |
| 25) L5 AR-1248-5            | 6.581  | 5.744 | 3919031 | 3006686 | 49.328 | 51.581 |
| -----                       |        |       |         |         |        |        |

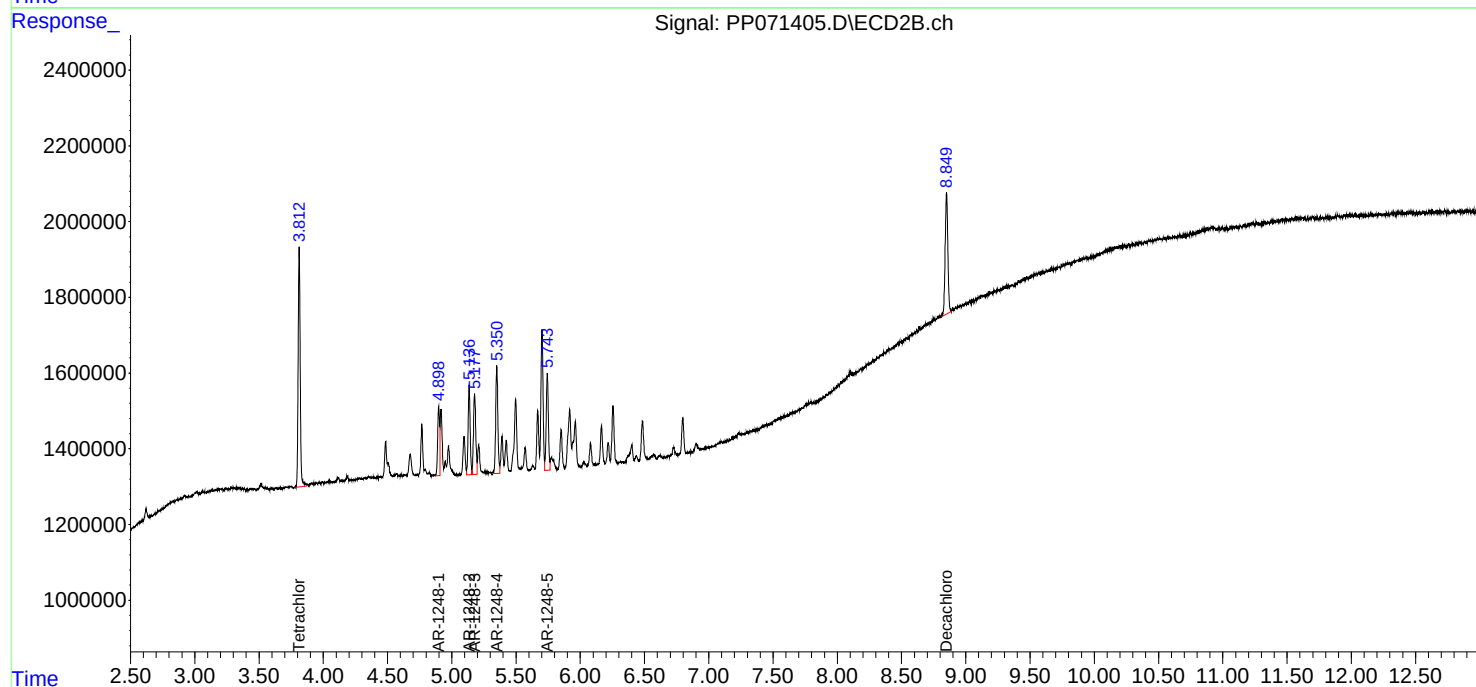
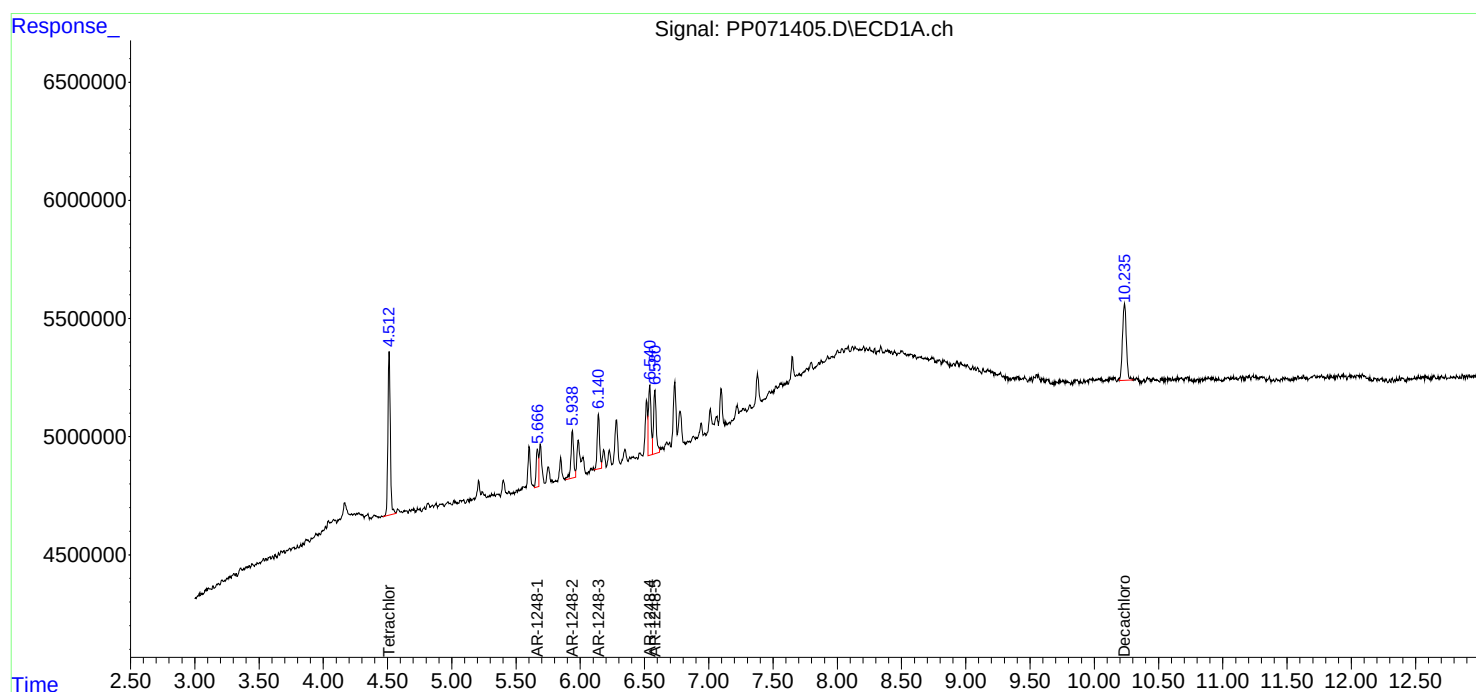
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
Data File : PP071405.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Apr 2025 14:50  
Operator : YP\AJ  
Sample : AR1248ICC050  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 22 15:04:57 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Apr 22 15:04:44 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
 Data File : PP071406.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Apr 2025 15:06  
 Operator : YP\AJ  
 Sample : AR1254ICC1000  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1254ICC1000

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 22 15:51:39 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Apr 22 15:48:40 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.515  | 3.812 | 188.8E6  | 139.1E6  | 96.818  | 97.876  |
| 2) SA Decachlor...          | 10.236 | 8.850 | 141.0E6  | 84630750 | 96.040  | 96.040  |
| Target Compounds            |        |       |          |          |         |         |
| 26) L6 AR-1254-1            | 6.519  | 5.702 | 78574372 | 81690839 | 957.338 | 952.962 |
| 27) L6 AR-1254-2            | 6.735  | 5.851 | 121.6E6  | 70045476 | 958.538 | 950.650 |
| 28) L6 AR-1254-3            | 7.099  | 6.254 | 123.4E6  | 109.7E6  | 962.759 | 954.874 |
| 29) L6 AR-1254-4            | 7.381  | 6.483 | 112.5E6  | 70169900 | 960.617 | 948.370 |
| 30) L6 AR-1254-5            | 7.798  | 6.901 | 106.4E6  | 92229111 | 966.455 | 936.717 |
| -----                       |        |       |          |          |         |         |

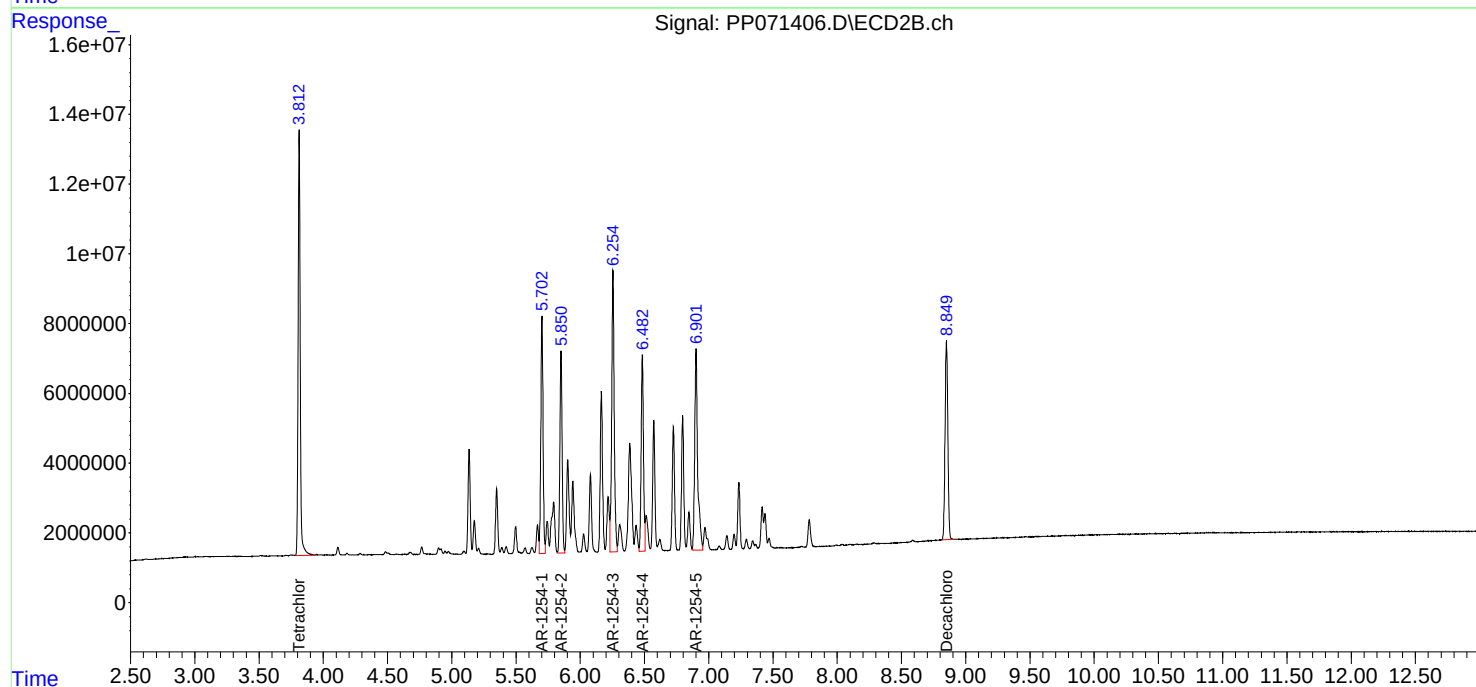
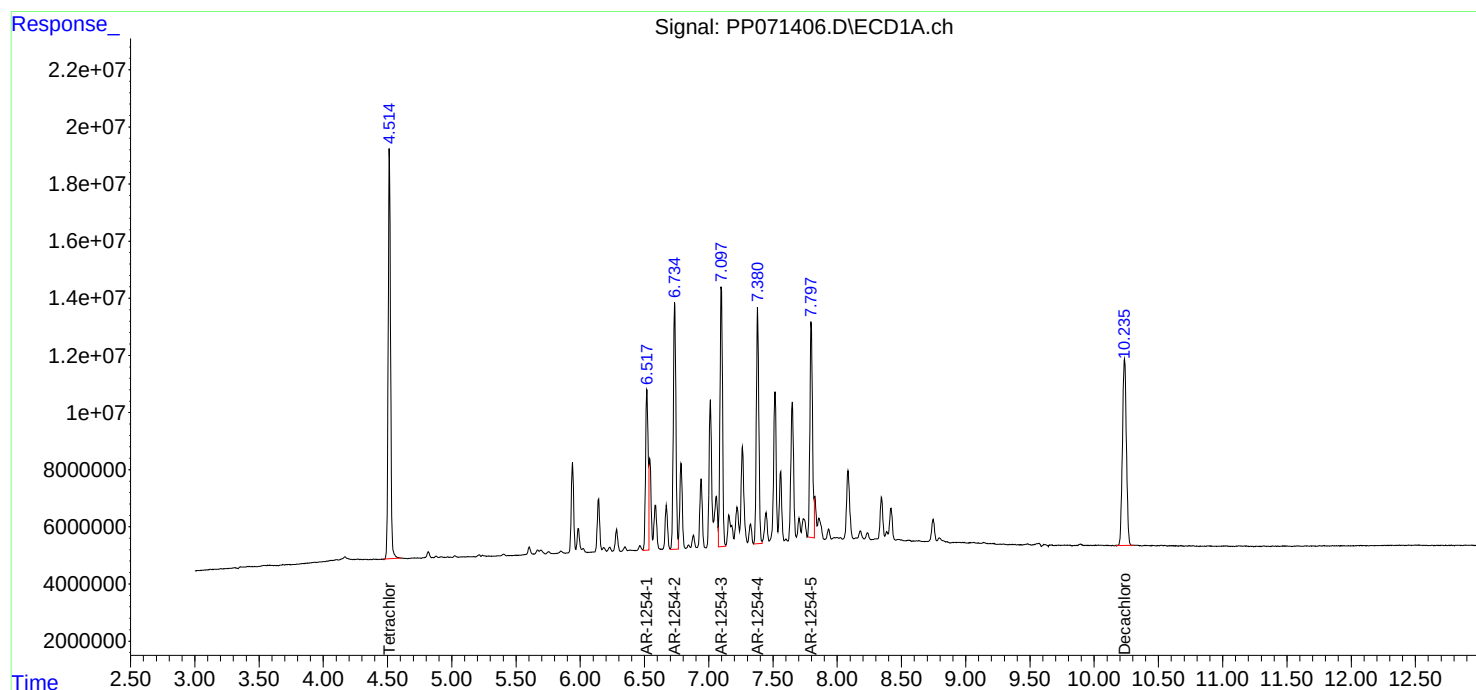
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
Data File : PP071406.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Apr 2025 15:06  
Operator : YP\AJ  
Sample : AR1254ICC1000  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC1000

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 22 15:51:39 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Apr 22 15:48:40 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
 Data File : PP071407.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Apr 2025 15:22  
 Operator : YP\AJ  
 Sample : AR1254ICC750  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1254ICC750

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 04/23/2025  
 Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 22 15:54:33 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Apr 22 15:48:40 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml   |
|-----------------------------|--------|-------|----------|----------|----------|---------|
| -----                       |        |       |          |          |          |         |
| System Monitoring Compounds |        |       |          |          |          |         |
| 1) SA Tetrachlo...          | 4.515  | 3.812 | 145.3E6  | 112.6E6  | 74.658   | 77.773  |
| 2) SA Decachlor...          | 10.236 | 8.850 | 110.2E6  | 65650190 | 75.033   | 74.666  |
| Target Compounds            |        |       |          |          |          |         |
| 26) L6 AR-1254-1            | 6.519  | 5.703 | 60934961 | 65520948 | 744.931  | 759.494 |
| 27) L6 AR-1254-2            | 6.735  | 5.851 | 94362074 | 56602387 | 745.775  | 762.037 |
| 28) L6 AR-1254-3            | 7.098  | 6.255 | 95849879 | 85577532 | 748.410  | 746.476 |
| 29) L6 AR-1254-4            | 7.381  | 6.483 | 87194278 | 55551540 | 746.295  | 750.532 |
| 30) L6 AR-1254-5            | 7.797  | 6.901 | 79441918 | 72082199 | 721.000m | 737.969 |
| -----                       |        |       |          |          |          |         |

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
Data File : PP071407.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Apr 2025 15:22  
Operator : YP\AJ  
Sample : AR1254ICC750  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

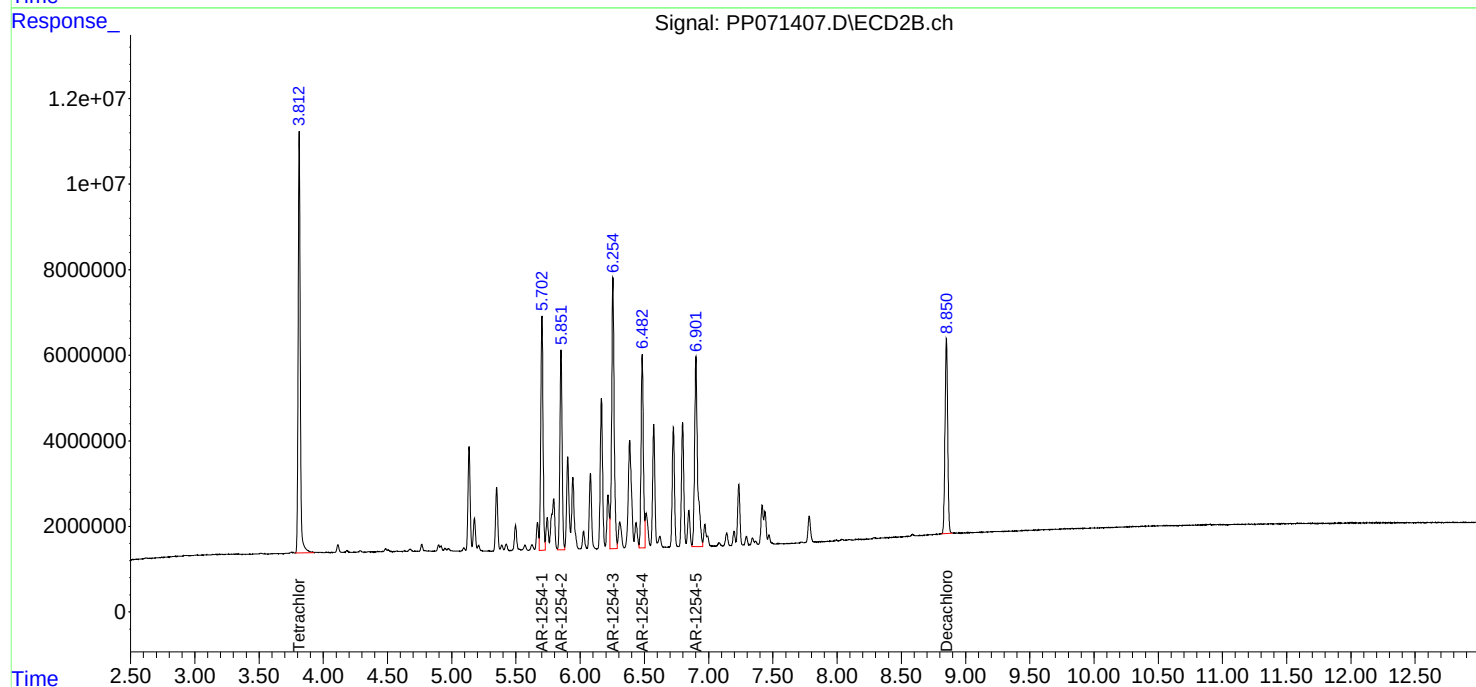
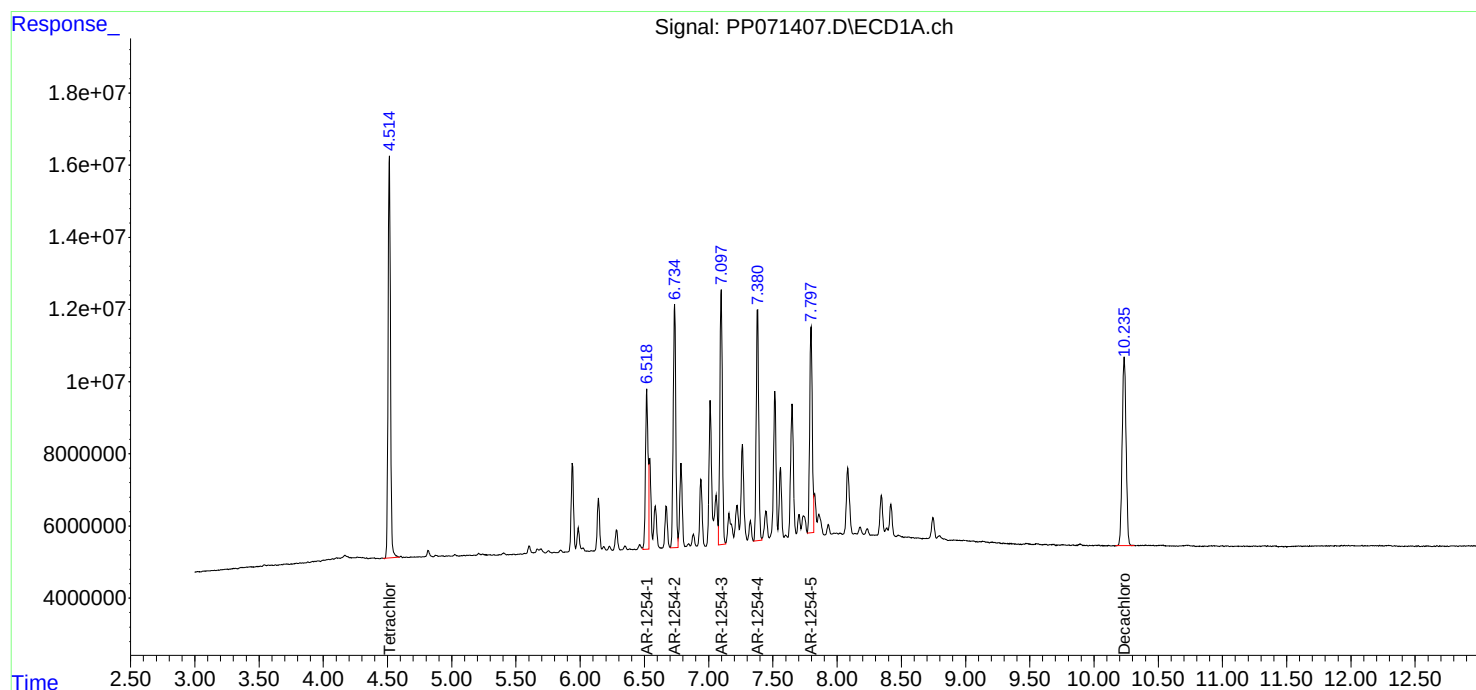
Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC750

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 04/23/2025  
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 22 15:54:33 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Apr 22 15:48:40 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
 Data File : PP071408.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Apr 2025 15:38  
 Operator : YP\AJ  
 Sample : AR1254ICC500  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1254ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 22 15:48:55 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Apr 22 15:48:40 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.515  | 3.812 | 100.6E6  | 72545075 | 50.000  | 50.000  |
| 2) SA Decachlor...          | 10.237 | 8.849 | 76319487 | 45805245 | 50.000  | 50.000  |
| Target Compounds            |        |       |          |          |         |         |
| 26) L6 AR-1254-1            | 6.519  | 5.702 | 42788667 | 44877702 | 500.000 | 500.000 |
| 27) L6 AR-1254-2            | 6.735  | 5.851 | 66073164 | 38658957 | 500.000 | 500.000 |
| 28) L6 AR-1254-3            | 7.098  | 6.254 | 66490827 | 60048409 | 500.000 | 500.000 |
| 29) L6 AR-1254-4            | 7.381  | 6.483 | 60868718 | 38905081 | 500.000 | 500.000 |
| 30) L6 AR-1254-5            | 7.797  | 6.901 | 56892560 | 52345397 | 500.000 | 500.000 |
| -----                       |        |       |          |          |         |         |

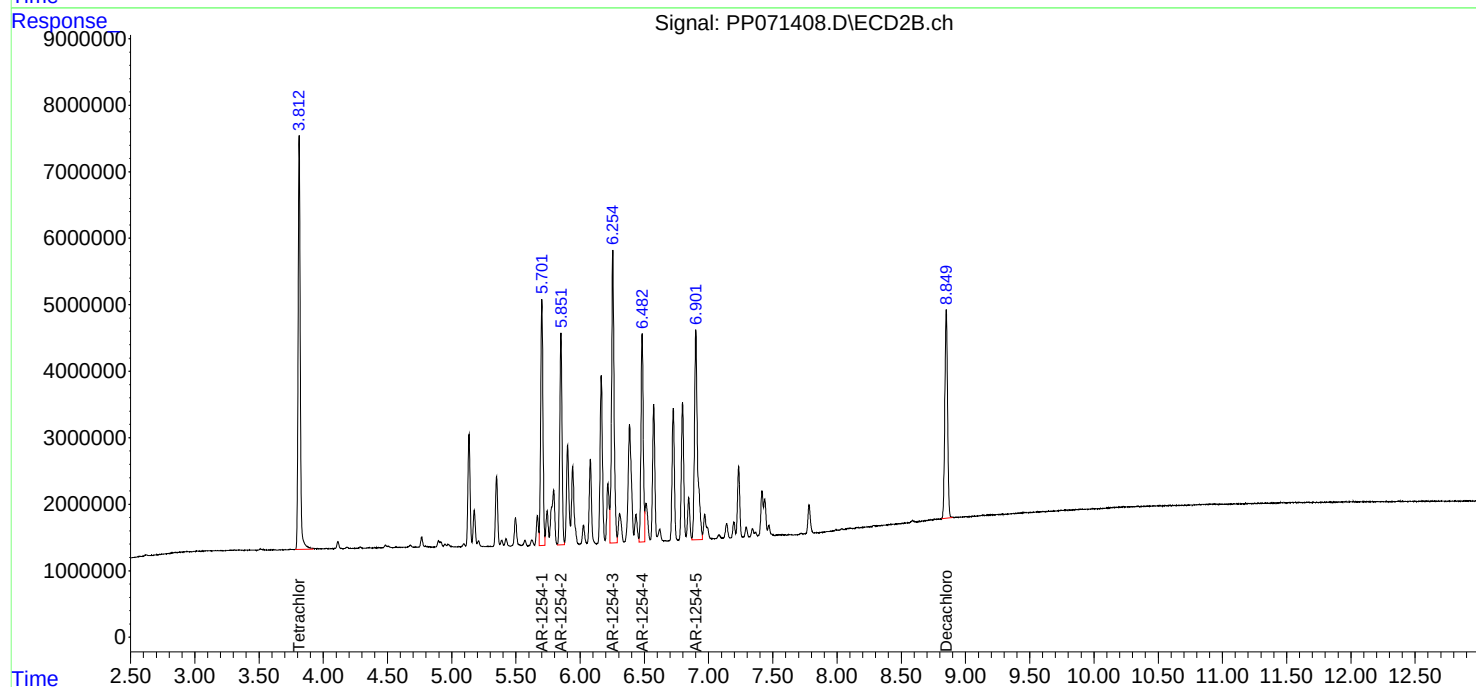
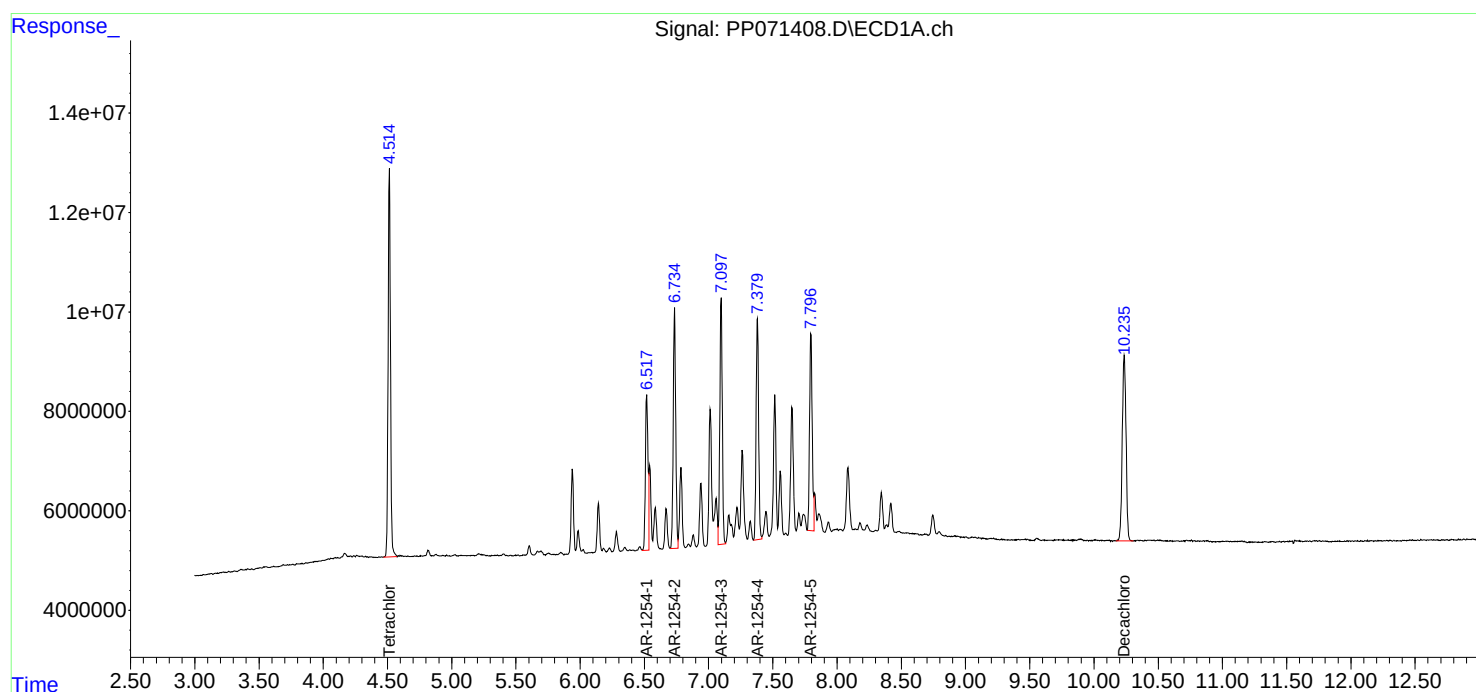
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
Data File : PP071408.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Apr 2025 15:38  
Operator : YP\AJ  
Sample : AR1254ICC500  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 22 15:48:55 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Apr 22 15:48:40 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
 Data File : PP071409.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Apr 2025 15:55  
 Operator : YP\AJ  
 Sample : AR1254ICC250  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1254ICC250

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 22 16:07:19 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Apr 22 16:07:08 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.513  | 3.813 | 51789148 | 37965204 | 26.192  | 25.910  |
| 2) SA Decachlor...          | 10.234 | 8.850 | 38742671 | 23881547 | 26.022  | 26.587  |
|                             |        |       |          |          |         |         |
| Target Compounds            |        |       |          |          |         |         |
| 26) L6 AR-1254-1            | 6.517  | 5.703 | 22149547 | 24321384 | 265.267 | 273.203 |
| 27) L6 AR-1254-2            | 6.733  | 5.851 | 34278927 | 20788594 | 265.367 | 271.757 |
| 28) L6 AR-1254-3            | 7.096  | 6.255 | 34405813 | 31095041 | 263.728 | 265.596 |
| 29) L6 AR-1254-4            | 7.379  | 6.483 | 31098214 | 20469357 | 261.934 | 269.399 |
| 30) L6 AR-1254-5            | 7.796  | 6.901 | 29038261 | 26846100 | 262.635 | 268.183 |
| -----                       |        |       |          |          |         |         |

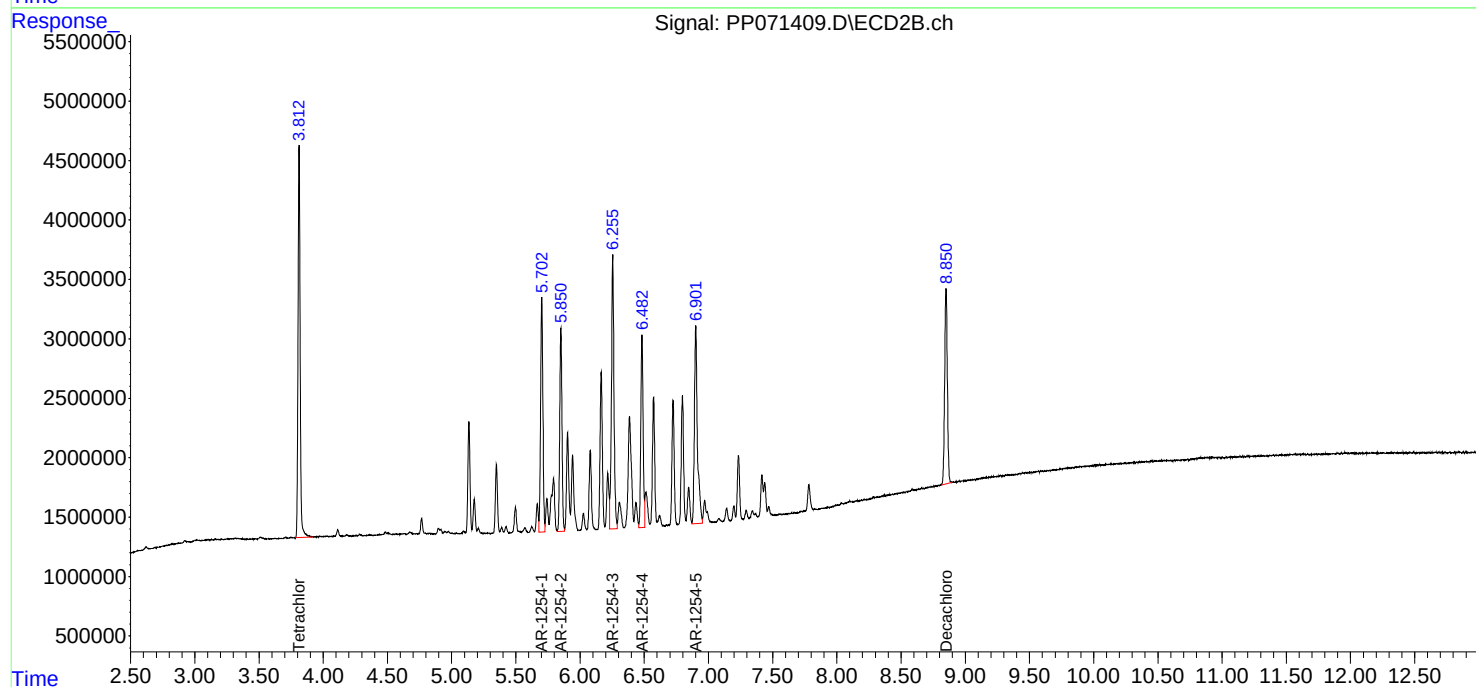
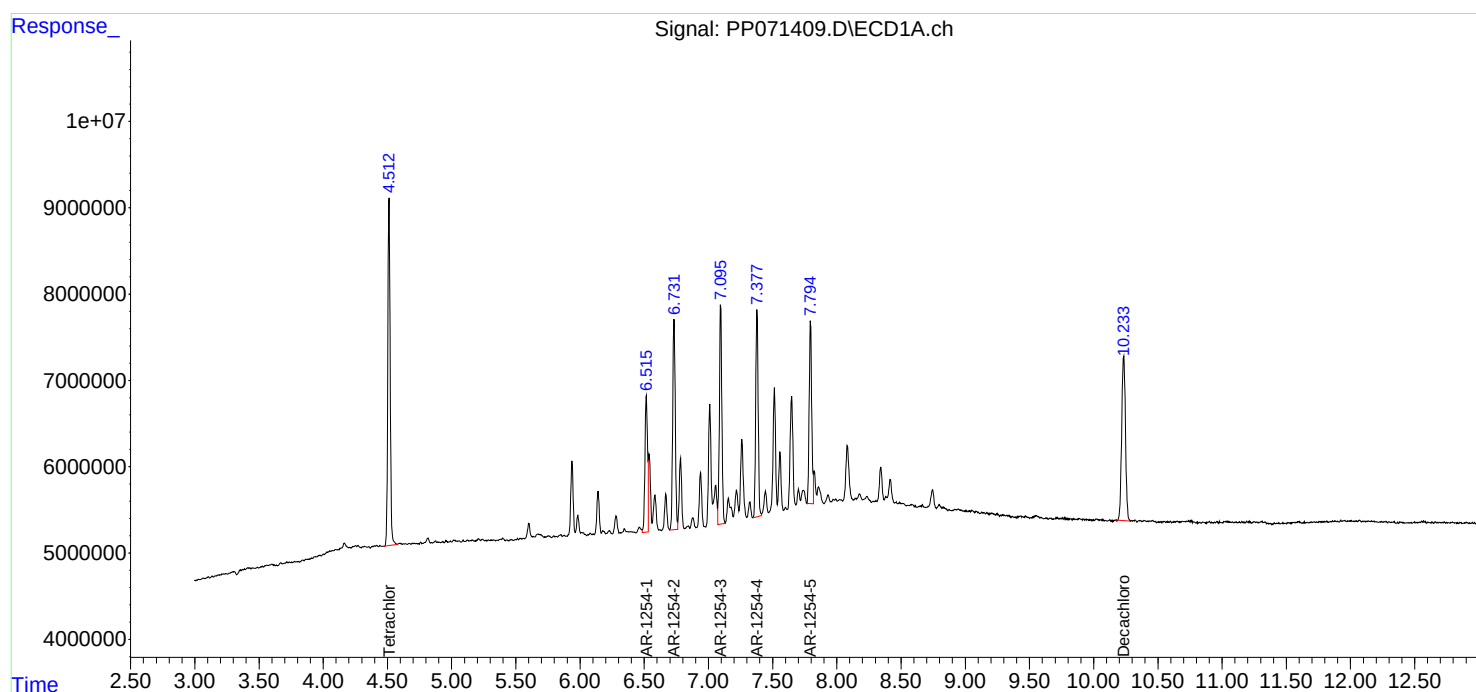
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
Data File : PP071409.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Apr 2025 15:55  
Operator : YP\AJ  
Sample : AR1254ICC250  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC250

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 22 16:07:19 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Apr 22 16:07:08 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
 Data File : PP071410.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Apr 2025 16:11  
 Operator : YP\AJ  
 Sample : AR1254ICC050  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1254ICC050

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 04/23/2025  
 Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 22 16:54:51 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Apr 22 16:54:36 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1  | Resp#2  | ng/ml  | ng/ml  |
|-----------------------------|--------|-------|---------|---------|--------|--------|
| -----                       |        |       |         |         |        |        |
| System Monitoring Compounds |        |       |         |         |        |        |
| 1) SA Tetrachlo...          | 4.514  | 3.813 | 8612576 | 7342515 | 4.471m | 5.009  |
| 2) SA Decachlor...          | 10.236 | 8.850 | 6643627 | 4341119 | 4.560  | 4.865  |
| Target Compounds            |        |       |         |         |        |        |
| 26) L6 AR-1254-1            | 6.520  | 5.703 | 3787970 | 5045448 | 46.222 | 55.202 |
| 27) L6 AR-1254-2            | 6.735  | 5.852 | 5933913 | 4378664 | 46.696 | 55.629 |
| 28) L6 AR-1254-3            | 7.099  | 6.255 | 5851823 | 6211772 | 45.798 | 52.416 |
| 29) L6 AR-1254-4            | 7.382  | 6.484 | 5633281 | 4095094 | 47.937 | 53.069 |
| 30) L6 AR-1254-5            | 7.798  | 6.901 | 4819584 | 5346230 | 44.737 | 52.689 |
| -----                       |        |       |         |         |        |        |

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
Data File : PP071410.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Apr 2025 16:11  
Operator : YP\AJ  
Sample : AR1254ICC050  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

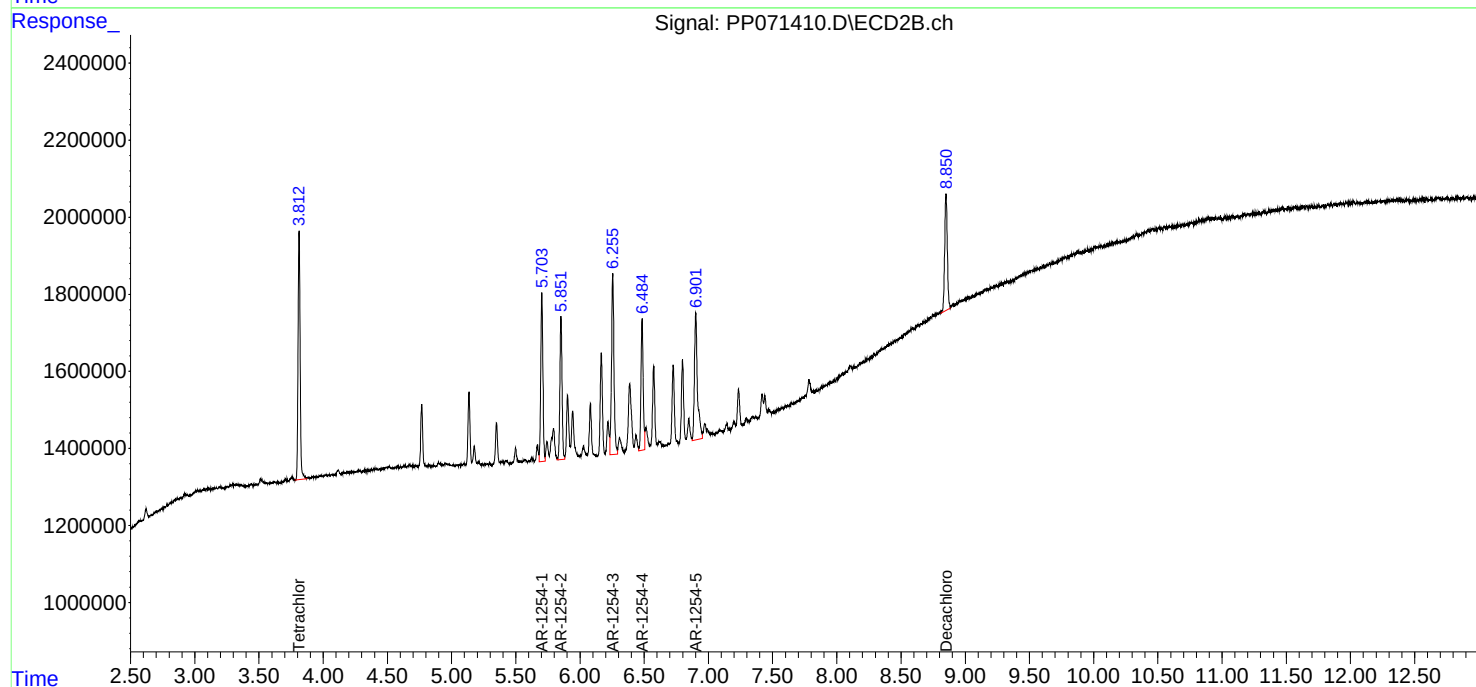
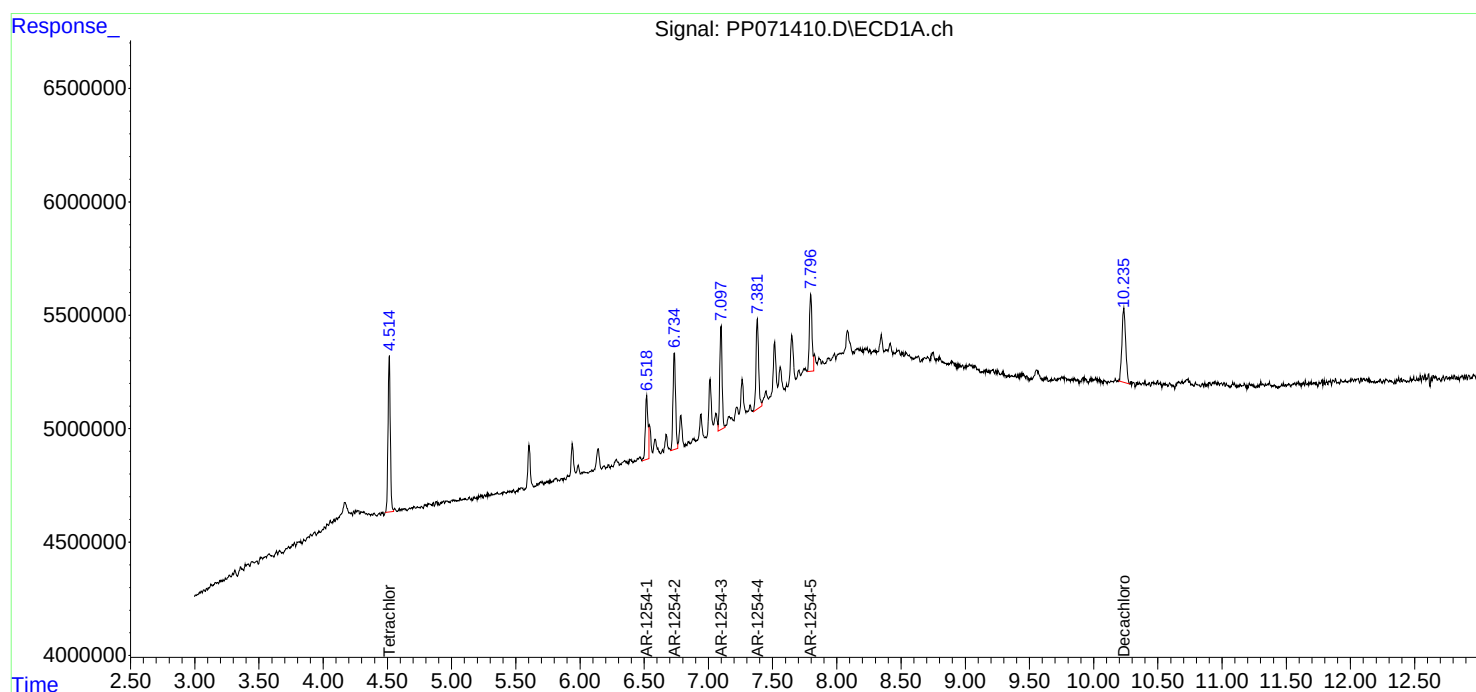
Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC050

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 04/23/2025  
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 22 16:54:51 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Apr 22 16:54:36 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
 Data File : PP071411.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Apr 2025 16:27  
 Operator : YP\AJ  
 Sample : AR1262ICC500  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1262ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 22 17:08:30 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Apr 22 17:08:14 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.515  | 3.813 | 98220466 | 71170259 | 50.000  | 50.000  |
| 2) SA Decachlor...          | 10.235 | 8.850 | 74643123 | 44870081 | 50.000  | 50.000  |
| Target Compounds            |        |       |          |          |         |         |
| 36) L8 AR-1262-1            | 8.100  | 6.939 | 72245642 | 56806132 | 500.000 | 500.000 |
| 37) L8 AR-1262-2            | 8.420  | 7.198 | 137.1E6  | 46169678 | 500.000 | 500.000 |
| 38) L8 AR-1262-3            | 8.737  | 7.721 | 91438860 | 37847231 | 500.000 | 500.000 |
| 39) L8 AR-1262-4            | 8.822  | 7.786 | 67105487 | 62412938 | 500.000 | 500.000 |
| 40) L8 AR-1262-5            | 9.478  | 8.286 | 44080983 | 27746588 | 500.000 | 500.000 |
| -----                       |        |       |          |          |         |         |

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

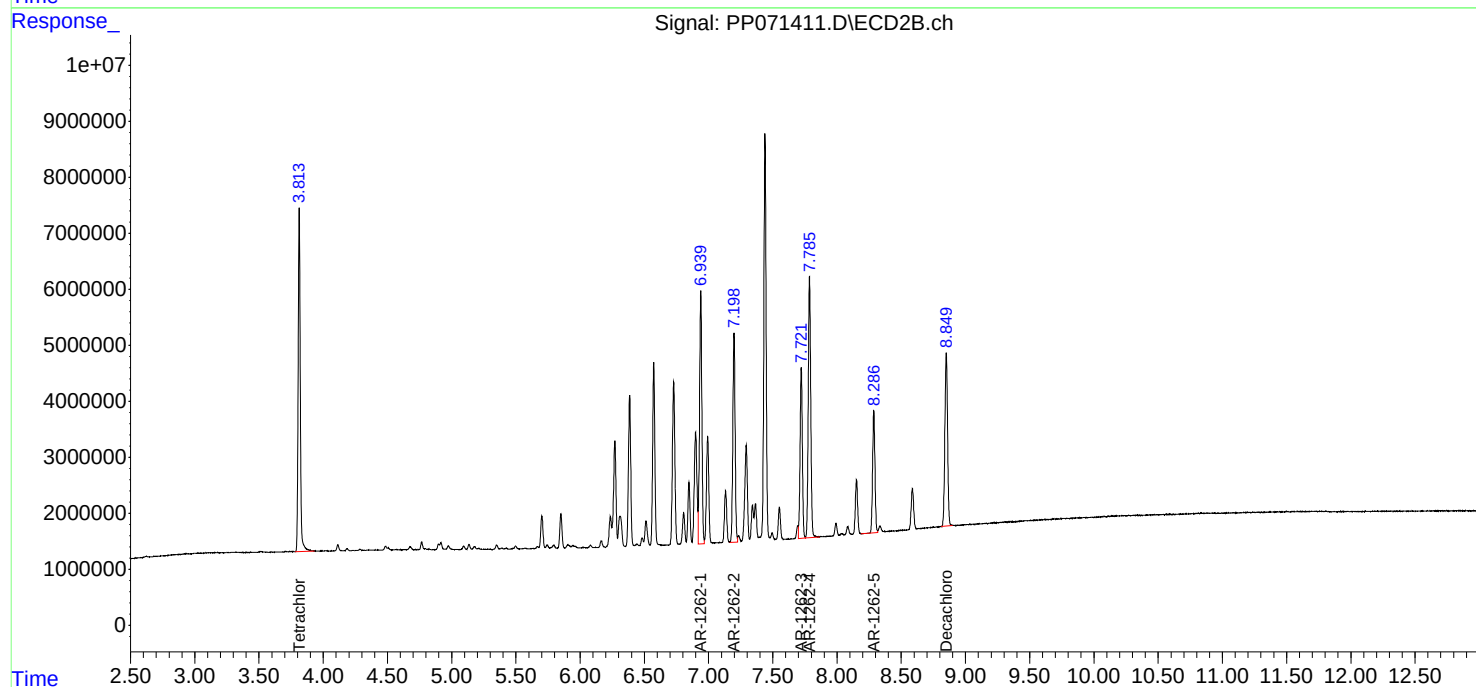
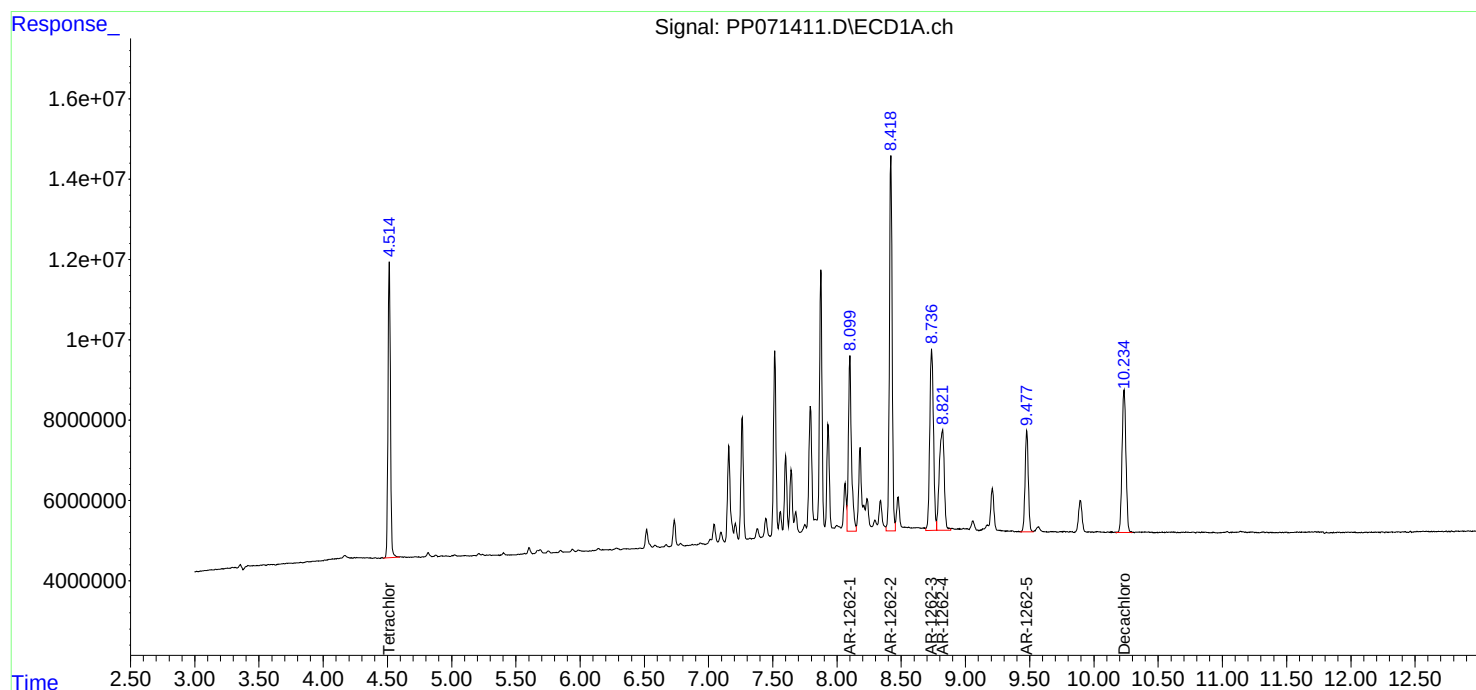


Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
Data File : PP071411.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Apr 2025 16:27  
Operator : YP\AJ  
Sample : AR1262ICC500  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1262ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 22 17:08:30 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Apr 22 17:08:14 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
 Data File : PP071412.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Apr 2025 16:44  
 Operator : YP\AJ  
 Sample : AR1268ICC1000  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1268ICC1000

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 04/23/2025  
 Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 23 04:44:55 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Apr 23 04:41:50 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|--------|-------|----------|----------|---------|----------|
| -----                       |        |       |          |          |         |          |
| System Monitoring Compounds |        |       |          |          |         |          |
| 1) SA Tetrachlo...          | 4.514  | 3.812 | 188.4E6  | 147.6E6  | 95.054  | 100.837  |
| 2) SA Decachlor...          | 10.235 | 8.850 | 248.7E6  | 149.9E6  | 93.152  | 93.528   |
| Target Compounds            |        |       |          |          |         |          |
| 41) L9 AR-1268-1            | 8.733  | 7.722 | 299.6E6  | 181.9E6  | 936.979 | 895.922m |
| 42) L9 AR-1268-2            | 8.826  | 7.788 | 251.1E6  | 154.8E6  | 937.116 | 896.075  |
| 43) L9 AR-1268-3            | 9.058  | 7.993 | 211.9E6  | 128.5E6  | 940.656 | 898.014  |
| 44) L9 AR-1268-4            | 9.477  | 8.287 | 93231632 | 56964280 | 941.667 | 896.773  |
| 45) L9 AR-1268-5            | 9.894  | 8.588 | 590.1E6  | 367.0E6  | 950.117 | 952.869  |
| -----                       |        |       |          |          |         |          |

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
Data File : PP071412.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Apr 2025 16:44  
Operator : YP\AJ  
Sample : AR1268ICC1000  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

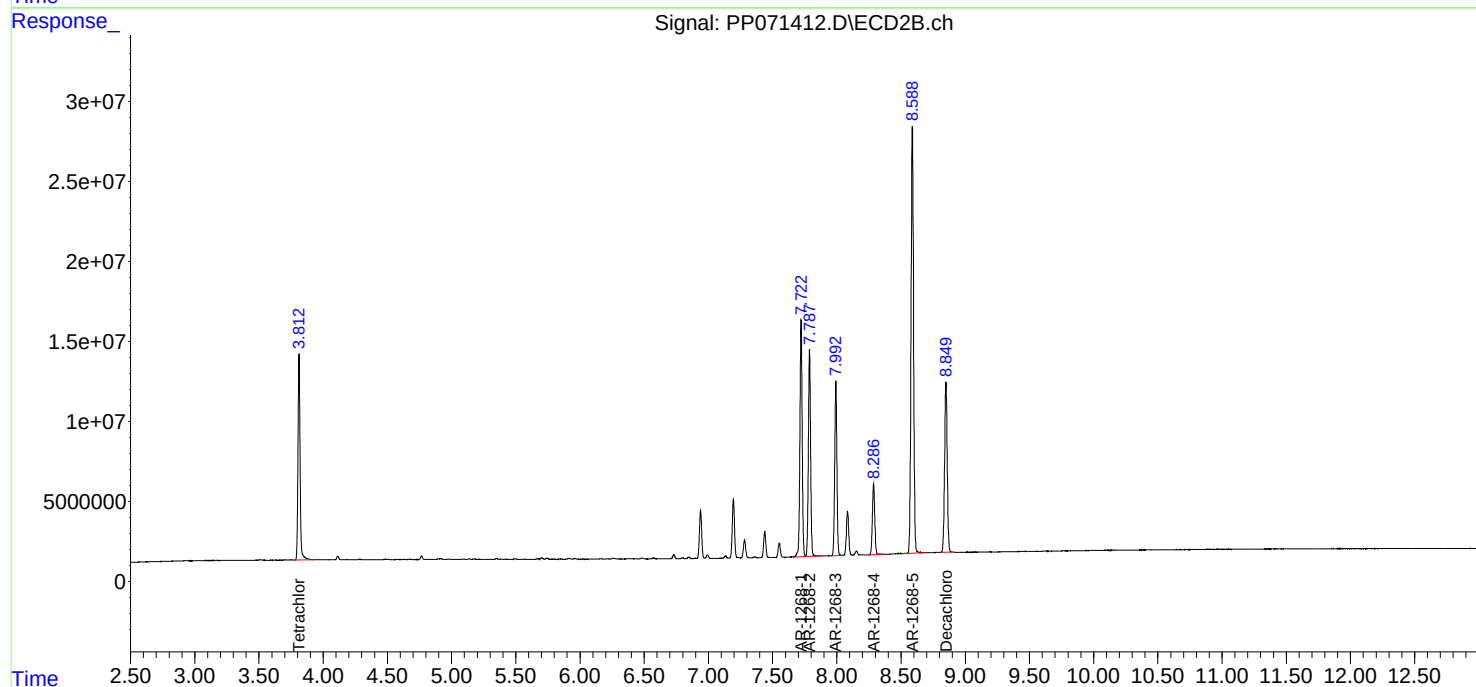
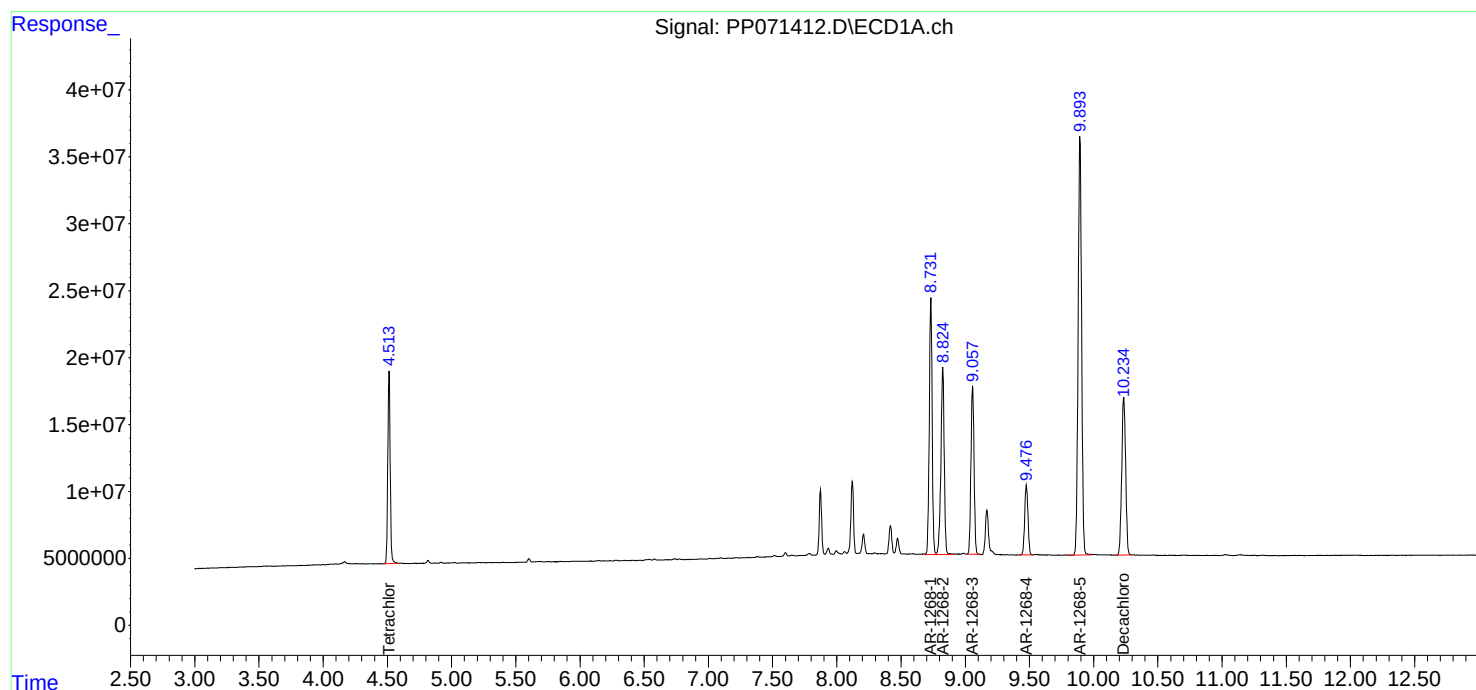
Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC1000

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 04/23/2025  
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 23 04:44:55 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Apr 23 04:41:50 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
 Data File : PP071413.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Apr 2025 17:00  
 Operator : YP\AJ  
 Sample : AR1268ICC750  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1268ICC750

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 04/23/2025  
 Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 23 04:45:40 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Apr 23 04:41:50 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|--------|-------|----------|----------|---------|----------|
| -----                       |        |       |          |          |         |          |
| System Monitoring Compounds |        |       |          |          |         |          |
| 1) SA Tetrachlo...          | 4.515  | 3.813 | 144.9E6  | 108.4E6  | 73.091  | 74.065   |
| 2) SA Decachlor...          | 10.234 | 8.849 | 191.8E6  | 116.0E6  | 71.833  | 72.344   |
| Target Compounds            |        |       |          |          |         |          |
| 41) L9 AR-1268-1            | 8.733  | 7.721 | 231.8E6  | 141.3E6  | 725.026 | 696.327m |
| 42) L9 AR-1268-2            | 8.826  | 7.787 | 194.3E6  | 119.6E6  | 725.052 | 692.534  |
| 43) L9 AR-1268-3            | 9.058  | 7.991 | 163.8E6  | 99816904 | 726.929 | 697.612  |
| 44) L9 AR-1268-4            | 9.476  | 8.285 | 72323269 | 44771879 | 730.486 | 704.831  |
| 45) L9 AR-1268-5            | 9.894  | 8.587 | 452.8E6  | 283.3E6  | 729.082 | 735.437  |
| -----                       |        |       |          |          |         |          |

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
Data File : PP071413.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Apr 2025 17:00  
Operator : YP\AJ  
Sample : AR1268ICC750  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

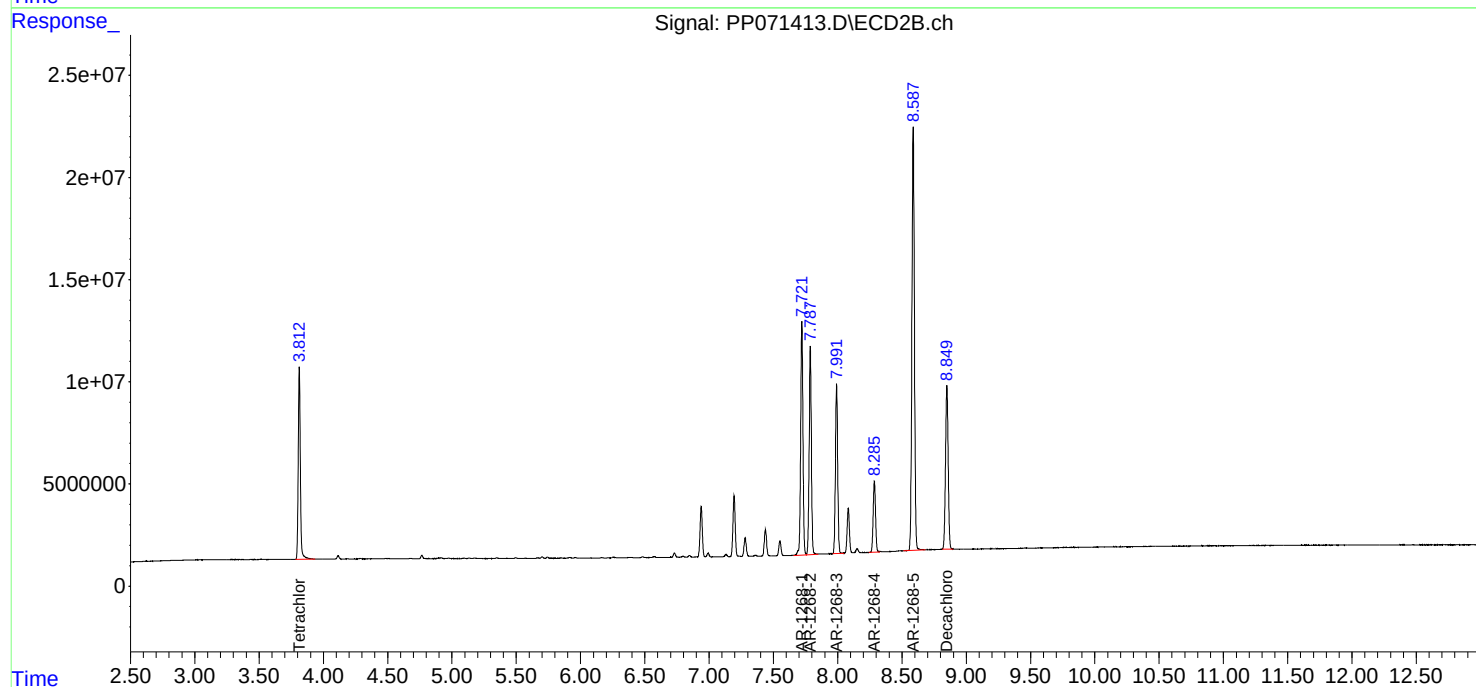
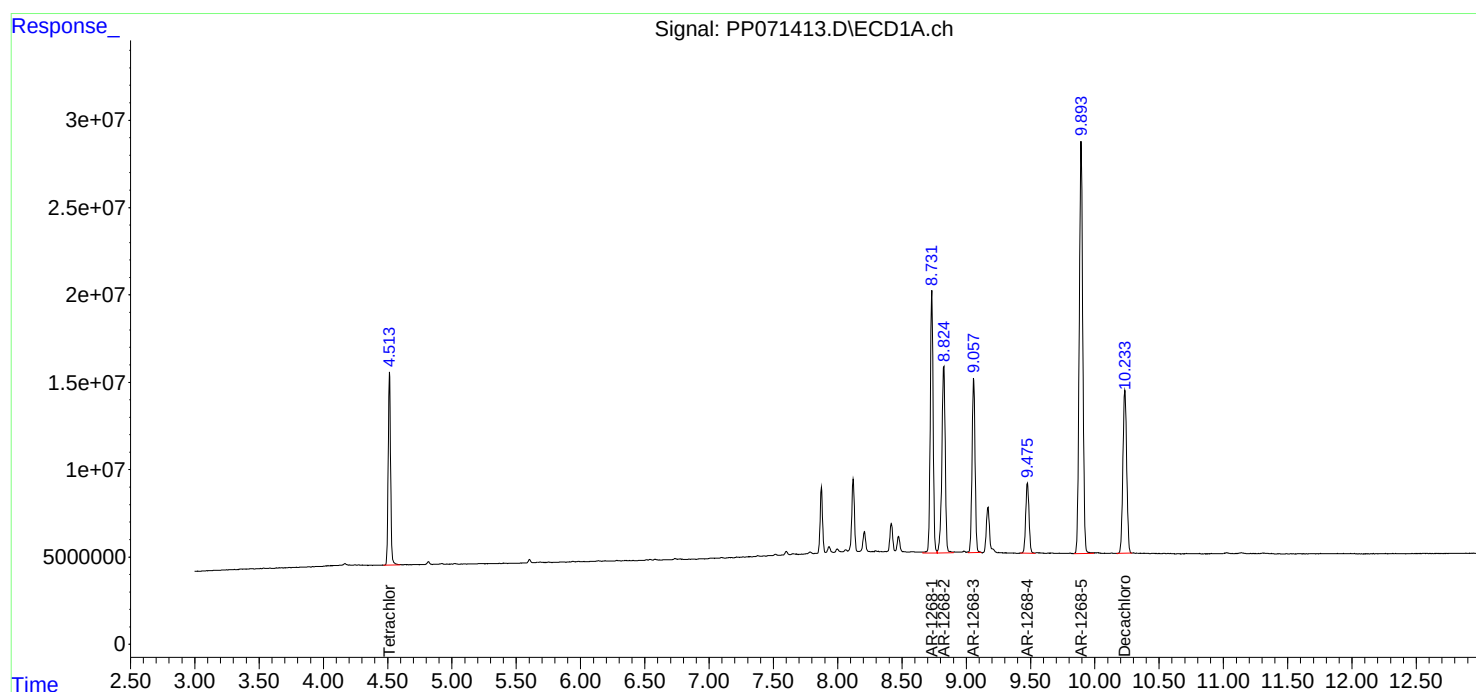
Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC750

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 04/23/2025  
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 23 04:45:40 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Apr 23 04:41:50 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
 Data File : PP071414.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Apr 2025 17:16  
 Operator : YP\AJ  
 Sample : AR1268ICC500  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1268ICC500

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 04/23/2025  
 Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 23 04:46:05 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Apr 23 04:41:50 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|--------|-------|----------|----------|---------|----------|
| -----                       |        |       |          |          |         |          |
| System Monitoring Compounds |        |       |          |          |         |          |
| 1) SA Tetrachlo...          | 4.515  | 3.814 | 99100413 | 73210719 | 50.000  | 50.000   |
| 2) SA Decachlor...          | 10.236 | 8.851 | 133.5E6  | 80139523 | 50.000  | 50.000   |
| Target Compounds            |        |       |          |          |         |          |
| 41) L9 AR-1268-1            | 8.733  | 7.722 | 159.9E6  | 101.7E6  | 500.000 | 501.224m |
| 42) L9 AR-1268-2            | 8.826  | 7.788 | 134.0E6  | 86377504 | 500.000 | 500.000  |
| 43) L9 AR-1268-3            | 9.059  | 7.993 | 112.6E6  | 71541846 | 500.000 | 500.000  |
| 44) L9 AR-1268-4            | 9.478  | 8.287 | 49503520 | 31760699 | 500.000 | 500.000  |
| 45) L9 AR-1268-5            | 9.894  | 8.589 | 310.5E6  | 192.6E6  | 500.000 | 500.000  |
| -----                       |        |       |          |          |         |          |

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
Data File : PP071414.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Apr 2025 17:16  
Operator : YP\AJ  
Sample : AR1268ICC500  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

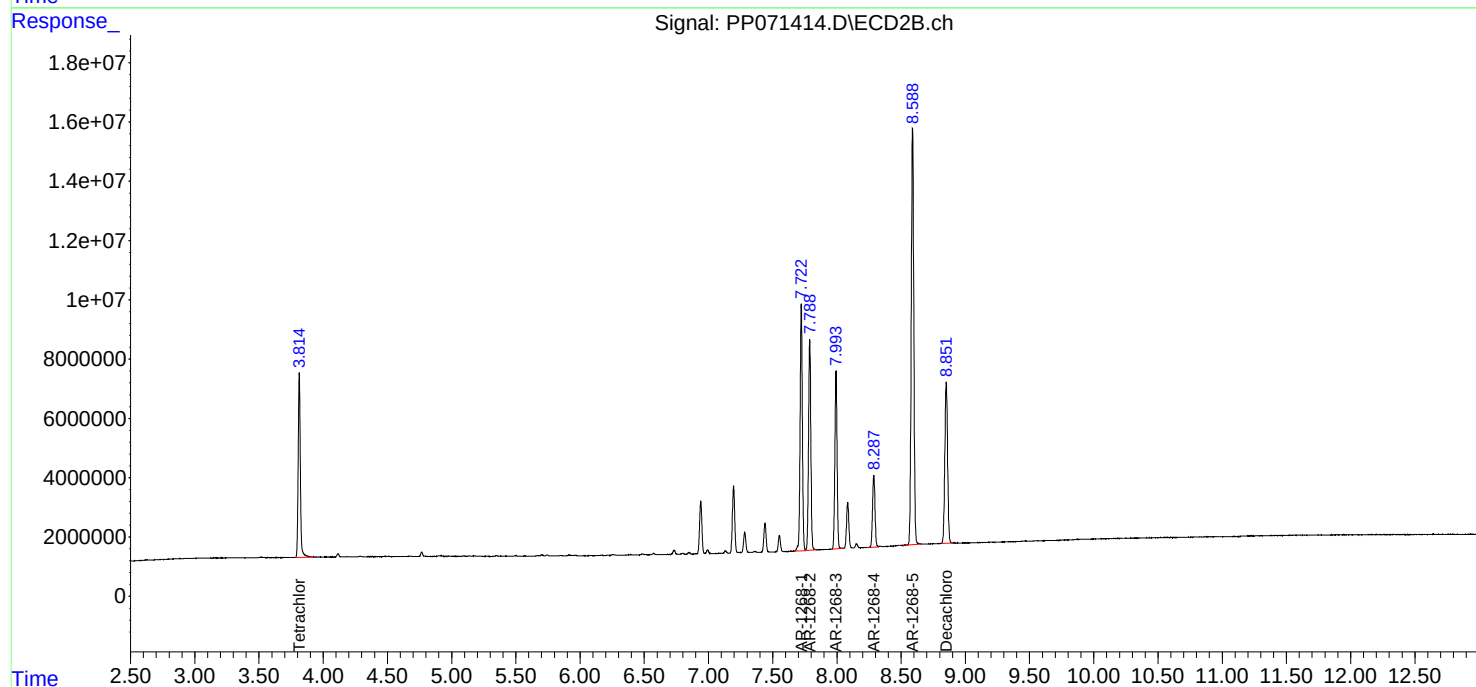
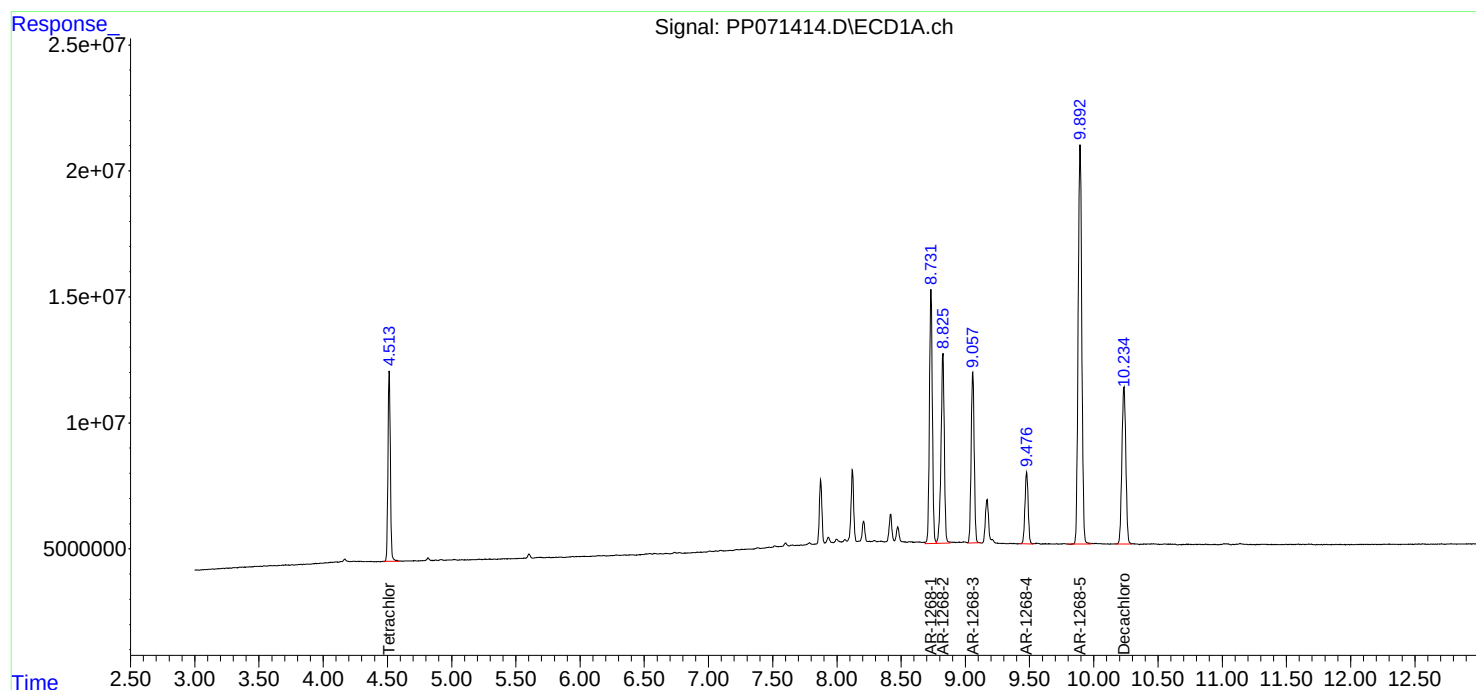
Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC500

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 04/23/2025  
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 23 04:46:05 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Apr 23 04:41:50 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
 Data File : PP071415.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Apr 2025 17:33  
 Operator : YP\AJ  
 Sample : AR1268ICC250  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1268ICC250

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 04/23/2025  
 Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 23 04:47:10 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Apr 23 04:41:50 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|--------|-------|----------|----------|---------|----------|
| -----                       |        |       |          |          |         |          |
| System Monitoring Compounds |        |       |          |          |         |          |
| 1) SA Tetrachlo...          | 4.517  | 3.813 | 50174786 | 36443440 | 25.315  | 24.889   |
| 2) SA Decachlor...          | 10.236 | 8.850 | 67366681 | 41318494 | 25.236  | 25.779   |
| Target Compounds            |        |       |          |          |         |          |
| 41) L9 AR-1268-1            | 8.735  | 7.721 | 82956522 | 51353583 | 259.446 | 252.990m |
| 42) L9 AR-1268-2            | 8.828  | 7.788 | 68964227 | 43318102 | 257.367 | 250.749  |
| 43) L9 AR-1268-3            | 9.061  | 7.991 | 57876424 | 36193296 | 256.904 | 252.952  |
| 44) L9 AR-1268-4            | 9.480  | 8.286 | 24514996 | 16044448 | 247.609 | 252.583  |
| 45) L9 AR-1268-5            | 9.897  | 8.587 | 157.8E6  | 96869753 | 254.135 | 251.495  |
| -----                       |        |       |          |          |         |          |

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
Data File : PP071415.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Apr 2025 17:33  
Operator : YP\AJ  
Sample : AR1268ICC250  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

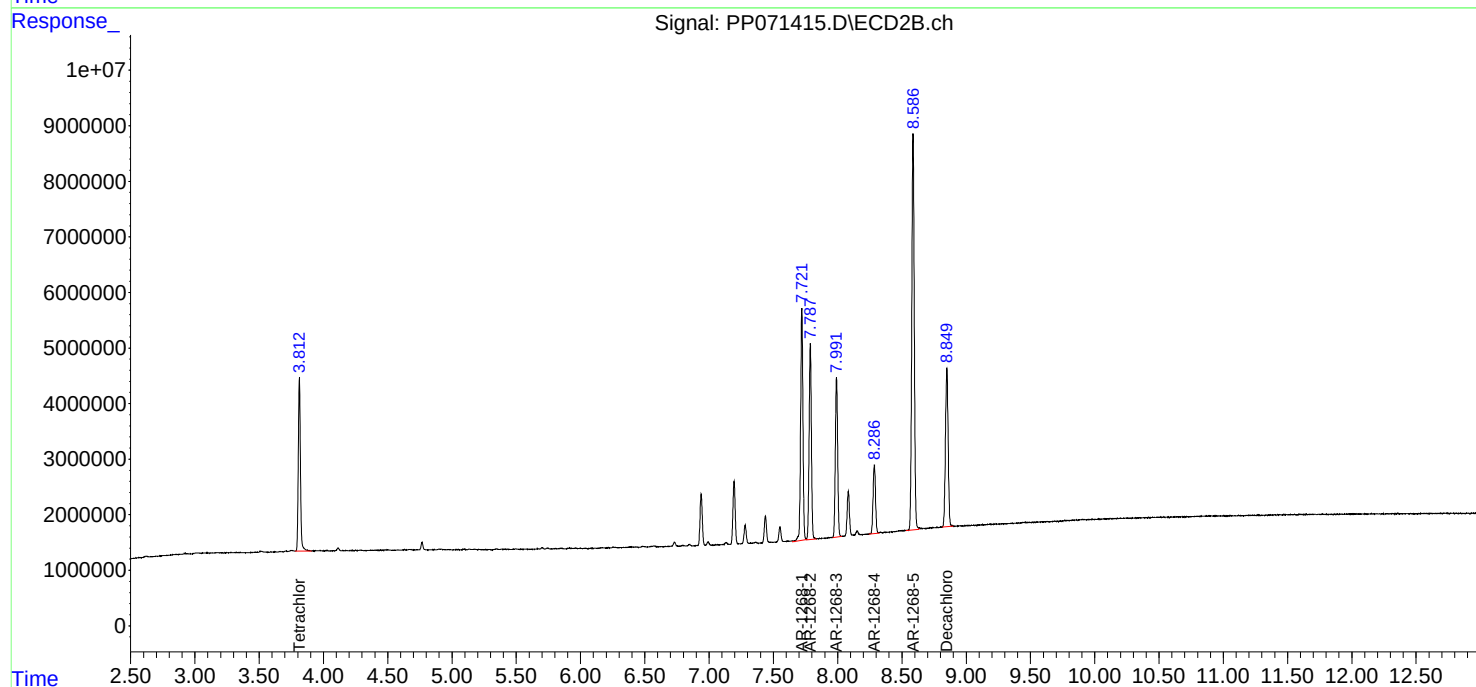
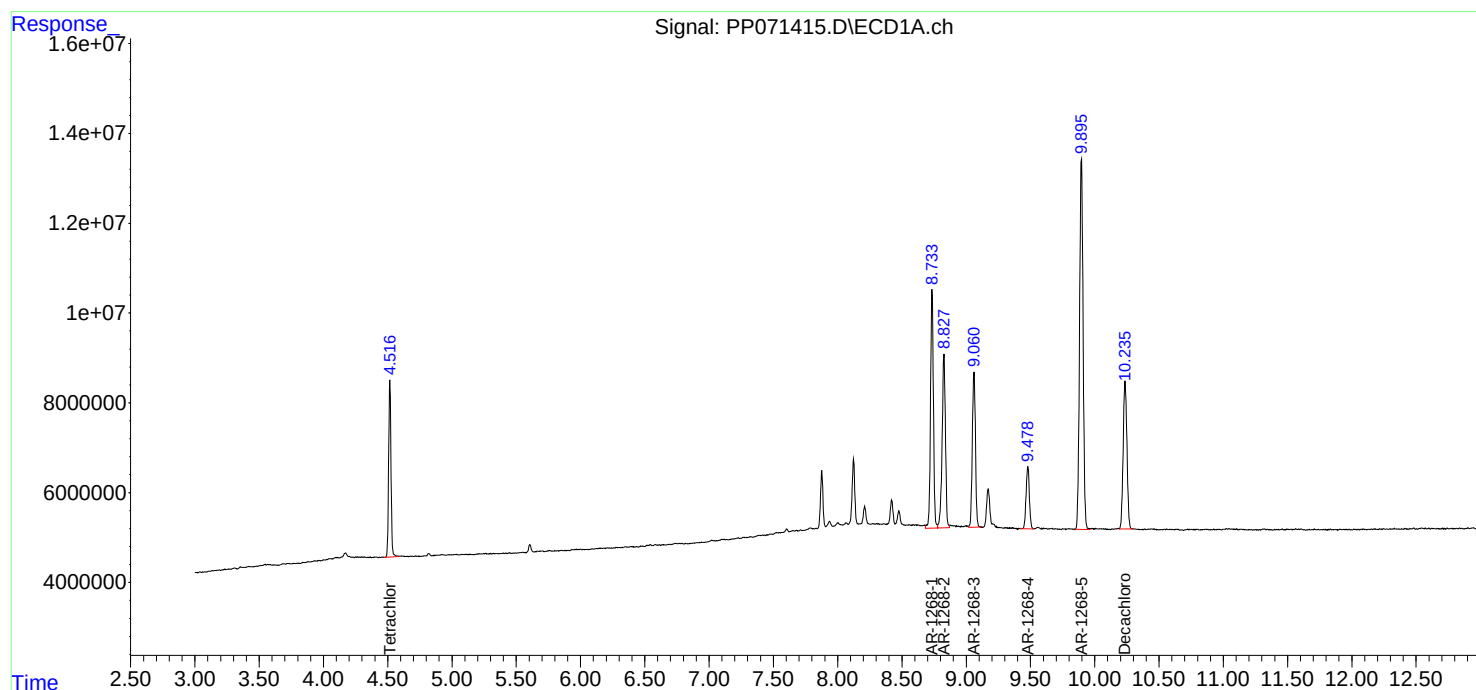
Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC250

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 04/23/2025  
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 23 04:47:10 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Apr 23 04:41:50 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
 Data File : PP071416.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Apr 2025 17:49  
 Operator : YP\AJ  
 Sample : AR1268ICC050  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1268ICC050

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 04/23/2025  
 Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 23 04:47:36 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Apr 23 04:41:50 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.514  | 3.813 | 7954830  | 6504410  | 4.014   | 4.442   |
| 2) SA Decachlor...          | 10.235 | 8.850 | 11316360 | 7324768  | 4.239   | 4.570   |
|                             |        |       |          |          |         |         |
| Target Compounds            |        |       |          |          |         |         |
| 41) L9 AR-1268-1            | 8.731  | 7.721 | 14103190 | 10095232 | 44.108m | 49.733m |
| 42) L9 AR-1268-2            | 8.825  | 7.787 | 11406198 | 8528068  | 42.567m | 49.365  |
| 43) L9 AR-1268-3            | 9.058  | 7.992 | 10823544 | 6773456  | 48.044  | 47.339  |
| 44) L9 AR-1268-4            | 9.476  | 8.287 | 4136815  | 2789666  | 41.783  | 43.917  |
| 45) L9 AR-1268-5            | 9.894  | 8.588 | 26835395 | 17143092 | 43.209  | 44.507  |
| -----                       |        |       |          |          |         |         |

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
Data File : PP071416.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Apr 2025 17:49  
Operator : YP\AJ  
Sample : AR1268ICC050  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

## Instrument :

ECD\_P

## ClientSampleId :

AR1268ICC050

## Manual Integrations

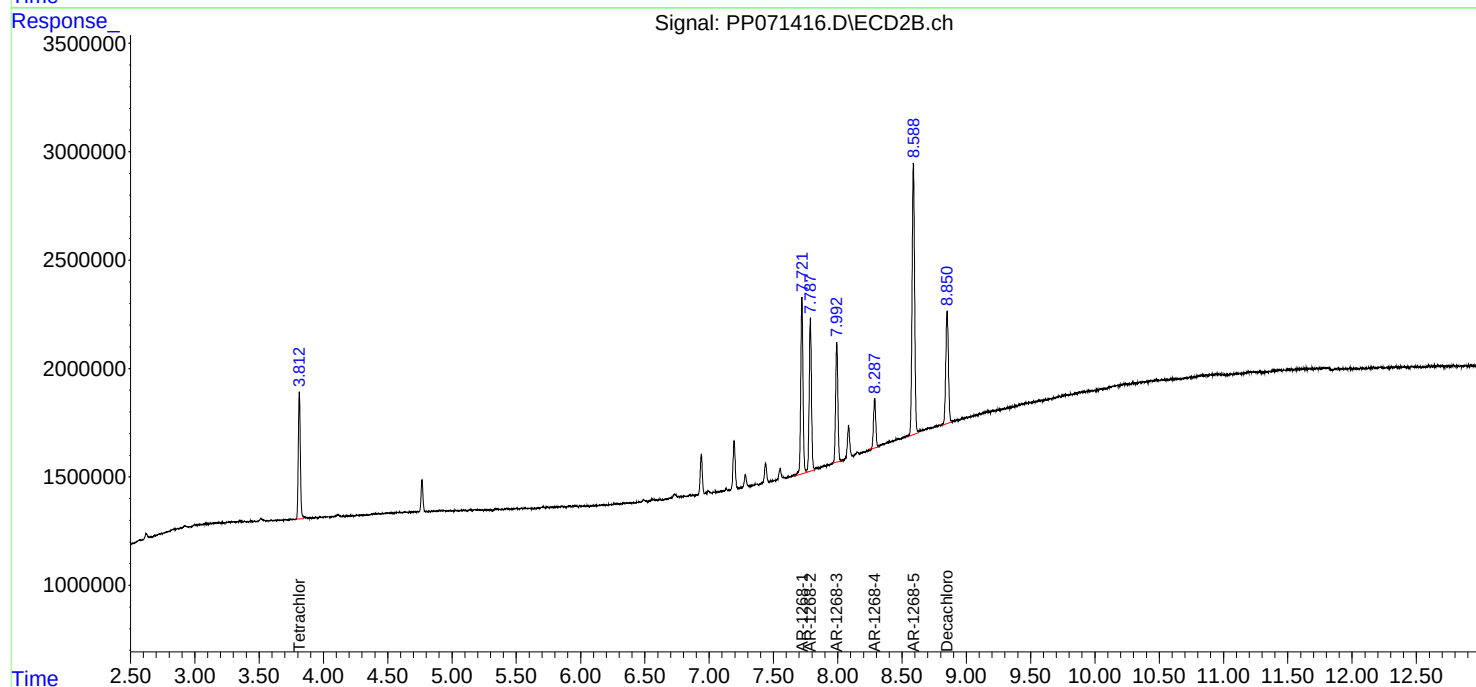
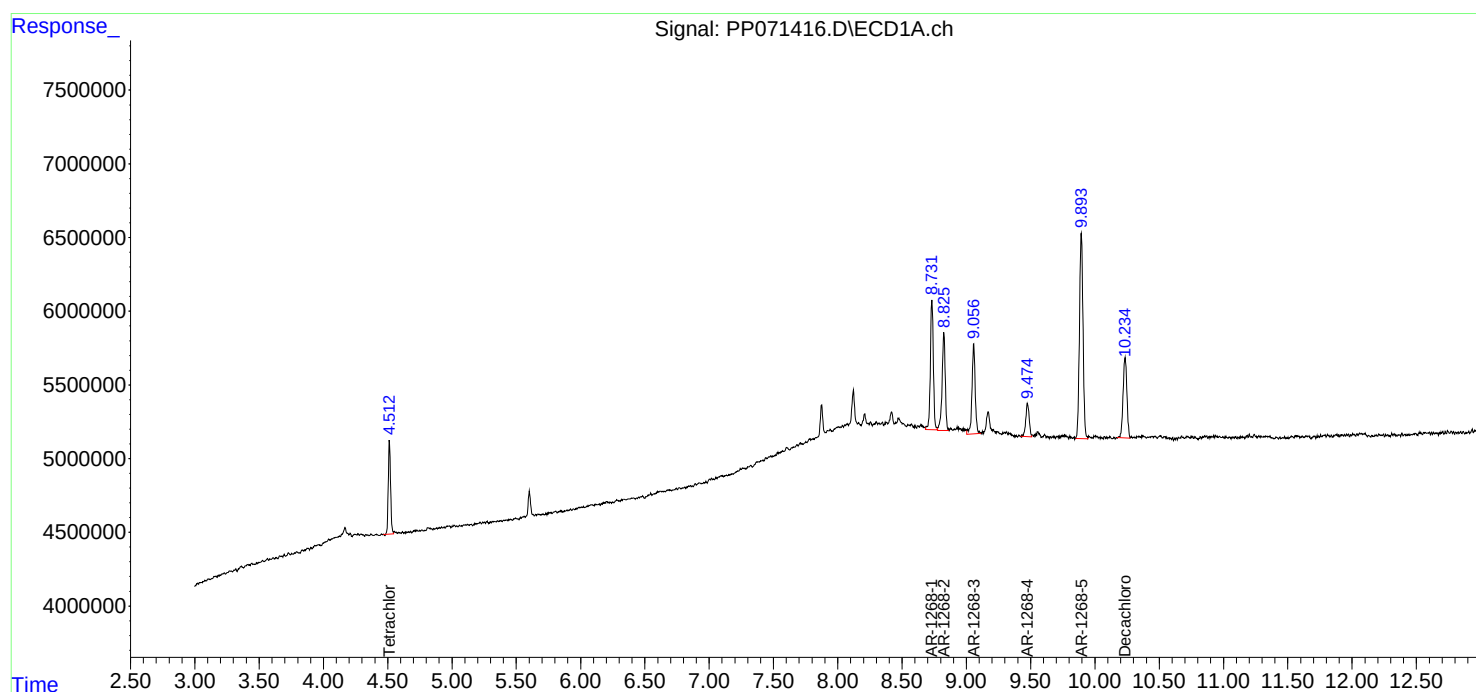
## APPROVED

Reviewed By :Yogesh Patel 04/23/2025

Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 23 04:47:36 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Apr 23 04:41:50 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
 Data File : PP071417.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Apr 2025 18:05  
 Operator : YP\AJ  
 Sample : PP042225ICV500  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 ICVPP042225

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 22 19:27:41 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Apr 22 17:08:14 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.514  | 3.812 | 98003244 | 70310326 | 49.431  | 49.914  |
| 2) SA Decachlor...          | 10.233 | 8.849 | 73424396 | 44681766 | 50.707  | 50.945  |
| Target Compounds            |        |       |          |          |         |         |
| 3) L1 AR-1016-1             | 5.668  | 4.898 | 33546404 | 27255669 | 500.321 | 509.132 |
| 4) L1 AR-1016-2             | 5.690  | 4.916 | 50377176 | 38783246 | 490.870 | 507.875 |
| 5) L1 AR-1016-3             | 5.752  | 5.093 | 30221252 | 21921068 | 490.230 | 519.328 |
| 6) L1 AR-1016-4             | 5.850  | 5.135 | 25444869 | 18087794 | 496.019 | 524.498 |
| 7) L1 AR-1016-5             | 6.142  | 5.349 | 24049539 | 22819712 | 498.556 | 513.411 |
| 31) L7 AR-1260-1            | 7.262  | 6.384 | 46974832 | 35744650 | 489.196 | 494.399 |
| 32) L7 AR-1260-2            | 7.515  | 6.573 | 70731391 | 43416292 | 494.358 | 496.405 |
| 33) L7 AR-1260-3            | 7.875  | 6.726 | 58007061 | 39241127 | 517.439 | 500.604 |
| 34) L7 AR-1260-4            | 8.098  | 7.198 | 56235072 | 31343464 | 498.252 | 496.643 |
| 35) L7 AR-1260-5            | 8.418  | 7.439 | 114.7E6  | 75416996 | 506.086 | 500.188 |
| -----                       |        |       |          |          |         |         |

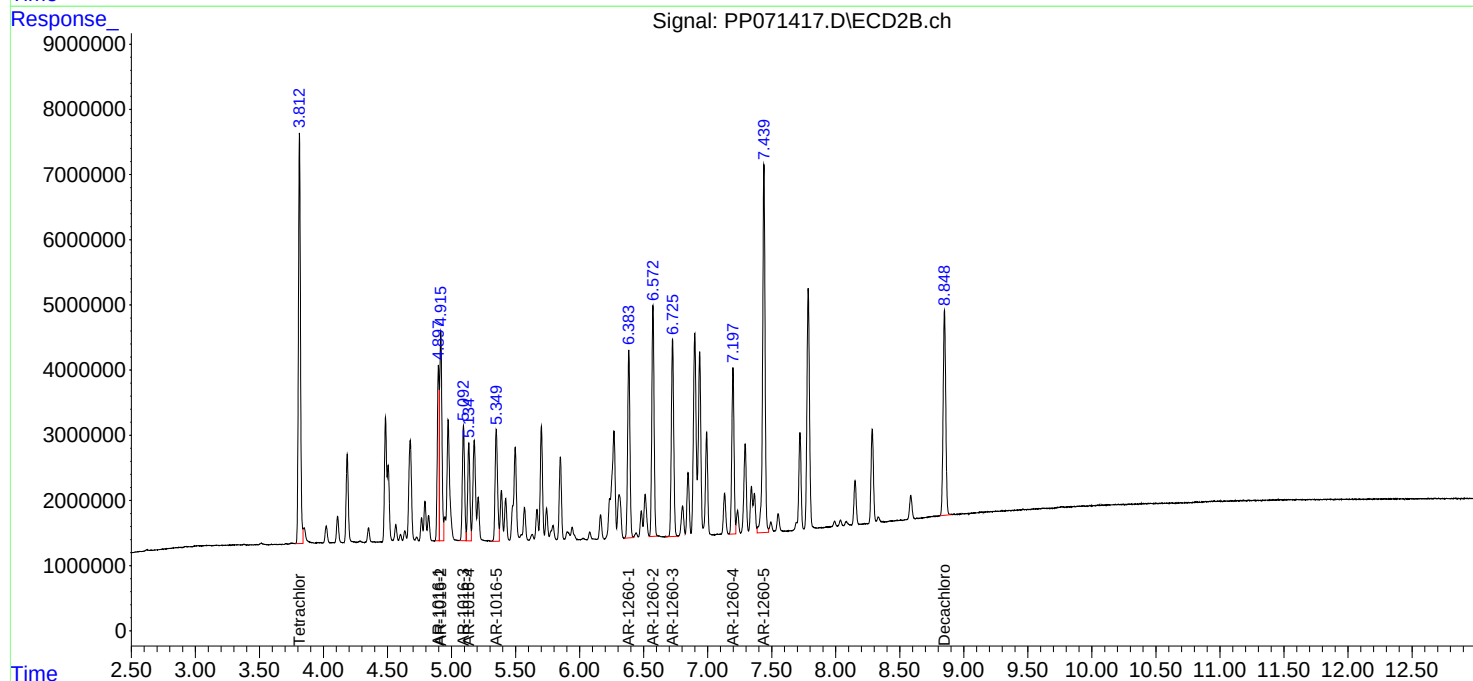
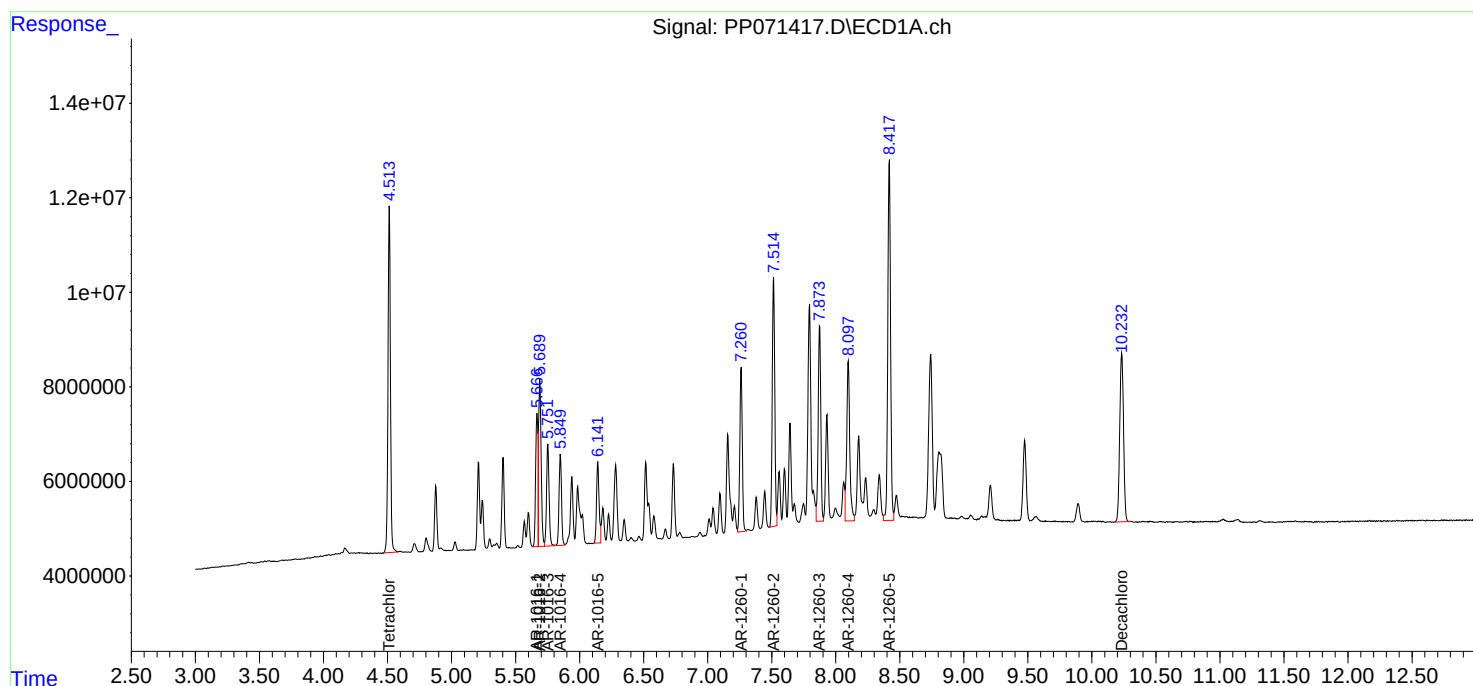
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
Data File : PP071417.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Apr 2025 18:05  
Operator : YP\AJ  
Sample : PP042225ICV500  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP042225

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 22 19:27:41 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Apr 22 17:08:14 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
 Data File : PP071418.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Apr 2025 18:38  
 Operator : YP\AJ  
 Sample : AR1242ICV500  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 ICVPP042225AR1242

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 23 02:23:37 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Apr 23 02:23:12 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.515  | 3.813 | 98322267 | 73653264 | 48.740  | 48.976  |
| 2) SA Decachlor...          | 10.234 | 8.849 | 73973652 | 44775920 | 49.685  | 49.917  |
| Target Compounds            |        |       |          |          |         |         |
| 16) L4 AR-1242-1            | 5.669  | 4.898 | 28608484 | 23663233 | 489.076 | 493.809 |
| 17) L4 AR-1242-2            | 5.690  | 4.917 | 43367430 | 33449196 | 480.598 | 489.769 |
| 18) L4 AR-1242-3            | 5.753  | 5.094 | 25764272 | 18726327 | 483.300 | 486.783 |
| 19) L4 AR-1242-4            | 5.850  | 5.178 | 21798483 | 18331184 | 484.040 | 488.202 |
| 20) L4 AR-1242-5            | 6.581  | 5.702 | 23472650 | 21942094 | 485.668 | 487.912 |
| -----                       |        |       |          |          |         |         |

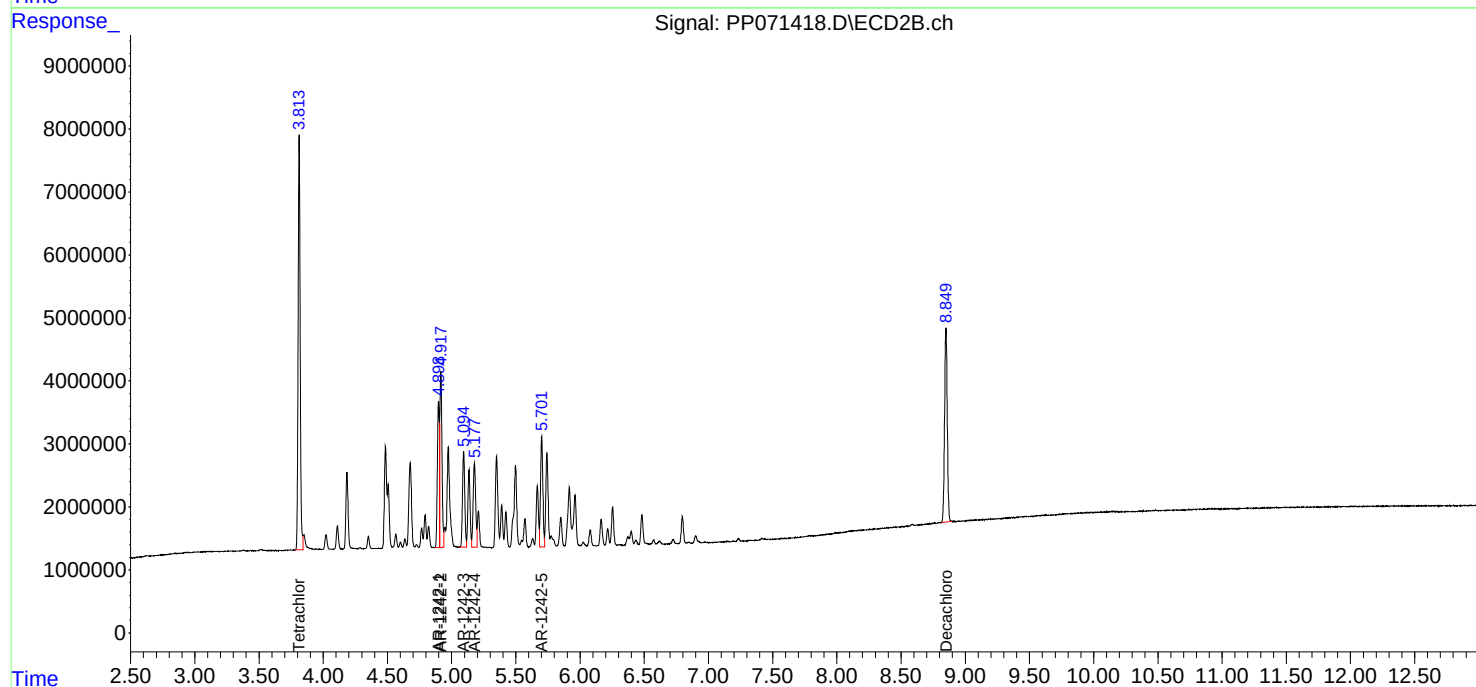
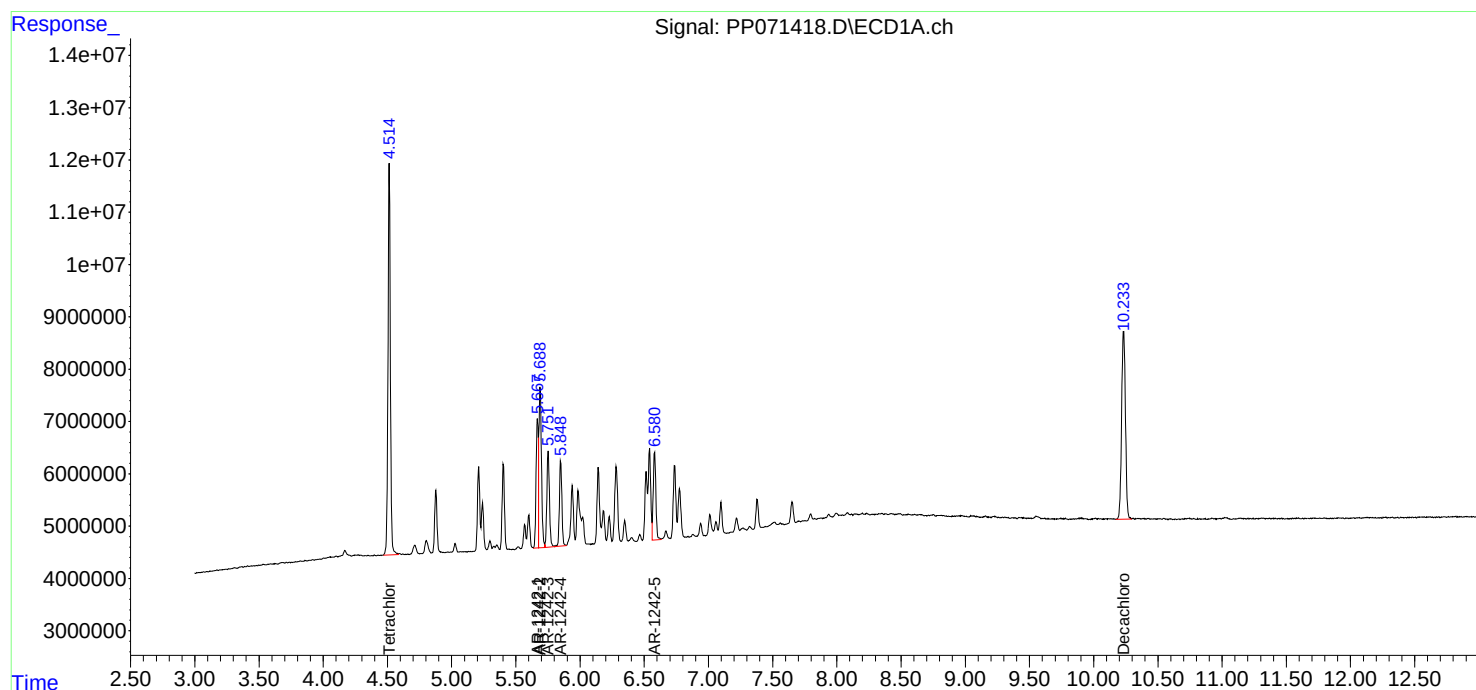
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
Data File : PP071418.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Apr 2025 18:38  
Operator : YP\AJ  
Sample : AR1242ICV500  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP042225AR1242

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 23 02:23:37 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Apr 23 02:23:12 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
 Data File : PP071419.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Apr 2025 19:27  
 Operator : YP\AJ  
 Sample : AR1248ICV500  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 ICVPP042225AR1248

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 01 07:42:53 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Apr 23 05:02:06 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.514  | 3.812 | 98804591 | 74071948 | 49.835  | 52.584  |
| 2) SA Decachlor...          | 10.234 | 8.848 | 74699675 | 45534064 | 51.588  | 51.917  |
| Target Compounds            |        |       |          |          |         |         |
| 21) L5 AR-1248-1            | 5.667  | 4.897 | 22002964 | 19168563 | 512.425 | 530.888 |
| 22) L5 AR-1248-2            | 5.938  | 5.135 | 30310191 | 26184570 | 501.555 | 534.789 |
| 23) L5 AR-1248-3            | 6.141  | 5.177 | 34304891 | 27346403 | 513.666 | 535.307 |
| 24) L5 AR-1248-4            | 6.541  | 5.349 | 43159659 | 31642146 | 510.096 | 521.654 |
| 25) L5 AR-1248-5            | 6.580  | 5.742 | 40310718 | 30029077 | 507.383 | 515.159 |
| -----                       |        |       |          |          |         |         |

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

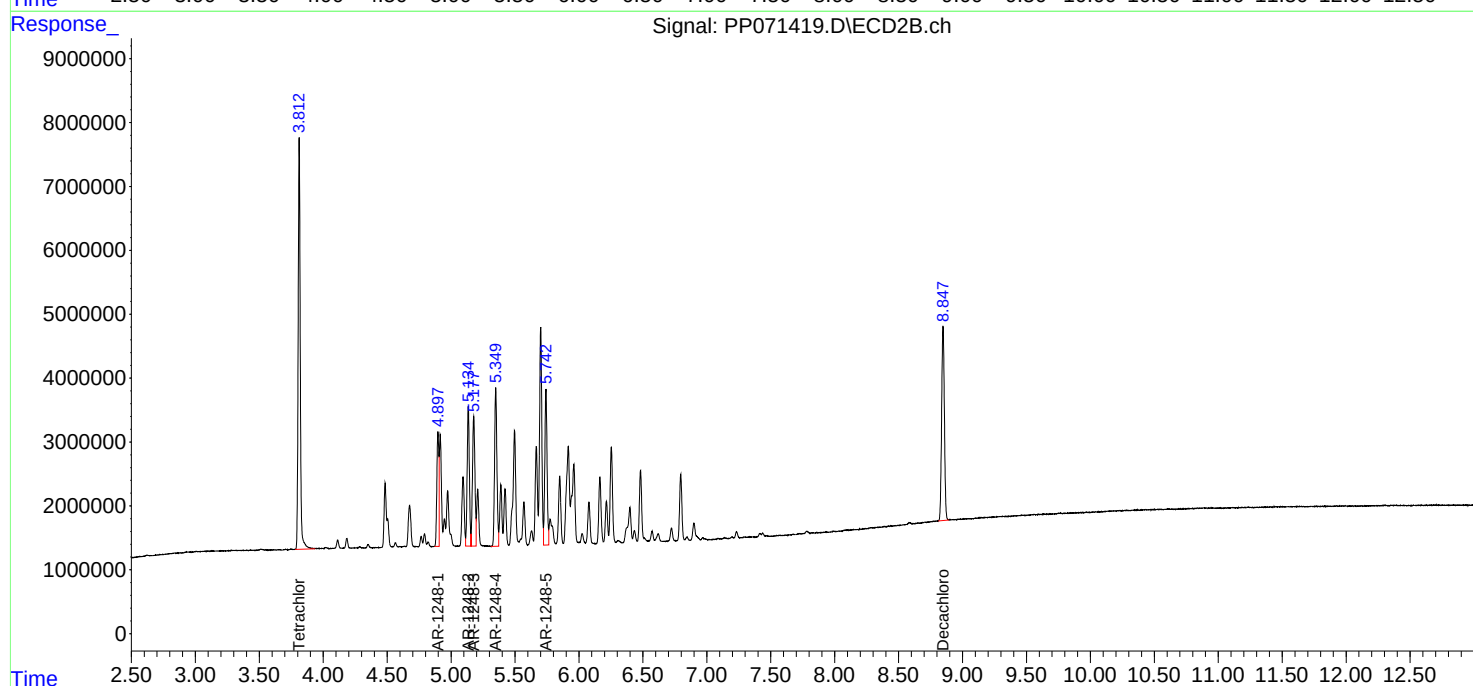
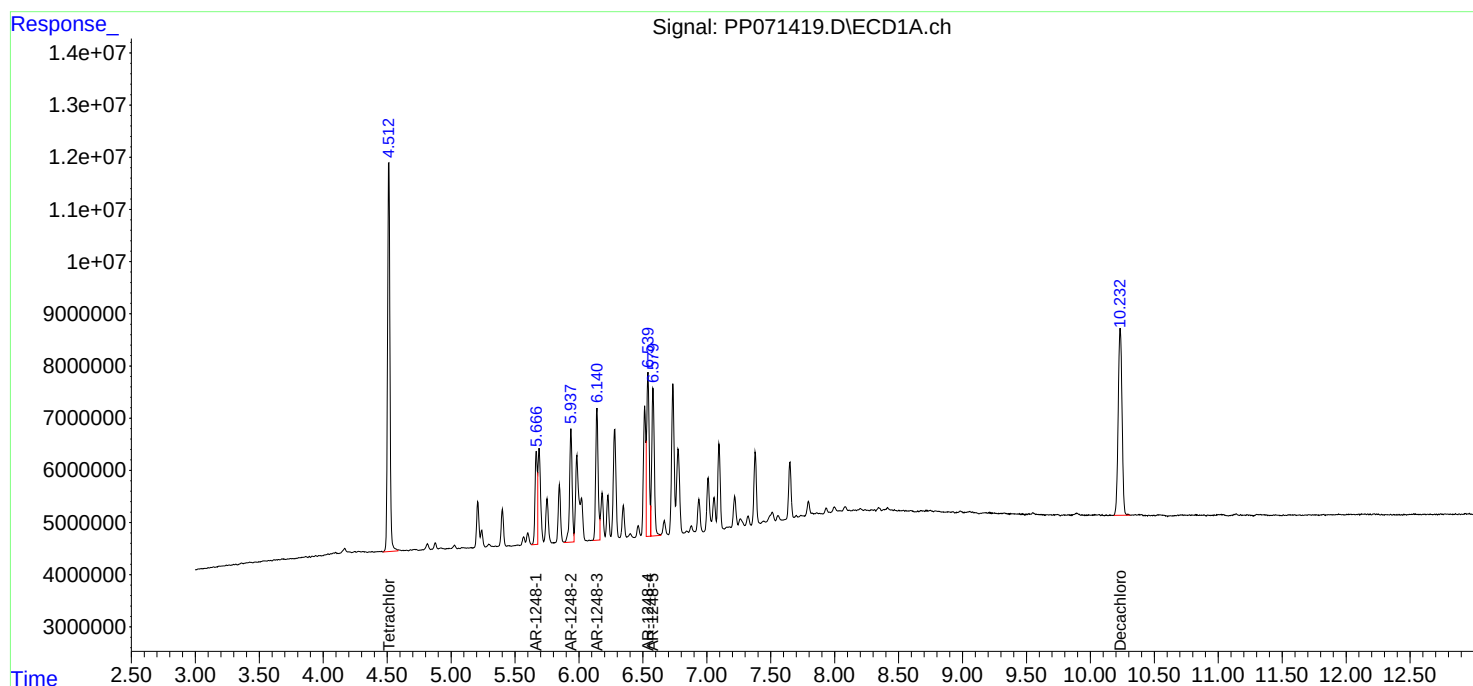


Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
Data File : PP071419.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Apr 2025 19:27  
Operator : YP\AJ  
Sample : AR1248ICV500  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP042225AR1248

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 01 07:42:53 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Apr 23 05:02:06 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
 Data File : PP071420.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Apr 2025 19:43  
 Operator : YP\AJ  
 Sample : AR1254ICV500  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 ICVPP042225AR1254

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 23 01:28:28 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Apr 22 19:27:22 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.513  | 3.813 | 98111190 | 74345146 | 50.931  | 50.716  |
| 2) SA Decachlor...          | 10.232 | 8.849 | 73988546 | 45066273 | 50.788  | 50.509  |
| Target Compounds            |        |       |          |          |         |         |
| 26) L6 AR-1254-1            | 6.517  | 5.702 | 41728109 | 42206013 | 509.183 | 461.771 |
| 27) L6 AR-1254-2            | 6.733  | 5.850 | 64122746 | 35938664 | 504.601 | 456.583 |
| 28) L6 AR-1254-3            | 7.097  | 6.254 | 64574948 | 56055056 | 505.381 | 473.005 |
| 29) L6 AR-1254-4            | 7.379  | 6.482 | 58986526 | 36616929 | 501.956 | 474.524 |
| 30) L6 AR-1254-5            | 7.796  | 6.900 | 55244441 | 47442452 | 512.803 | 467.562 |
| -----                       |        |       |          |          |         |         |

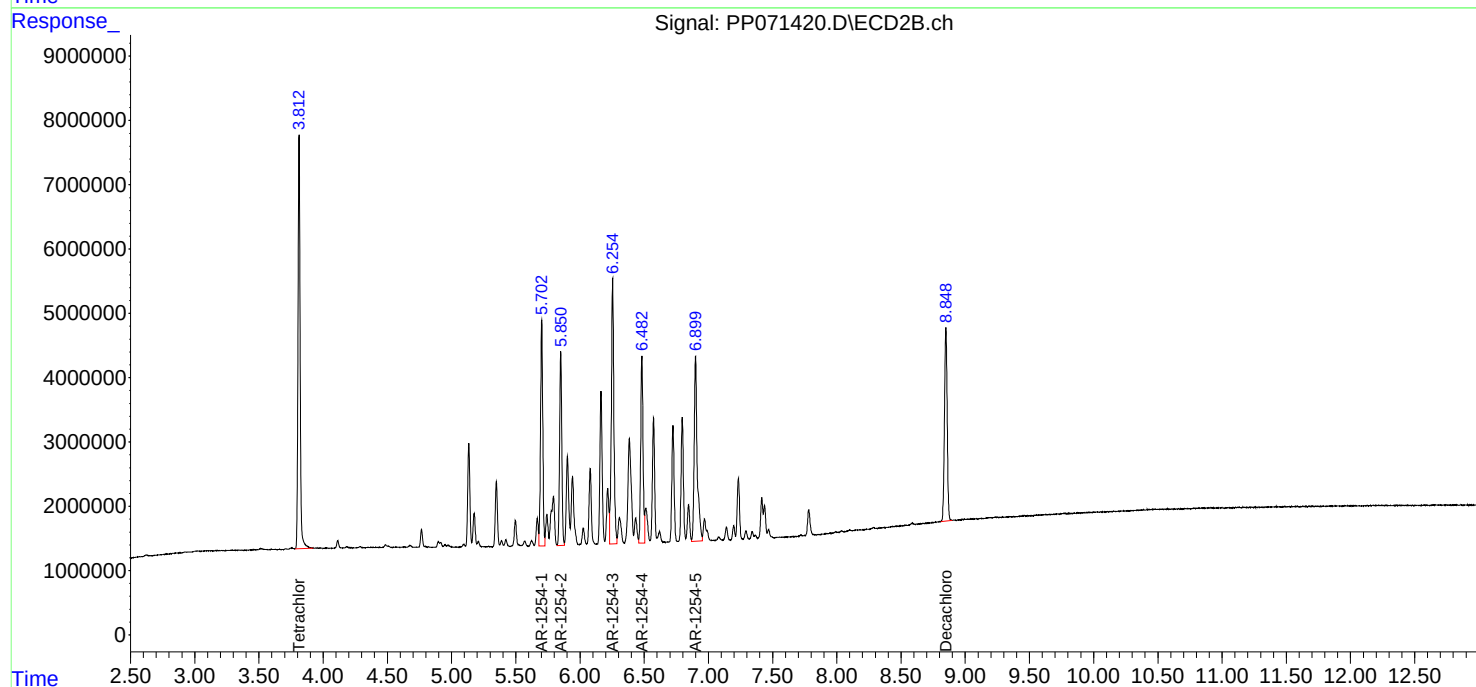
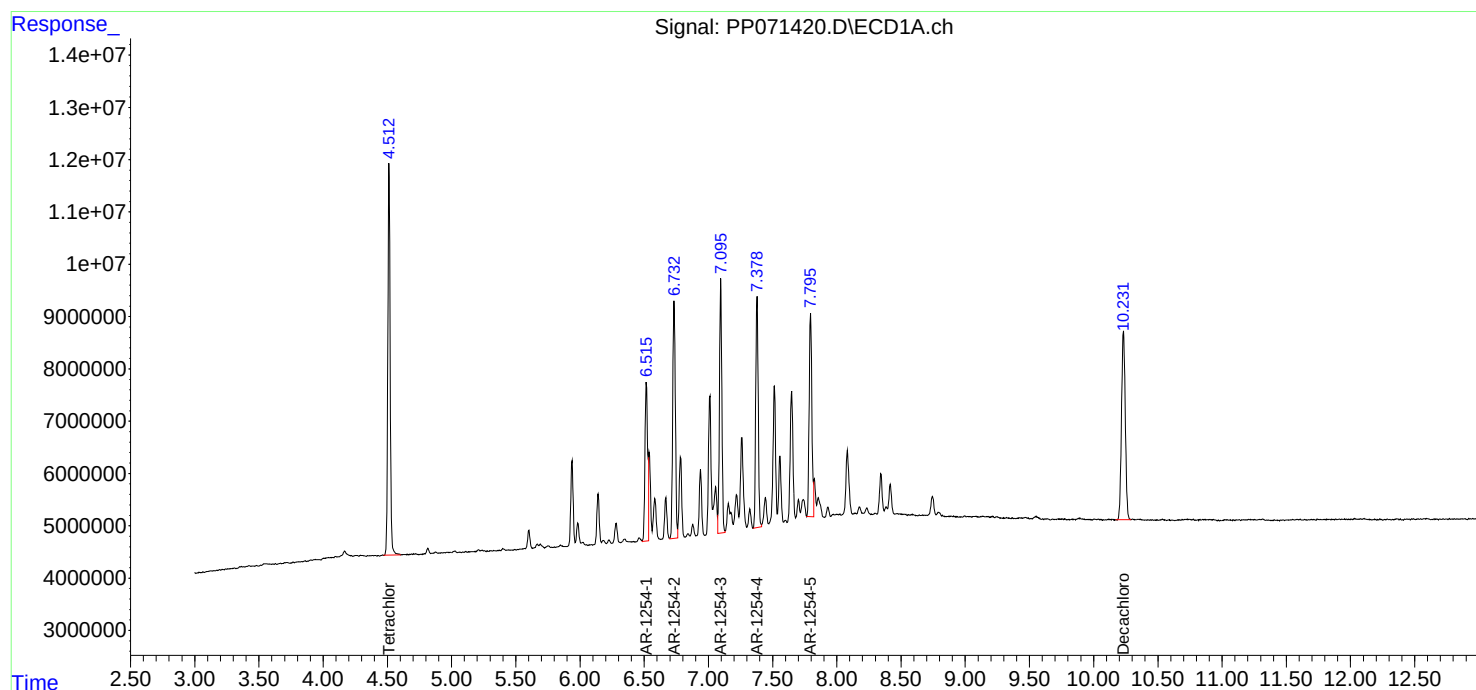
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
Data File : PP071420.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Apr 2025 19:43  
Operator : YP\AJ  
Sample : AR1254ICV500  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP042225AR1254

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 23 01:28:28 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Apr 22 19:27:22 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
 Data File : PP071421.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Apr 2025 20:16  
 Operator : YP\AJ  
 Sample : AR1268ICV500  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 ICVPP042225AR1268

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 04/23/2025  
 Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 23 04:47:52 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Apr 23 04:41:50 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|--------|-------|----------|----------|---------|----------|
| -----                       |        |       |          |          |         |          |
| System Monitoring Compounds |        |       |          |          |         |          |
| 1) SA Tetrachlo...          | 4.516  | 3.814 | 98428428 | 75098106 | 49.661  | 51.289   |
| 2) SA Decachlor...          | 10.234 | 8.850 | 131.8E6  | 79464849 | 49.365  | 49.579   |
| Target Compounds            |        |       |          |          |         |          |
| 41) L9 AR-1268-1            | 8.733  | 7.722 | 157.9E6  | 98709054 | 493.783 | 486.283m |
| 42) L9 AR-1268-2            | 8.827  | 7.788 | 132.3E6  | 84218105 | 493.704 | 487.500  |
| 43) L9 AR-1268-3            | 9.058  | 7.992 | 112.3E6  | 69254815 | 498.379 | 484.016  |
| 44) L9 AR-1268-4            | 9.477  | 8.286 | 48904008 | 30724632 | 493.945 | 483.689  |
| 45) L9 AR-1268-5            | 9.894  | 8.588 | 309.0E6  | 189.8E6  | 497.455 | 492.818  |
| -----                       |        |       |          |          |         |          |

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
Data File : PP071421.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Apr 2025 20:16  
Operator : YP\AJ  
Sample : AR1268ICV500  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

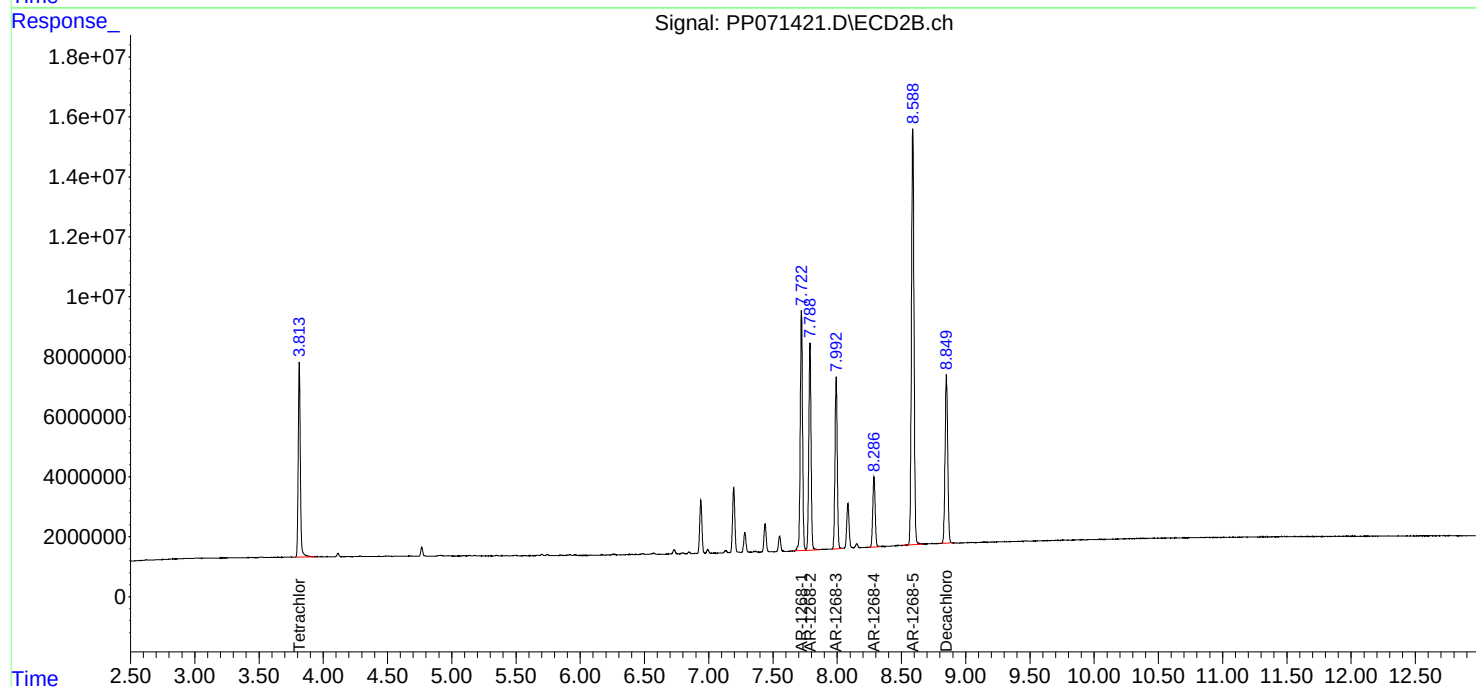
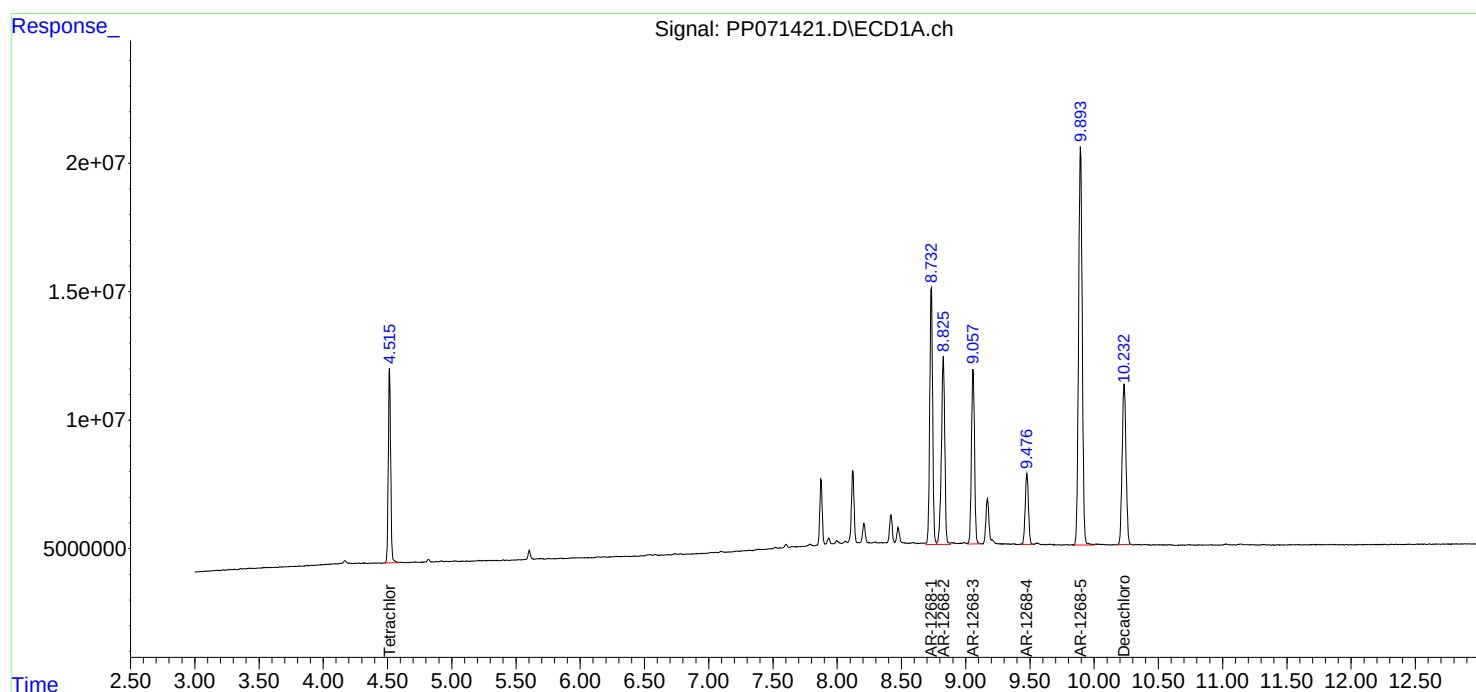
Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP042225AR1268

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 04/23/2025  
Supervised By :mohammad ahmed 04/24/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 23 04:47:52 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Apr 23 04:41:50 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm





284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1901 SAS No.: Q1901 SDG NO.: Q1901

Continuing Calib Date: 04/29/2025 Initial Calibration Date(s): 04/10/2025 04/10/2025

Continuing Calib Time: 09:24 Initial Calibration Time(s): 09:36 17:52

GC Column: ZB-MR1 ID: 0.32 (mm)

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|------|------------|
|                      |     |            |           | FROM      | TO   |            |
| Aroclor-1016-1       | (1) | 4.78       | 4.78      | 4.68      | 4.88 | 0.00       |
| Aroclor-1016-2       | (2) | 4.80       | 4.80      | 4.70      | 4.90 | 0.00       |
| Aroclor-1016-3       | (3) | 4.85       | 4.86      | 4.76      | 4.96 | 0.01       |
| Aroclor-1016-4       | (4) | 4.97       | 4.98      | 4.88      | 5.08 | 0.01       |
| Aroclor-1016-5       | (5) | 5.23       | 5.23      | 5.13      | 5.33 | 0.00       |
| Aroclor-1260-1       | (1) | 6.27       | 6.27      | 6.17      | 6.37 | 0.00       |
| Aroclor-1260-2       | (2) | 6.46       | 6.46      | 6.36      | 6.56 | 0.00       |
| Aroclor-1260-3       | (3) | 6.82       | 6.83      | 6.73      | 6.93 | 0.01       |
| Aroclor-1260-4       | (4) | 7.09       | 7.09      | 6.99      | 7.19 | 0.00       |
| Aroclor-1260-5       | (5) | 7.33       | 7.33      | 7.23      | 7.43 | 0.00       |
| Tetrachloro-m-xylene |     | 3.69       | 3.69      | 3.59      | 3.79 | 0.00       |
| Decachlorobiphenyl   |     | 8.73       | 8.73      | 8.63      | 8.83 | 0.00       |



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1901 SAS No.: Q1901 SDG NO.: Q1901

Continuing Calib Date: 04/29/2025 Initial Calibration Date(s): 04/10/2025 04/10/2025

Continuing Calib Time: 09:24 Initial Calibration Time(s): 09:36 17:52

GC Column: ZB-MR2 ID: 0.32 (mm)

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|------|------------|
|                      |     |            |           | FROM      | TO   |            |
| Aroclor-1016-1       | (1) | 4.76       | 4.77      | 4.67      | 4.87 | 0.01       |
| Aroclor-1016-2       | (2) | 4.78       | 4.78      | 4.68      | 4.88 | 0.00       |
| Aroclor-1016-3       | (3) | 4.96       | 4.96      | 4.86      | 5.06 | 0.00       |
| Aroclor-1016-4       | (4) | 5.00       | 5.00      | 4.90      | 5.10 | 0.00       |
| Aroclor-1016-5       | (5) | 5.21       | 5.22      | 5.12      | 5.32 | 0.01       |
| Aroclor-1260-1       | (1) | 6.24       | 6.25      | 6.15      | 6.35 | 0.01       |
| Aroclor-1260-2       | (2) | 6.43       | 6.43      | 6.33      | 6.53 | 0.00       |
| Aroclor-1260-3       | (3) | 6.58       | 6.59      | 6.49      | 6.69 | 0.01       |
| Aroclor-1260-4       | (4) | 7.05       | 7.06      | 6.96      | 7.16 | 0.01       |
| Aroclor-1260-5       | (5) | 7.29       | 7.30      | 7.20      | 7.40 | 0.01       |
| Tetrachloro-m-xylene |     | 3.68       | 3.69      | 3.59      | 3.79 | 0.01       |
| Decachlorobiphenyl   |     | 8.68       | 8.68      | 8.58      | 8.78 | 0.00       |



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1901 SAS No.: Q1901 SDG NO.: Q1901

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/10/2025 04/10/2025

Client Sample No.: CCAL01 Date Analyzed: 04/29/2025

Lab Sample No.: AR1660CCC500 Data File : PO110846.D Time Analyzed: 09:24

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| Aroclor-1016-1       | 4.775 | 4.679     | 4.879 | 554.440            | 500.000           | 10.9 |
| Aroclor-1016-2       | 4.795 | 4.698     | 4.898 | 558.040            | 500.000           | 11.6 |
| Aroclor-1016-3       | 4.851 | 4.755     | 4.955 | 542.460            | 500.000           | 8.5  |
| Aroclor-1016-4       | 4.971 | 4.875     | 5.075 | 553.630            | 500.000           | 10.7 |
| Aroclor-1016-5       | 5.228 | 5.132     | 5.332 | 543.180            | 500.000           | 8.6  |
| Aroclor-1260-1       | 6.268 | 6.172     | 6.372 | 535.720            | 500.000           | 7.1  |
| Aroclor-1260-2       | 6.457 | 6.360     | 6.560 | 519.830            | 500.000           | 4.0  |
| Aroclor-1260-3       | 6.824 | 6.729     | 6.929 | 522.530            | 500.000           | 4.5  |
| Aroclor-1260-4       | 7.085 | 6.988     | 7.188 | 513.390            | 500.000           | 2.7  |
| Aroclor-1260-5       | 7.326 | 7.230     | 7.430 | 515.480            | 500.000           | 3.1  |
| Decachlorobiphenyl   | 8.727 | 8.632     | 8.832 | 47.400             | 50.000            | -5.2 |
| Tetrachloro-m-xylene | 3.686 | 3.588     | 3.788 | 56.210             | 50.000            | 12.4 |





284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1901 SAS No.: Q1901 SDG NO.: Q1901

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/10/2025 04/10/2025

Client Sample No.: CCAL01 Date Analyzed: 04/29/2025

Lab Sample No.: AR1660CCC500 Data File : PO110846.D Time Analyzed: 09:24

| COMPOUND             | RT    | RT WINDOW<br>FROM TO |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|----------------------|-------|--------------------|-------------------|------|
| Aroclor-1016-1       | 4.762 | 4.666                | 4.866 | 520.260            | 500.000           | 4.1  |
| Aroclor-1016-2       | 4.781 | 4.684                | 4.884 | 519.530            | 500.000           | 3.9  |
| Aroclor-1016-3       | 4.956 | 4.860                | 5.060 | 502.490            | 500.000           | 0.5  |
| Aroclor-1016-4       | 4.998 | 4.902                | 5.102 | 493.190            | 500.000           | -1.4 |
| Aroclor-1016-5       | 5.211 | 5.115                | 5.315 | 490.700            | 500.000           | -1.9 |
| Aroclor-1260-1       | 6.242 | 6.146                | 6.346 | 492.670            | 500.000           | -1.5 |
| Aroclor-1260-2       | 6.430 | 6.334                | 6.534 | 484.910            | 500.000           | -3.0 |
| Aroclor-1260-3       | 6.582 | 6.487                | 6.687 | 480.540            | 500.000           | -3.9 |
| Aroclor-1260-4       | 7.053 | 6.957                | 7.157 | 480.890            | 500.000           | -3.8 |
| Aroclor-1260-5       | 7.294 | 7.197                | 7.397 | 482.240            | 500.000           | -3.6 |
| Decachlorobiphenyl   | 8.679 | 8.584                | 8.784 | 46.500             | 50.000            | -7.0 |
| Tetrachloro-m-xylene | 3.683 | 3.586                | 3.786 | 53.130             | 50.000            | 6.3  |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0042925\  
 Data File : PO110846.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Apr 2025 09:24  
 Operator : YP/AJ  
 Sample : AR1660CCC500  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1660CCC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 30 02:21:06 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0041025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Apr 11 02:12:41 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|---------|----------|---------|---------|
| -----                       |       |       |         |          |         |         |
| System Monitoring Compounds |       |       |         |          |         |         |
| 1) SA Tetrachlo...          | 3.686 | 3.683 | 491.8E6 | 265.1E6  | 56.209  | 53.129  |
| 2) SA Decachlor...          | 8.727 | 8.679 | 374.2E6 | 89516389 | 47.402  | 46.502  |
| Target Compounds            |       |       |         |          |         |         |
| 3) L1 AR-1016-1             | 4.775 | 4.762 | 181.9E6 | 91310307 | 554.436 | 520.258 |
| 4) L1 AR-1016-2             | 4.795 | 4.781 | 253.9E6 | 130.6E6  | 558.043 | 519.530 |
| 5) L1 AR-1016-3             | 4.851 | 4.956 | 175.0E6 | 68193575 | 542.456 | 502.491 |
| 6) L1 AR-1016-4             | 4.971 | 4.998 | 137.9E6 | 56404722 | 553.628 | 493.187 |
| 7) L1 AR-1016-5             | 5.228 | 5.211 | 146.1E6 | 73150003 | 543.178 | 490.696 |
| 31) L7 AR-1260-1            | 6.268 | 6.242 | 253.1E6 | 121.2E6  | 535.716 | 492.669 |
| 32) L7 AR-1260-2            | 6.457 | 6.430 | 304.8E6 | 141.5E6  | 519.834 | 484.907 |
| 33) L7 AR-1260-3            | 6.824 | 6.582 | 257.5E6 | 130.2E6  | 522.531 | 480.536 |
| 34) L7 AR-1260-4            | 7.085 | 7.053 | 217.9E6 | 96484957 | 513.388 | 480.886 |
| 35) L7 AR-1260-5            | 7.326 | 7.294 | 537.9E6 | 221.3E6  | 515.484 | 482.241 |
| -----                       |       |       |         |          |         |         |

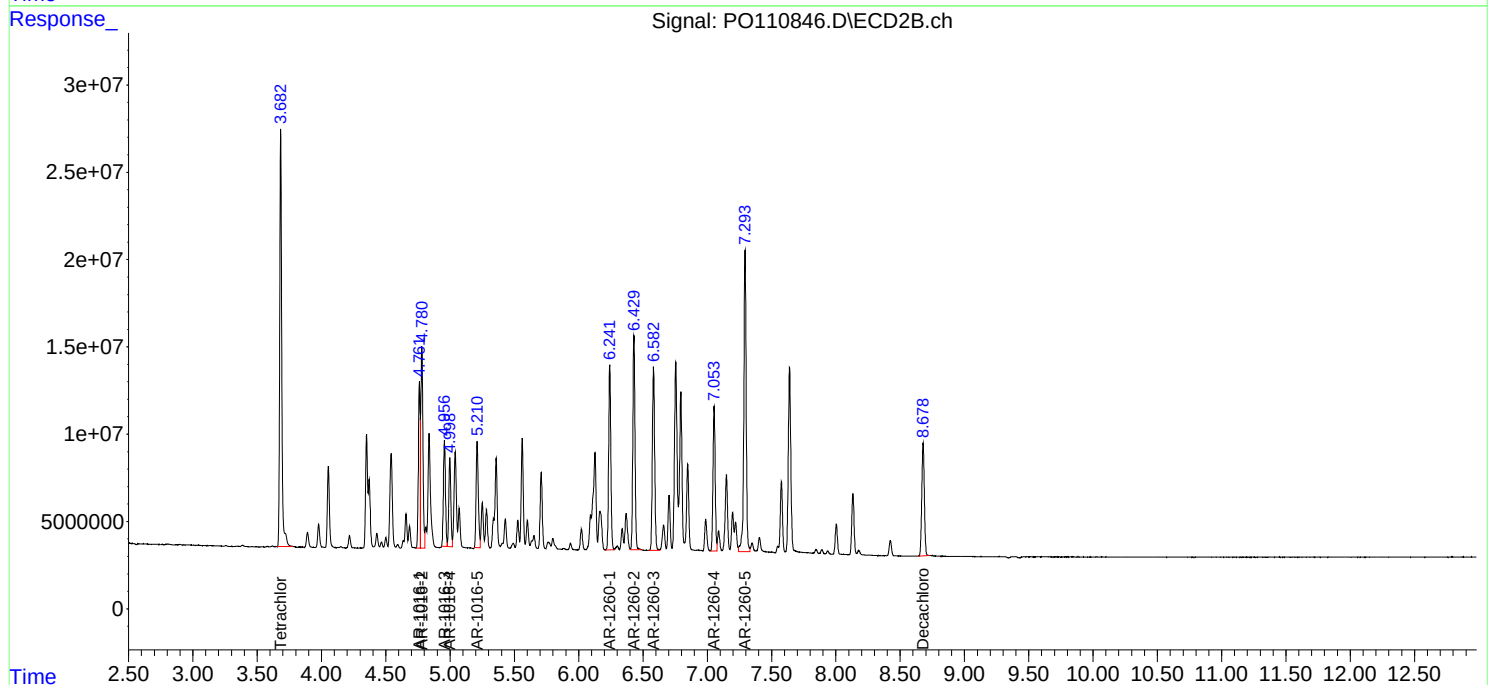
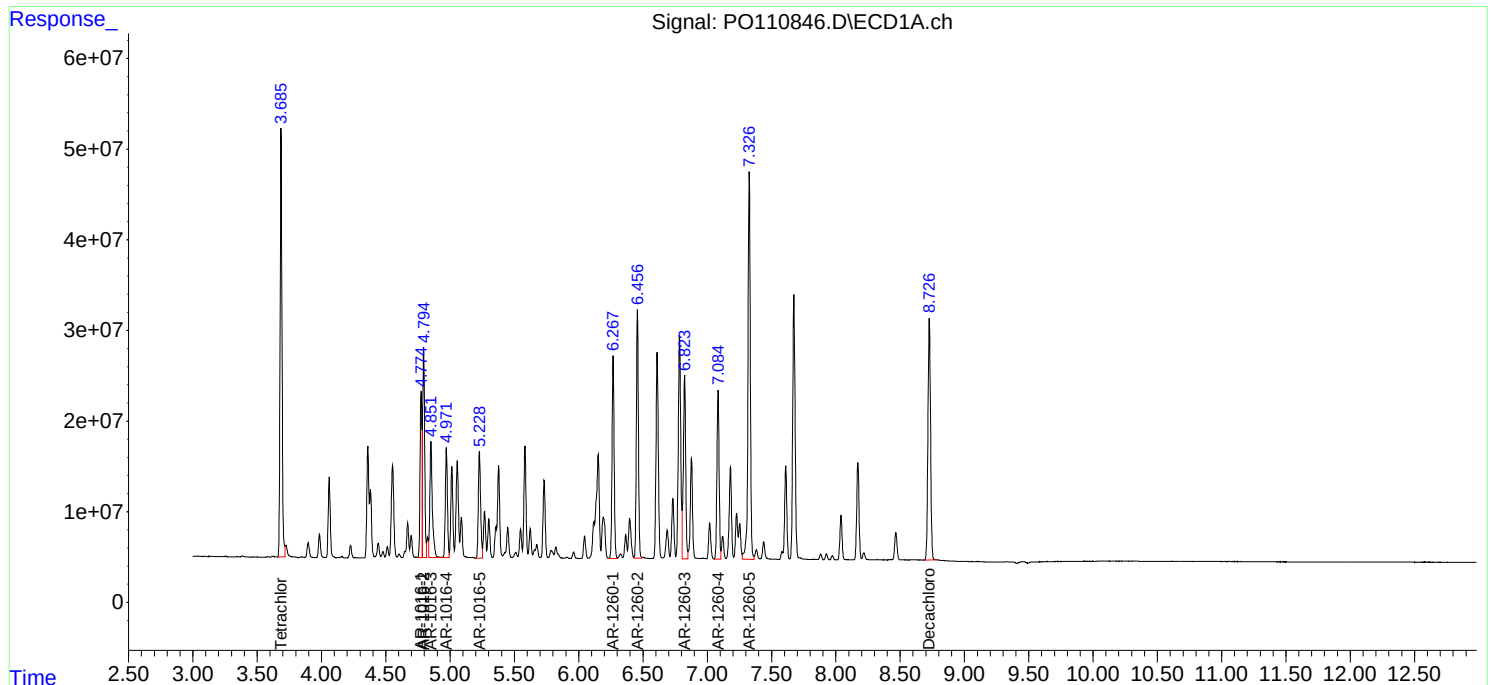
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO042925\  
Data File : PO110846.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Apr 2025 09:24  
Operator : YP/AJ  
Sample : AR1660CCC500  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 30 02:21:06 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO041025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Apr 11 02:12:41 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1901 SAS No.: Q1901 SDG NO.: Q1901

Continuing Calib Date: 04/29/2025 Initial Calibration Date(s): 04/10/2025 04/10/2025

Continuing Calib Time: 15:58 Initial Calibration Time(s): 09:36 17:52

GC Column: ZB-MR1 ID: 0.32 (mm)

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|------|------------|
|                      |     |            |           | FROM      | TO   |            |
| Aroclor-1016-1       | (1) | 4.78       | 4.78      | 4.68      | 4.88 | 0.00       |
| Aroclor-1016-2       | (2) | 4.80       | 4.80      | 4.70      | 4.90 | 0.00       |
| Aroclor-1016-3       | (3) | 4.85       | 4.86      | 4.76      | 4.96 | 0.01       |
| Aroclor-1016-4       | (4) | 4.97       | 4.98      | 4.88      | 5.08 | 0.01       |
| Aroclor-1016-5       | (5) | 5.23       | 5.23      | 5.13      | 5.33 | 0.00       |
| Aroclor-1260-1       | (1) | 6.27       | 6.27      | 6.17      | 6.37 | 0.00       |
| Aroclor-1260-2       | (2) | 6.46       | 6.46      | 6.36      | 6.56 | 0.00       |
| Aroclor-1260-3       | (3) | 6.83       | 6.83      | 6.73      | 6.93 | 0.01       |
| Aroclor-1260-4       | (4) | 7.08       | 7.09      | 6.99      | 7.19 | 0.01       |
| Aroclor-1260-5       | (5) | 7.33       | 7.33      | 7.23      | 7.43 | 0.00       |
| Tetrachloro-m-xylene |     | 3.69       | 3.69      | 3.59      | 3.79 | 0.00       |
| Decachlorobiphenyl   |     | 8.73       | 8.73      | 8.63      | 8.83 | 0.00       |



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1901 SAS No.: Q1901 SDG NO.: Q1901

Continuing Calib Date: 04/29/2025 Initial Calibration Date(s): 04/10/2025 04/10/2025

Continuing Calib Time: 15:58 Initial Calibration Time(s): 09:36 17:52

GC Column: ZB-MR2 ID: 0.32 (mm)

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|------|------------|
|                      |     |            |           | FROM      | TO   |            |
| Aroclor-1016-1       | (1) | 4.76       | 4.77      | 4.67      | 4.87 | 0.01       |
| Aroclor-1016-2       | (2) | 4.78       | 4.78      | 4.68      | 4.88 | 0.00       |
| Aroclor-1016-3       | (3) | 4.96       | 4.96      | 4.86      | 5.06 | 0.00       |
| Aroclor-1016-4       | (4) | 5.00       | 5.00      | 4.90      | 5.10 | 0.00       |
| Aroclor-1016-5       | (5) | 5.21       | 5.22      | 5.12      | 5.32 | 0.01       |
| Aroclor-1260-1       | (1) | 6.24       | 6.25      | 6.15      | 6.35 | 0.01       |
| Aroclor-1260-2       | (2) | 6.43       | 6.43      | 6.33      | 6.53 | 0.00       |
| Aroclor-1260-3       | (3) | 6.58       | 6.59      | 6.49      | 6.69 | 0.01       |
| Aroclor-1260-4       | (4) | 7.05       | 7.06      | 6.96      | 7.16 | 0.01       |
| Aroclor-1260-5       | (5) | 7.29       | 7.30      | 7.20      | 7.40 | 0.01       |
| Tetrachloro-m-xylene |     | 3.68       | 3.69      | 3.59      | 3.79 | 0.01       |
| Decachlorobiphenyl   |     | 8.68       | 8.68      | 8.58      | 8.78 | 0.00       |



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1901 SAS No.: Q1901 SDG NO.: Q1901

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/10/2025 04/10/2025

Client Sample No.: CCAL02 Date Analyzed: 04/29/2025

Lab Sample No.: AR1660CCC500 Data File : PO110861.D Time Analyzed: 15:58

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| Aroclor-1016-1       | 4.776 | 4.679     | 4.879 | 567.510            | 500.000           | 13.5 |
| Aroclor-1016-2       | 4.795 | 4.698     | 4.898 | 567.550            | 500.000           | 13.5 |
| Aroclor-1016-3       | 4.851 | 4.755     | 4.955 | 552.160            | 500.000           | 10.4 |
| Aroclor-1016-4       | 4.972 | 4.875     | 5.075 | 566.160            | 500.000           | 13.2 |
| Aroclor-1016-5       | 5.229 | 5.132     | 5.332 | 568.900            | 500.000           | 13.8 |
| Aroclor-1260-1       | 6.268 | 6.172     | 6.372 | 552.510            | 500.000           | 10.5 |
| Aroclor-1260-2       | 6.457 | 6.360     | 6.560 | 540.900            | 500.000           | 8.2  |
| Aroclor-1260-3       | 6.825 | 6.729     | 6.929 | 541.450            | 500.000           | 8.3  |
| Aroclor-1260-4       | 7.084 | 6.988     | 7.188 | 532.720            | 500.000           | 6.5  |
| Aroclor-1260-5       | 7.327 | 7.230     | 7.430 | 535.700            | 500.000           | 7.1  |
| Decachlorobiphenyl   | 8.728 | 8.632     | 8.832 | 49.210             | 50.000            | -1.6 |
| Tetrachloro-m-xylene | 3.686 | 3.588     | 3.788 | 57.430             | 50.000            | 14.9 |



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1901 SAS No.: Q1901 SDG NO.: Q1901

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/10/2025 04/10/2025

Client Sample No.: CCAL02 Date Analyzed: 04/29/2025

Lab Sample No.: AR1660CCC500 Data File : PO110861.D Time Analyzed: 15:58

| COMPOUND             | RT    | RT WINDOW<br>FROM TO |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|----------------------|-------|--------------------|-------------------|------|
| Aroclor-1016-1       | 4.763 | 4.666                | 4.866 | 533.100            | 500.000           | 6.6  |
| Aroclor-1016-2       | 4.781 | 4.684                | 4.884 | 531.290            | 500.000           | 6.3  |
| Aroclor-1016-3       | 4.956 | 4.860                | 5.060 | 513.330            | 500.000           | 2.7  |
| Aroclor-1016-4       | 4.998 | 4.902                | 5.102 | 496.070            | 500.000           | -0.8 |
| Aroclor-1016-5       | 5.211 | 5.115                | 5.315 | 510.550            | 500.000           | 2.1  |
| Aroclor-1260-1       | 6.242 | 6.146                | 6.346 | 502.200            | 500.000           | 0.4  |
| Aroclor-1260-2       | 6.429 | 6.334                | 6.534 | 495.650            | 500.000           | -0.9 |
| Aroclor-1260-3       | 6.582 | 6.487                | 6.687 | 487.880            | 500.000           | -2.4 |
| Aroclor-1260-4       | 7.053 | 6.957                | 7.157 | 485.750            | 500.000           | -2.9 |
| Aroclor-1260-5       | 7.294 | 7.197                | 7.397 | 488.550            | 500.000           | -2.3 |
| Decachlorobiphenyl   | 8.679 | 8.584                | 8.784 | 46.590             | 50.000            | -6.8 |
| Tetrachloro-m-xylene | 3.683 | 3.586                | 3.786 | 54.630             | 50.000            | 9.3  |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0042925\  
 Data File : PO110861.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Apr 2025 15:58  
 Operator : YP/AJ  
 Sample : AR1660CCC500  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1660CCC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 30 02:26:07 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0041025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Apr 11 02:12:41 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|---------|----------|---------|---------|
| -----                       |       |       |         |          |         |         |
| System Monitoring Compounds |       |       |         |          |         |         |
| 1) SA Tetrachlo...          | 3.686 | 3.683 | 502.5E6 | 272.6E6  | 57.434  | 54.630  |
| 2) SA Decachlor...          | 8.728 | 8.679 | 388.5E6 | 89691972 | 49.213  | 46.593  |
| Target Compounds            |       |       |         |          |         |         |
| 3) L1 AR-1016-1             | 4.776 | 4.763 | 186.2E6 | 93564868 | 567.510 | 533.104 |
| 4) L1 AR-1016-2             | 4.795 | 4.781 | 258.2E6 | 133.6E6  | 567.553 | 531.286 |
| 5) L1 AR-1016-3             | 4.851 | 4.956 | 178.1E6 | 69663894 | 552.164 | 513.326 |
| 6) L1 AR-1016-4             | 4.972 | 4.998 | 141.1E6 | 56734615 | 566.157 | 496.071 |
| 7) L1 AR-1016-5             | 5.229 | 5.211 | 153.0E6 | 76109735 | 568.905 | 510.550 |
| 31) L7 AR-1260-1            | 6.268 | 6.242 | 261.0E6 | 123.5E6  | 552.508 | 502.198 |
| 32) L7 AR-1260-2            | 6.457 | 6.429 | 317.2E6 | 144.6E6  | 540.898 | 495.646 |
| 33) L7 AR-1260-3            | 6.825 | 6.582 | 266.9E6 | 132.2E6  | 541.450 | 487.884 |
| 34) L7 AR-1260-4            | 7.084 | 7.053 | 226.1E6 | 97461414 | 532.723 | 485.753 |
| 35) L7 AR-1260-5            | 7.327 | 7.294 | 559.0E6 | 224.2E6  | 535.705 | 488.553 |
| -----                       |       |       |         |          |         |         |

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

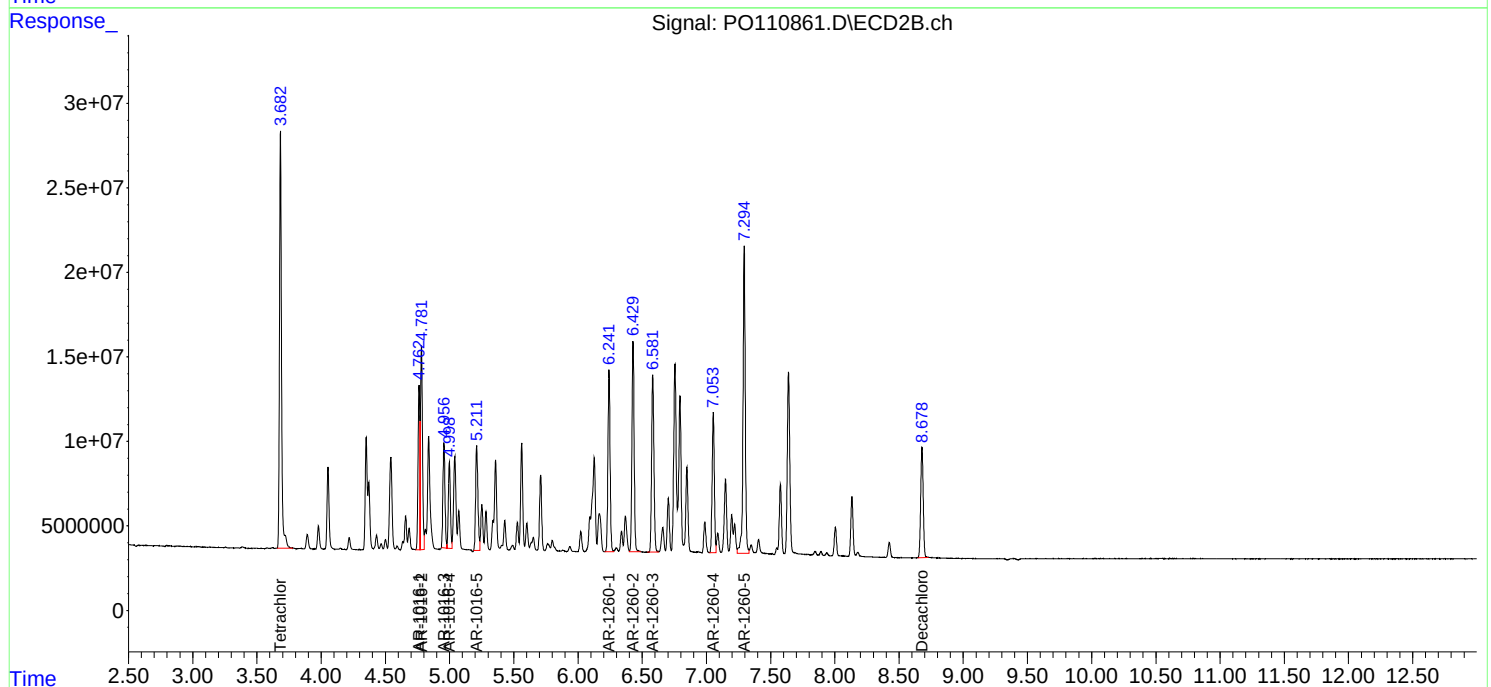
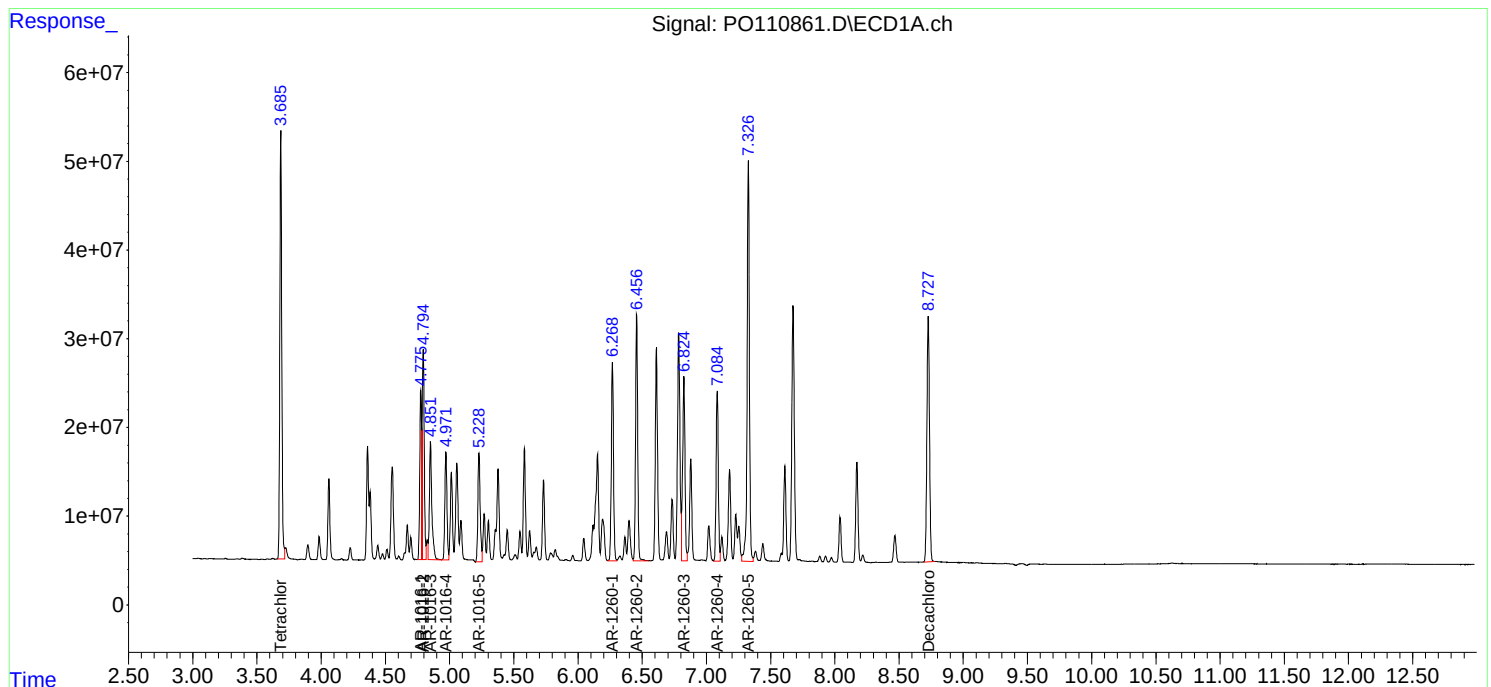


Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO042925\  
Data File : PO110861.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Apr 2025 15:58  
Operator : YP/AJ  
Sample : AR1660CCC500  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 30 02:26:07 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO041025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Apr 11 02:12:41 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1901 SAS No.: Q1901 SDG NO.: Q1901

Continuing Calib Date: 04/29/2025 Initial Calibration Date(s): 04/10/2025 04/10/2025

Continuing Calib Time: 22:00 Initial Calibration Time(s): 09:36 17:52

GC Column: ZB-MR1 ID: 0.32 (mm)

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|------|------------|
|                      |     |            |           | FROM      | TO   |            |
| Aroclor-1016-1       | (1) | 4.78       | 4.78      | 4.68      | 4.88 | 0.00       |
| Aroclor-1016-2       | (2) | 4.80       | 4.80      | 4.70      | 4.90 | 0.00       |
| Aroclor-1016-3       | (3) | 4.85       | 4.86      | 4.76      | 4.96 | 0.01       |
| Aroclor-1016-4       | (4) | 4.97       | 4.98      | 4.88      | 5.08 | 0.01       |
| Aroclor-1016-5       | (5) | 5.23       | 5.23      | 5.13      | 5.33 | 0.00       |
| Aroclor-1260-1       | (1) | 6.27       | 6.27      | 6.17      | 6.37 | 0.00       |
| Aroclor-1260-2       | (2) | 6.46       | 6.46      | 6.36      | 6.56 | 0.00       |
| Aroclor-1260-3       | (3) | 6.83       | 6.83      | 6.73      | 6.93 | 0.01       |
| Aroclor-1260-4       | (4) | 7.09       | 7.09      | 6.99      | 7.19 | 0.00       |
| Aroclor-1260-5       | (5) | 7.33       | 7.33      | 7.23      | 7.43 | 0.00       |
| Tetrachloro-m-xylene |     | 3.69       | 3.69      | 3.59      | 3.79 | 0.00       |
| Decachlorobiphenyl   |     | 8.73       | 8.73      | 8.63      | 8.83 | 0.00       |



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1901 SAS No.: Q1901 SDG NO.: Q1901

Continuing Calib Date: 04/29/2025 Initial Calibration Date(s): 04/10/2025 04/10/2025

Continuing Calib Time: 22:00 Initial Calibration Time(s): 09:36 17:52

GC Column: ZB-MR2 ID: 0.32 (mm)

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW<br>FROM   TO |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|------------------------|------|------------|
| Aroclor-1016-1       | (1) | 4.76       | 4.77      | 4.67                   | 4.87 | 0.01       |
| Aroclor-1016-2       | (2) | 4.78       | 4.78      | 4.68                   | 4.88 | 0.00       |
| Aroclor-1016-3       | (3) | 4.96       | 4.96      | 4.86                   | 5.06 | 0.00       |
| Aroclor-1016-4       | (4) | 5.00       | 5.00      | 4.90                   | 5.10 | 0.00       |
| Aroclor-1016-5       | (5) | 5.21       | 5.22      | 5.12                   | 5.32 | 0.01       |
| Aroclor-1260-1       | (1) | 6.24       | 6.25      | 6.15                   | 6.35 | 0.01       |
| Aroclor-1260-2       | (2) | 6.43       | 6.43      | 6.33                   | 6.53 | 0.00       |
| Aroclor-1260-3       | (3) | 6.58       | 6.59      | 6.49                   | 6.69 | 0.01       |
| Aroclor-1260-4       | (4) | 7.05       | 7.06      | 6.96                   | 7.16 | 0.01       |
| Aroclor-1260-5       | (5) | 7.30       | 7.30      | 7.20                   | 7.40 | 0.00       |
| Tetrachloro-m-xylene |     | 3.68       | 3.69      | 3.59                   | 3.79 | 0.01       |
| Decachlorobiphenyl   |     | 8.68       | 8.68      | 8.58                   | 8.78 | 0.00       |



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1901 SAS No.: Q1901 SDG NO.: Q1901

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/10/2025 04/10/2025

Client Sample No.: CCAL03 Date Analyzed: 04/29/2025

Lab Sample No.: AR1660CCC500 Data File : PO110876.D Time Analyzed: 22:00

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| Aroclor-1016-1       | 4.776 | 4.679     | 4.879 | 557.860            | 500.000           | 11.6 |
| Aroclor-1016-2       | 4.795 | 4.698     | 4.898 | 559.810            | 500.000           | 12.0 |
| Aroclor-1016-3       | 4.851 | 4.755     | 4.955 | 538.720            | 500.000           | 7.7  |
| Aroclor-1016-4       | 4.971 | 4.875     | 5.075 | 545.640            | 500.000           | 9.1  |
| Aroclor-1016-5       | 5.229 | 5.132     | 5.332 | 551.180            | 500.000           | 10.2 |
| Aroclor-1260-1       | 6.269 | 6.172     | 6.372 | 518.480            | 500.000           | 3.7  |
| Aroclor-1260-2       | 6.457 | 6.360     | 6.560 | 510.870            | 500.000           | 2.2  |
| Aroclor-1260-3       | 6.825 | 6.729     | 6.929 | 503.660            | 500.000           | 0.7  |
| Aroclor-1260-4       | 7.085 | 6.988     | 7.188 | 490.870            | 500.000           | -1.8 |
| Aroclor-1260-5       | 7.327 | 7.230     | 7.430 | 489.900            | 500.000           | -2.0 |
| Decachlorobiphenyl   | 8.728 | 8.632     | 8.832 | 45.530             | 50.000            | -8.9 |
| Tetrachloro-m-xylene | 3.686 | 3.588     | 3.788 | 57.090             | 50.000            | 14.2 |



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1901 SAS No.: Q1901 SDG NO.: Q1901

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/10/2025 04/10/2025

Client Sample No.: CCAL03 Date Analyzed: 04/29/2025

Lab Sample No.: AR1660CCC500 Data File : PO110876.D Time Analyzed: 22:00

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| Aroclor-1016-1       | 4.762 | 4.666     | 4.866 | 524.970            | 500.000           | 5.0   |
| Aroclor-1016-2       | 4.781 | 4.684     | 4.884 | 531.970            | 500.000           | 6.4   |
| Aroclor-1016-3       | 4.957 | 4.860     | 5.060 | 500.250            | 500.000           | 0.1   |
| Aroclor-1016-4       | 4.998 | 4.902     | 5.102 | 481.510            | 500.000           | -3.7  |
| Aroclor-1016-5       | 5.211 | 5.115     | 5.315 | 505.850            | 500.000           | 1.2   |
| Aroclor-1260-1       | 6.243 | 6.146     | 6.346 | 482.790            | 500.000           | -3.4  |
| Aroclor-1260-2       | 6.431 | 6.334     | 6.534 | 475.660            | 500.000           | -4.9  |
| Aroclor-1260-3       | 6.583 | 6.487     | 6.687 | 468.070            | 500.000           | -6.4  |
| Aroclor-1260-4       | 7.054 | 6.957     | 7.157 | 461.140            | 500.000           | -7.8  |
| Aroclor-1260-5       | 7.295 | 7.197     | 7.397 | 461.730            | 500.000           | -7.7  |
| Decachlorobiphenyl   | 8.680 | 8.584     | 8.784 | 44.710             | 50.000            | -10.6 |
| Tetrachloro-m-xylene | 3.683 | 3.586     | 3.786 | 54.470             | 50.000            | 8.9   |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0042925\  
 Data File : PO110876.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Apr 2025 22:00  
 Operator : YP/AJ  
 Sample : AR1660CCC500  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 AR1660CCC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 30 02:30:19 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0041025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Apr 11 02:12:41 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|---------|----------|---------|---------|
| -----                       |       |       |         |          |         |         |
| System Monitoring Compounds |       |       |         |          |         |         |
| 1) SA Tetrachlo...          | 3.686 | 3.683 | 499.5E6 | 271.8E6  | 57.089  | 54.466  |
| 2) SA Decachlor...          | 8.728 | 8.680 | 359.5E6 | 86074092 | 45.530  | 44.714  |
| Target Compounds            |       |       |         |          |         |         |
| 3) L1 AR-1016-1             | 4.776 | 4.762 | 183.1E6 | 92137906 | 557.859 | 524.974 |
| 4) L1 AR-1016-2             | 4.795 | 4.781 | 254.7E6 | 133.8E6  | 559.811 | 531.969 |
| 5) L1 AR-1016-3             | 4.851 | 4.957 | 173.8E6 | 67890056 | 538.715 | 500.255 |
| 6) L1 AR-1016-4             | 4.971 | 4.998 | 136.0E6 | 55068706 | 545.639 | 481.505 |
| 7) L1 AR-1016-5             | 5.229 | 5.211 | 148.3E6 | 75409145 | 551.181 | 505.851 |
| 31) L7 AR-1260-1            | 6.269 | 6.243 | 245.0E6 | 118.7E6  | 518.479 | 482.791 |
| 32) L7 AR-1260-2            | 6.457 | 6.431 | 299.6E6 | 138.8E6  | 510.872 | 475.658 |
| 33) L7 AR-1260-3            | 6.825 | 6.583 | 248.2E6 | 126.8E6  | 503.658 | 468.068 |
| 34) L7 AR-1260-4            | 7.085 | 7.054 | 208.3E6 | 92522218 | 490.868 | 461.135 |
| 35) L7 AR-1260-5            | 7.327 | 7.295 | 511.2E6 | 211.9E6  | 489.903 | 461.730 |
| -----                       |       |       |         |          |         |         |

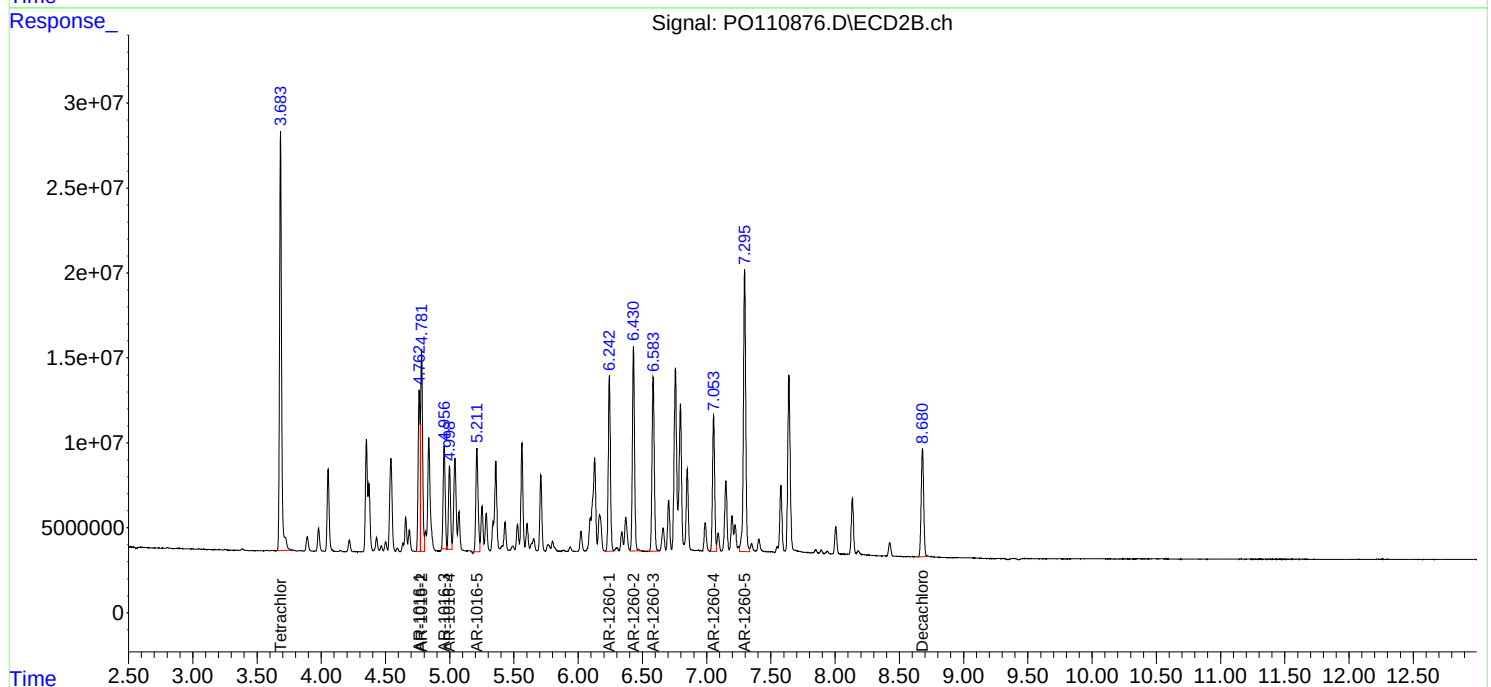
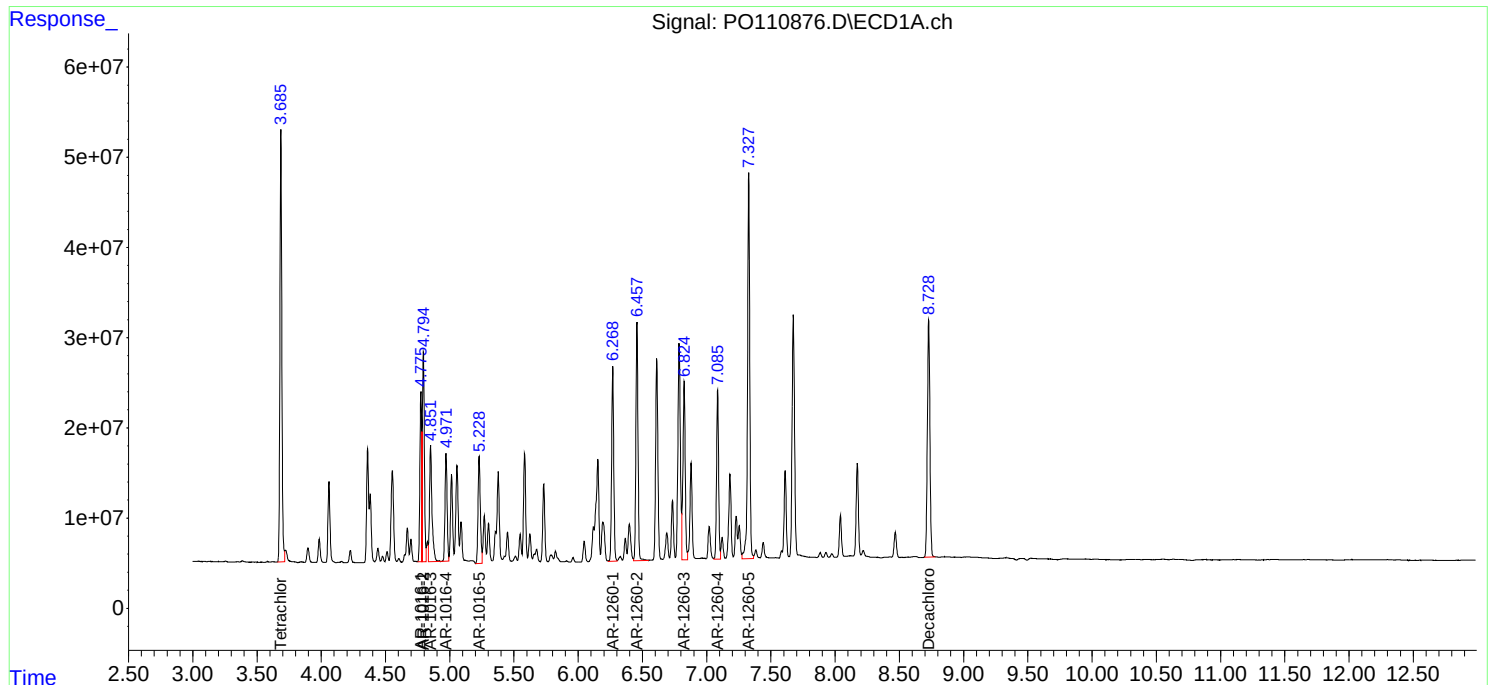
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO042925\  
Data File : PO110876.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Apr 2025 22:00  
Operator : YP/AJ  
Sample : AR1660CCC500  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
AR1660CCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 30 02:30:19 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO041025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Apr 11 02:12:41 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1901 SAS No.: Q1901 SDG NO.: Q1901

Continuing Calib Date: 04/29/2025 Initial Calibration Date(s): 04/22/2025 04/22/2025

Continuing Calib Time: 10:33 Initial Calibration Time(s): 10:29 17:49

GC Column: ZB-MR1 ID: 0.32 (mm)

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |       | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|-------|------------|
|                      |     |            |           | FROM      | TO    |            |
| Aroclor-1016-1       | (1) | 5.66       | 5.67      | 5.57      | 5.77  | 0.01       |
| Aroclor-1016-2       | (2) | 5.69       | 5.69      | 5.59      | 5.79  | 0.01       |
| Aroclor-1016-3       | (3) | 5.75       | 5.75      | 5.65      | 5.85  | 0.00       |
| Aroclor-1016-4       | (4) | 5.84       | 5.85      | 5.75      | 5.95  | 0.01       |
| Aroclor-1016-5       | (5) | 6.14       | 6.15      | 6.05      | 6.25  | 0.01       |
| Aroclor-1260-1       | (1) | 7.26       | 7.27      | 7.17      | 7.37  | 0.01       |
| Aroclor-1260-2       | (2) | 7.51       | 7.52      | 7.42      | 7.62  | 0.01       |
| Aroclor-1260-3       | (3) | 7.87       | 7.88      | 7.78      | 7.98  | 0.01       |
| Aroclor-1260-4       | (4) | 8.09       | 8.10      | 8.00      | 8.20  | 0.01       |
| Aroclor-1260-5       | (5) | 8.41       | 8.42      | 8.32      | 8.52  | 0.01       |
| Tetrachloro-m-xylene |     | 4.51       | 4.52      | 4.42      | 4.62  | 0.01       |
| Decachlorobiphenyl   |     | 10.23      | 10.24     | 10.14     | 10.34 | 0.01       |





284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1901 SAS No.: Q1901 SDG NO.: Q1901

Continuing Calib Date: 04/29/2025 Initial Calibration Date(s): 04/22/2025 04/22/2025

Continuing Calib Time: 10:33 Initial Calibration Time(s): 10:29 17:49

GC Column: ZB-MR2 ID: 0.32 (mm)

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|------|------------|
|                      |     |            |           | FROM      | TO   |            |
| Aroclor-1016-1       | (1) | 4.89       | 4.90      | 4.80      | 5.00 | 0.01       |
| Aroclor-1016-2       | (2) | 4.91       | 4.92      | 4.82      | 5.02 | 0.01       |
| Aroclor-1016-3       | (3) | 5.09       | 5.09      | 4.99      | 5.19 | 0.00       |
| Aroclor-1016-4       | (4) | 5.13       | 5.14      | 5.04      | 5.24 | 0.01       |
| Aroclor-1016-5       | (5) | 5.34       | 5.35      | 5.25      | 5.45 | 0.01       |
| Aroclor-1260-1       | (1) | 6.38       | 6.39      | 6.29      | 6.49 | 0.01       |
| Aroclor-1260-2       | (2) | 6.57       | 6.57      | 6.47      | 6.67 | 0.00       |
| Aroclor-1260-3       | (3) | 6.72       | 6.73      | 6.63      | 6.83 | 0.01       |
| Aroclor-1260-4       | (4) | 7.19       | 7.20      | 7.10      | 7.30 | 0.01       |
| Aroclor-1260-5       | (5) | 7.43       | 7.44      | 7.34      | 7.54 | 0.01       |
| Tetrachloro-m-xylene |     | 3.81       | 3.81      | 3.71      | 3.91 | 0.00       |
| Decachlorobiphenyl   |     | 8.84       | 8.85      | 8.75      | 8.95 | 0.01       |



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1901 SAS No.: Q1901 SDG NO.: Q1901

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/22/2025 04/22/2025

Client Sample No.: CCAL04 Date Analyzed: 04/29/2025

Lab Sample No.: AR1660CCC500 Data File : PP071599.D Time Analyzed: 10:33

| COMPOUND             | RT     | RT WINDOW<br>FROM TO |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D  |
|----------------------|--------|----------------------|--------|--------------------|-------------------|-----|
| Aroclor-1016-1       | 5.663  | 5.571                | 5.771  | 514.370            | 500.000           | 2.9 |
| Aroclor-1016-2       | 5.685  | 5.593                | 5.793  | 504.710            | 500.000           | 0.9 |
| Aroclor-1016-3       | 5.747  | 5.654                | 5.854  | 510.290            | 500.000           | 2.1 |
| Aroclor-1016-4       | 5.844  | 5.752                | 5.952  | 520.150            | 500.000           | 4.0 |
| Aroclor-1016-5       | 6.137  | 6.045                | 6.245  | 506.180            | 500.000           | 1.2 |
| Aroclor-1260-1       | 7.256  | 7.165                | 7.365  | 529.010            | 500.000           | 5.8 |
| Aroclor-1260-2       | 7.509  | 7.418                | 7.618  | 515.870            | 500.000           | 3.2 |
| Aroclor-1260-3       | 7.868  | 7.777                | 7.977  | 531.680            | 500.000           | 6.3 |
| Aroclor-1260-4       | 8.092  | 8.002                | 8.202  | 513.780            | 500.000           | 2.8 |
| Aroclor-1260-5       | 8.412  | 8.322                | 8.522  | 529.980            | 500.000           | 6.0 |
| Decachlorobiphenyl   | 10.225 | 10.137               | 10.337 | 54.140             | 50.000            | 8.3 |
| Tetrachloro-m-xylene | 4.510  | 4.417                | 4.617  | 50.740             | 50.000            | 1.5 |



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1901 SAS No.: Q1901 SDG NO.: Q1901

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/22/2025 04/22/2025

Client Sample No.: CCAL04 Date Analyzed: 04/29/2025

Lab Sample No.: AR1660CCC500 Data File : PP071599.D Time Analyzed: 10:33

| COMPOUND             | RT    | RT WINDOW<br>FROM TO |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|----------------------|-------|--------------------|-------------------|------|
| Aroclor-1016-1       | 4.892 | 4.798                | 4.998 | 525.310            | 500.000           | 5.1  |
| Aroclor-1016-2       | 4.911 | 4.816                | 5.016 | 530.190            | 500.000           | 6.0  |
| Aroclor-1016-3       | 5.088 | 4.993                | 5.193 | 543.770            | 500.000           | 8.8  |
| Aroclor-1016-4       | 5.130 | 5.036                | 5.236 | 528.260            | 500.000           | 5.7  |
| Aroclor-1016-5       | 5.344 | 5.250                | 5.450 | 571.750            | 500.000           | 14.4 |
| Aroclor-1260-1       | 6.378 | 6.285                | 6.485 | 556.170            | 500.000           | 11.2 |
| Aroclor-1260-2       | 6.566 | 6.473                | 6.673 | 550.380            | 500.000           | 10.1 |
| Aroclor-1260-3       | 6.720 | 6.627                | 6.827 | 543.580            | 500.000           | 8.7  |
| Aroclor-1260-4       | 7.190 | 7.098                | 7.298 | 548.770            | 500.000           | 9.8  |
| Aroclor-1260-5       | 7.432 | 7.339                | 7.539 | 538.670            | 500.000           | 7.7  |
| Decachlorobiphenyl   | 8.840 | 8.749                | 8.949 | 53.370             | 50.000            | 6.7  |
| Tetrachloro-m-xylene | 3.808 | 3.712                | 3.912 | 56.790             | 50.000            | 13.6 |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042925\  
 Data File : PP071599.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Apr 2025 10:33  
 Operator : YP\AJ  
 Sample : AR1660CCC500  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1660CCC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 30 02:21:17 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Apr 23 05:02:06 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.510  | 3.808 | 100.6E6  | 79992653 | 50.742  | 56.787  |
| 2) SA Decachlor...          | 10.225 | 8.840 | 78397179 | 46812312 | 54.141  | 53.375  |
| Target Compounds            |        |       |          |          |         |         |
| 3) L1 AR-1016-1             | 5.663  | 4.892 | 34488678 | 28121480 | 514.374 | 525.305 |
| 4) L1 AR-1016-2             | 5.685  | 4.911 | 51797987 | 40487611 | 504.714 | 530.194 |
| 5) L1 AR-1016-3             | 5.747  | 5.088 | 31458115 | 22952658 | 510.293 | 543.768 |
| 6) L1 AR-1016-4             | 5.844  | 5.130 | 26682573 | 18217376 | 520.147 | 528.255 |
| 7) L1 AR-1016-5             | 6.137  | 5.344 | 24417182 | 25412541 | 506.177 | 571.746 |
| 31) L7 AR-1260-1            | 7.256  | 6.378 | 50797861 | 40210631 | 529.009 | 556.170 |
| 32) L7 AR-1260-2            | 7.509  | 6.566 | 73808673 | 48136859 | 515.865 | 550.378 |
| 33) L7 AR-1260-3            | 7.868  | 6.720 | 59603275 | 42609621 | 531.678 | 543.576 |
| 34) L7 AR-1260-4            | 8.092  | 7.190 | 57987345 | 34633280 | 513.777 | 548.771 |
| 35) L7 AR-1260-5            | 8.412  | 7.432 | 120.1E6  | 81219363 | 529.979 | 538.671 |
| -----                       |        |       |          |          |         |         |

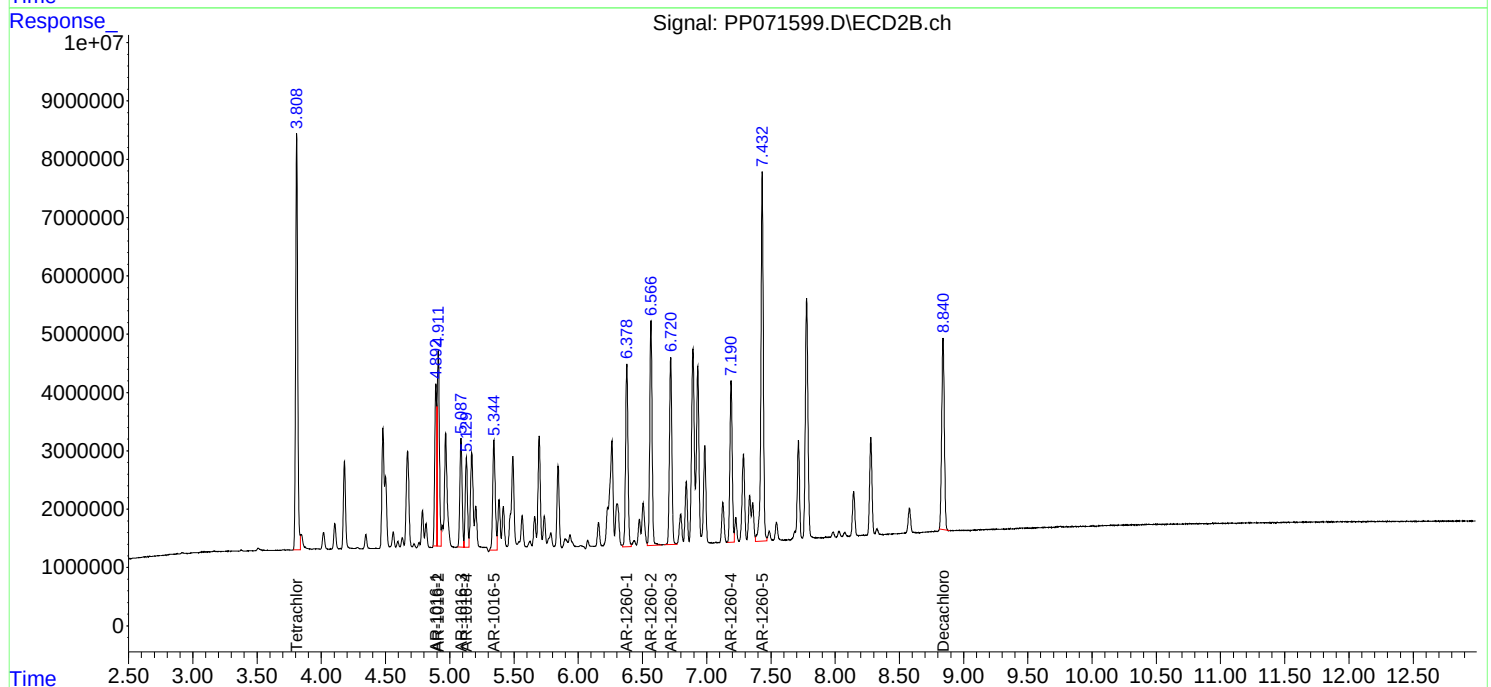
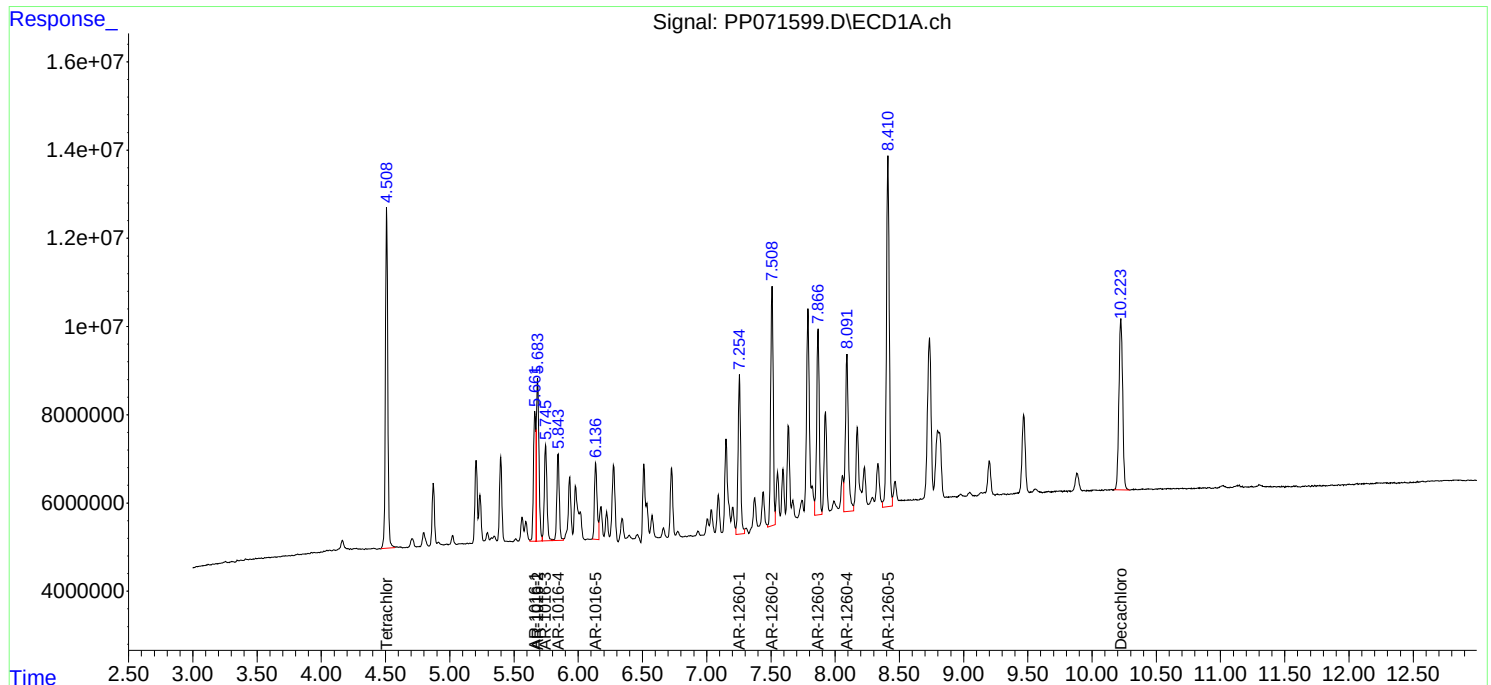
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042925\  
Data File : PP071599.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Apr 2025 10:33  
Operator : YP\AJ  
Sample : AR1660CCC500  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 30 02:21:17 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Apr 23 05:02:06 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1901 SAS No.: Q1901 SDG NO.: Q1901

Continuing Calib Date: 04/29/2025 Initial Calibration Date(s): 04/22/2025 04/22/2025

Continuing Calib Time: 16:29 Initial Calibration Time(s): 10:29 17:49

GC Column: ZB-MR1 ID: 0.32 (mm)

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |       | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|-------|------------|
|                      |     |            |           | FROM      | TO    |            |
| Aroclor-1016-1       | (1) | 5.67       | 5.67      | 5.57      | 5.77  | 0.01       |
| Aroclor-1016-2       | (2) | 5.69       | 5.69      | 5.59      | 5.79  | 0.00       |
| Aroclor-1016-3       | (3) | 5.75       | 5.75      | 5.65      | 5.85  | 0.00       |
| Aroclor-1016-4       | (4) | 5.85       | 5.85      | 5.75      | 5.95  | 0.00       |
| Aroclor-1016-5       | (5) | 6.14       | 6.15      | 6.05      | 6.25  | 0.01       |
| Aroclor-1260-1       | (1) | 7.26       | 7.27      | 7.17      | 7.37  | 0.01       |
| Aroclor-1260-2       | (2) | 7.51       | 7.52      | 7.42      | 7.62  | 0.01       |
| Aroclor-1260-3       | (3) | 7.87       | 7.88      | 7.78      | 7.98  | 0.01       |
| Aroclor-1260-4       | (4) | 8.10       | 8.10      | 8.00      | 8.20  | 0.00       |
| Aroclor-1260-5       | (5) | 8.42       | 8.42      | 8.32      | 8.52  | 0.01       |
| Tetrachloro-m-xylene |     | 4.51       | 4.52      | 4.42      | 4.62  | 0.01       |
| Decachlorobiphenyl   |     | 10.23      | 10.24     | 10.14     | 10.34 | 0.01       |



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1901 SAS No.: Q1901 SDG NO.: Q1901

Continuing Calib Date: 04/29/2025 Initial Calibration Date(s): 04/22/2025 04/22/2025

Continuing Calib Time: 16:29 Initial Calibration Time(s): 10:29 17:49

GC Column: ZB-MR2 ID: 0.32 (mm)

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|------|------------|
|                      |     |            |           | FROM      | TO   |            |
| Aroclor-1016-1       | (1) | 4.90       | 4.90      | 4.80      | 5.00 | 0.01       |
| Aroclor-1016-2       | (2) | 4.91       | 4.92      | 4.82      | 5.02 | 0.01       |
| Aroclor-1016-3       | (3) | 5.09       | 5.09      | 4.99      | 5.19 | 0.00       |
| Aroclor-1016-4       | (4) | 5.13       | 5.14      | 5.04      | 5.24 | 0.01       |
| Aroclor-1016-5       | (5) | 5.35       | 5.35      | 5.25      | 5.45 | 0.00       |
| Aroclor-1260-1       | (1) | 6.38       | 6.39      | 6.29      | 6.49 | 0.01       |
| Aroclor-1260-2       | (2) | 6.57       | 6.57      | 6.47      | 6.67 | 0.00       |
| Aroclor-1260-3       | (3) | 6.72       | 6.73      | 6.63      | 6.83 | 0.01       |
| Aroclor-1260-4       | (4) | 7.19       | 7.20      | 7.10      | 7.30 | 0.01       |
| Aroclor-1260-5       | (5) | 7.44       | 7.44      | 7.34      | 7.54 | 0.01       |
| Tetrachloro-m-xylene |     | 3.81       | 3.81      | 3.71      | 3.91 | 0.00       |
| Decachlorobiphenyl   |     | 8.84       | 8.85      | 8.75      | 8.95 | 0.01       |



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1901 SAS No.: Q1901 SDG NO.: Q1901

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/22/2025 04/22/2025

Client Sample No.: CCAL06 Date Analyzed: 04/29/2025

Lab Sample No.: AR1660CCC500 Data File : PP071614.D Time Analyzed: 16:29

| COMPOUND             | RT     | RT WINDOW<br>FROM TO |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D  |
|----------------------|--------|----------------------|--------|--------------------|-------------------|-----|
| Aroclor-1016-1       | 5.665  | 5.571                | 5.771  | 519.380            | 500.000           | 3.9 |
| Aroclor-1016-2       | 5.688  | 5.593                | 5.793  | 509.990            | 500.000           | 2.0 |
| Aroclor-1016-3       | 5.750  | 5.654                | 5.854  | 509.200            | 500.000           | 1.8 |
| Aroclor-1016-4       | 5.847  | 5.752                | 5.952  | 513.170            | 500.000           | 2.6 |
| Aroclor-1016-5       | 6.140  | 6.045                | 6.245  | 520.600            | 500.000           | 4.1 |
| Aroclor-1260-1       | 7.259  | 7.165                | 7.365  | 536.190            | 500.000           | 7.2 |
| Aroclor-1260-2       | 7.512  | 7.418                | 7.618  | 518.580            | 500.000           | 3.7 |
| Aroclor-1260-3       | 7.870  | 7.777                | 7.977  | 532.700            | 500.000           | 6.5 |
| Aroclor-1260-4       | 8.095  | 8.002                | 8.202  | 515.410            | 500.000           | 3.1 |
| Aroclor-1260-5       | 8.415  | 8.322                | 8.522  | 534.510            | 500.000           | 6.9 |
| Decachlorobiphenyl   | 10.230 | 10.137               | 10.337 | 54.370             | 50.000            | 8.7 |
| Tetrachloro-m-xylene | 4.512  | 4.417                | 4.617  | 51.110             | 50.000            | 2.2 |





284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1901 SAS No.: Q1901 SDG NO.: Q1901

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/22/2025 04/22/2025

Client Sample No.: CCAL06 Date Analyzed: 04/29/2025

Lab Sample No.: AR1660CCC500 Data File : PP071614.D Time Analyzed: 16:29

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| Aroclor-1016-1       | 4.895 | 4.798     | 4.998 | 517.640            | 500.000           | 3.5  |
| Aroclor-1016-2       | 4.914 | 4.816     | 5.016 | 516.230            | 500.000           | 3.2  |
| Aroclor-1016-3       | 5.090 | 4.993     | 5.193 | 534.980            | 500.000           | 7.0  |
| Aroclor-1016-4       | 5.132 | 5.036     | 5.236 | 540.310            | 500.000           | 8.1  |
| Aroclor-1016-5       | 5.347 | 5.250     | 5.450 | 579.870            | 500.000           | 16.0 |
| Aroclor-1260-1       | 6.381 | 6.285     | 6.485 | 542.610            | 500.000           | 8.5  |
| Aroclor-1260-2       | 6.569 | 6.473     | 6.673 | 540.120            | 500.000           | 8.0  |
| Aroclor-1260-3       | 6.722 | 6.627     | 6.827 | 523.900            | 500.000           | 4.8  |
| Aroclor-1260-4       | 7.193 | 7.098     | 7.298 | 538.880            | 500.000           | 7.8  |
| Aroclor-1260-5       | 7.435 | 7.339     | 7.539 | 527.470            | 500.000           | 5.5  |
| Decachlorobiphenyl   | 8.844 | 8.749     | 8.949 | 54.370             | 50.000            | 8.7  |
| Tetrachloro-m-xylene | 3.810 | 3.712     | 3.912 | 50.630             | 50.000            | 1.3  |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042925\  
 Data File : PP071614.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Apr 2025 16:29  
 Operator : YP\AJ  
 Sample : AR1660CCC500  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1660CCC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 30 02:26:06 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Apr 23 05:02:06 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.512  | 3.810 | 101.3E6  | 71321929 | 51.106  | 50.632  |
| 2) SA Decachlor...          | 10.230 | 8.844 | 78726516 | 47683889 | 54.369  | 54.368  |
| Target Compounds            |        |       |          |          |         |         |
| 3) L1 AR-1016-1             | 5.665  | 4.895 | 34824581 | 27710878 | 519.384 | 517.635 |
| 4) L1 AR-1016-2             | 5.688  | 4.914 | 52339642 | 39421205 | 509.992 | 516.230 |
| 5) L1 AR-1016-3             | 5.750  | 5.090 | 31390912 | 22581579 | 509.203 | 534.977 |
| 6) L1 AR-1016-4             | 5.847  | 5.132 | 26324537 | 18633073 | 513.167 | 540.309 |
| 7) L1 AR-1016-5             | 6.140  | 5.347 | 25112947 | 25773732 | 520.601 | 579.872 |
| 31) L7 AR-1260-1            | 7.259  | 6.381 | 51487888 | 39230370 | 536.195 | 542.611 |
| 32) L7 AR-1260-2            | 7.512  | 6.569 | 74197686 | 47239393 | 518.584 | 540.117 |
| 33) L7 AR-1260-3            | 7.870  | 6.722 | 59717629 | 41066978 | 532.698 | 523.896 |
| 34) L7 AR-1260-4            | 8.095  | 7.193 | 58171776 | 34009135 | 515.411 | 538.881 |
| 35) L7 AR-1260-5            | 8.415  | 7.435 | 121.1E6  | 79530384 | 534.513 | 527.469 |
| -----                       |        |       |          |          |         |         |

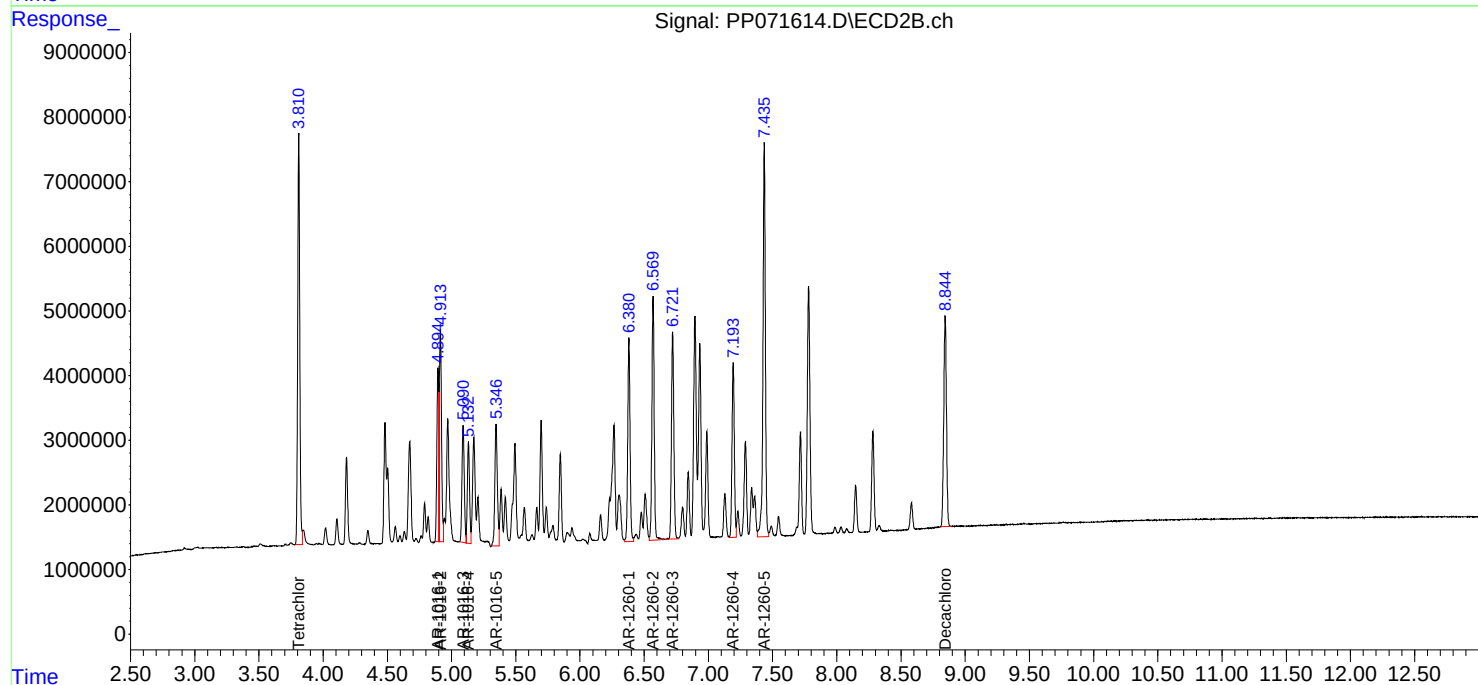
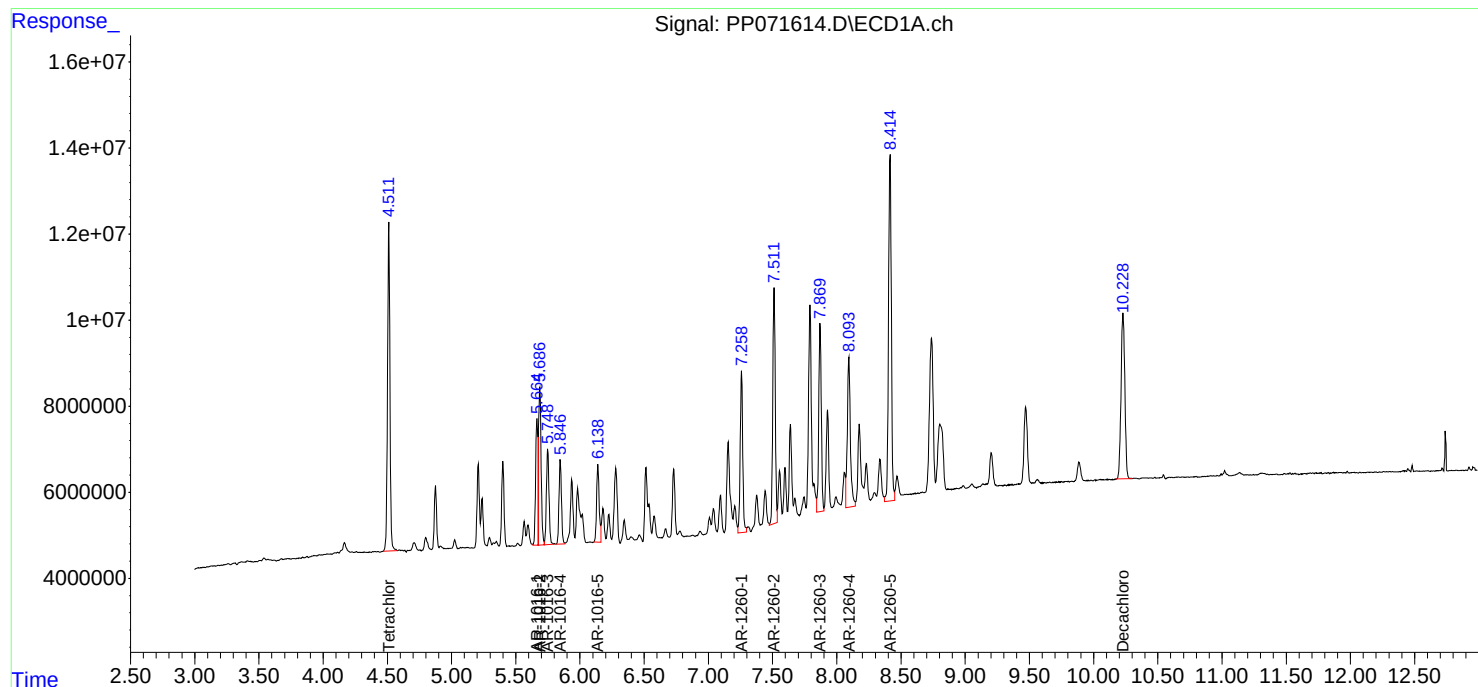
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042925\  
Data File : PP071614.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Apr 2025 16:29  
Operator : YP\AJ  
Sample : AR1660CCC500  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 30 02:26:06 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Apr 23 05:02:06 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1901 SAS No.: Q1901 SDG NO.: Q1901

Continuing Calib Date: 04/29/2025 Initial Calibration Date(s): 04/22/2025 04/22/2025

Continuing Calib Time: 21:55 Initial Calibration Time(s): 10:29 17:49

GC Column: ZB-MR1 ID: 0.32 (mm)

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW<br>FROM   TO |       | DIFF<br>RT |
|----------------------|-----|------------|-----------|------------------------|-------|------------|
| Aroclor-1016-1       | (1) | 5.67       | 5.67      | 5.57                   | 5.77  | 0.01       |
| Aroclor-1016-2       | (2) | 5.69       | 5.69      | 5.59                   | 5.79  | 0.00       |
| Aroclor-1016-3       | (3) | 5.75       | 5.75      | 5.65                   | 5.85  | 0.00       |
| Aroclor-1016-4       | (4) | 5.85       | 5.85      | 5.75                   | 5.95  | 0.00       |
| Aroclor-1016-5       | (5) | 6.14       | 6.15      | 6.05                   | 6.25  | 0.01       |
| Aroclor-1260-1       | (1) | 7.26       | 7.27      | 7.17                   | 7.37  | 0.01       |
| Aroclor-1260-2       | (2) | 7.51       | 7.52      | 7.42                   | 7.62  | 0.01       |
| Aroclor-1260-3       | (3) | 7.87       | 7.88      | 7.78                   | 7.98  | 0.01       |
| Aroclor-1260-4       | (4) | 8.09       | 8.10      | 8.00                   | 8.20  | 0.01       |
| Aroclor-1260-5       | (5) | 8.41       | 8.42      | 8.32                   | 8.52  | 0.01       |
| Tetrachloro-m-xylene |     | 4.51       | 4.52      | 4.42                   | 4.62  | 0.01       |
| Decachlorobiphenyl   |     | 10.23      | 10.24     | 10.14                  | 10.34 | 0.01       |



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1901 SAS No.: Q1901 SDG NO.: Q1901

Continuing Calib Date: 04/29/2025 Initial Calibration Date(s): 04/22/2025 04/22/2025

Continuing Calib Time: 21:55 Initial Calibration Time(s): 10:29 17:49

GC Column: ZB-MR2 ID: 0.32 (mm)

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|------|------------|
|                      |     |            |           | FROM      | TO   |            |
| Aroclor-1016-1       | (1) | 4.89       | 4.90      | 4.80      | 5.00 | 0.01       |
| Aroclor-1016-2       | (2) | 4.91       | 4.92      | 4.82      | 5.02 | 0.01       |
| Aroclor-1016-3       | (3) | 5.09       | 5.09      | 4.99      | 5.19 | 0.00       |
| Aroclor-1016-4       | (4) | 5.13       | 5.14      | 5.04      | 5.24 | 0.01       |
| Aroclor-1016-5       | (5) | 5.35       | 5.35      | 5.25      | 5.45 | 0.01       |
| Aroclor-1260-1       | (1) | 6.38       | 6.39      | 6.29      | 6.49 | 0.01       |
| Aroclor-1260-2       | (2) | 6.57       | 6.57      | 6.47      | 6.67 | 0.00       |
| Aroclor-1260-3       | (3) | 6.72       | 6.73      | 6.63      | 6.83 | 0.01       |
| Aroclor-1260-4       | (4) | 7.19       | 7.20      | 7.10      | 7.30 | 0.01       |
| Aroclor-1260-5       | (5) | 7.43       | 7.44      | 7.34      | 7.54 | 0.01       |
| Tetrachloro-m-xylene |     | 3.81       | 3.81      | 3.71      | 3.91 | 0.00       |
| Decachlorobiphenyl   |     | 8.84       | 8.85      | 8.75      | 8.95 | 0.01       |



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1901 SAS No.: Q1901 SDG NO.: Q1901

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/22/2025 04/22/2025

Client Sample No.: CCAL07 Date Analyzed: 04/29/2025

Lab Sample No.: AR1660CCC500 Data File : PP071629.D Time Analyzed: 21:55

| COMPOUND             | RT     | RT WINDOW<br>FROM TO |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|--------|----------------------|--------|--------------------|-------------------|------|
| Aroclor-1016-1       | 5.665  | 5.571                | 5.771  | 532.730            | 500.000           | 6.5  |
| Aroclor-1016-2       | 5.687  | 5.593                | 5.793  | 523.890            | 500.000           | 4.8  |
| Aroclor-1016-3       | 5.749  | 5.654                | 5.854  | 524.180            | 500.000           | 4.8  |
| Aroclor-1016-4       | 5.846  | 5.752                | 5.952  | 526.580            | 500.000           | 5.3  |
| Aroclor-1016-5       | 6.139  | 6.045                | 6.245  | 533.550            | 500.000           | 6.7  |
| Aroclor-1260-1       | 7.257  | 7.165                | 7.365  | 548.960            | 500.000           | 9.8  |
| Aroclor-1260-2       | 7.511  | 7.418                | 7.618  | 534.240            | 500.000           | 6.8  |
| Aroclor-1260-3       | 7.870  | 7.777                | 7.977  | 546.610            | 500.000           | 9.3  |
| Aroclor-1260-4       | 8.094  | 8.002                | 8.202  | 533.340            | 500.000           | 6.7  |
| Aroclor-1260-5       | 8.413  | 8.322                | 8.522  | 548.400            | 500.000           | 9.7  |
| Decachlorobiphenyl   | 10.228 | 10.137               | 10.337 | 55.780             | 50.000            | 11.6 |
| Tetrachloro-m-xylene | 4.511  | 4.417                | 4.617  | 52.610             | 50.000            | 5.2  |



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1901 SAS No.: Q1901 SDG NO.: Q1901

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/22/2025 04/22/2025

Client Sample No.: CCAL07 Date Analyzed: 04/29/2025

Lab Sample No.: AR1660CCC500 Data File : PP071629.D Time Analyzed: 21:55

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| Aroclor-1016-1       | 4.893 | 4.798     | 4.998 | 544.770            | 500.000           | 9.0  |
| Aroclor-1016-2       | 4.912 | 4.816     | 5.016 | 551.650            | 500.000           | 10.3 |
| Aroclor-1016-3       | 5.089 | 4.993     | 5.193 | 561.570            | 500.000           | 12.3 |
| Aroclor-1016-4       | 5.130 | 5.036     | 5.236 | 543.490            | 500.000           | 8.7  |
| Aroclor-1016-5       | 5.345 | 5.250     | 5.450 | 582.730            | 500.000           | 16.5 |
| Aroclor-1260-1       | 6.379 | 6.285     | 6.485 | 545.780            | 500.000           | 9.2  |
| Aroclor-1260-2       | 6.568 | 6.473     | 6.673 | 539.920            | 500.000           | 8.0  |
| Aroclor-1260-3       | 6.721 | 6.627     | 6.827 | 531.780            | 500.000           | 6.4  |
| Aroclor-1260-4       | 7.192 | 7.098     | 7.298 | 525.410            | 500.000           | 5.1  |
| Aroclor-1260-5       | 7.434 | 7.339     | 7.539 | 525.950            | 500.000           | 5.2  |
| Decachlorobiphenyl   | 8.841 | 8.749     | 8.949 | 54.580             | 50.000            | 9.2  |
| Tetrachloro-m-xylene | 3.809 | 3.712     | 3.912 | 55.200             | 50.000            | 10.4 |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042925\  
 Data File : PP071629.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Apr 2025 21:55  
 Operator : YP\AJ  
 Sample : AR1660CCC500  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1660CCC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 30 02:30:14 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Apr 23 05:02:06 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.511  | 3.809 | 104.3E6  | 77753116 | 52.606  | 55.197  |
| 2) SA Decachlor...          | 10.228 | 8.841 | 80766515 | 47871251 | 55.778  | 54.582  |
| Target Compounds            |        |       |          |          |         |         |
| 3) L1 AR-1016-1             | 5.665  | 4.893 | 35719599 | 29163533 | 532.732 | 544.771 |
| 4) L1 AR-1016-2             | 5.687  | 4.912 | 53766131 | 42126419 | 523.892 | 551.655 |
| 5) L1 AR-1016-3             | 5.749  | 5.089 | 32314469 | 23703995 | 524.185 | 561.568 |
| 6) L1 AR-1016-4             | 5.846  | 5.130 | 27012762 | 18742698 | 526.584 | 543.488 |
| 7) L1 AR-1016-5             | 6.139  | 5.345 | 25737404 | 25900816 | 533.546 | 582.731 |
| 31) L7 AR-1260-1            | 7.257  | 6.379 | 52713877 | 39459159 | 548.962 | 545.776 |
| 32) L7 AR-1260-2            | 7.511  | 6.568 | 76438316 | 47221841 | 534.245 | 539.916 |
| 33) L7 AR-1260-3            | 7.870  | 6.721 | 61276721 | 41684949 | 546.606 | 531.780 |
| 34) L7 AR-1260-4            | 8.094  | 7.192 | 60195327 | 33158768 | 533.340 | 525.407 |
| 35) L7 AR-1260-5            | 8.413  | 7.434 | 124.3E6  | 79300632 | 548.395 | 525.945 |
| -----                       |        |       |          |          |         |         |

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

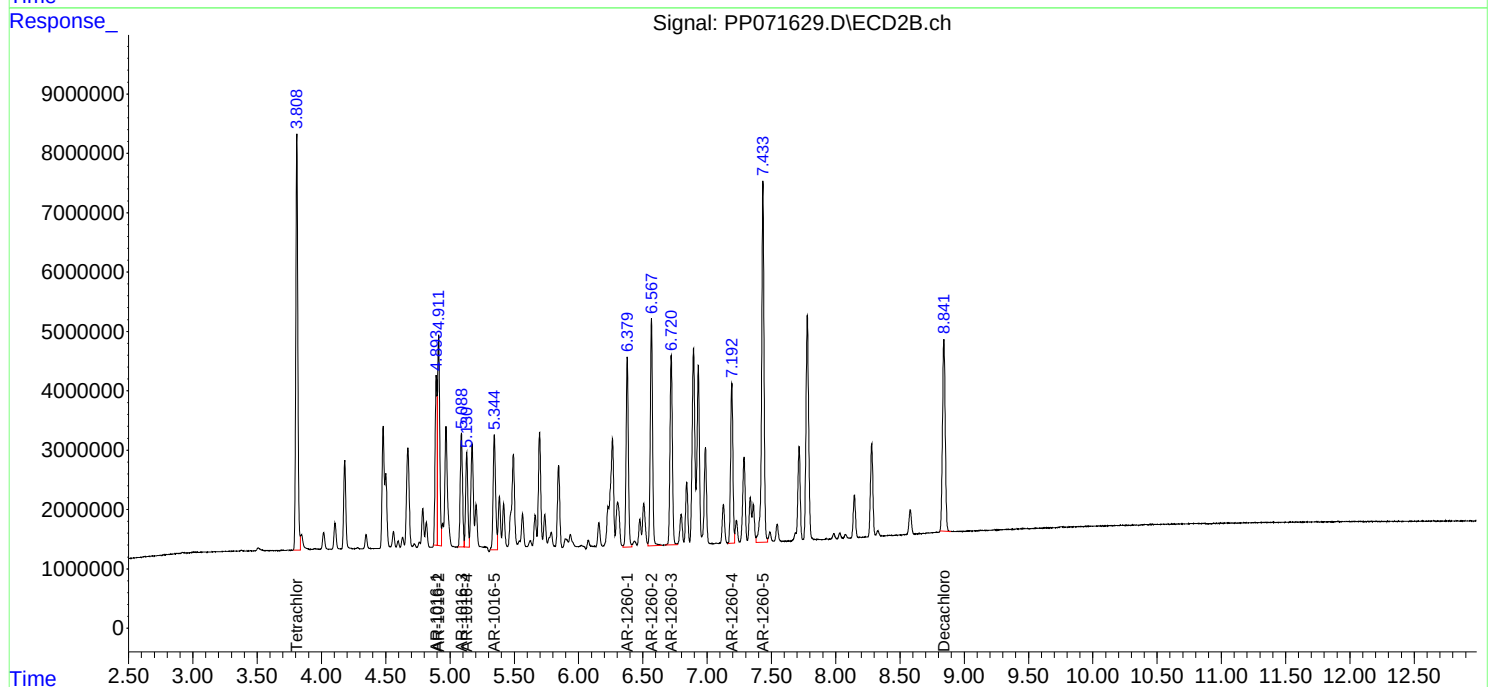
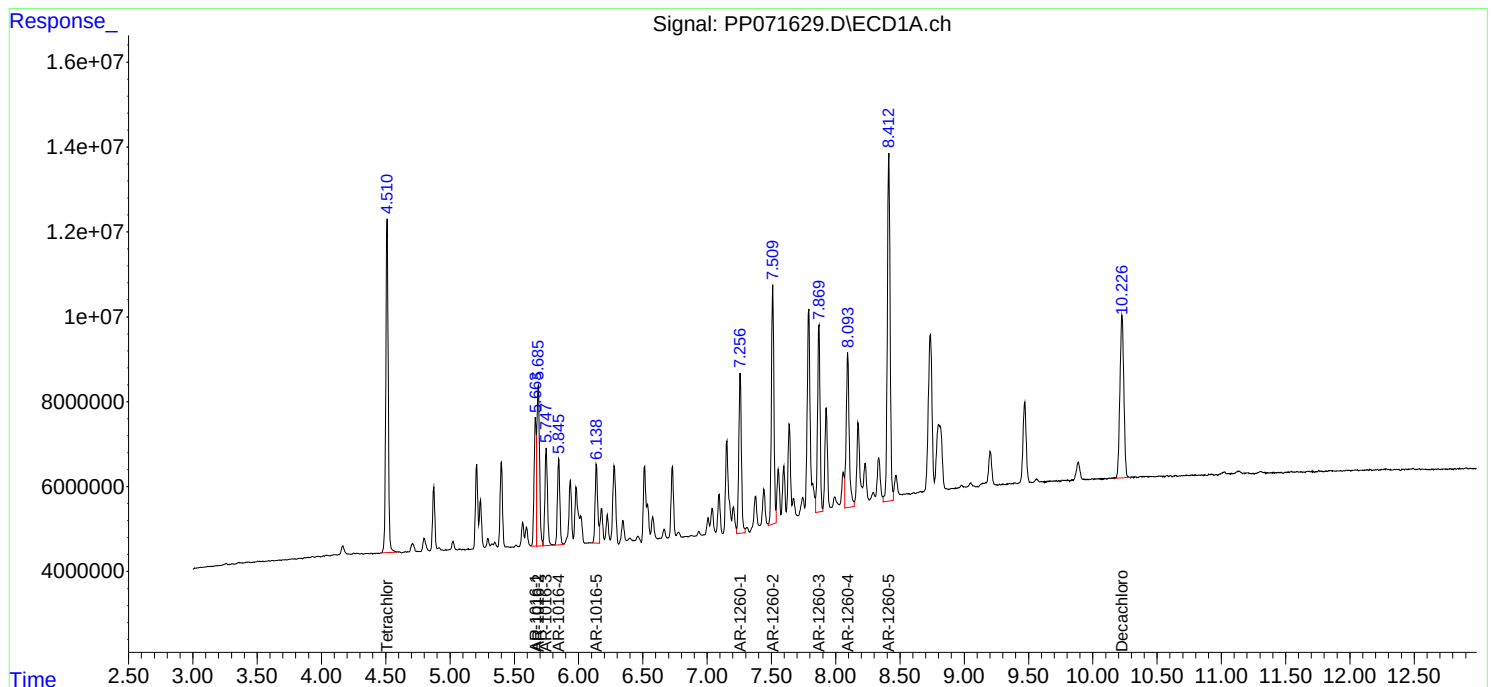


Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042925\  
Data File : PP071629.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Apr 2025 21:55  
Operator : YP\AJ  
Sample : AR1660CCC500  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 30 02:30:14 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Apr 23 05:02:06 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1901 SAS No.: Q1901 SDG NO.: Q1901

Continuing Calib Date: 04/30/2025 Initial Calibration Date(s): 04/22/2025 04/22/2025

Continuing Calib Time: 09:07 Initial Calibration Time(s): 10:29 17:49

GC Column: ZB-MR1 ID: 0.32 (mm)

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |       | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|-------|------------|
|                      |     |            |           | FROM      | TO    |            |
| Aroclor-1016-1       | (1) | 5.66       | 5.67      | 5.57      | 5.77  | 0.01       |
| Aroclor-1016-2       | (2) | 5.69       | 5.69      | 5.59      | 5.79  | 0.01       |
| Aroclor-1016-3       | (3) | 5.75       | 5.75      | 5.65      | 5.85  | 0.00       |
| Aroclor-1016-4       | (4) | 5.85       | 5.85      | 5.75      | 5.95  | 0.01       |
| Aroclor-1016-5       | (5) | 6.14       | 6.15      | 6.05      | 6.25  | 0.01       |
| Aroclor-1260-1       | (1) | 7.26       | 7.27      | 7.17      | 7.37  | 0.01       |
| Aroclor-1260-2       | (2) | 7.51       | 7.52      | 7.42      | 7.62  | 0.01       |
| Aroclor-1260-3       | (3) | 7.87       | 7.88      | 7.78      | 7.98  | 0.01       |
| Aroclor-1260-4       | (4) | 8.09       | 8.10      | 8.00      | 8.20  | 0.01       |
| Aroclor-1260-5       | (5) | 8.41       | 8.42      | 8.32      | 8.52  | 0.01       |
| Tetrachloro-m-xylene |     | 4.51       | 4.52      | 4.42      | 4.62  | 0.01       |
| Decachlorobiphenyl   |     | 10.23      | 10.24     | 10.14     | 10.34 | 0.01       |



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1901 SAS No.: Q1901 SDG NO.: Q1901

Continuing Calib Date: 04/30/2025 Initial Calibration Date(s): 04/22/2025 04/22/2025

Continuing Calib Time: 09:07 Initial Calibration Time(s): 10:29 17:49

GC Column: ZB-MR2 ID: 0.32 (mm)

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|------|------------|
|                      |     |            |           | FROM      | TO   |            |
| Aroclor-1016-1       | (1) | 4.89       | 4.90      | 4.80      | 5.00 | 0.01       |
| Aroclor-1016-2       | (2) | 4.91       | 4.92      | 4.82      | 5.02 | 0.01       |
| Aroclor-1016-3       | (3) | 5.09       | 5.09      | 4.99      | 5.19 | 0.00       |
| Aroclor-1016-4       | (4) | 5.13       | 5.14      | 5.04      | 5.24 | 0.01       |
| Aroclor-1016-5       | (5) | 5.34       | 5.35      | 5.25      | 5.45 | 0.01       |
| Aroclor-1260-1       | (1) | 6.38       | 6.39      | 6.29      | 6.49 | 0.01       |
| Aroclor-1260-2       | (2) | 6.57       | 6.57      | 6.47      | 6.67 | 0.00       |
| Aroclor-1260-3       | (3) | 6.72       | 6.73      | 6.63      | 6.83 | 0.01       |
| Aroclor-1260-4       | (4) | 7.19       | 7.20      | 7.10      | 7.30 | 0.01       |
| Aroclor-1260-5       | (5) | 7.43       | 7.44      | 7.34      | 7.54 | 0.01       |
| Tetrachloro-m-xylene |     | 3.81       | 3.81      | 3.71      | 3.91 | 0.00       |
| Decachlorobiphenyl   |     | 8.84       | 8.85      | 8.75      | 8.95 | 0.01       |



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1901 SAS No.: Q1901 SDG NO.: Q1901

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/22/2025 04/22/2025

Client Sample No.: CCAL08 Date Analyzed: 04/30/2025

Lab Sample No.: AR1660CCC500 Data File : PP071635.D Time Analyzed: 09:07

| COMPOUND             | RT     | RT WINDOW<br>FROM TO |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|--------|----------------------|--------|--------------------|-------------------|------|
| Aroclor-1016-1       | 5.663  | 5.571                | 5.771  | 524.250            | 500.000           | 4.9  |
| Aroclor-1016-2       | 5.685  | 5.593                | 5.793  | 518.980            | 500.000           | 3.8  |
| Aroclor-1016-3       | 5.747  | 5.654                | 5.854  | 519.680            | 500.000           | 3.9  |
| Aroclor-1016-4       | 5.845  | 5.752                | 5.952  | 520.190            | 500.000           | 4.0  |
| Aroclor-1016-5       | 6.137  | 6.045                | 6.245  | 521.930            | 500.000           | 4.4  |
| Aroclor-1260-1       | 7.257  | 7.165                | 7.365  | 512.460            | 500.000           | 2.5  |
| Aroclor-1260-2       | 7.510  | 7.418                | 7.618  | 515.560            | 500.000           | 3.1  |
| Aroclor-1260-3       | 7.869  | 7.777                | 7.977  | 540.890            | 500.000           | 8.2  |
| Aroclor-1260-4       | 8.093  | 8.002                | 8.202  | 525.430            | 500.000           | 5.1  |
| Aroclor-1260-5       | 8.413  | 8.322                | 8.522  | 539.350            | 500.000           | 7.9  |
| Decachlorobiphenyl   | 10.227 | 10.137               | 10.337 | 55.640             | 50.000            | 11.3 |
| Tetrachloro-m-xylene | 4.510  | 4.417                | 4.617  | 52.180             | 50.000            | 4.4  |



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1901 SAS No.: Q1901 SDG NO.: Q1901

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/22/2025 04/22/2025

Client Sample No.: CCAL08 Date Analyzed: 04/30/2025

Lab Sample No.: AR1660CCC500 Data File : PP071635.D Time Analyzed: 09:07

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D  |
|----------------------|-------|-----------|-------|--------------------|-------------------|-----|
|                      |       | FROM      | TO    |                    |                   |     |
| Aroclor-1016-1       | 4.893 | 4.798     | 4.998 | 504.250            | 500.000           | 0.9 |
| Aroclor-1016-2       | 4.911 | 4.816     | 5.016 | 513.220            | 500.000           | 2.6 |
| Aroclor-1016-3       | 5.088 | 4.993     | 5.193 | 524.120            | 500.000           | 4.8 |
| Aroclor-1016-4       | 5.130 | 5.036     | 5.236 | 529.500            | 500.000           | 5.9 |
| Aroclor-1016-5       | 5.344 | 5.250     | 5.450 | 521.420            | 500.000           | 4.3 |
| Aroclor-1260-1       | 6.378 | 6.285     | 6.485 | 509.590            | 500.000           | 1.9 |
| Aroclor-1260-2       | 6.567 | 6.473     | 6.673 | 513.540            | 500.000           | 2.7 |
| Aroclor-1260-3       | 6.720 | 6.627     | 6.827 | 524.100            | 500.000           | 4.8 |
| Aroclor-1260-4       | 7.191 | 7.098     | 7.298 | 525.010            | 500.000           | 5.0 |
| Aroclor-1260-5       | 7.433 | 7.339     | 7.539 | 529.420            | 500.000           | 5.9 |
| Decachlorobiphenyl   | 8.840 | 8.749     | 8.949 | 54.150             | 50.000            | 8.3 |
| Tetrachloro-m-xylene | 3.808 | 3.712     | 3.912 | 51.900             | 50.000            | 3.8 |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP043025\  
 Data File : PP071635.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Apr 2025 09:07  
 Operator : YP\AJ  
 Sample : AR1660CCC500  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1660CCC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 30 11:32:48 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Apr 23 05:02:06 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.510  | 3.808 | 103.5E6  | 73114495 | 52.185  | 51.904  |
| 2) SA Decachlor...          | 10.227 | 8.840 | 80565580 | 47493096 | 55.639  | 54.151  |
| Target Compounds            |        |       |          |          |         |         |
| 3) L1 AR-1016-1             | 5.663  | 4.893 | 35151194 | 26994486 | 524.255 | 504.253 |
| 4) L1 AR-1016-2             | 5.685  | 4.911 | 53261543 | 39191184 | 518.975 | 513.217 |
| 5) L1 AR-1016-3             | 5.747  | 5.088 | 32036915 | 22123454 | 519.682 | 524.123 |
| 6) L1 AR-1016-4             | 5.845  | 5.130 | 26684805 | 18260257 | 520.190 | 529.499 |
| 7) L1 AR-1016-5             | 6.137  | 5.344 | 25177087 | 23175742 | 521.931 | 521.421 |
| 31) L7 AR-1260-1            | 7.257  | 6.378 | 49208921 | 36842785 | 512.462 | 509.587 |
| 32) L7 AR-1260-2            | 7.510  | 6.567 | 73764798 | 44915285 | 515.559 | 513.544 |
| 33) L7 AR-1260-3            | 7.869  | 6.720 | 60636416 | 41082881 | 540.894 | 524.099 |
| 34) L7 AR-1260-4            | 8.093  | 7.191 | 59303028 | 33133632 | 525.434 | 525.009 |
| 35) L7 AR-1260-5            | 8.413  | 7.433 | 122.2E6  | 79824335 | 539.346 | 529.419 |
| -----                       |        |       |          |          |         |         |

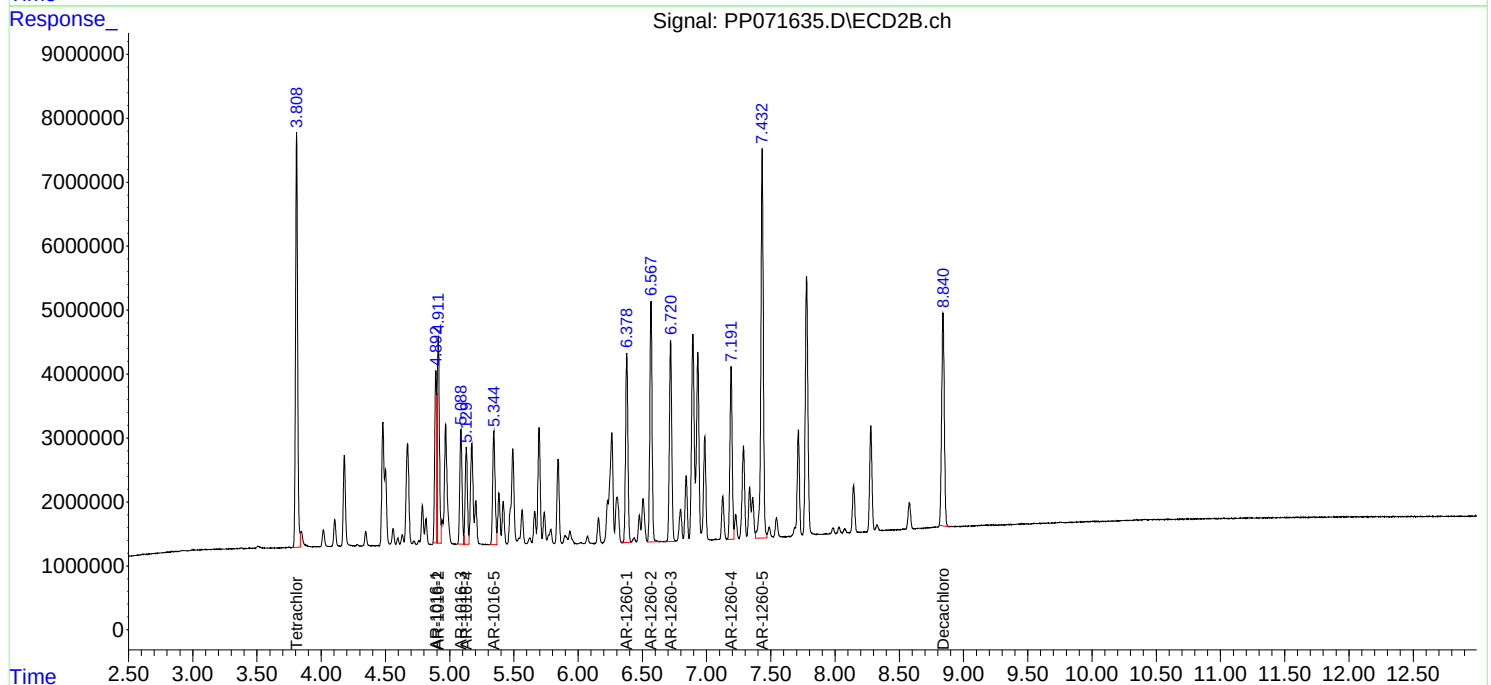
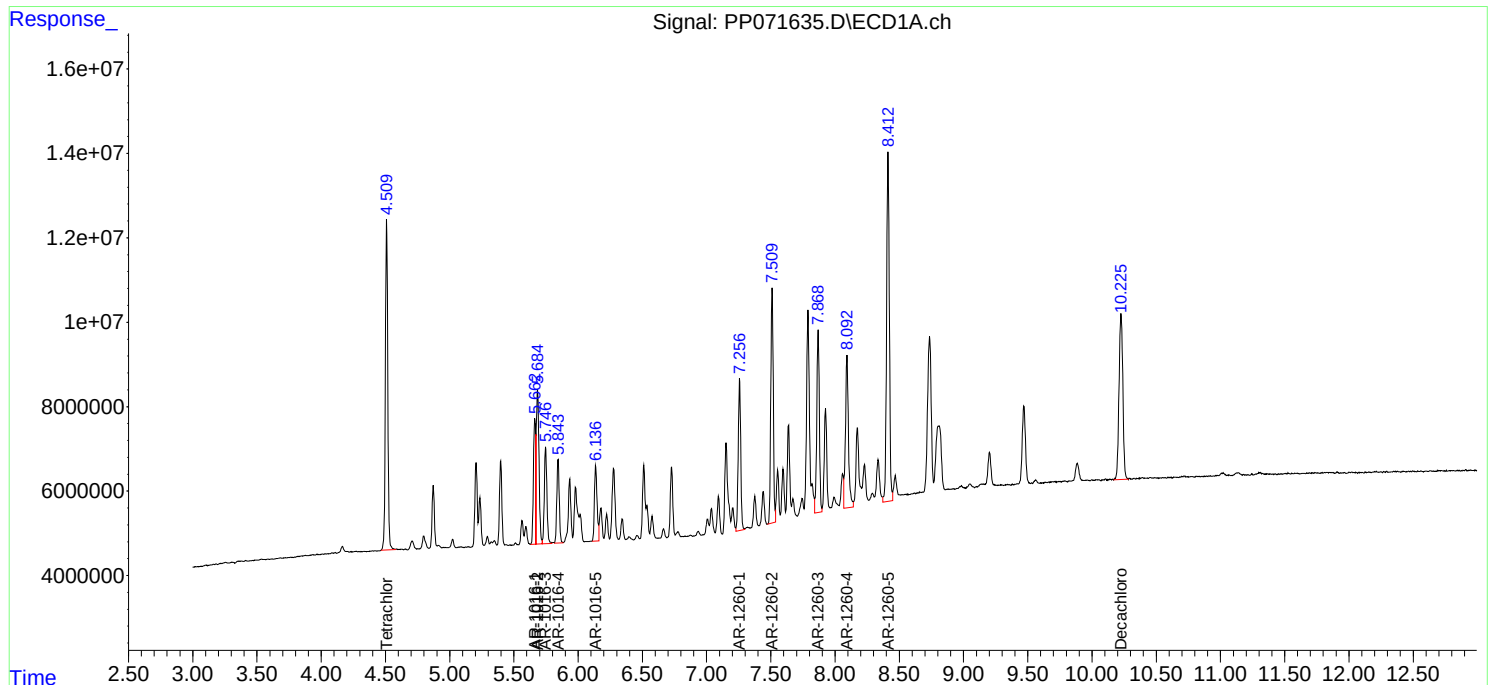
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP043025\  
Data File : PP071635.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Apr 2025 09:07  
Operator : YP\AJ  
Sample : AR1660CCC500  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 30 11:32:48 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Apr 23 05:02:06 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1901 SAS No.: Q1901 SDG NO.: Q1901

Continuing Calib Date: 04/30/2025 Initial Calibration Date(s): 04/22/2025 04/22/2025

Continuing Calib Time: 16:11 Initial Calibration Time(s): 10:29 17:49

GC Column: ZB-MR1 ID: 0.32 (mm)

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |       | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|-------|------------|
|                      |     |            |           | FROM      | TO    |            |
| Aroclor-1016-1       | (1) | 5.66       | 5.67      | 5.57      | 5.77  | 0.01       |
| Aroclor-1016-2       | (2) | 5.68       | 5.69      | 5.59      | 5.79  | 0.01       |
| Aroclor-1016-3       | (3) | 5.75       | 5.75      | 5.65      | 5.85  | 0.00       |
| Aroclor-1016-4       | (4) | 5.84       | 5.85      | 5.75      | 5.95  | 0.01       |
| Aroclor-1016-5       | (5) | 6.14       | 6.15      | 6.05      | 6.25  | 0.01       |
| Aroclor-1260-1       | (1) | 7.26       | 7.27      | 7.17      | 7.37  | 0.01       |
| Aroclor-1260-2       | (2) | 7.51       | 7.52      | 7.42      | 7.62  | 0.01       |
| Aroclor-1260-3       | (3) | 7.87       | 7.88      | 7.78      | 7.98  | 0.01       |
| Aroclor-1260-4       | (4) | 8.09       | 8.10      | 8.00      | 8.20  | 0.01       |
| Aroclor-1260-5       | (5) | 8.41       | 8.42      | 8.32      | 8.52  | 0.01       |
| Tetrachloro-m-xylene |     | 4.51       | 4.52      | 4.42      | 4.62  | 0.01       |
| Decachlorobiphenyl   |     | 10.23      | 10.24     | 10.14     | 10.34 | 0.01       |





284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1901 SAS No.: Q1901 SDG NO.: Q1901

Continuing Calib Date: 04/30/2025 Initial Calibration Date(s): 04/22/2025 04/22/2025

Continuing Calib Time: 16:11 Initial Calibration Time(s): 10:29 17:49

GC Column: ZB-MR2 ID: 0.32 (mm)

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|------|------------|
|                      |     |            |           | FROM      | TO   |            |
| Aroclor-1016-1       | (1) | 4.89       | 4.90      | 4.80      | 5.00 | 0.01       |
| Aroclor-1016-2       | (2) | 4.91       | 4.92      | 4.82      | 5.02 | 0.01       |
| Aroclor-1016-3       | (3) | 5.09       | 5.09      | 4.99      | 5.19 | 0.00       |
| Aroclor-1016-4       | (4) | 5.13       | 5.14      | 5.04      | 5.24 | 0.01       |
| Aroclor-1016-5       | (5) | 5.34       | 5.35      | 5.25      | 5.45 | 0.01       |
| Aroclor-1260-1       | (1) | 6.38       | 6.39      | 6.29      | 6.49 | 0.01       |
| Aroclor-1260-2       | (2) | 6.57       | 6.57      | 6.47      | 6.67 | 0.00       |
| Aroclor-1260-3       | (3) | 6.72       | 6.73      | 6.63      | 6.83 | 0.01       |
| Aroclor-1260-4       | (4) | 7.19       | 7.20      | 7.10      | 7.30 | 0.01       |
| Aroclor-1260-5       | (5) | 7.43       | 7.44      | 7.34      | 7.54 | 0.01       |
| Tetrachloro-m-xylene |     | 3.81       | 3.81      | 3.71      | 3.91 | 0.00       |
| Decachlorobiphenyl   |     | 8.84       | 8.85      | 8.75      | 8.95 | 0.01       |



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1901 SAS No.: Q1901 SDG NO.: Q1901

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/22/2025 04/22/2025

Client Sample No.: CCAL09 Date Analyzed: 04/30/2025

Lab Sample No.: AR1660CCC500 Data File : PP071650.D Time Analyzed: 16:11

| COMPOUND             | RT     | RT WINDOW |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D  |
|----------------------|--------|-----------|--------|--------------------|-------------------|-----|
|                      |        | FROM      | TO     |                    |                   |     |
| Aroclor-1016-1       | 5.662  | 5.571     | 5.771  | 520.080            | 500.000           | 4.0 |
| Aroclor-1016-2       | 5.683  | 5.593     | 5.793  | 514.850            | 500.000           | 3.0 |
| Aroclor-1016-3       | 5.746  | 5.654     | 5.854  | 510.100            | 500.000           | 2.0 |
| Aroclor-1016-4       | 5.843  | 5.752     | 5.952  | 517.690            | 500.000           | 3.5 |
| Aroclor-1016-5       | 6.136  | 6.045     | 6.245  | 518.100            | 500.000           | 3.6 |
| Aroclor-1260-1       | 7.255  | 7.165     | 7.365  | 514.390            | 500.000           | 2.9 |
| Aroclor-1260-2       | 7.508  | 7.418     | 7.618  | 505.470            | 500.000           | 1.1 |
| Aroclor-1260-3       | 7.867  | 7.777     | 7.977  | 530.650            | 500.000           | 6.1 |
| Aroclor-1260-4       | 8.092  | 8.002     | 8.202  | 517.190            | 500.000           | 3.4 |
| Aroclor-1260-5       | 8.411  | 8.322     | 8.522  | 531.830            | 500.000           | 6.4 |
| Decachlorobiphenyl   | 10.225 | 10.137    | 10.337 | 54.080             | 50.000            | 8.2 |
| Tetrachloro-m-xylene | 4.509  | 4.417     | 4.617  | 51.770             | 50.000            | 3.5 |



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Contract: PORT06

Lab Code: CHEM Case No.: Q1901 SAS No.: Q1901 SDG NO.: Q1901

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/22/2025 04/22/2025

Client Sample No.: CCAL09 Date Analyzed: 04/30/2025

Lab Sample No.: AR1660CCC500 Data File : PP071650.D Time Analyzed: 16:11

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| Aroclor-1016-1       | 4.893 | 4.798     | 4.998 | 547.990            | 500.000           | 9.6  |
| Aroclor-1016-2       | 4.911 | 4.816     | 5.016 | 546.060            | 500.000           | 9.2  |
| Aroclor-1016-3       | 5.088 | 4.993     | 5.193 | 558.800            | 500.000           | 11.8 |
| Aroclor-1016-4       | 5.130 | 5.036     | 5.236 | 557.840            | 500.000           | 11.6 |
| Aroclor-1016-5       | 5.344 | 5.250     | 5.450 | 553.040            | 500.000           | 10.6 |
| Aroclor-1260-1       | 6.379 | 6.285     | 6.485 | 543.610            | 500.000           | 8.7  |
| Aroclor-1260-2       | 6.567 | 6.473     | 6.673 | 540.470            | 500.000           | 8.1  |
| Aroclor-1260-3       | 6.720 | 6.627     | 6.827 | 543.100            | 500.000           | 8.6  |
| Aroclor-1260-4       | 7.191 | 7.098     | 7.298 | 539.760            | 500.000           | 8.0  |
| Aroclor-1260-5       | 7.433 | 7.339     | 7.539 | 541.090            | 500.000           | 8.2  |
| Decachlorobiphenyl   | 8.840 | 8.749     | 8.949 | 54.550             | 50.000            | 9.1  |
| Tetrachloro-m-xylene | 3.808 | 3.712     | 3.912 | 55.400             | 50.000            | 10.8 |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP043025\  
 Data File : PP071650.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Apr 2025 16:11  
 Operator : YP\AJ  
 Sample : AR1660CCC500  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1660CCC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 01 00:59:47 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Apr 23 05:02:06 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.509  | 3.808 | 102.6E6  | 78040405 | 51.768  | 55.401  |
| 2) SA Decachlor...          | 10.225 | 8.840 | 78303561 | 47846835 | 54.077  | 54.554  |
| Target Compounds            |        |       |          |          |         |         |
| 3) L1 AR-1016-1             | 5.662  | 4.893 | 34871034 | 29335905 | 520.076 | 547.991 |
| 4) L1 AR-1016-2             | 5.683  | 4.911 | 52837877 | 41699170 | 514.847 | 546.060 |
| 5) L1 AR-1016-3             | 5.746  | 5.088 | 31446375 | 23587011 | 510.103 | 558.796 |
| 6) L1 AR-1016-4             | 5.843  | 5.130 | 26556295 | 19237643 | 517.685 | 557.840 |
| 7) L1 AR-1016-5             | 6.136  | 5.344 | 24992148 | 24580962 | 518.097 | 553.036 |
| 31) L7 AR-1260-1            | 7.255  | 6.379 | 49393935 | 39302777 | 514.388 | 543.613 |
| 32) L7 AR-1260-2            | 7.508  | 6.567 | 72320995 | 47270304 | 505.468 | 540.470 |
| 33) L7 AR-1260-3            | 7.867  | 6.720 | 59487775 | 42572429 | 530.648 | 543.102 |
| 34) L7 AR-1260-4            | 8.092  | 7.191 | 58372273 | 34064307 | 517.187 | 539.756 |
| 35) L7 AR-1260-5            | 8.411  | 7.433 | 120.5E6  | 81583804 | 531.830 | 541.088 |
| -----                       |        |       |          |          |         |         |

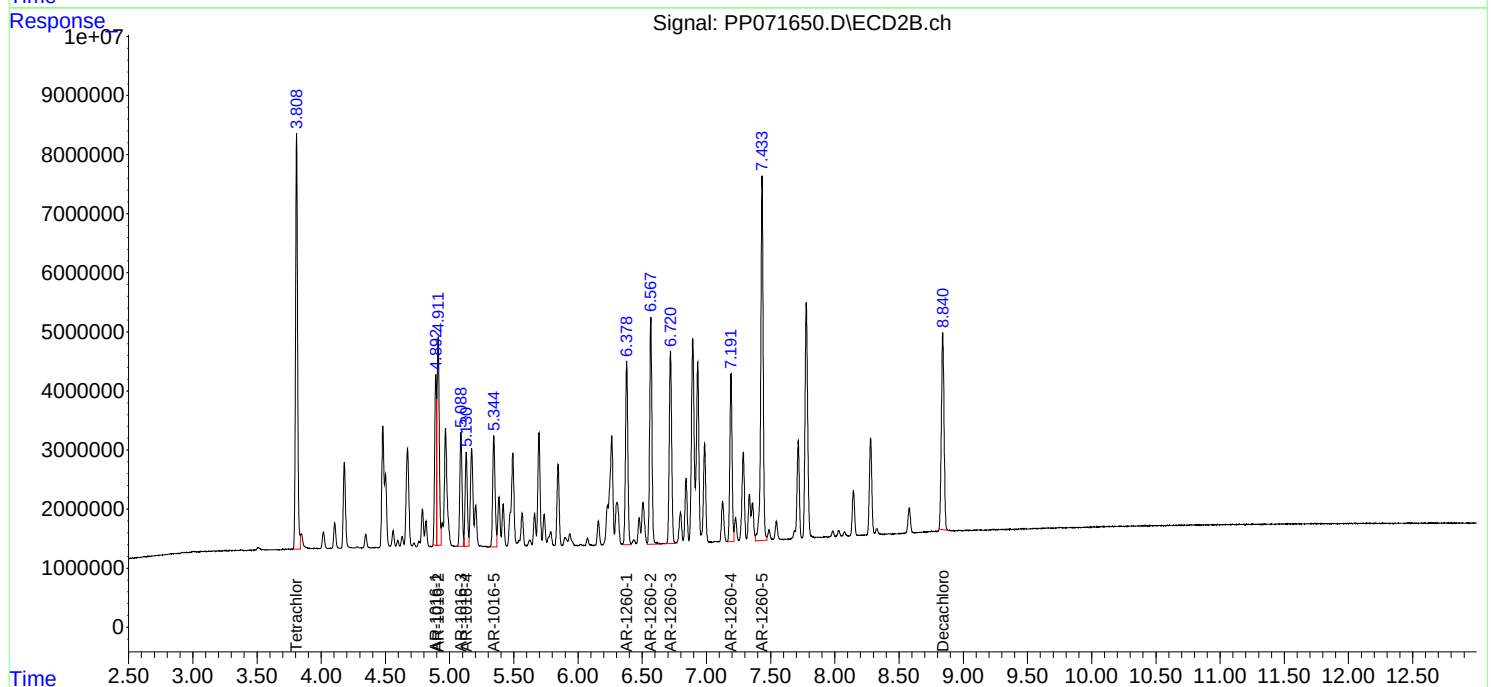
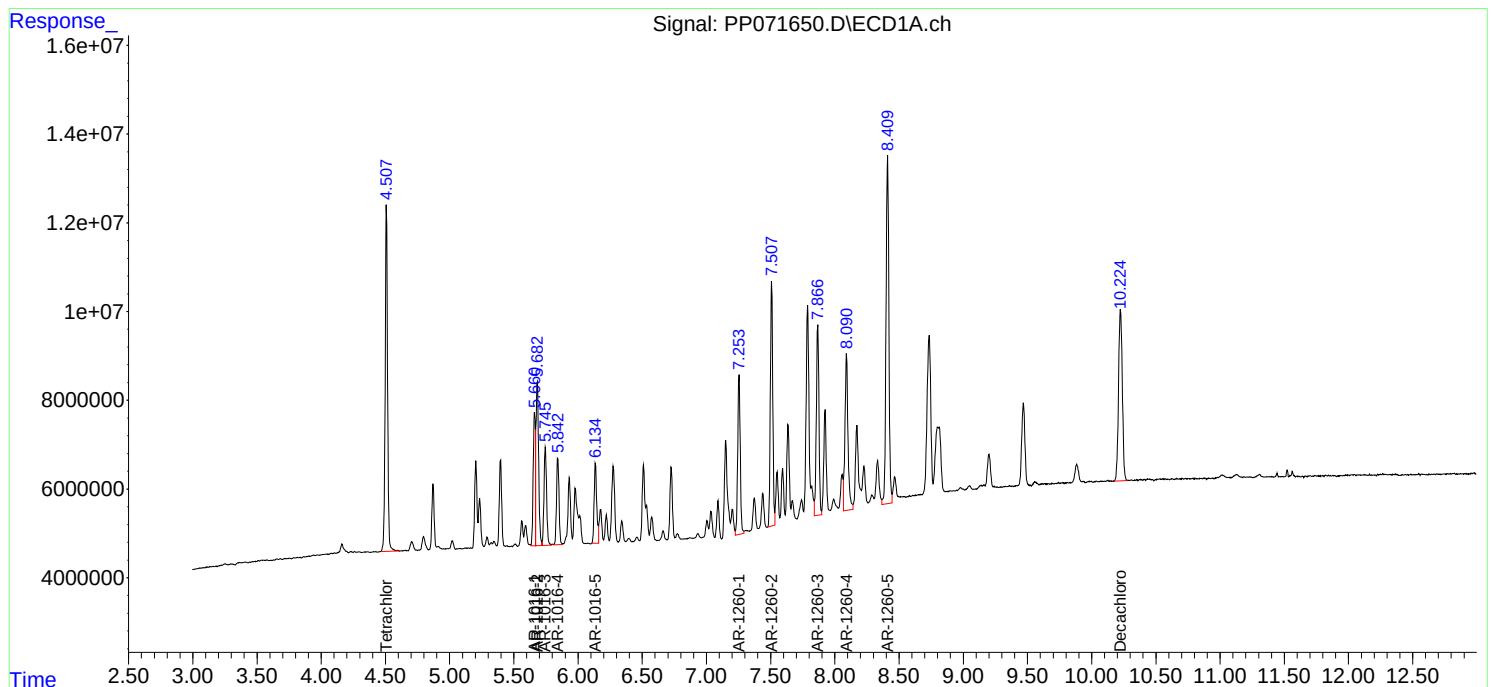
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP043025\  
Data File : PP071650.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Apr 2025 16:11  
Operator : YP\AJ  
Sample : AR1660CCC500  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 01 00:59:47 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Apr 23 05:02:06 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



## Analytical Sequence

|                                       |                                                                 |
|---------------------------------------|-----------------------------------------------------------------|
| Client: Portal Partners Tri-Venture   | SDG No.: Q1901                                                  |
| Project: Amtrak Sawtooth Bridges 2025 | Instrument ID: ECD_O                                            |
| GC Column: ZB-MR1                     | ID: 0.32 (mm)    Inst. Calib. Date(s): 04/10/2025    04/10/2025 |

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,  
AND STANDARDS IS GIVEN BELOW:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | DATE<br>ANALYZED | TIME<br>ANALYZED | DATAFILE   | DCB<br>RT # | TCX<br>RT # |
|-------------------|------------------|------------------|------------------|------------|-------------|-------------|
| IBLK              | IBLK             | 04/10/2025       | 09:17            | PO110348.D | 8.73        | 3.69        |
| AR1660ICC1000     | AR1660ICC1000    | 04/10/2025       | 09:36            | PO110349.D | 8.73        | 3.69        |
| AR1660ICC750      | AR1660ICC750     | 04/10/2025       | 09:54            | PO110350.D | 8.73        | 3.69        |
| AR1660ICC500      | AR1660ICC500     | 04/10/2025       | 10:13            | PO110351.D | 8.73        | 3.69        |
| AR1660ICC250      | AR1660ICC250     | 04/10/2025       | 10:31            | PO110352.D | 8.73        | 3.69        |
| AR1660ICC050      | AR1660ICC050     | 04/10/2025       | 10:49            | PO110353.D | 8.73        | 3.69        |
| AR1221ICC500      | AR1221ICC500     | 04/10/2025       | 11:08            | PO110354.D | 8.73        | 3.69        |
| AR1232ICC500      | AR1232ICC500     | 04/10/2025       | 11:26            | PO110355.D | 8.73        | 3.69        |
| AR1242ICC1000     | AR1242ICC1000    | 04/10/2025       | 11:44            | PO110356.D | 8.73        | 3.69        |
| AR1242ICC750      | AR1242ICC750     | 04/10/2025       | 12:03            | PO110357.D | 8.73        | 3.69        |
| AR1242ICC500      | AR1242ICC500     | 04/10/2025       | 12:21            | PO110358.D | 8.73        | 3.69        |
| AR1242ICC250      | AR1242ICC250     | 04/10/2025       | 12:39            | PO110359.D | 8.73        | 3.69        |
| AR1242ICC050      | AR1242ICC050     | 04/10/2025       | 12:58            | PO110360.D | 8.73        | 3.69        |
| AR1248ICC1000     | AR1248ICC1000    | 04/10/2025       | 13:16            | PO110361.D | 8.73        | 3.69        |
| AR1248ICC750      | AR1248ICC750     | 04/10/2025       | 13:35            | PO110362.D | 8.73        | 3.69        |
| AR1248ICC500      | AR1248ICC500     | 04/10/2025       | 13:53            | PO110363.D | 8.73        | 3.69        |
| AR1248ICC250      | AR1248ICC250     | 04/10/2025       | 14:11            | PO110364.D | 8.73        | 3.69        |
| AR1248ICC050      | AR1248ICC050     | 04/10/2025       | 14:30            | PO110365.D | 8.73        | 3.69        |
| AR1254ICC1000     | AR1254ICC1000    | 04/10/2025       | 14:48            | PO110366.D | 8.73        | 3.69        |
| AR1254ICC750      | AR1254ICC750     | 04/10/2025       | 15:06            | PO110367.D | 8.73        | 3.69        |
| AR1254ICC500      | AR1254ICC500     | 04/10/2025       | 15:25            | PO110368.D | 8.73        | 3.69        |
| AR1254ICC250      | AR1254ICC250     | 04/10/2025       | 15:43            | PO110369.D | 8.73        | 3.69        |
| AR1254ICC050      | AR1254ICC050     | 04/10/2025       | 16:02            | PO110370.D | 8.73        | 3.69        |
| AR1262ICC500      | AR1262ICC500     | 04/10/2025       | 16:20            | PO110371.D | 8.73        | 3.69        |
| AR1268ICC1000     | AR1268ICC1000    | 04/10/2025       | 16:38            | PO110372.D | 8.73        | 3.69        |
| AR1268ICC750      | AR1268ICC750     | 04/10/2025       | 16:57            | PO110373.D | 8.73        | 3.69        |
| AR1268ICC500      | AR1268ICC500     | 04/10/2025       | 17:15            | PO110374.D | 8.73        | 3.69        |
| AR1268ICC250      | AR1268ICC250     | 04/10/2025       | 17:33            | PO110375.D | 8.73        | 3.69        |
| AR1268ICC050      | AR1268ICC050     | 04/10/2025       | 17:52            | PO110376.D | 8.73        | 3.69        |
| AR1660CCC500      | AR1660CCC500     | 04/29/2025       | 09:24            | PO110846.D | 8.73        | 3.69        |
| IBLK              | IBLK             | 04/29/2025       | 10:40            | PO110850.D | 8.73        | 3.69        |
| B-170-SB02        | Q1901-05         | 04/29/2025       | 13:36            | PO110856.D | 8.73        | 3.69        |
| AR1660CCC500      | AR1660CCC500     | 04/29/2025       | 15:58            | PO110861.D | 8.73        | 3.69        |
| IBLK              | IBLK             | 04/29/2025       | 17:29            | PO110865.D | 8.73        | 3.69        |
| VNJ-210MS         | Q1904-01MS       | 04/29/2025       | 18:05            | PO110867.D | 8.73        | 3.68        |
| VNJ-210MSD        | Q1904-01MSD      | 04/29/2025       | 18:23            | PO110868.D | 8.73        | 3.69        |
| FB04262025        | Q1901-06         | 04/29/2025       | 20:14            | PO110874.D | 8.73        | 3.69        |
| AR1660CCC500      | AR1660CCC500     | 04/29/2025       | 22:00            | PO110876.D | 8.73        | 3.69        |
| IBLK              | IBLK             | 04/29/2025       | 23:31            | PO110880.D | 8.73        | 3.69        |
| IBLK              | IBLK             | 04/22/2025       | 10:13            | PP071388.D | 10.23       | 4.51        |
| AR1660ICC1000     | AR1660ICC1000    | 04/22/2025       | 10:29            | PP071389.D | 10.23       | 4.51        |
| AR1660ICC750      | AR1660ICC750     | 04/22/2025       | 10:45            | PP071390.D | 10.23       | 4.51        |

### Analytical Sequence

|                   |               |            |       |            |       |      |
|-------------------|---------------|------------|-------|------------|-------|------|
| AR1660ICC500      | AR1660ICC500  | 04/22/2025 | 11:02 | PP071391.D | 10.24 | 4.52 |
| AR1660ICC250      | AR1660ICC250  | 04/22/2025 | 11:18 | PP071392.D | 10.23 | 4.51 |
| AR1660ICC050      | AR1660ICC050  | 04/22/2025 | 11:34 | PP071393.D | 10.24 | 4.52 |
| AR1221ICC500      | AR1221ICC500  | 04/22/2025 | 11:51 | PP071394.D | 10.23 | 4.51 |
| AR1232ICC500      | AR1232ICC500  | 04/22/2025 | 12:07 | PP071395.D | 10.23 | 4.52 |
| AR1242ICC1000     | AR1242ICC1000 | 04/22/2025 | 12:23 | PP071396.D | 10.23 | 4.51 |
| AR1242ICC750      | AR1242ICC750  | 04/22/2025 | 12:39 | PP071397.D | 10.24 | 4.52 |
| AR1242ICC500      | AR1242ICC500  | 04/22/2025 | 12:56 | PP071398.D | 10.24 | 4.51 |
| AR1242ICC250      | AR1242ICC250  | 04/22/2025 | 13:12 | PP071399.D | 10.23 | 4.51 |
| AR1242ICC050      | AR1242ICC050  | 04/22/2025 | 13:28 | PP071400.D | 10.24 | 4.52 |
| AR1248ICC1000     | AR1248ICC1000 | 04/22/2025 | 13:45 | PP071401.D | 10.24 | 4.52 |
| AR1248ICC750      | AR1248ICC750  | 04/22/2025 | 14:01 | PP071402.D | 10.24 | 4.52 |
| AR1248ICC500      | AR1248ICC500  | 04/22/2025 | 14:17 | PP071403.D | 10.24 | 4.51 |
| AR1248ICC250      | AR1248ICC250  | 04/22/2025 | 14:33 | PP071404.D | 10.24 | 4.51 |
| AR1248ICC050      | AR1248ICC050  | 04/22/2025 | 14:50 | PP071405.D | 10.24 | 4.51 |
| AR1254ICC1000     | AR1254ICC1000 | 04/22/2025 | 15:06 | PP071406.D | 10.24 | 4.52 |
| AR1254ICC750      | AR1254ICC750  | 04/22/2025 | 15:22 | PP071407.D | 10.24 | 4.52 |
| AR1254ICC500      | AR1254ICC500  | 04/22/2025 | 15:38 | PP071408.D | 10.24 | 4.52 |
| AR1254ICC250      | AR1254ICC250  | 04/22/2025 | 15:55 | PP071409.D | 10.23 | 4.51 |
| AR1254ICC050      | AR1254ICC050  | 04/22/2025 | 16:11 | PP071410.D | 10.24 | 4.51 |
| AR1262ICC500      | AR1262ICC500  | 04/22/2025 | 16:27 | PP071411.D | 10.24 | 4.52 |
| AR1268ICC1000     | AR1268ICC1000 | 04/22/2025 | 16:44 | PP071412.D | 10.24 | 4.51 |
| AR1268ICC750      | AR1268ICC750  | 04/22/2025 | 17:00 | PP071413.D | 10.23 | 4.52 |
| AR1268ICC500      | AR1268ICC500  | 04/22/2025 | 17:16 | PP071414.D | 10.24 | 4.52 |
| AR1268ICC250      | AR1268ICC250  | 04/22/2025 | 17:33 | PP071415.D | 10.24 | 4.52 |
| AR1268ICC050      | AR1268ICC050  | 04/22/2025 | 17:49 | PP071416.D | 10.24 | 4.51 |
| AR1660CCC500      | AR1660CCC500  | 04/29/2025 | 10:33 | PP071599.D | 10.23 | 4.51 |
| I.BLK             | I.BLK         | 04/29/2025 | 11:40 | PP071603.D | 10.23 | 4.51 |
| PB167776BL        | PB167776BL    | 04/29/2025 | 13:30 | PP071607.D | 10.23 | 4.51 |
| PB167776BS        | PB167776BS    | 04/29/2025 | 13:46 | PP071608.D | 10.23 | 4.51 |
| AR1660CCC500      | AR1660CCC500  | 04/29/2025 | 16:29 | PP071614.D | 10.23 | 4.51 |
| I.BLK             | I.BLK         | 04/29/2025 | 17:51 | PP071618.D | 10.23 | 4.51 |
| B-167-SB01        | Q1901-02      | 04/29/2025 | 18:56 | PP071622.D | 10.23 | 4.51 |
| B-167-SB02        | Q1901-04      | 04/29/2025 | 19:12 | PP071623.D | 10.23 | 4.52 |
| PB167782BL        | PB167782BL    | 04/29/2025 | 19:29 | PP071624.D | 10.23 | 4.51 |
| PB167782BS        | PB167782BS    | 04/29/2025 | 19:45 | PP071625.D | 10.23 | 4.51 |
| PB167782BSD       | PB167782BSD   | 04/29/2025 | 20:01 | PP071626.D | 10.24 | 4.52 |
| AR1660CCC500      | AR1660CCC500  | 04/29/2025 | 21:55 | PP071629.D | 10.23 | 4.51 |
| I.BLK             | I.BLK         | 04/29/2025 | 23:17 | PP071633.D | 10.23 | 4.51 |
| AR1660CCC500      | AR1660CCC500  | 04/30/2025 | 09:07 | PP071635.D | 10.23 | 4.51 |
| I.BLK             | I.BLK         | 04/30/2025 | 10:17 | PP071639.D | 10.22 | 4.51 |
| PB167794BL        | PB167794BL    | 04/30/2025 | 12:39 | PP071641.D | 10.23 | 4.51 |
| PB167794BS        | PB167794BS    | 04/30/2025 | 12:56 | PP071642.D | 10.23 | 4.51 |
| B-170-SB01        | Q1901-03      | 04/30/2025 | 13:12 | PP071643.D | 10.23 | 4.51 |
| MOO-25-0123-27MS  | Q1910-01MS    | 04/30/2025 | 14:49 | PP071648.D | 10.23 | 4.51 |
| MOO-25-0123-27MSD | Q1910-01MSD   | 04/30/2025 | 15:05 | PP071649.D | 10.23 | 4.51 |
| AR1660CCC500      | AR1660CCC500  | 04/30/2025 | 16:11 | PP071650.D | 10.23 | 4.51 |
| I.BLK             | I.BLK         | 04/30/2025 | 17:16 | PP071654.D | 10.23 | 4.51 |

## Analytical Sequence

|                                       |                                                                 |
|---------------------------------------|-----------------------------------------------------------------|
| Client: Portal Partners Tri-Venture   | SDG No.: Q1901                                                  |
| Project: Amtrak Sawtooth Bridges 2025 | Instrument ID: ECD_O                                            |
| GC Column: ZB-MR2                     | ID: 0.32 (mm)    Inst. Calib. Date(s): 04/10/2025    04/10/2025 |

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,  
AND STANDARDS IS GIVEN BELOW:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | DATE<br>ANALYZED | TIME<br>ANALYZED | DATAFILE   | DCB<br>RT # | TCX<br>RT # |
|-------------------|------------------|------------------|------------------|------------|-------------|-------------|
| IBLK              | IBLK             | 04/10/2025       | 09:17            | PO110348.D | 8.68        | 3.68        |
| AR1660ICC1000     | AR1660ICC1000    | 04/10/2025       | 09:36            | PO110349.D | 8.69        | 3.69        |
| AR1660ICC750      | AR1660ICC750     | 04/10/2025       | 09:54            | PO110350.D | 8.69        | 3.69        |
| AR1660ICC500      | AR1660ICC500     | 04/10/2025       | 10:13            | PO110351.D | 8.68        | 3.69        |
| AR1660ICC250      | AR1660ICC250     | 04/10/2025       | 10:31            | PO110352.D | 8.68        | 3.69        |
| AR1660ICC050      | AR1660ICC050     | 04/10/2025       | 10:49            | PO110353.D | 8.68        | 3.69        |
| AR1221ICC500      | AR1221ICC500     | 04/10/2025       | 11:08            | PO110354.D | 8.68        | 3.69        |
| AR1232ICC500      | AR1232ICC500     | 04/10/2025       | 11:26            | PO110355.D | 8.68        | 3.69        |
| AR1242ICC1000     | AR1242ICC1000    | 04/10/2025       | 11:44            | PO110356.D | 8.68        | 3.69        |
| AR1242ICC750      | AR1242ICC750     | 04/10/2025       | 12:03            | PO110357.D | 8.68        | 3.69        |
| AR1242ICC500      | AR1242ICC500     | 04/10/2025       | 12:21            | PO110358.D | 8.68        | 3.68        |
| AR1242ICC250      | AR1242ICC250     | 04/10/2025       | 12:39            | PO110359.D | 8.68        | 3.69        |
| AR1242ICC050      | AR1242ICC050     | 04/10/2025       | 12:58            | PO110360.D | 8.68        | 3.68        |
| AR1248ICC1000     | AR1248ICC1000    | 04/10/2025       | 13:16            | PO110361.D | 8.68        | 3.69        |
| AR1248ICC750      | AR1248ICC750     | 04/10/2025       | 13:35            | PO110362.D | 8.69        | 3.69        |
| AR1248ICC500      | AR1248ICC500     | 04/10/2025       | 13:53            | PO110363.D | 8.69        | 3.69        |
| AR1248ICC250      | AR1248ICC250     | 04/10/2025       | 14:11            | PO110364.D | 8.68        | 3.69        |
| AR1248ICC050      | AR1248ICC050     | 04/10/2025       | 14:30            | PO110365.D | 8.68        | 3.68        |
| AR1254ICC1000     | AR1254ICC1000    | 04/10/2025       | 14:48            | PO110366.D | 8.68        | 3.69        |
| AR1254ICC750      | AR1254ICC750     | 04/10/2025       | 15:06            | PO110367.D | 8.68        | 3.69        |
| AR1254ICC500      | AR1254ICC500     | 04/10/2025       | 15:25            | PO110368.D | 8.68        | 3.69        |
| AR1254ICC250      | AR1254ICC250     | 04/10/2025       | 15:43            | PO110369.D | 8.68        | 3.68        |
| AR1254ICC050      | AR1254ICC050     | 04/10/2025       | 16:02            | PO110370.D | 8.68        | 3.69        |
| AR1262ICC500      | AR1262ICC500     | 04/10/2025       | 16:20            | PO110371.D | 8.68        | 3.69        |
| AR1268ICC1000     | AR1268ICC1000    | 04/10/2025       | 16:38            | PO110372.D | 8.68        | 3.68        |
| AR1268ICC750      | AR1268ICC750     | 04/10/2025       | 16:57            | PO110373.D | 8.68        | 3.68        |
| AR1268ICC500      | AR1268ICC500     | 04/10/2025       | 17:15            | PO110374.D | 8.68        | 3.69        |
| AR1268ICC250      | AR1268ICC250     | 04/10/2025       | 17:33            | PO110375.D | 8.68        | 3.69        |
| AR1268ICC050      | AR1268ICC050     | 04/10/2025       | 17:52            | PO110376.D | 8.68        | 3.68        |
| AR1660CCC500      | AR1660CCC500     | 04/29/2025       | 09:24            | PO110846.D | 8.68        | 3.68        |
| IBLK              | IBLK             | 04/29/2025       | 10:40            | PO110850.D | 8.68        | 3.68        |
| B-170-SB02        | Q1901-05         | 04/29/2025       | 13:36            | PO110856.D | 8.68        | 3.68        |
| AR1660CCC500      | AR1660CCC500     | 04/29/2025       | 15:58            | PO110861.D | 8.68        | 3.68        |
| IBLK              | IBLK             | 04/29/2025       | 17:29            | PO110865.D | 8.68        | 3.68        |
| VNJ-210MS         | Q1904-01MS       | 04/29/2025       | 18:05            | PO110867.D | 8.68        | 3.68        |
| VNJ-210MSD        | Q1904-01MSD      | 04/29/2025       | 18:23            | PO110868.D | 8.68        | 3.68        |
| FB04262025        | Q1901-06         | 04/29/2025       | 20:14            | PO110874.D | 8.68        | 3.68        |
| AR1660CCC500      | AR1660CCC500     | 04/29/2025       | 22:00            | PO110876.D | 8.68        | 3.68        |
| IBLK              | IBLK             | 04/29/2025       | 23:31            | PO110880.D | 8.68        | 3.68        |
| IBLK              | IBLK             | 04/22/2025       | 10:13            | PP071388.D | 8.85        | 3.81        |
| AR1660ICC1000     | AR1660ICC1000    | 04/22/2025       | 10:29            | PP071389.D | 8.85        | 3.81        |
| AR1660ICC750      | AR1660ICC750     | 04/22/2025       | 10:45            | PP071390.D | 8.85        | 3.81        |



### Analytical Sequence

|                   |               |            |       |            |      |      |
|-------------------|---------------|------------|-------|------------|------|------|
| AR1660ICC500      | AR1660ICC500  | 04/22/2025 | 11:02 | PP071391.D | 8.85 | 3.81 |
| AR1660ICC250      | AR1660ICC250  | 04/22/2025 | 11:18 | PP071392.D | 8.85 | 3.81 |
| AR1660ICC050      | AR1660ICC050  | 04/22/2025 | 11:34 | PP071393.D | 8.85 | 3.81 |
| AR1221ICC500      | AR1221ICC500  | 04/22/2025 | 11:51 | PP071394.D | 8.85 | 3.81 |
| AR1232ICC500      | AR1232ICC500  | 04/22/2025 | 12:07 | PP071395.D | 8.85 | 3.81 |
| AR1242ICC1000     | AR1242ICC1000 | 04/22/2025 | 12:23 | PP071396.D | 8.85 | 3.81 |
| AR1242ICC750      | AR1242ICC750  | 04/22/2025 | 12:39 | PP071397.D | 8.85 | 3.81 |
| AR1242ICC500      | AR1242ICC500  | 04/22/2025 | 12:56 | PP071398.D | 8.85 | 3.81 |
| AR1242ICC250      | AR1242ICC250  | 04/22/2025 | 13:12 | PP071399.D | 8.85 | 3.81 |
| AR1242ICC050      | AR1242ICC050  | 04/22/2025 | 13:28 | PP071400.D | 8.85 | 3.81 |
| AR1248ICC1000     | AR1248ICC1000 | 04/22/2025 | 13:45 | PP071401.D | 8.85 | 3.81 |
| AR1248ICC750      | AR1248ICC750  | 04/22/2025 | 14:01 | PP071402.D | 8.85 | 3.81 |
| AR1248ICC500      | AR1248ICC500  | 04/22/2025 | 14:17 | PP071403.D | 8.85 | 3.81 |
| AR1248ICC250      | AR1248ICC250  | 04/22/2025 | 14:33 | PP071404.D | 8.85 | 3.81 |
| AR1248ICC050      | AR1248ICC050  | 04/22/2025 | 14:50 | PP071405.D | 8.85 | 3.81 |
| AR1254ICC1000     | AR1254ICC1000 | 04/22/2025 | 15:06 | PP071406.D | 8.85 | 3.81 |
| AR1254ICC750      | AR1254ICC750  | 04/22/2025 | 15:22 | PP071407.D | 8.85 | 3.81 |
| AR1254ICC500      | AR1254ICC500  | 04/22/2025 | 15:38 | PP071408.D | 8.85 | 3.81 |
| AR1254ICC250      | AR1254ICC250  | 04/22/2025 | 15:55 | PP071409.D | 8.85 | 3.81 |
| AR1254ICC050      | AR1254ICC050  | 04/22/2025 | 16:11 | PP071410.D | 8.85 | 3.81 |
| AR1262ICC500      | AR1262ICC500  | 04/22/2025 | 16:27 | PP071411.D | 8.85 | 3.81 |
| AR1268ICC1000     | AR1268ICC1000 | 04/22/2025 | 16:44 | PP071412.D | 8.85 | 3.81 |
| AR1268ICC750      | AR1268ICC750  | 04/22/2025 | 17:00 | PP071413.D | 8.85 | 3.81 |
| AR1268ICC500      | AR1268ICC500  | 04/22/2025 | 17:16 | PP071414.D | 8.85 | 3.81 |
| AR1268ICC250      | AR1268ICC250  | 04/22/2025 | 17:33 | PP071415.D | 8.85 | 3.81 |
| AR1268ICC050      | AR1268ICC050  | 04/22/2025 | 17:49 | PP071416.D | 8.85 | 3.81 |
| AR1660CCC500      | AR1660CCC500  | 04/29/2025 | 10:33 | PP071599.D | 8.84 | 3.81 |
| I.BLK             | I.BLK         | 04/29/2025 | 11:40 | PP071603.D | 8.84 | 3.81 |
| PB167776BL        | PB167776BL    | 04/29/2025 | 13:30 | PP071607.D | 8.84 | 3.81 |
| PB167776BS        | PB167776BS    | 04/29/2025 | 13:46 | PP071608.D | 8.84 | 3.81 |
| AR1660CCC500      | AR1660CCC500  | 04/29/2025 | 16:29 | PP071614.D | 8.84 | 3.81 |
| I.BLK             | I.BLK         | 04/29/2025 | 17:51 | PP071618.D | 8.84 | 3.81 |
| B-167-SB01        | Q1901-02      | 04/29/2025 | 18:56 | PP071622.D | 8.84 | 3.81 |
| B-167-SB02        | Q1901-04      | 04/29/2025 | 19:12 | PP071623.D | 8.84 | 3.81 |
| PB167782BL        | PB167782BL    | 04/29/2025 | 19:29 | PP071624.D | 8.84 | 3.81 |
| PB167782BS        | PB167782BS    | 04/29/2025 | 19:45 | PP071625.D | 8.84 | 3.81 |
| PB167782BSD       | PB167782BSD   | 04/29/2025 | 20:01 | PP071626.D | 8.84 | 3.81 |
| AR1660CCC500      | AR1660CCC500  | 04/29/2025 | 21:55 | PP071629.D | 8.84 | 3.81 |
| I.BLK             | I.BLK         | 04/29/2025 | 23:17 | PP071633.D | 8.84 | 3.81 |
| AR1660CCC500      | AR1660CCC500  | 04/30/2025 | 09:07 | PP071635.D | 8.84 | 3.81 |
| I.BLK             | I.BLK         | 04/30/2025 | 10:17 | PP071639.D | 8.84 | 3.81 |
| PB167794BL        | PB167794BL    | 04/30/2025 | 12:39 | PP071641.D | 8.84 | 3.81 |
| PB167794BS        | PB167794BS    | 04/30/2025 | 12:56 | PP071642.D | 8.84 | 3.81 |
| B-170-SB01        | Q1901-03      | 04/30/2025 | 13:12 | PP071643.D | 8.84 | 3.81 |
| MOO-25-0123-27MS  | Q1910-01MS    | 04/30/2025 | 14:49 | PP071648.D | 8.84 | 3.81 |
| MOO-25-0123-27MSD | Q1910-01MSD   | 04/30/2025 | 15:05 | PP071649.D | 8.84 | 3.81 |
| AR1660CCC500      | AR1660CCC500  | 04/30/2025 | 16:11 | PP071650.D | 8.84 | 3.81 |
| I.BLK             | I.BLK         | 04/30/2025 | 17:16 | PP071654.D | 8.84 | 3.81 |

IDENTIFICATION SUMMARY  
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

VNJ-210MS

Contract: PORT06

Lab Code: CHEM Case No.: Q1901 SAS No.: Q1901 SDG NO.: Q1901

Lab Sample ID: Q1904-01MS Date(s) Analyzed: 04/29/2025 04/29/2025

Instrument ID (1): ECD\_O Instrument ID (2): ECD\_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column: (2): ZB-MR2 ID: 0.32 (mm)

Data file PO110867.D

| ANALYTE      | COL | RT    | RT WINDOW |       | CONCENTRATION | MEAN<br>CONCENTRATION | %RPD |
|--------------|-----|-------|-----------|-------|---------------|-----------------------|------|
|              |     |       | FROM      | TO    |               |                       |      |
| Aroclor-1016 | 1   | 4.774 | 4.724     | 4.824 | 205           | 201                   | 7.75 |
| COLUMN 1     | 2   | 4.793 | 4.743     | 4.843 | 206           |                       |      |
|              | 3   | 4.85  | 4.8       | 4.9   | 201           |                       |      |
|              | 4   | 4.97  | 4.92      | 5.02  | 204           |                       |      |
|              | 5   | 5.227 | 5.177     | 5.277 | 187           |                       |      |
|              | 1   | 4.762 | 4.712     | 4.812 | 201           |                       |      |
| COLUMN 2     | 2   | 4.781 | 4.731     | 4.831 | 195           | 186                   |      |
|              | 3   | 4.956 | 4.906     | 5.006 | 185           |                       |      |
|              | 4   | 4.998 | 4.948     | 5.048 | 179           |                       |      |
|              | 5   | 5.21  | 5.16      | 5.26  | 169           |                       |      |
|              |     |       |           |       |               |                       |      |
| Aroclor-1260 | 1   | 6.267 | 6.217     | 6.317 | 216           | 187                   | 5.49 |
| COLUMN 1     | 2   | 6.456 | 6.406     | 6.506 | 195           |                       |      |
|              | 3   | 6.823 | 6.773     | 6.873 | 166           |                       |      |
|              | 4   | 7.083 | 7.033     | 7.133 | 182           |                       |      |
|              | 5   | 7.326 | 7.276     | 7.376 | 173           |                       |      |
|              | 1   | 6.242 | 6.192     | 6.292 | 201           | 177                   |      |
| COLUMN 2     | 2   | 6.429 | 6.379     | 6.479 | 176           |                       |      |
|              | 3   | 6.582 | 6.532     | 6.632 | 181           |                       |      |
|              | 4   | 7.053 | 7.003     | 7.103 | 165           |                       |      |
|              | 5   | 7.295 | 7.245     | 7.345 | 161           |                       |      |
|              |     |       |           |       |               |                       |      |

IDENTIFICATION SUMMARY  
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

VNJ-210MSD

Contract: PORT06

Lab Code: CHEM

Case No.: Q1901

SAS No.: Q1901

SDG NO.: Q1901

Lab Sample ID: Q1904-01MSD

Date(s) Analyzed: 04/29/2025

04/29/2025

Instrument ID (1): ECD\_O

Instrument ID (2): ECD\_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm)

GC Column: (2): ZB-MR2 ID: 0.32 (mm)

Data file PO110868.D

| ANALYTE      | COL | RT    | RT WINDOW |       | CONCENTRATION | MEAN<br>CONCENTRATION | %RPD |
|--------------|-----|-------|-----------|-------|---------------|-----------------------|------|
|              |     |       | FROM      | TO    |               |                       |      |
| Aroclor-1016 | 1   | 4.776 | 4.726     | 4.826 | 206           | 199                   | 7.83 |
| COLUMN 1     | 2   | 4.795 | 4.745     | 4.845 | 203           |                       |      |
|              | 3   | 4.851 | 4.801     | 4.901 | 202           |                       |      |
|              | 4   | 4.971 | 4.921     | 5.021 | 202           |                       |      |
|              | 5   | 5.229 | 5.179     | 5.279 | 184           |                       |      |
|              | 1   | 4.762 | 4.712     | 4.812 | 198           |                       |      |
| COLUMN 2     | 2   | 4.781 | 4.731     | 4.831 | 194           | 184                   |      |
|              | 3   | 4.957 | 4.907     | 5.007 | 183           |                       |      |
|              | 4   | 4.999 | 4.949     | 5.049 | 174           |                       |      |
|              | 5   | 5.211 | 5.161     | 5.261 | 169           |                       |      |
|              |     |       |           |       |               |                       |      |
| Aroclor-1260 | 1   | 6.268 | 6.218     | 6.318 | 214           | 183                   | 5.04 |
| COLUMN 1     | 2   | 6.458 | 6.408     | 6.508 | 192           |                       |      |
|              | 3   | 6.825 | 6.775     | 6.875 | 163           |                       |      |
|              | 4   | 7.085 | 7.035     | 7.135 | 177           |                       |      |
|              | 5   | 7.327 | 7.277     | 7.377 | 169           |                       |      |
|              | 1   | 6.242 | 6.192     | 6.292 | 196           |                       |      |
| COLUMN 2     | 2   | 6.43  | 6.38      | 6.48  | 172           | 174                   |      |
|              | 3   | 6.583 | 6.533     | 6.633 | 180           |                       |      |
|              | 4   | 7.053 | 7.003     | 7.103 | 162           |                       |      |
|              | 5   | 7.294 | 7.244     | 7.344 | 157           |                       |      |
|              |     |       |           |       |               |                       |      |

IDENTIFICATION SUMMARY  
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB167776BS

Contract: PORT06

Lab Code: CHEM

Case No.: Q1901

SAS No.: Q1901

SDG NO.: Q1901

Lab Sample ID: PB167776BS

Date(s) Analyzed: 04/29/2025

04/29/2025

Instrument ID (1): ECD\_P

Instrument ID (2): ECD\_P

GC Column: (1): ZB-MR1 ID: 0.32 (mm)

GC Column: (2): ZB-MR2 ID: 0.32 (mm)

Data file PP071608.D

| ANALYTE      | COL | RT    | RT WINDOW |       | CONCENTRATION | MEAN<br>CONCENTRATION | %RPD |
|--------------|-----|-------|-----------|-------|---------------|-----------------------|------|
|              |     |       | FROM      | TO    |               |                       |      |
| Aroclor-1016 | 1   | 5.667 | 5.617     | 5.717 | 143           | 144                   | 8    |
| COLUMN 1     | 2   | 5.689 | 5.639     | 5.739 | 147           |                       |      |
|              | 3   | 5.752 | 5.702     | 5.802 | 143           |                       |      |
|              | 4   | 5.849 | 5.799     | 5.899 | 147           |                       |      |
|              | 5   | 6.141 | 6.091     | 6.191 | 141           |                       |      |
|              | 1   | 4.894 | 4.844     | 4.944 | 154           |                       |      |
| COLUMN 2     | 2   | 4.912 | 4.862     | 4.962 | 158           | 156                   |      |
|              | 3   | 5.09  | 5.04      | 5.14  | 158           |                       |      |
|              | 4   | 5.131 | 5.081     | 5.181 | 156           |                       |      |
|              | 5   | 5.345 | 5.295     | 5.395 | 154           |                       |      |
|              |     |       |           |       |               |                       |      |
| Aroclor-1260 | 1   | 7.26  | 7.21      | 7.31  | 150           | 143                   | 9.33 |
| COLUMN 1     | 2   | 7.513 | 7.463     | 7.563 | 151           |                       |      |
|              | 3   | 7.872 | 7.822     | 7.922 | 133           |                       |      |
|              | 4   | 8.097 | 8.047     | 8.147 | 140           |                       |      |
|              | 5   | 8.416 | 8.366     | 8.466 | 140           |                       |      |
|              | 1   | 6.38  | 6.33      | 6.43  | 165           |                       |      |
| COLUMN 2     | 2   | 6.569 | 6.519     | 6.619 | 165           | 157                   |      |
|              | 3   | 6.721 | 6.671     | 6.771 | 166           |                       |      |
|              | 4   | 7.192 | 7.142     | 7.242 | 146           |                       |      |
|              | 5   | 7.434 | 7.384     | 7.484 | 142           |                       |      |
|              |     |       |           |       |               |                       |      |

IDENTIFICATION SUMMARY  
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB167782BS

Contract: PORT06

Lab Code: CHEM

Case No.: Q1901

SAS No.: Q1901

SDG NO.: Q1901

Lab Sample ID: PB167782BS

Date(s) Analyzed: 04/29/2025

04/29/2025

Instrument ID (1): ECD\_P

Instrument ID (2): ECD\_P

GC Column: (1): ZB-MR1 ID: 0.32 (mm)

GC Column: (2): ZB-MR2 ID: 0.32 (mm)

Data file PP071625.D

| ANALYTE      | COL | RT    | RT WINDOW |       | CONCENTRATION | MEAN<br>CONCENTRATION | %RPD  |
|--------------|-----|-------|-----------|-------|---------------|-----------------------|-------|
|              |     |       | FROM      | TO    |               |                       |       |
| Aroclor-1016 | 1   | 5.666 | 5.616     | 5.716 | 4.22          | 4.20                  | 0     |
| COLUMN 1     | 2   | 5.688 | 5.638     | 5.738 | 4.26          |                       |       |
|              | 3   | 5.75  | 5.7       | 5.8   | 4.19          |                       |       |
|              | 4   | 5.847 | 5.797     | 5.897 | 4.22          |                       |       |
|              | 5   | 6.141 | 6.091     | 6.191 | 4.09          |                       |       |
|              | 1   | 4.895 | 4.845     | 4.945 | 4.10          |                       |       |
| COLUMN 2     | 2   | 4.913 | 4.863     | 4.963 | 4.18          | 4.20                  |       |
|              | 3   | 5.09  | 5.04      | 5.14  | 4.22          |                       |       |
|              | 4   | 5.132 | 5.082     | 5.182 | 4.20          |                       |       |
|              | 5   | 5.346 | 5.296     | 5.396 | 4.27          |                       |       |
|              |     |       |           |       |               |                       |       |
| Aroclor-1260 | 1   | 7.259 | 7.209     | 7.309 | 4.33          | 4.10                  | 11.49 |
| COLUMN 1     | 2   | 7.512 | 7.462     | 7.562 | 4.39          |                       |       |
|              | 3   | 7.872 | 7.822     | 7.922 | 3.88          |                       |       |
|              | 4   | 8.096 | 8.046     | 8.146 | 4.07          |                       |       |
|              | 5   | 8.416 | 8.366     | 8.466 | 4.01          |                       |       |
|              | 1   | 6.38  | 6.33      | 6.43  | 4.77          | 4.60                  |       |
| COLUMN 2     | 2   | 6.569 | 6.519     | 6.619 | 4.78          |                       |       |
|              | 3   | 6.721 | 6.671     | 6.771 | 4.83          |                       |       |
|              | 4   | 7.193 | 7.143     | 7.243 | 4.30          |                       |       |
|              | 5   | 7.434 | 7.384     | 7.484 | 4.23          |                       |       |
|              |     |       |           |       |               |                       |       |

IDENTIFICATION SUMMARY  
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB167782BSD

Contract: PORT06

Lab Code: CHEM Case No.: Q1901 SAS No.: Q1901 SDG NO.: Q1901

Lab Sample ID: PB167782BSD Date(s) Analyzed: 04/29/2025 04/29/2025

Instrument ID (1): ECD\_P Instrument ID (2): ECD\_P

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column: (2): ZB-MR2 ID: 0.32 (mm)

Data file PP071626.D

| ANALYTE      | COL | RT    | RT WINDOW |       | CONCENTRATION | MEAN<br>CONCENTRATION | %RPD |
|--------------|-----|-------|-----------|-------|---------------|-----------------------|------|
|              |     |       | FROM      | TO    |               |                       |      |
| Aroclor-1016 | 1   | 5.668 | 5.618     | 5.718 | 4.33          | 4.30                  | 2.3  |
| COLUMN 1     | 2   | 5.69  | 5.64      | 5.74  | 4.33          |                       |      |
|              | 3   | 5.752 | 5.702     | 5.802 | 4.29          |                       |      |
|              | 4   | 5.849 | 5.799     | 5.899 | 4.32          |                       |      |
|              | 5   | 6.142 | 6.092     | 6.192 | 4.15          |                       |      |
|              | 1   | 4.896 | 4.846     | 4.946 | 4.41          |                       |      |
| COLUMN 2     | 2   | 4.914 | 4.864     | 4.964 | 4.40          | 4.40                  |      |
|              | 3   | 5.091 | 5.041     | 5.141 | 4.47          |                       |      |
|              | 4   | 5.133 | 5.083     | 5.183 | 4.41          |                       |      |
|              | 5   | 5.347 | 5.297     | 5.397 | 4.30          |                       |      |
|              |     |       |           |       |               |                       |      |
| Aroclor-1260 | 1   | 7.262 | 7.212     | 7.312 | 4.40          | 4.20                  | 0    |
| COLUMN 1     | 2   | 7.516 | 7.466     | 7.566 | 4.45          |                       |      |
|              | 3   | 7.874 | 7.824     | 7.924 | 3.95          |                       |      |
|              | 4   | 8.098 | 8.048     | 8.148 | 4.18          |                       |      |
|              | 5   | 8.419 | 8.369     | 8.469 | 4.10          |                       |      |
|              | 1   | 6.381 | 6.331     | 6.431 | 4.38          |                       |      |
| COLUMN 2     | 2   | 6.57  | 6.52      | 6.62  | 4.35          | 4.20                  |      |
|              | 3   | 6.723 | 6.673     | 6.773 | 4.43          |                       |      |
|              | 4   | 7.194 | 7.144     | 7.244 | 3.97          |                       |      |
|              | 5   | 7.436 | 7.386     | 7.486 | 3.93          |                       |      |
|              |     |       |           |       |               |                       |      |

IDENTIFICATION SUMMARY  
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB167794BS

Contract: PORT06

Lab Code: CHEM Case No.: Q1901 SAS No.: Q1901 SDG NO.: Q1901

Lab Sample ID: PB167794BS Date(s) Analyzed: 04/30/2025 04/30/2025

Instrument ID (1): ECD\_P Instrument ID (2): ECD\_P

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column: (2): ZB-MR2 ID: 0.32 (mm)

Data file PP071642.D

| ANALYTE      | COL | RT    | RT WINDOW |       | CONCENTRATION | MEAN<br>CONCENTRATION | %RPD |
|--------------|-----|-------|-----------|-------|---------------|-----------------------|------|
|              |     |       | FROM      | TO    |               |                       |      |
| Aroclor-1016 | 1   | 5.665 | 5.615     | 5.715 | 149           | 148                   | 1.34 |
| COLUMN 1     | 2   | 5.687 | 5.637     | 5.737 | 149           |                       |      |
|              | 3   | 5.749 | 5.699     | 5.799 | 149           |                       |      |
|              | 4   | 5.846 | 5.796     | 5.896 | 150           |                       |      |
|              | 5   | 6.139 | 6.089     | 6.189 | 143           |                       |      |
|              | 1   | 4.892 | 4.842     | 4.942 | 147           |                       |      |
| COLUMN 2     | 2   | 4.911 | 4.861     | 4.961 | 149           | 150                   |      |
|              | 3   | 5.088 | 5.038     | 5.138 | 153           |                       |      |
|              | 4   | 5.129 | 5.079     | 5.179 | 152           |                       |      |
|              | 5   | 5.344 | 5.294     | 5.394 | 150           |                       |      |
|              |     |       |           |       |               |                       |      |
| Aroclor-1260 | 1   | 7.258 | 7.208     | 7.308 | 151           | 144                   | 6.06 |
| COLUMN 1     | 2   | 7.512 | 7.462     | 7.562 | 154           |                       |      |
|              | 3   | 7.87  | 7.82      | 7.92  | 134           |                       |      |
|              | 4   | 8.095 | 8.045     | 8.145 | 140           |                       |      |
|              | 5   | 8.415 | 8.365     | 8.465 | 141           |                       |      |
|              | 1   | 6.378 | 6.328     | 6.428 | 161           | 153                   |      |
| COLUMN 2     | 2   | 6.567 | 6.517     | 6.617 | 160           |                       |      |
|              | 3   | 6.719 | 6.669     | 6.769 | 160           |                       |      |
|              | 4   | 7.191 | 7.141     | 7.241 | 143           |                       |      |
|              | 5   | 7.432 | 7.382     | 7.482 | 140           |                       |      |
|              |     |       |           |       |               |                       |      |

IDENTIFICATION SUMMARY  
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

MOO-25-0123-27MS

Contract: PORT06

Lab Code: CHEM Case No.: Q1901 SAS No.: Q1901 SDG NO.: Q1901

Lab Sample ID: Q1910-01MS Date(s) Analyzed: 04/30/2025 04/30/2025

Instrument ID (1): ECD\_P Instrument ID (2): ECD\_P

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column: (2): ZB-MR2 ID: 0.32 (mm)

Data file PP071648.D

| ANALYTE      | COL | RT    | RT WINDOW |       | CONCENTRATION | MEAN<br>CONCENTRATION | %RPD  |
|--------------|-----|-------|-----------|-------|---------------|-----------------------|-------|
|              |     |       | FROM      | TO    |               |                       |       |
| Aroclor-1016 | 1   | 5.665 | 5.615     | 5.715 | 151           | 166                   | 10.13 |
| COLUMN 1     | 2   | 5.688 | 5.638     | 5.738 | 152           |                       |       |
|              | 3   | 5.749 | 5.699     | 5.799 | 146           |                       |       |
|              | 4   | 5.844 | 5.794     | 5.894 | 243           |                       |       |
|              | 5   | 6.139 | 6.089     | 6.189 | 136           |                       |       |
|              | 1   | 4.892 | 4.842     | 4.942 | 157           |                       |       |
| COLUMN 2     | 2   | 4.911 | 4.861     | 4.961 | 159           | 150                   |       |
|              | 3   | 5.087 | 5.037     | 5.137 | 132           |                       |       |
|              | 4   | 5.129 | 5.079     | 5.179 | 138           |                       |       |
|              | 5   | 5.343 | 5.293     | 5.393 | 164           |                       |       |
|              |     |       |           |       |               |                       |       |
| Aroclor-1260 | 1   | 7.258 | 7.208     | 7.308 | 181           | 206                   | 16.27 |
| COLUMN 1     | 2   | 7.512 | 7.462     | 7.562 | 394           |                       |       |
|              | 3   | 7.87  | 7.82      | 7.92  | 149           |                       |       |
|              | 4   | 8.094 | 8.044     | 8.144 | 155           |                       |       |
|              | 5   | 8.414 | 8.364     | 8.464 | 148           |                       |       |
|              | 1   | 6.378 | 6.328     | 6.428 | 173           | 175                   |       |
| COLUMN 2     | 2   | 6.566 | 6.516     | 6.616 | 178           |                       |       |
|              | 3   | 6.719 | 6.669     | 6.769 | 191           |                       |       |
|              | 4   | 7.19  | 7.14      | 7.24  | 176           |                       |       |
|              | 5   | 7.432 | 7.382     | 7.482 | 155           |                       |       |
|              |     |       |           |       |               |                       |       |



IDENTIFICATION SUMMARY  
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

MOO-25-0123-27MSD

Contract: PORT06

Lab Code: CHEM Case No.: Q1901 SAS No.: Q1901 SDG NO.: Q1901

Lab Sample ID: Q1910-01MSD Date(s) Analyzed: 04/30/2025 04/30/2025

Instrument ID (1): ECD\_P Instrument ID (2): ECD\_P

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column: (2): ZB-MR2 ID: 0.32 (mm)

Data file PP071649.D

| ANALYTE      | COL | RT    | RT WINDOW |       | CONCENTRATION | MEAN<br>CONCENTRATION | %RPD  |
|--------------|-----|-------|-----------|-------|---------------|-----------------------|-------|
|              |     |       | FROM      | TO    |               |                       |       |
| Aroclor-1016 | 1   | 5.663 | 5.613     | 5.713 | 145           | 171                   | 22.08 |
| COLUMN 1     | 2   | 5.685 | 5.635     | 5.735 | 145           |                       |       |
|              | 3   | 5.747 | 5.697     | 5.797 | 139           |                       |       |
|              | 4   | 5.84  | 5.79      | 5.89  | 269           |                       |       |
|              | 5   | 6.135 | 6.085     | 6.185 | 156           |                       |       |
|              | 1   | 4.894 | 4.844     | 4.944 | 143           |                       |       |
| COLUMN 2     | 2   | 4.912 | 4.862     | 4.962 | 149           | 137                   |       |
|              | 3   | 5.089 | 5.039     | 5.139 | 118           |                       |       |
|              | 4   | 5.131 | 5.081     | 5.181 | 130           |                       |       |
|              | 5   | 5.345 | 5.295     | 5.395 | 147           |                       |       |
|              |     |       |           |       |               |                       |       |
| Aroclor-1260 | 1   | 7.256 | 7.206     | 7.306 | 201           | 231                   | 25.92 |
| COLUMN 1     | 2   | 7.51  | 7.46      | 7.56  | 490           |                       |       |
|              | 3   | 7.868 | 7.818     | 7.918 | 155           |                       |       |
|              | 4   | 8.091 | 8.041     | 8.141 | 154           |                       |       |
|              | 5   | 8.413 | 8.363     | 8.463 | 153           |                       |       |
|              | 1   | 6.379 | 6.329     | 6.429 | 171           | 178                   |       |
| COLUMN 2     | 2   | 6.568 | 6.518     | 6.618 | 179           |                       |       |
|              | 3   | 6.721 | 6.671     | 6.771 | 191           |                       |       |
|              | 4   | 7.192 | 7.142     | 7.242 | 188           |                       |       |
|              | 5   | 7.434 | 7.384     | 7.484 | 159           |                       |       |
|              |     |       |           |       |               |                       |       |



# QC SAMPLE DATA

## Report of Analysis

|                    |                              |                    |                    |
|--------------------|------------------------------|--------------------|--------------------|
| Client:            | Portal Partners Tri-Venture  | Date Collected:    |                    |
| Project:           | Amtrak Sawtooth Bridges 2025 | Date Received:     |                    |
| Client Sample ID:  | PB167776BL                   | SDG No.:           | Q1901              |
| Lab Sample ID:     | PB167776BL                   | Matrix:            | SOIL               |
| Analytical Method: | SW8082A                      | % Solid:           | 100      Decanted: |
| Sample Wt/Vol:     | 30.01      Units:    g       | Final Vol:         | 10000      uL      |
| Soil Aliquot Vol:  | uL                           | Test:              | PCB                |
| Extraction Type:   |                              | Injection Volume : |                    |
| GPC Factor :       | 1.0      PH :                |                    |                    |
| Prep Method :      | SW3541B                      |                    |                    |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PP071607.D        | 1         | 04/29/25 08:35 | 04/29/25 13:30 | PB167776      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|---------------------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |                     |            |                   |
| 12674-11-2        | Aroclor-1016         | 3.90  | U         | 3.90                | 17.0       | ug/kg             |
| 11104-28-2        | Aroclor-1221         | 4.00  | U         | 4.00                | 17.0       | ug/kg             |
| 11141-16-5        | Aroclor-1232         | 3.70  | U         | 3.70                | 17.0       | ug/kg             |
| 53469-21-9        | Aroclor-1242         | 4.00  | U         | 4.00                | 17.0       | ug/kg             |
| 12672-29-6        | Aroclor-1248         | 5.90  | U         | 5.90                | 17.0       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 3.20  | U         | 3.20                | 17.0       | ug/kg             |
| 37324-23-5        | Aroclor-1262         | 5.00  | U         | 5.00                | 17.0       | ug/kg             |
| 11100-14-4        | Aroclor-1268         | 3.60  | U         | 3.60                | 17.0       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 3.20  | U         | 3.20                | 17.0       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |                     |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 19.9  |           | 30 (32) - 150 (144) | 100%       | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 21.1  |           | 30 (32) - 150 (175) | 105%       | SPK: 20           |

**Comments:**

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates &gt;25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042925\  
 Data File : PP071607.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Apr 2025 13:30  
 Operator : YP\AJ  
 Sample : PB167776BL  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 PB167776BL

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 30 02:24:13 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Apr 23 05:02:06 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound | RT#1 | RT#2 | Resp#1 | Resp#2 | ng/ml | ng/ml |
|----------|------|------|--------|--------|-------|-------|
|----------|------|------|--------|--------|-------|-------|

#### System Monitoring Compounds

|                    |        |       |          |          |        |        |
|--------------------|--------|-------|----------|----------|--------|--------|
| 1) SA Tetrachlo... | 4.512  | 3.810 | 37143611 | 28071621 | 18.734 | 19.928 |
| 2) SA Decachlor... | 10.229 | 8.841 | 28176247 | 18467203 | 19.459 | 21.056 |

#### Target Compounds

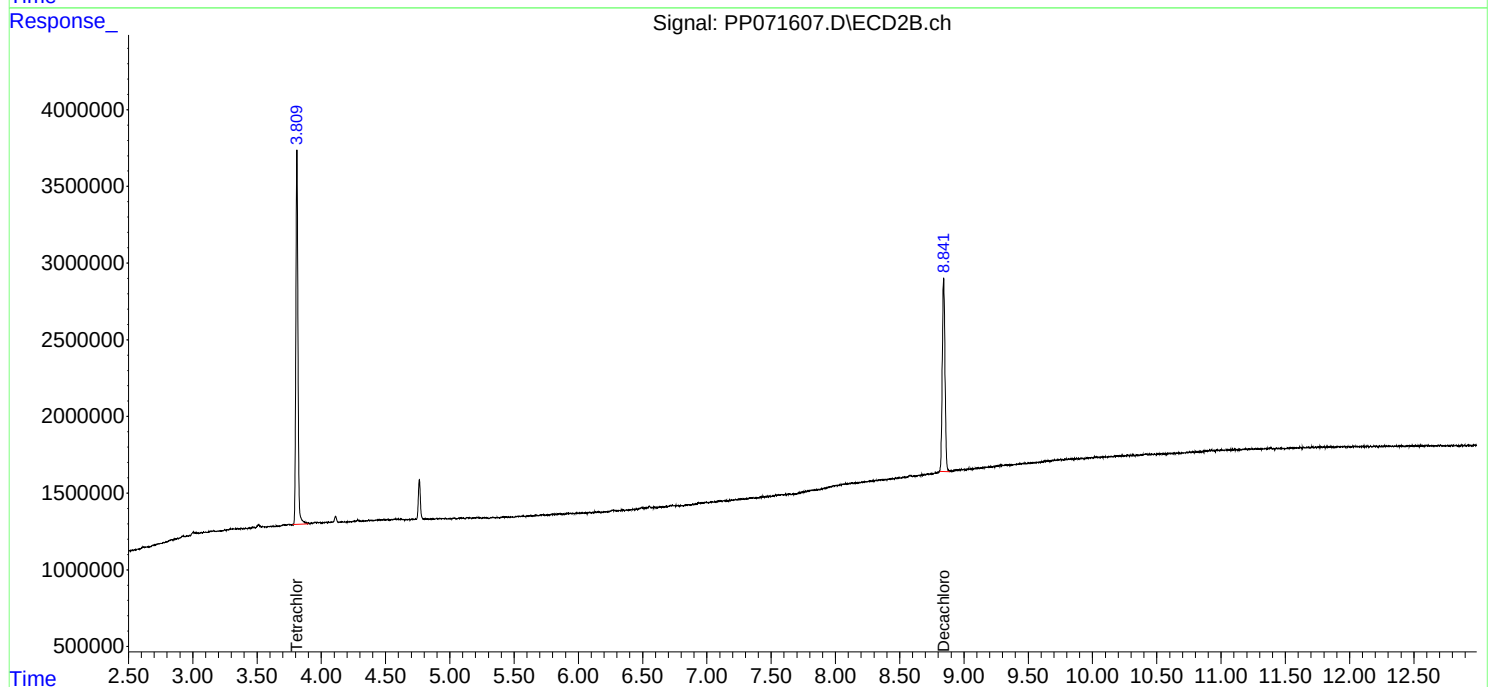
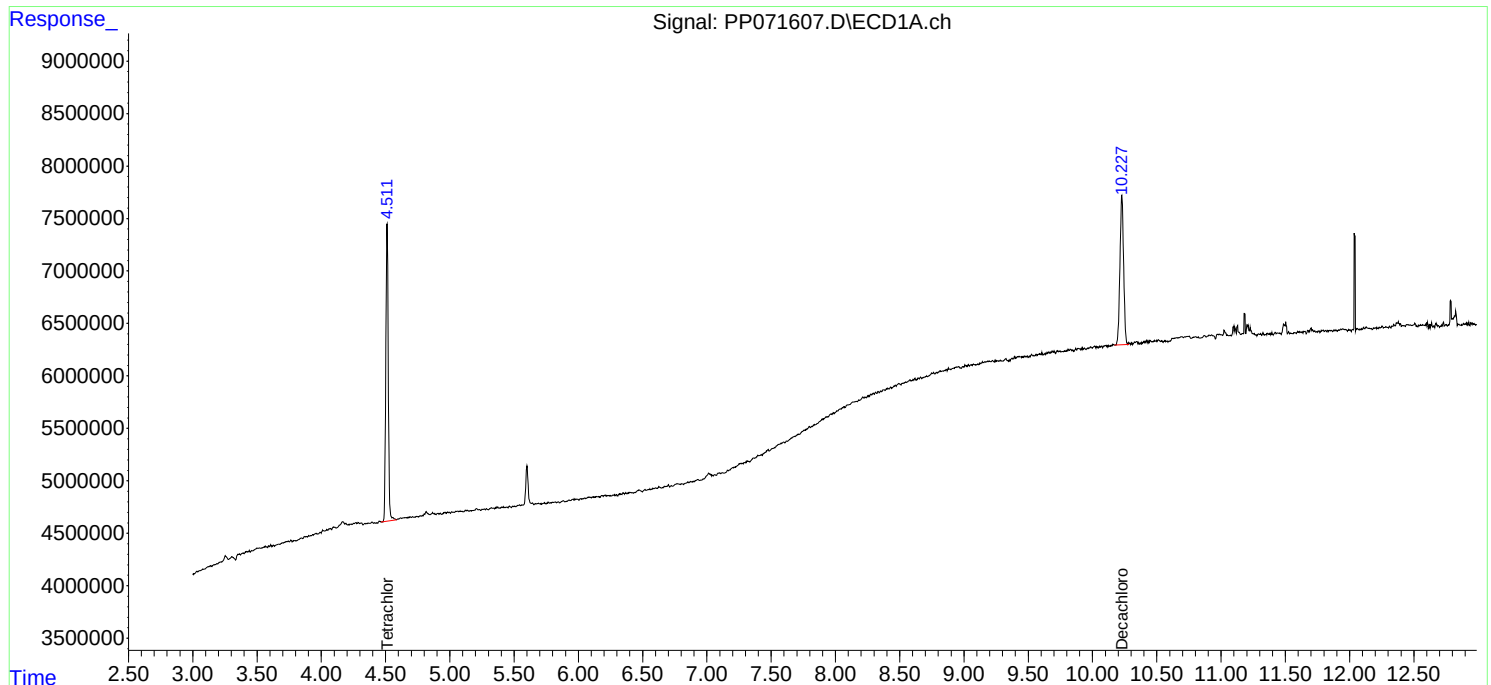
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

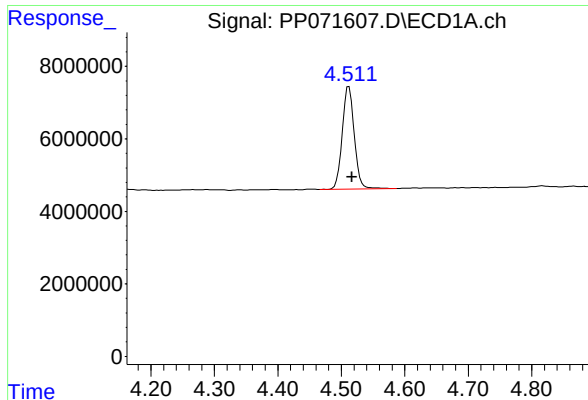
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042925\  
Data File : PP071607.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Apr 2025 13:30  
Operator : YP\AJ  
Sample : PB167776BL  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
PB167776BL

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 30 02:24:13 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Apr 23 05:02:06 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

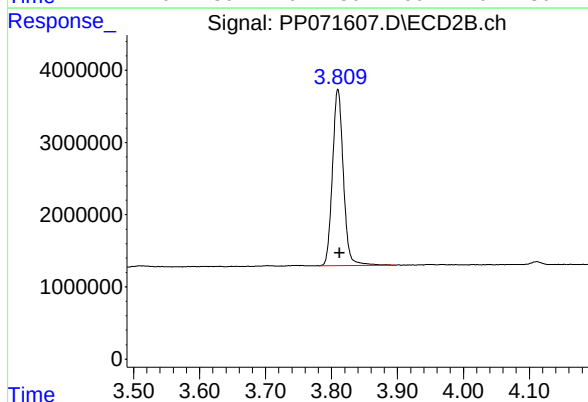




## #1 Tetrachloro-m-xylene

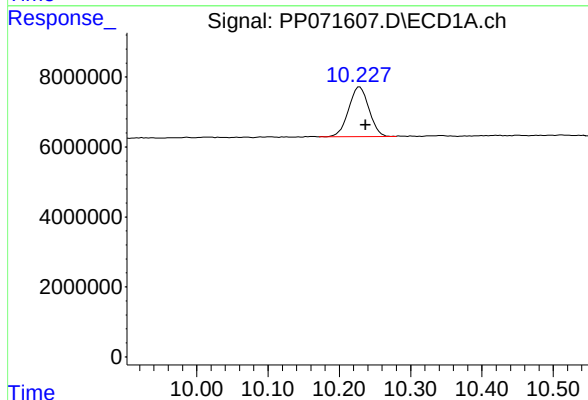
R.T.: 4.512 min  
Delta R.T.: -0.005 min  
Response: 37143611  
Conc: 18.73 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB167776BL



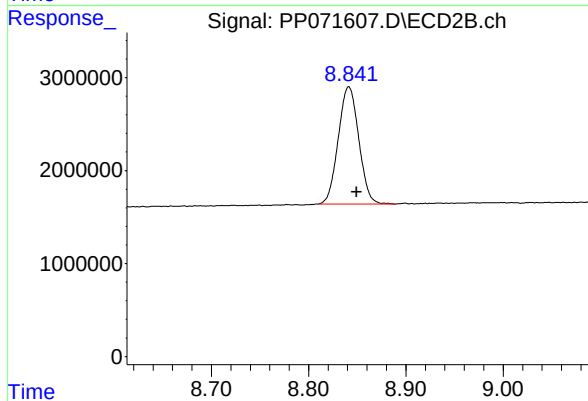
## #1 Tetrachloro-m-xylene

R.T.: 3.810 min  
Delta R.T.: -0.003 min  
Response: 28071621  
Conc: 19.93 ng/ml



## #2 Decachlorobiphenyl

R.T.: 10.229 min  
Delta R.T.: -0.009 min  
Response: 28176247  
Conc: 19.46 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.841 min  
Delta R.T.: -0.008 min  
Response: 18467203  
Conc: 21.06 ng/ml

## Report of Analysis

|                    |                              |                    |                  |
|--------------------|------------------------------|--------------------|------------------|
| Client:            | Portal Partners Tri-Venture  | Date Collected:    |                  |
| Project:           | Amtrak Sawtooth Bridges 2025 | Date Received:     |                  |
| Client Sample ID:  | PB167782BL                   | SDG No.:           | Q1901            |
| Lab Sample ID:     | PB167782BL                   | Matrix:            | WATER            |
| Analytical Method: | SW8082A                      | % Solid:           | 0      Decanted: |
| Sample Wt/Vol:     | 1000      Units:    mL       | Final Vol:         | 10000      uL    |
| Soil Aliquot Vol:  | uL                           | Test:              | PCB              |
| Extraction Type:   |                              | Injection Volume : |                  |
| GPC Factor :       | 1.0      PH :                |                    |                  |
| Prep Method :      | 3510C                        |                    |                  |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PP071624.D        | 1         | 04/29/25 08:55 | 04/29/25 19:29 | PB167782      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|---------------------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |                     |            |         |
| 12674-11-2        | Aroclor-1016         | 0.097 | U         | 0.097               | 0.50       | ug/L    |
| 11104-28-2        | Aroclor-1221         | 0.13  | U         | 0.13                | 0.50       | ug/L    |
| 11141-16-5        | Aroclor-1232         | 0.096 | U         | 0.096               | 0.50       | ug/L    |
| 53469-21-9        | Aroclor-1242         | 0.12  | U         | 0.12                | 0.50       | ug/L    |
| 12672-29-6        | Aroclor-1248         | 0.071 | U         | 0.071               | 0.50       | ug/L    |
| 11097-69-1        | Aroclor-1254         | 0.094 | U         | 0.094               | 0.50       | ug/L    |
| 37324-23-5        | Aroclor-1262         | 0.14  | U         | 0.14                | 0.50       | ug/L    |
| 11100-14-4        | Aroclor-1268         | 0.11  | U         | 0.11                | 0.50       | ug/L    |
| 11096-82-5        | Aroclor-1260         | 0.081 | U         | 0.081               | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |                     |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 20.5  |           | 30 (16) - 150 (158) | 103%       | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 20.3  |           | 30 (10) - 150 (173) | 102%       | SPK: 20 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates &gt;25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042925\  
 Data File : PP071624.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Apr 2025 19:29  
 Operator : YP\AJ  
 Sample : PB167782BL  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 PB167782BL

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 30 02:28:53 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Apr 23 05:02:06 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|--------|-------|----------|----------|--------|--------|
| -----                       |        |       |          |          |        |        |
| System Monitoring Compounds |        |       |          |          |        |        |
| 1) SA Tetrachlo...          | 4.511  | 3.811 | 36558038 | 28901984 | 18.439 | 20.518 |
| 2) SA Decachlor...          | 10.229 | 8.843 | 29056700 | 17806775 | 20.067 | 20.303 |

Target Compounds

-----

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

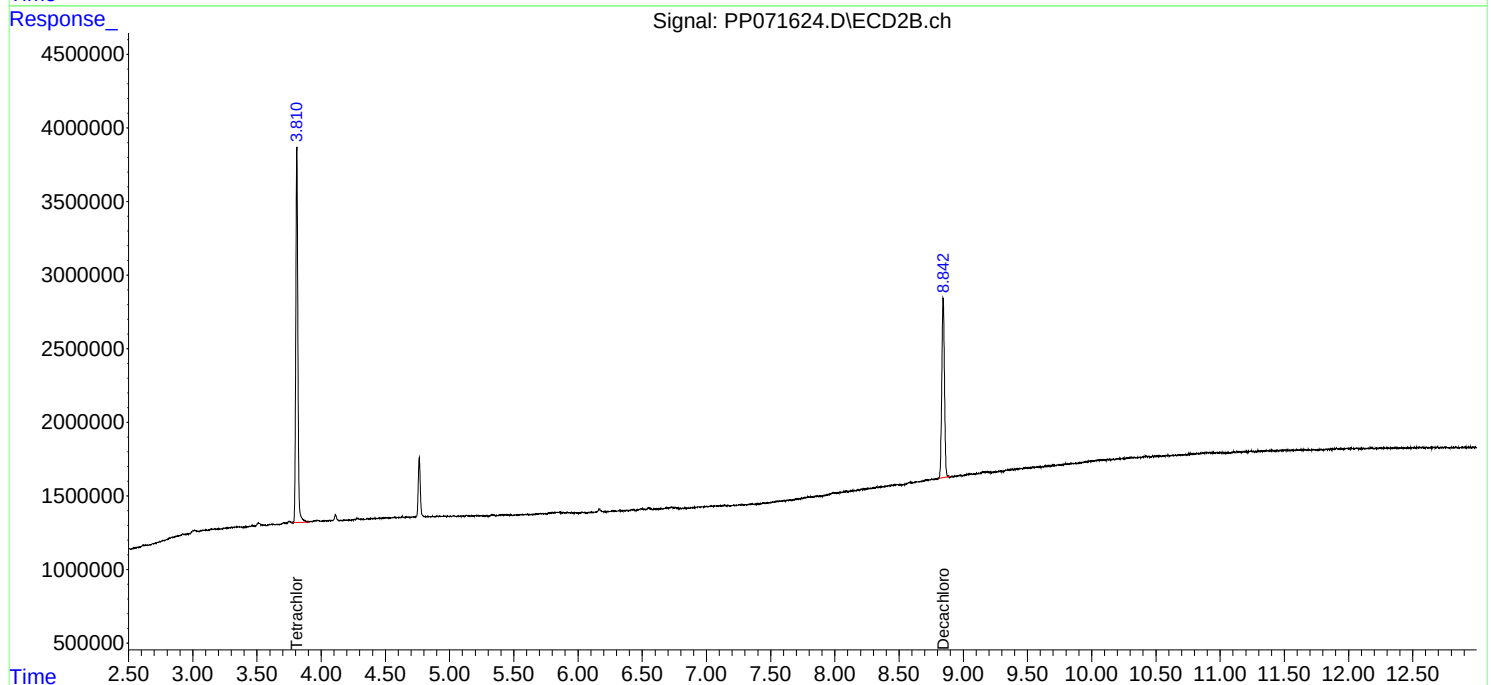
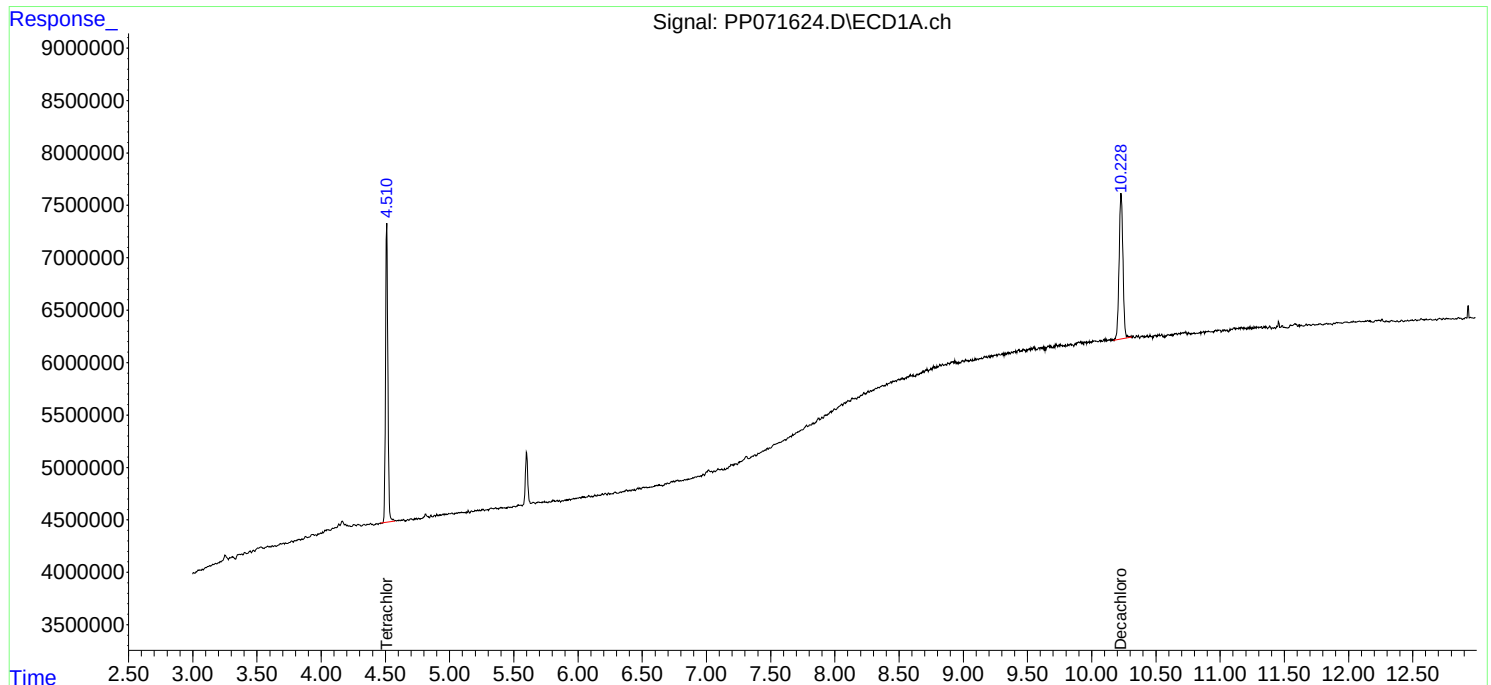


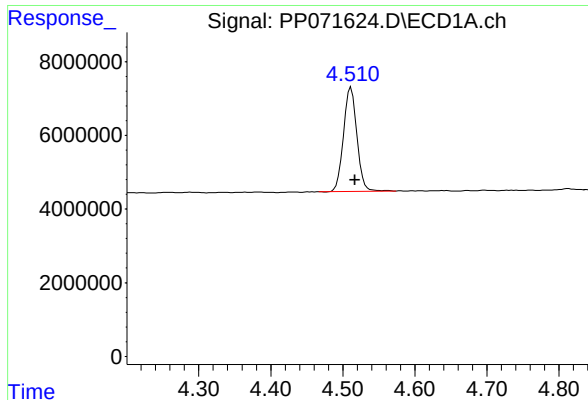
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042925\  
Data File : PP071624.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Apr 2025 19:29  
Operator : YP\AJ  
Sample : PB167782BL  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
PB167782BL

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 30 02:28:53 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Apr 23 05:02:06 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

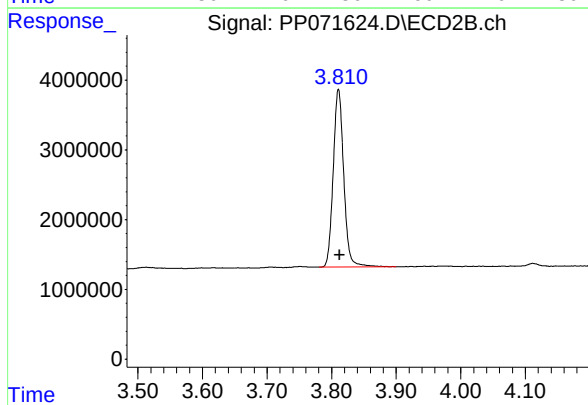




## #1 Tetrachloro-m-xylene

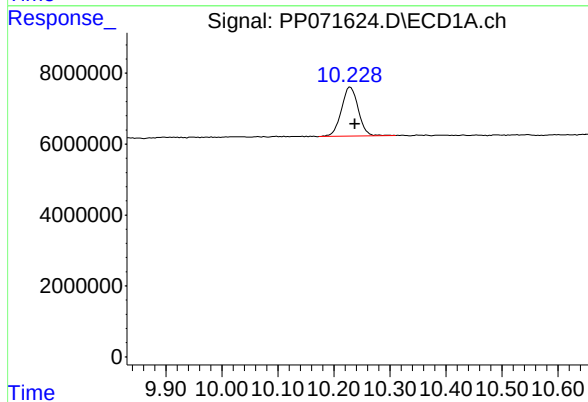
R.T.: 4.511 min  
Delta R.T.: -0.006 min  
Response: 36558038  
Conc: 18.44 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB167782BL



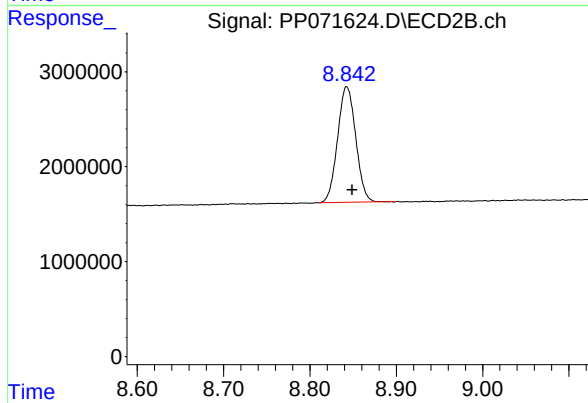
## #1 Tetrachloro-m-xylene

R.T.: 3.811 min  
Delta R.T.: -0.002 min  
Response: 28901984  
Conc: 20.52 ng/ml



## #2 Decachlorobiphenyl

R.T.: 10.229 min  
Delta R.T.: -0.008 min  
Response: 29056700  
Conc: 20.07 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.843 min  
Delta R.T.: -0.007 min  
Response: 17806775  
Conc: 20.30 ng/ml

## Report of Analysis

|                    |                              |                    |          |
|--------------------|------------------------------|--------------------|----------|
| Client:            | Portal Partners Tri-Venture  | Date Collected:    |          |
| Project:           | Amtrak Sawtooth Bridges 2025 | Date Received:     |          |
| Client Sample ID:  | PB167794BL                   | SDG No.:           | Q1901    |
| Lab Sample ID:     | PB167794BL                   | Matrix:            | SOIL     |
| Analytical Method: | SW8082A                      | % Solid:           | 100      |
| Sample Wt/Vol:     | 30.01 Units: g               | Final Vol:         | 10000 uL |
| Soil Aliquot Vol:  | uL                           | Test:              | PCB      |
| Extraction Type:   |                              | Injection Volume : |          |
| GPC Factor :       | 1.0                          | PH :               |          |
| Prep Method :      | SW3541B                      |                    |          |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PP071641.D        | 1         | 04/30/25 08:35 | 04/30/25 12:39 | PB167794      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|---------------------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |                     |            |                   |
| 12674-11-2        | Aroclor-1016         | 3.90  | U         | 3.90                | 17.0       | ug/kg             |
| 11104-28-2        | Aroclor-1221         | 4.00  | U         | 4.00                | 17.0       | ug/kg             |
| 11141-16-5        | Aroclor-1232         | 3.70  | U         | 3.70                | 17.0       | ug/kg             |
| 53469-21-9        | Aroclor-1242         | 4.00  | U         | 4.00                | 17.0       | ug/kg             |
| 12672-29-6        | Aroclor-1248         | 5.90  | U         | 5.90                | 17.0       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 3.20  | U         | 3.20                | 17.0       | ug/kg             |
| 37324-23-5        | Aroclor-1262         | 5.00  | U         | 5.00                | 17.0       | ug/kg             |
| 11100-14-4        | Aroclor-1268         | 3.60  | U         | 3.60                | 17.0       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 3.20  | U         | 3.20                | 17.0       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |                     |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 20.2  |           | 30 (32) - 150 (144) | 101%       | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 21.3  |           | 30 (32) - 150 (175) | 106%       | SPK: 20           |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP043025\  
 Data File : PP071641.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Apr 2025 12:39  
 Operator : YP\AJ  
 Sample : PB167794BL  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 PB167794BL

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 30 13:25:51 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Apr 23 05:02:06 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|--------|-------|----------|----------|--------|--------|
| -----                       |        |       |          |          |        |        |
| System Monitoring Compounds |        |       |          |          |        |        |
| 1) SA Tetrachlo...          | 4.511  | 3.808 | 38144922 | 28404318 | 19.240 | 20.164 |
| 2) SA Decachlor...          | 10.230 | 8.839 | 29667979 | 18653267 | 20.489 | 21.268 |

Target Compounds

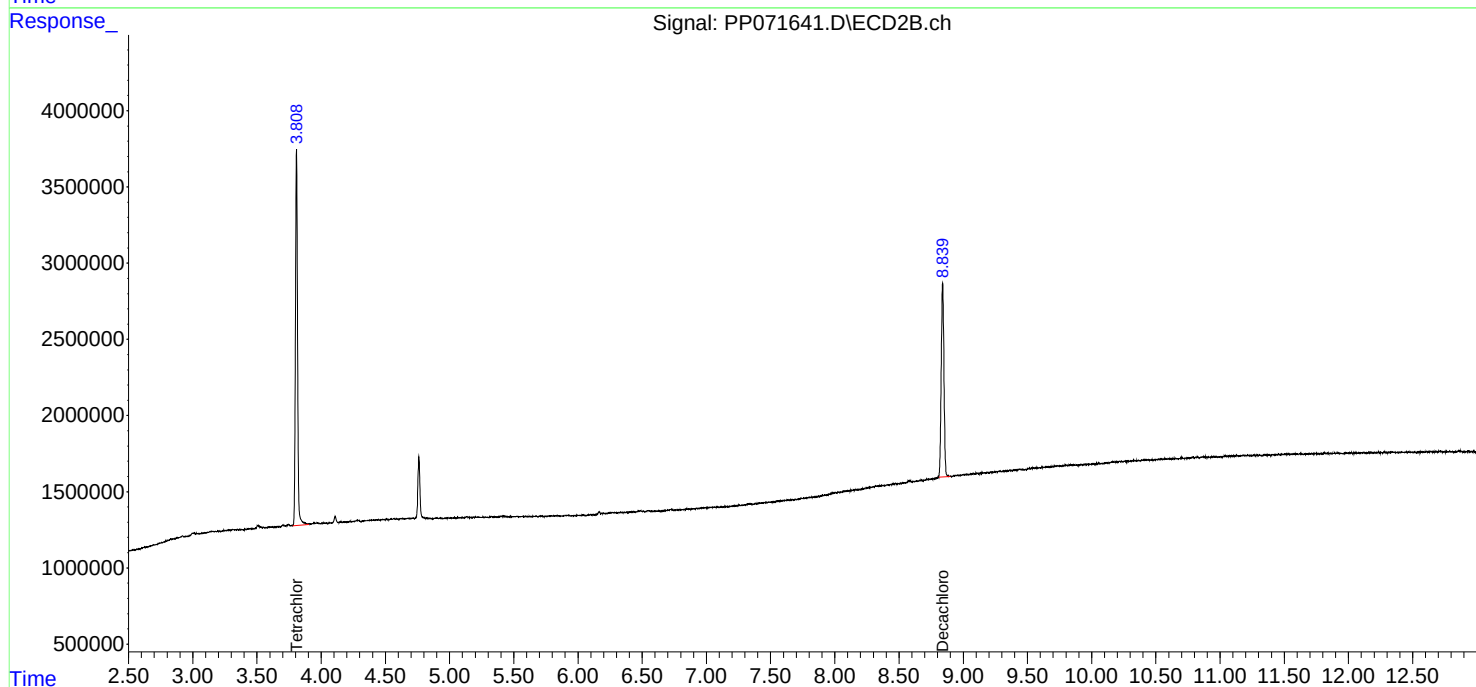
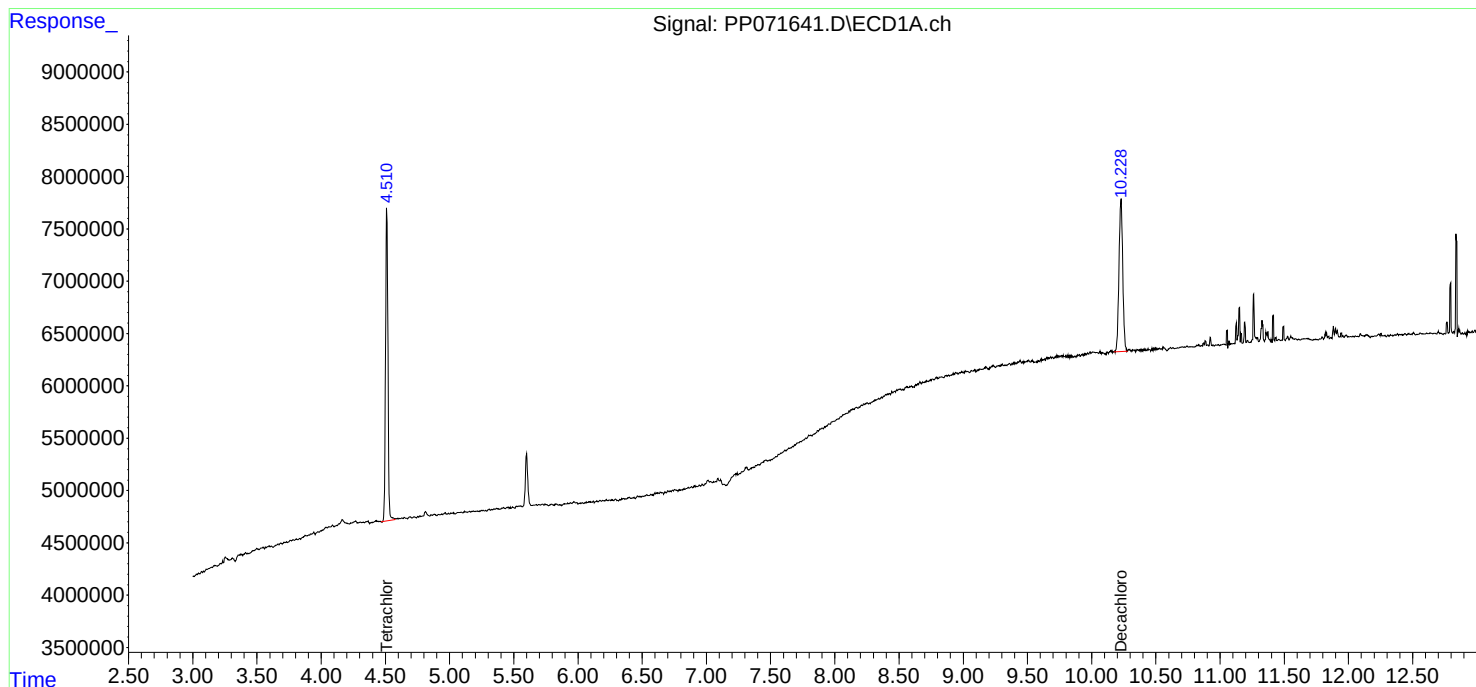
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

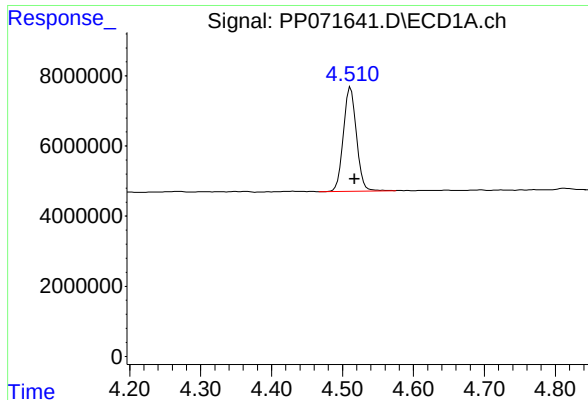
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP043025\  
Data File : PP071641.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Apr 2025 12:39  
Operator : YP\AJ  
Sample : PB167794BL  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
PB167794BL

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 30 13:25:51 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Apr 23 05:02:06 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

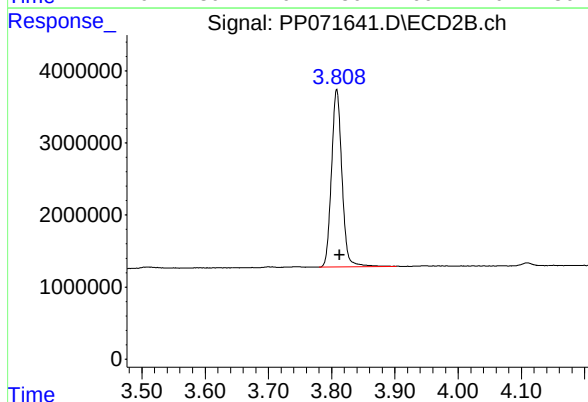




## #1 Tetrachloro-m-xylene

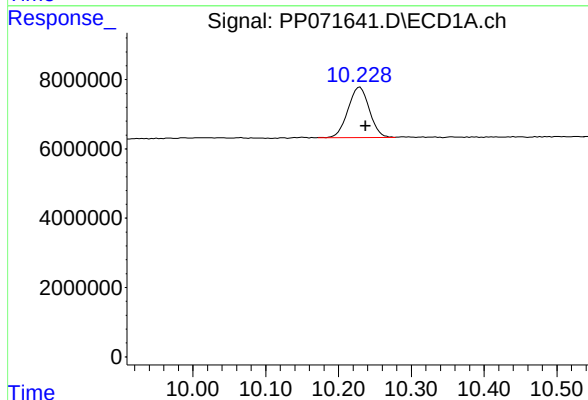
R.T.: 4.511 min  
Delta R.T.: -0.006 min  
Response: 38144922  
Conc: 19.24 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB167794BL



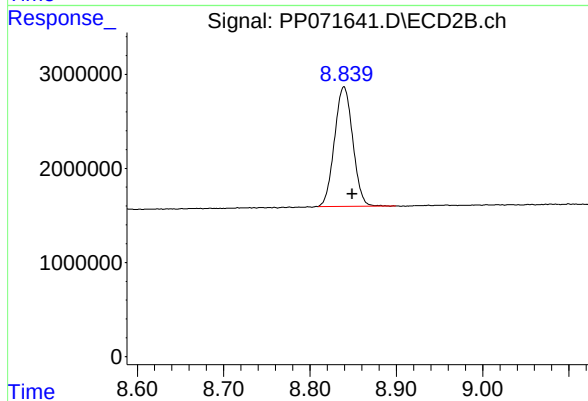
## #1 Tetrachloro-m-xylene

R.T.: 3.808 min  
Delta R.T.: -0.004 min  
Response: 28404318  
Conc: 20.16 ng/ml



## #2 Decachlorobiphenyl

R.T.: 10.230 min  
Delta R.T.: -0.008 min  
Response: 29667979  
Conc: 20.49 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.839 min  
Delta R.T.: -0.010 min  
Response: 18653267  
Conc: 21.27 ng/ml

## Report of Analysis

|                    |                              |                    |          |
|--------------------|------------------------------|--------------------|----------|
| Client:            | Portal Partners Tri-Venture  | Date Collected:    | 04/10/25 |
| Project:           | Amtrak Sawtooth Bridges 2025 | Date Received:     | 04/10/25 |
| Client Sample ID:  | PIBLK-PO110348.D             | SDG No.:           | Q1901    |
| Lab Sample ID:     | I.BLK-PO110348.D             | Matrix:            | WATER    |
| Analytical Method: | SW8082A                      | % Solid:           | 0        |
| Sample Wt/Vol:     | 1000 Units: mL               | Decanted:          |          |
| Soil Aliquot Vol:  | uL                           | Final Vol:         | 10000 uL |
| Extraction Type:   |                              | Test:              | PCB      |
| GPC Factor :       | 1.0                          | Injection Volume : |          |
| Prep Method :      | 5030                         |                    |          |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PO110348.D        | 1         |           | 04/10/25      | PO041025      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|---------------------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |                     |            |         |
| 12674-11-2        | Aroclor-1016         | 0.097 | U         | 0.097               | 0.50       | ug/L    |
| 11104-28-2        | Aroclor-1221         | 0.13  | U         | 0.13                | 0.50       | ug/L    |
| 11141-16-5        | Aroclor-1232         | 0.096 | U         | 0.096               | 0.50       | ug/L    |
| 53469-21-9        | Aroclor-1242         | 0.12  | U         | 0.12                | 0.50       | ug/L    |
| 12672-29-6        | Aroclor-1248         | 0.071 | U         | 0.071               | 0.50       | ug/L    |
| 11097-69-1        | Aroclor-1254         | 0.094 | U         | 0.094               | 0.50       | ug/L    |
| 11096-82-5        | Aroclor-1260         | 0.081 | U         | 0.081               | 0.50       | ug/L    |
| 37324-23-5        | Aroclor-1262         | 0.14  | U         | 0.14                | 0.50       | ug/L    |
| 11100-14-4        | Aroclor-1268         | 0.11  | U         | 0.11                | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |                     |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 18.1  |           | 70 (60) - 130 (140) | 91%        | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 19.2  |           | 70 (60) - 130 (140) | 96%        | SPK: 20 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates &gt;25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0041025\  
Data File : PO110348.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Apr 2025 09:17  
Operator : YP/AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 10 19:25:01 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0041025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Apr 10 18:44:28 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-------|-------|---------|----------|--------|--------|
| -----                       |       |       |         |          |        |        |
| System Monitoring Compounds |       |       |         |          |        |        |
| 1) SA Tetrachlo...          | 3.687 | 3.684 | 158.3E6 | 90605960 | 18.096 | 18.158 |
| 2) SA Decachlor...          | 8.732 | 8.683 | 151.3E6 | 38875455 | 19.165 | 20.195 |

Target Compounds

-----

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

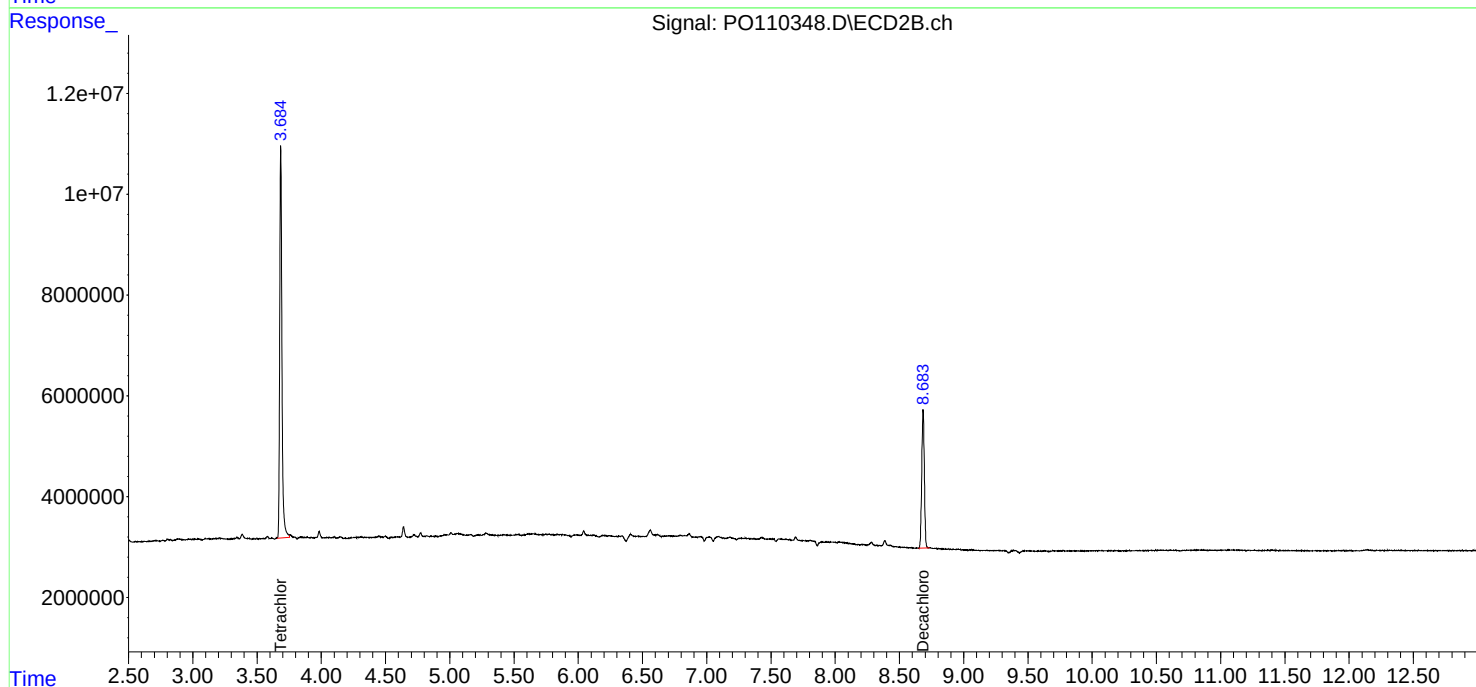
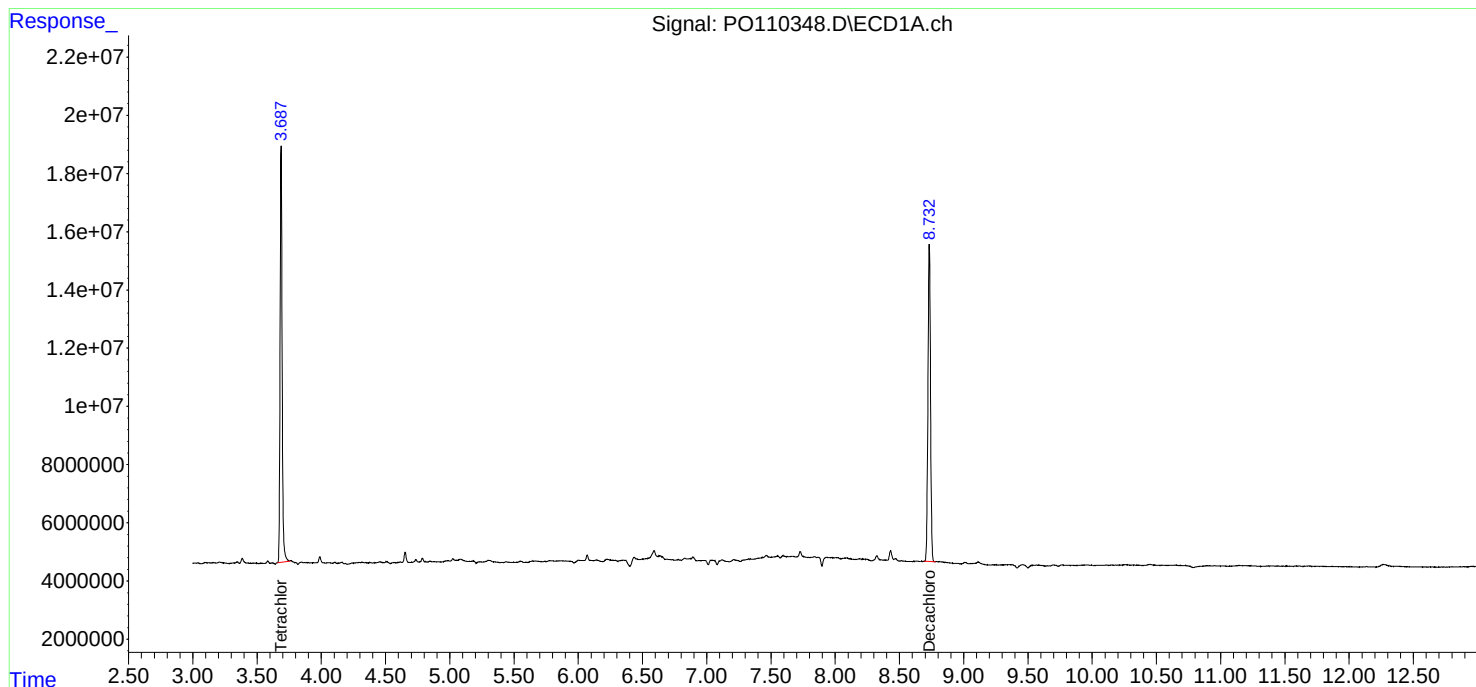


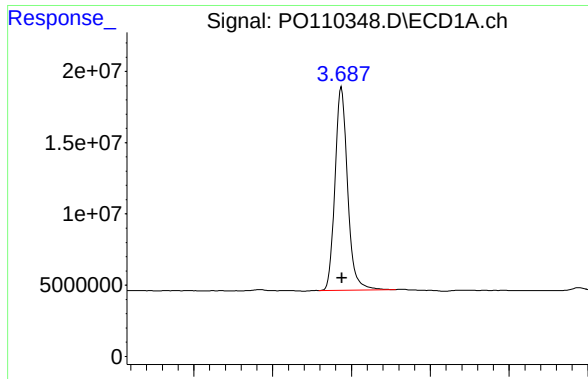
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO041025\  
Data File : PO110348.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Apr 2025 09:17  
Operator : YP/AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 10 19:25:01 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO041025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Thu Apr 10 18:44:28 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

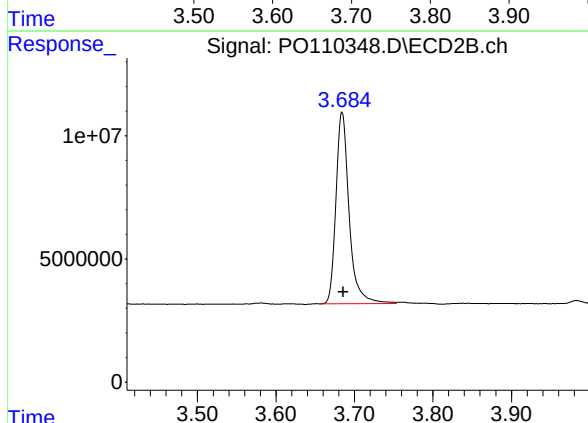




## #1 Tetrachloro-m-xylene

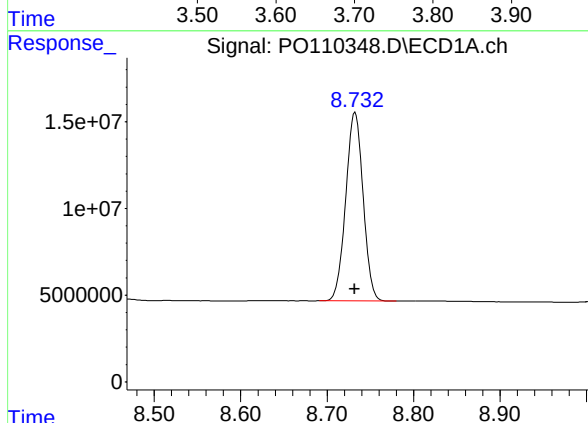
R.T.: 3.687 min  
Delta R.T.: 0.000 min  
Response: 158319301  
Conc: 18.10 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



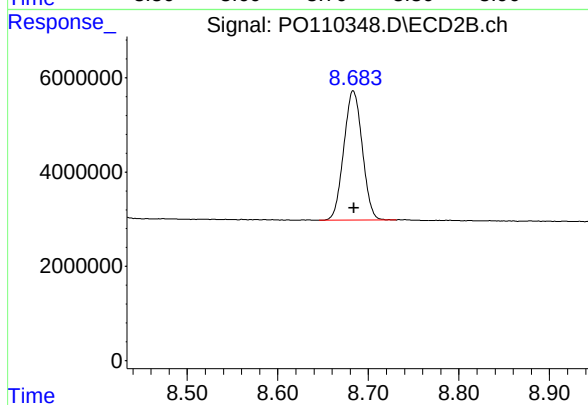
## #1 Tetrachloro-m-xylene

R.T.: 3.684 min  
Delta R.T.: -0.001 min  
Response: 90605960  
Conc: 18.16 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.732 min  
Delta R.T.: 0.000 min  
Response: 151304209  
Conc: 19.16 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.683 min  
Delta R.T.: 0.000 min  
Response: 38875455  
Conc: 20.20 ng/ml

## Report of Analysis

|                    |                              |                    |          |
|--------------------|------------------------------|--------------------|----------|
| Client:            | Portal Partners Tri-Venture  | Date Collected:    | 04/29/25 |
| Project:           | Amtrak Sawtooth Bridges 2025 | Date Received:     | 04/29/25 |
| Client Sample ID:  | PIBLK-PO110850.D             | SDG No.:           | Q1901    |
| Lab Sample ID:     | I.BLK-PO110850.D             | Matrix:            | WATER    |
| Analytical Method: | SW8082A                      | % Solid:           | 0        |
| Sample Wt/Vol:     | 1000 Units: mL               | Decanted:          |          |
| Soil Aliquot Vol:  | uL                           | Final Vol:         | 10000 uL |
| Extraction Type:   |                              | Test:              | PCB      |
| GPC Factor :       | 1.0                          | Injection Volume : |          |
| Prep Method :      | 5030                         |                    |          |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PO110850.D        | 1         |           | 04/29/25      | PO042925      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|---------------------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |                     |            |         |
| 12674-11-2        | Aroclor-1016         | 0.097 | U         | 0.097               | 0.50       | ug/L    |
| 11104-28-2        | Aroclor-1221         | 0.13  | U         | 0.13                | 0.50       | ug/L    |
| 11141-16-5        | Aroclor-1232         | 0.096 | U         | 0.096               | 0.50       | ug/L    |
| 53469-21-9        | Aroclor-1242         | 0.12  | U         | 0.12                | 0.50       | ug/L    |
| 12672-29-6        | Aroclor-1248         | 0.071 | U         | 0.071               | 0.50       | ug/L    |
| 11097-69-1        | Aroclor-1254         | 0.094 | U         | 0.094               | 0.50       | ug/L    |
| 11096-82-5        | Aroclor-1260         | 0.081 | U         | 0.081               | 0.50       | ug/L    |
| 37324-23-5        | Aroclor-1262         | 0.14  | U         | 0.14                | 0.50       | ug/L    |
| 11100-14-4        | Aroclor-1268         | 0.11  | U         | 0.11                | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |                     |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 16.6  |           | 70 (60) - 130 (140) | 83%        | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 16.7  |           | 70 (60) - 130 (140) | 84%        | SPK: 20 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates &gt;25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0042925\  
Data File : PO110850.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Apr 2025 10:40  
Operator : YP/AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 30 02:23:06 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0041025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Apr 11 02:12:41 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-------|-------|---------|----------|--------|--------|
| -----                       |       |       |         |          |        |        |
| System Monitoring Compounds |       |       |         |          |        |        |
| 1) SA Tetrachlo...          | 3.685 | 3.682 | 157.3E6 | 82558016 | 17.974 | 16.545 |
| 2) SA Decachlor...          | 8.726 | 8.678 | 133.5E6 | 32185923 | 16.914 | 16.720 |

Target Compounds

-----

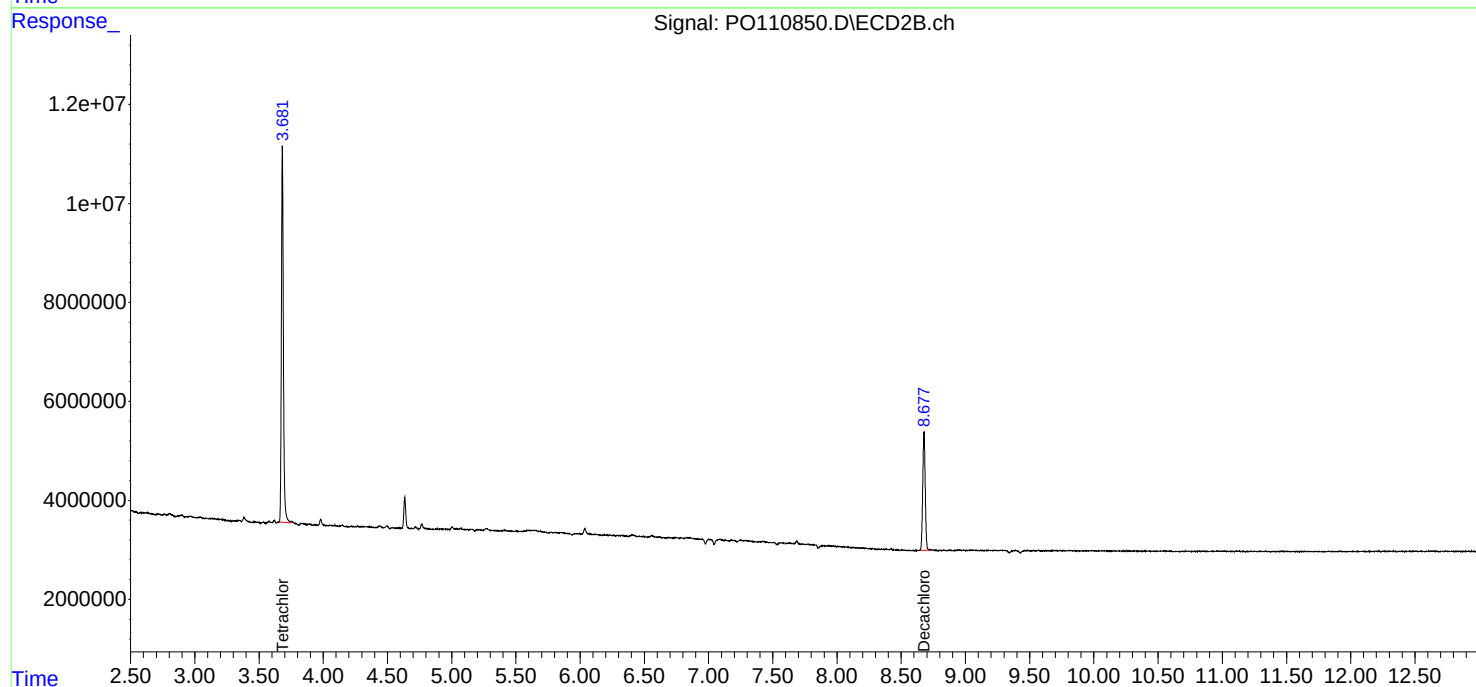
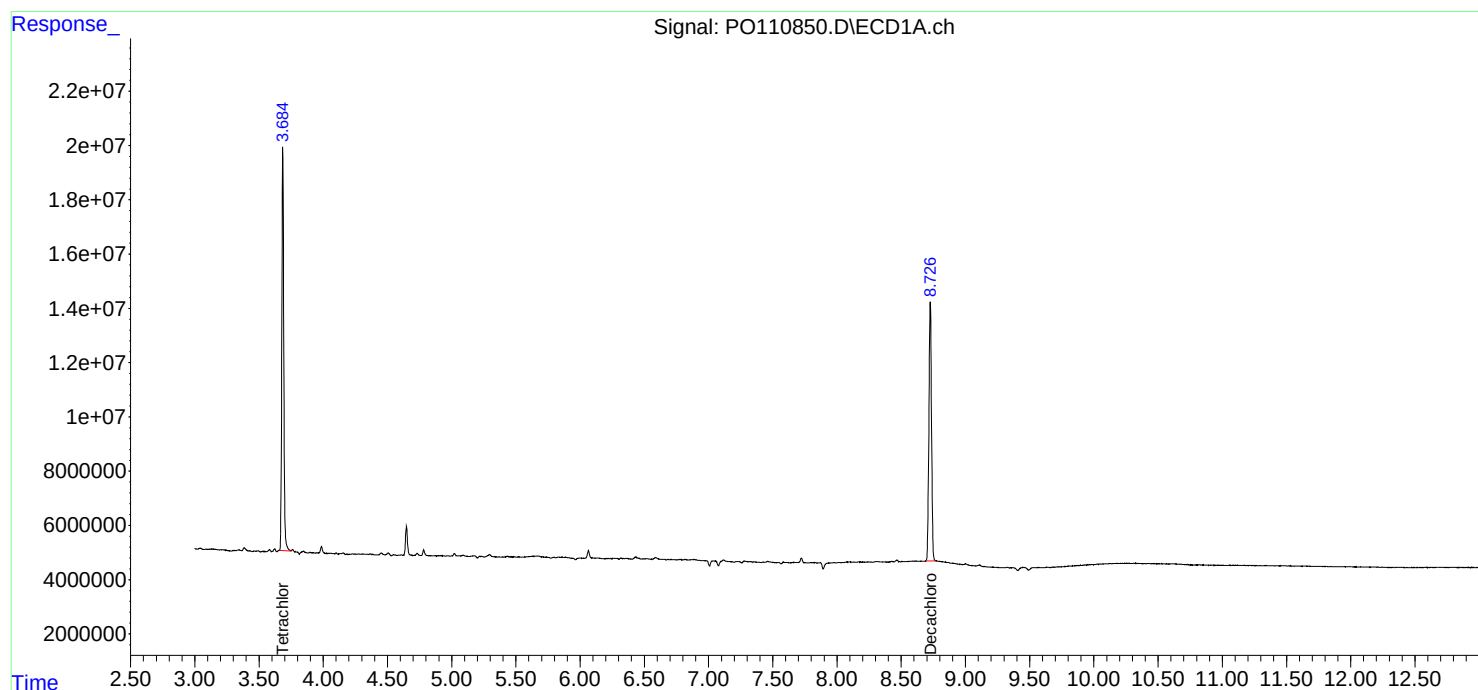
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

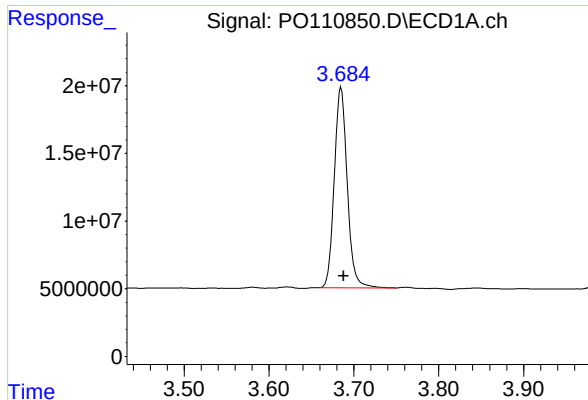
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO042925\  
Data File : PO110850.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Apr 2025 10:40  
Operator : YP/AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 30 02:23:06 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO041025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Apr 11 02:12:41 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

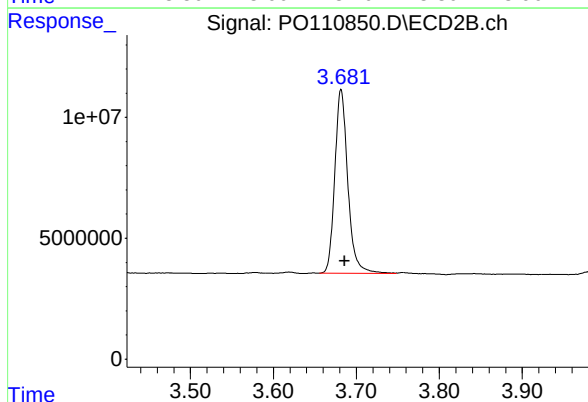




## #1 Tetrachloro-m-xylene

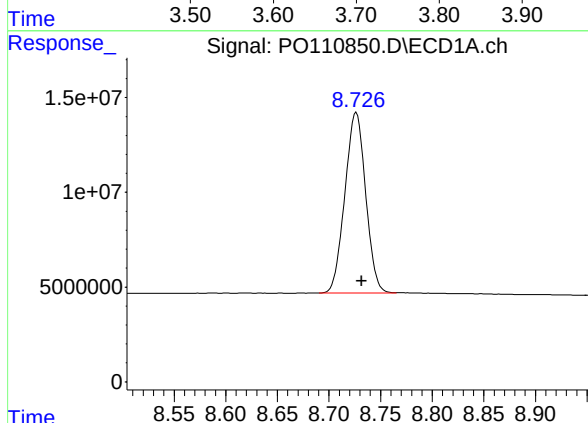
R.T.: 3.685 min  
Delta R.T.: -0.003 min  
Response: 157253270  
Conc: 17.97 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



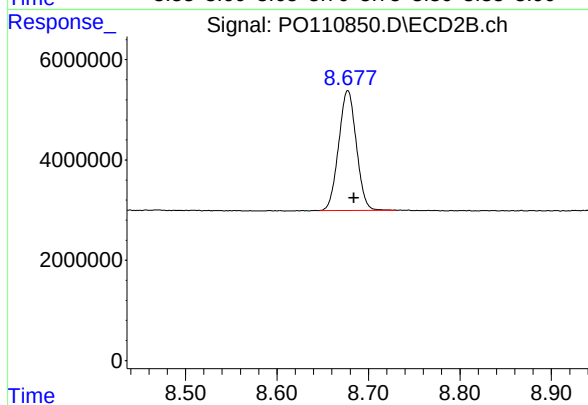
## #1 Tetrachloro-m-xylene

R.T.: 3.682 min  
Delta R.T.: -0.004 min  
Response: 82558016  
Conc: 16.55 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.726 min  
Delta R.T.: -0.005 min  
Response: 133536169  
Conc: 16.91 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.678 min  
Delta R.T.: -0.007 min  
Response: 32185923  
Conc: 16.72 ng/ml

## Report of Analysis

|                    |                              |                    |          |
|--------------------|------------------------------|--------------------|----------|
| Client:            | Portal Partners Tri-Venture  | Date Collected:    | 04/29/25 |
| Project:           | Amtrak Sawtooth Bridges 2025 | Date Received:     | 04/29/25 |
| Client Sample ID:  | PIBLK-PO110865.D             | SDG No.:           | Q1901    |
| Lab Sample ID:     | I.BLK-PO110865.D             | Matrix:            | WATER    |
| Analytical Method: | SW8082A                      | % Solid:           | 0        |
| Sample Wt/Vol:     | 1000 Units: mL               | Decanted:          |          |
| Soil Aliquot Vol:  | uL                           | Final Vol:         | 10000 uL |
| Extraction Type:   |                              | Test:              | PCB      |
| GPC Factor :       | 1.0                          | Injection Volume : |          |
| Prep Method :      | 5030                         |                    |          |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PO110865.D        | 1         |           | 04/29/25      | PO042925      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|---------------------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |                     |            |         |
| 12674-11-2        | Aroclor-1016         | 0.097 | U         | 0.097               | 0.50       | ug/L    |
| 11104-28-2        | Aroclor-1221         | 0.13  | U         | 0.13                | 0.50       | ug/L    |
| 11141-16-5        | Aroclor-1232         | 0.096 | U         | 0.096               | 0.50       | ug/L    |
| 53469-21-9        | Aroclor-1242         | 0.12  | U         | 0.12                | 0.50       | ug/L    |
| 12672-29-6        | Aroclor-1248         | 0.071 | U         | 0.071               | 0.50       | ug/L    |
| 11097-69-1        | Aroclor-1254         | 0.094 | U         | 0.094               | 0.50       | ug/L    |
| 11096-82-5        | Aroclor-1260         | 0.081 | U         | 0.081               | 0.50       | ug/L    |
| 37324-23-5        | Aroclor-1262         | 0.14  | U         | 0.14                | 0.50       | ug/L    |
| 11100-14-4        | Aroclor-1268         | 0.11  | U         | 0.11                | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |                     |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 16.9  |           | 70 (60) - 130 (140) | 84%        | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 16.9  |           | 70 (60) - 130 (140) | 85%        | SPK: 20 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates &gt;25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0042925\  
 Data File : PO110865.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Apr 2025 17:29  
 Operator : YP/AJ  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 I.BLK

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 30 02:27:17 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0041025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Apr 11 02:12:41 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-------|-------|---------|----------|--------|--------|
| -----                       |       |       |         |          |        |        |
| System Monitoring Compounds |       |       |         |          |        |        |
| 1) SA Tetrachlo...          | 3.686 | 3.683 | 161.0E6 | 84295389 | 18.397 | 16.894 |
| 2) SA Decachlor...          | 8.729 | 8.680 | 138.3E6 | 32608782 | 17.513 | 16.940 |

Target Compounds

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

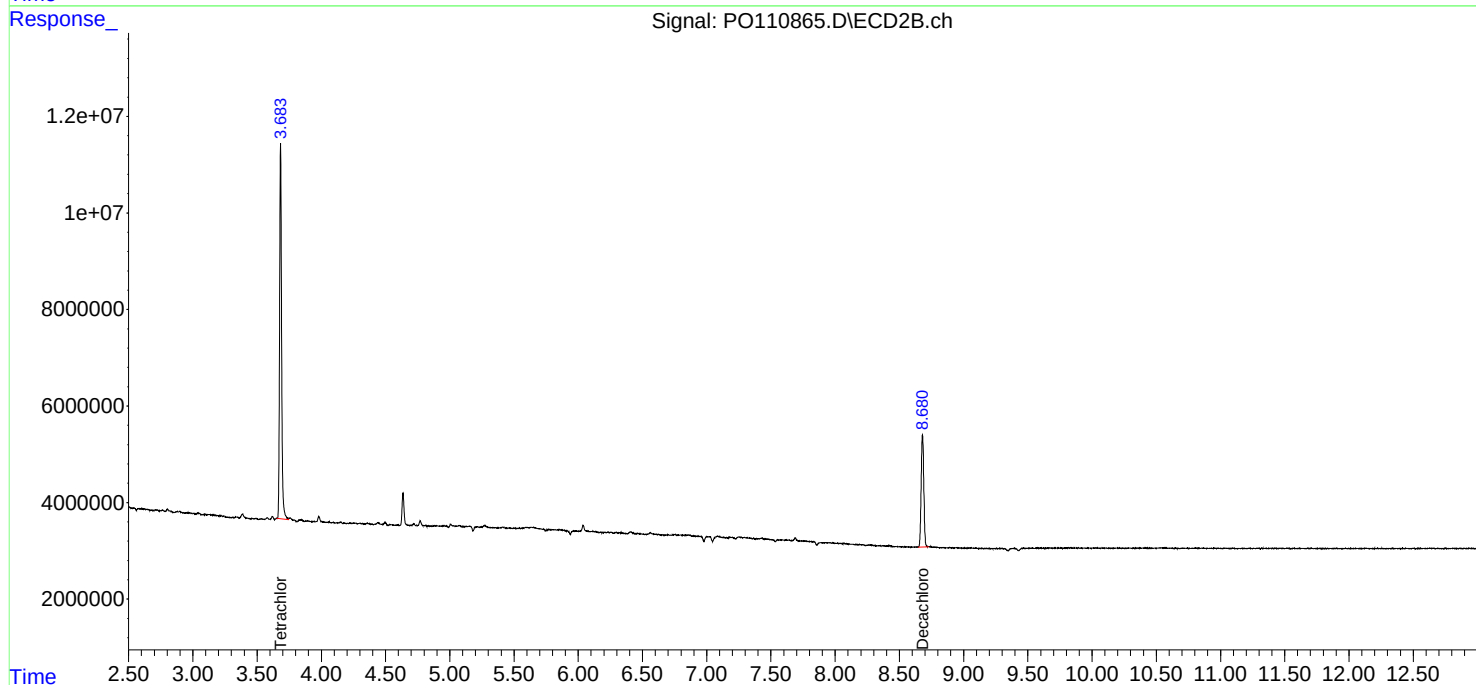
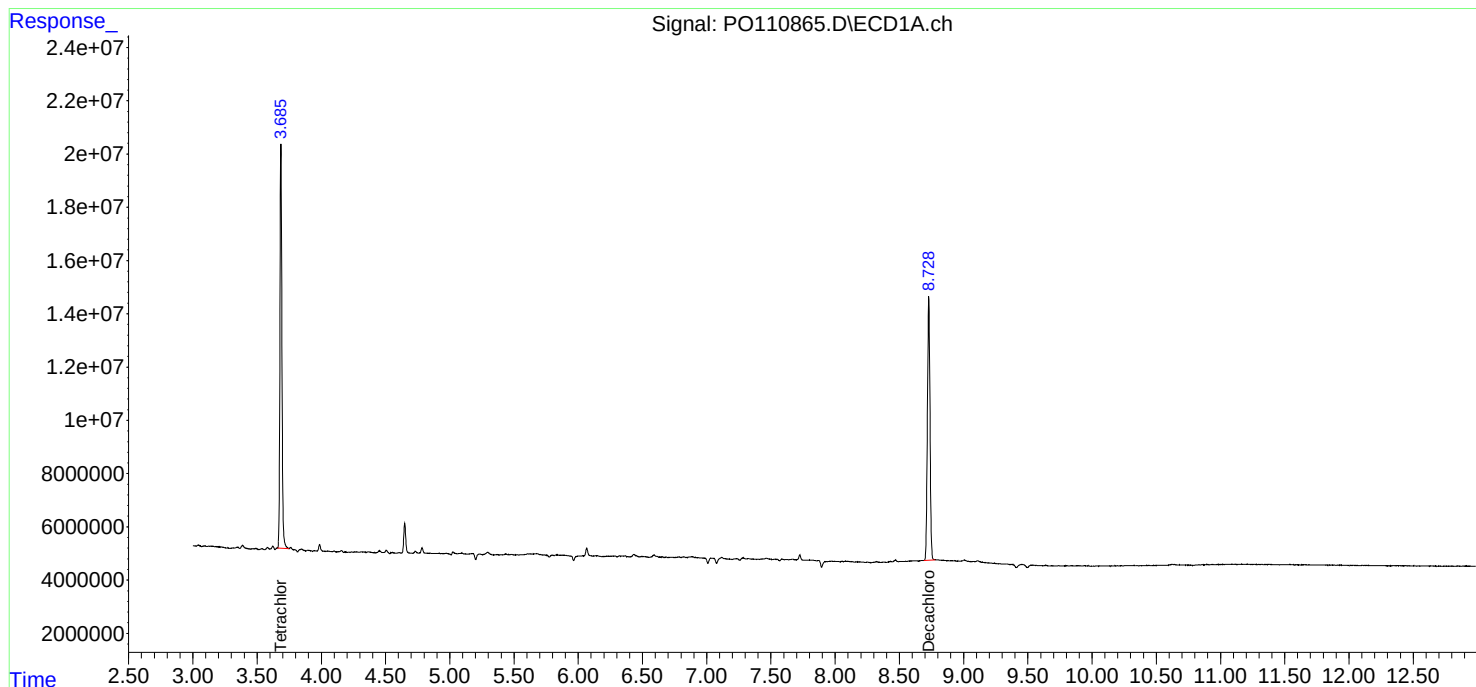


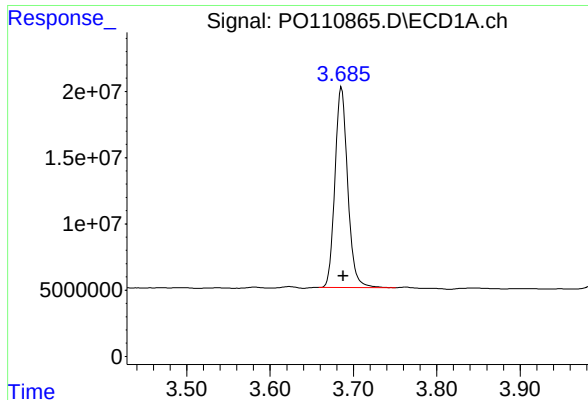
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO042925\  
Data File : PO110865.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Apr 2025 17:29  
Operator : YP/AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 30 02:27:17 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO041025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Apr 11 02:12:41 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

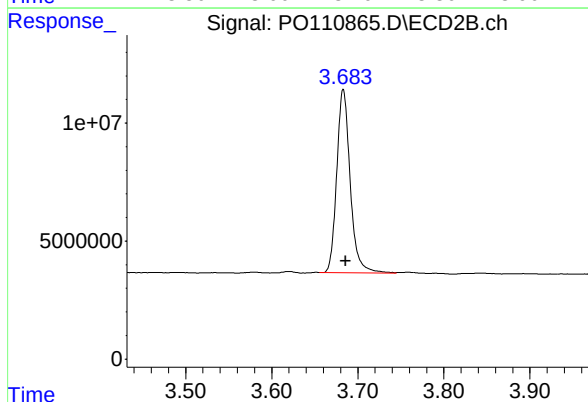




## #1 Tetrachloro-m-xylene

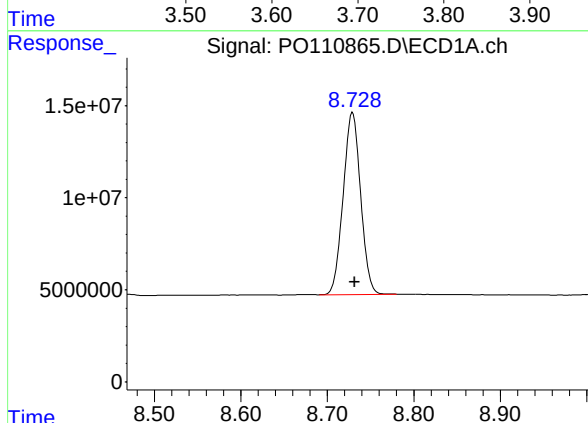
R.T.: 3.686 min  
Delta R.T.: -0.002 min  
Response: 160952706  
Conc: 18.40 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



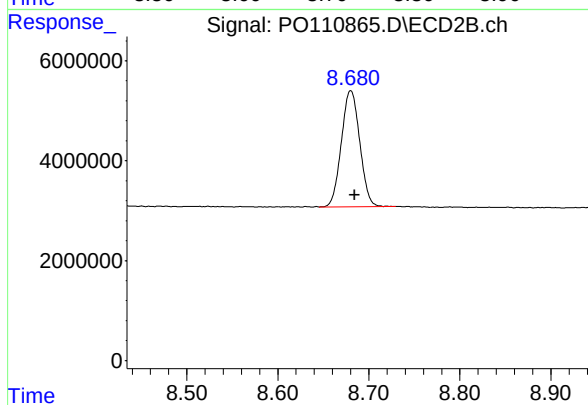
## #1 Tetrachloro-m-xylene

R.T.: 3.683 min  
Delta R.T.: -0.003 min  
Response: 84295389  
Conc: 16.89 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.729 min  
Delta R.T.: -0.003 min  
Response: 138260960  
Conc: 17.51 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.680 min  
Delta R.T.: -0.004 min  
Response: 32608782  
Conc: 16.94 ng/ml

## Report of Analysis

|                    |                              |           |                    |          |           |
|--------------------|------------------------------|-----------|--------------------|----------|-----------|
| Client:            | Portal Partners Tri-Venture  |           | Date Collected:    | 04/29/25 |           |
| Project:           | Amtrak Sawtooth Bridges 2025 |           | Date Received:     | 04/29/25 |           |
| Client Sample ID:  | PIBLK-PO110880.D             |           | SDG No.:           | Q1901    |           |
| Lab Sample ID:     | I.BLK-PO110880.D             |           | Matrix:            | WATER    |           |
| Analytical Method: | SW8082A                      |           | % Solid:           | 0        | Decanted: |
| Sample Wt/Vol:     | 1000                         | Units: mL | Final Vol:         | 10000    | uL        |
| Soil Aliquot Vol:  |                              | uL        | Test:              | PCB      |           |
| Extraction Type:   |                              |           | Injection Volume : |          |           |
| GPC Factor :       | 1.0                          | PH :      |                    |          |           |
| Prep Method :      | 5030                         |           |                    |          |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PO110880.D        | 1         |           | 04/29/25      | PO042925      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|---------------------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |                     |            |         |
| 12674-11-2        | Aroclor-1016         | 0.097 | U         | 0.097               | 0.50       | ug/L    |
| 11104-28-2        | Aroclor-1221         | 0.13  | U         | 0.13                | 0.50       | ug/L    |
| 11141-16-5        | Aroclor-1232         | 0.096 | U         | 0.096               | 0.50       | ug/L    |
| 53469-21-9        | Aroclor-1242         | 0.12  | U         | 0.12                | 0.50       | ug/L    |
| 12672-29-6        | Aroclor-1248         | 0.071 | U         | 0.071               | 0.50       | ug/L    |
| 11097-69-1        | Aroclor-1254         | 0.094 | U         | 0.094               | 0.50       | ug/L    |
| 11096-82-5        | Aroclor-1260         | 0.081 | U         | 0.081               | 0.50       | ug/L    |
| 37324-23-5        | Aroclor-1262         | 0.14  | U         | 0.14                | 0.50       | ug/L    |
| 11100-14-4        | Aroclor-1268         | 0.11  | U         | 0.11                | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |                     |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 17.0  |           | 70 (60) - 130 (140) | 85%        | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 16.6  |           | 70 (60) - 130 (140) | 83%        | SPK: 20 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates &gt;25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0042925\  
 Data File : PO110880.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Apr 2025 23:31  
 Operator : YP/AJ  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 I.BLK

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 30 02:31:24 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0041025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Apr 11 02:12:41 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-------|-------|---------|----------|--------|--------|
| -----                       |       |       |         |          |        |        |
| System Monitoring Compounds |       |       |         |          |        |        |
| 1) SA Tetrachlo...          | 3.686 | 3.683 | 160.9E6 | 84607702 | 18.392 | 16.956 |
| 2) SA Decachlor...          | 8.729 | 8.679 | 131.2E6 | 32076555 | 16.618 | 16.663 |

Target Compounds

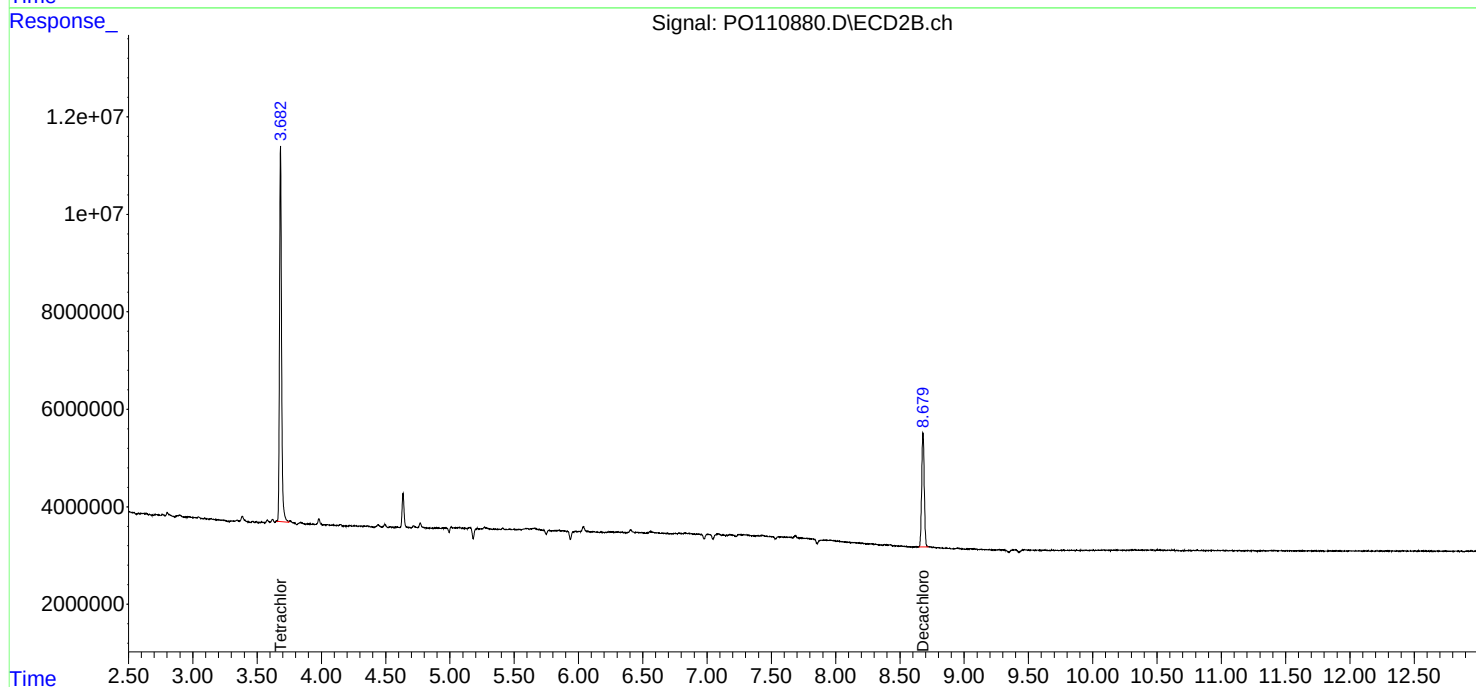
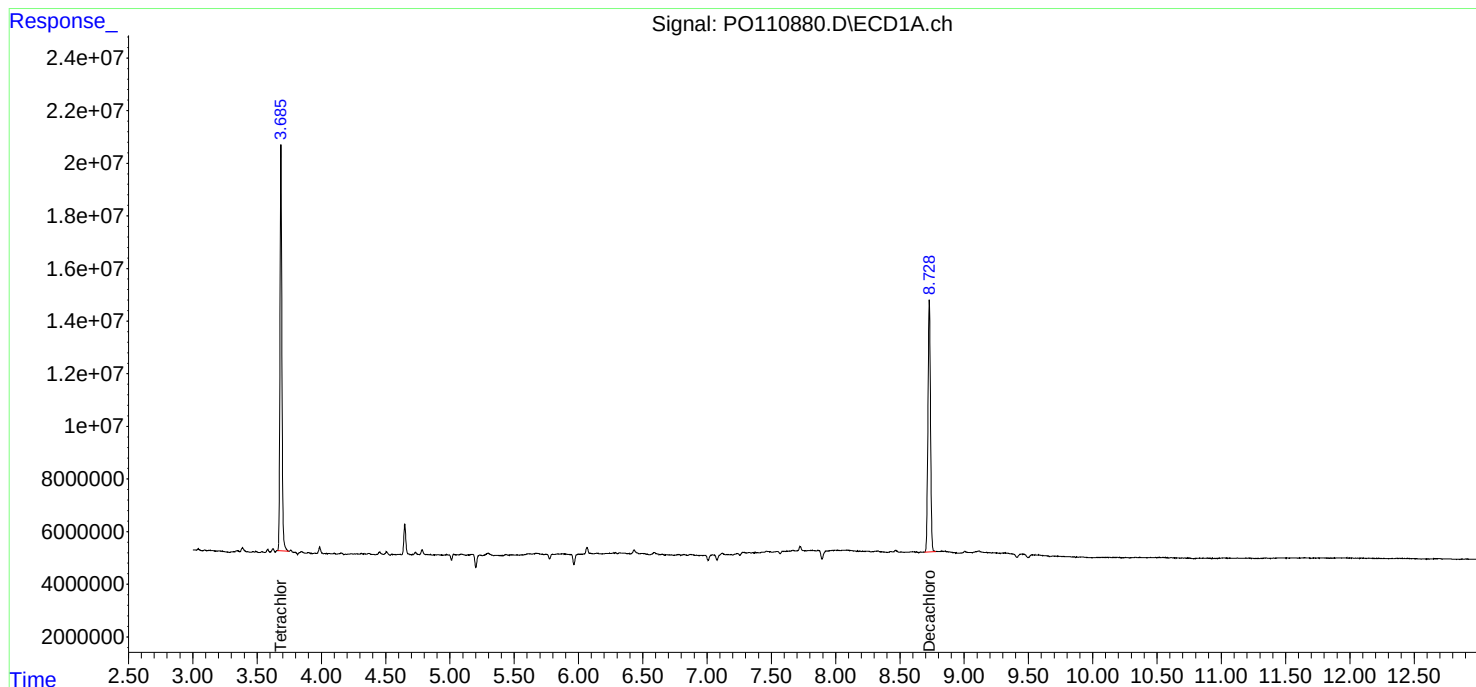
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

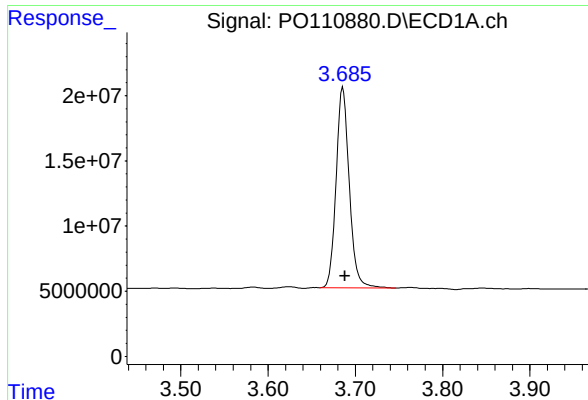
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO042925\  
Data File : PO110880.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Apr 2025 23:31  
Operator : YP/AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 30 02:31:24 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO041025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Apr 11 02:12:41 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

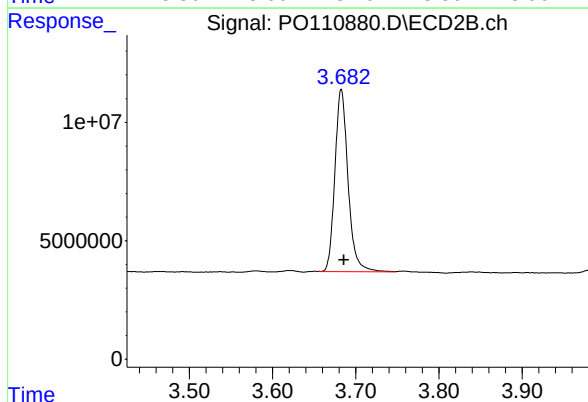




## #1 Tetrachloro-m-xylene

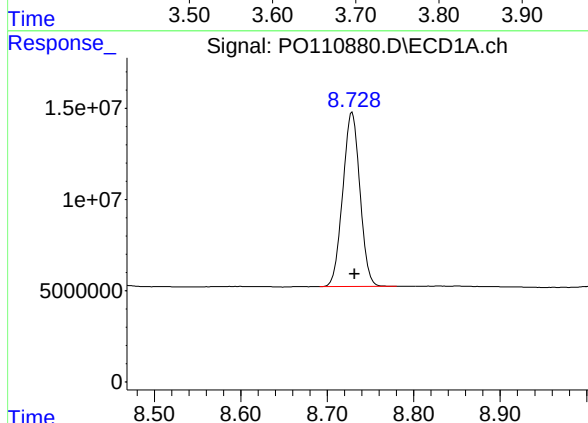
R.T.: 3.686 min  
Delta R.T.: -0.002 min  
Response: 160916942  
Conc: 18.39 ng/ml

Instrument :  
ECD\_O  
ClientSampleId :  
I.BLK



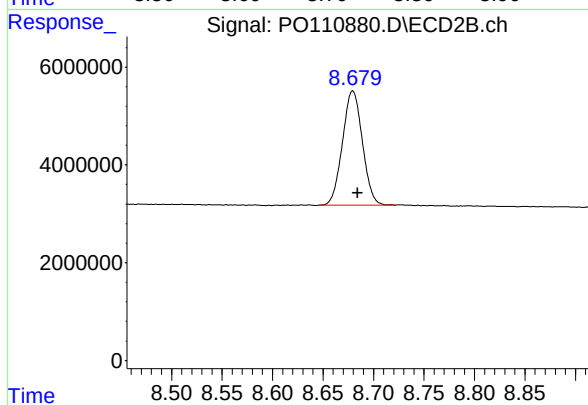
## #1 Tetrachloro-m-xylene

R.T.: 3.683 min  
Delta R.T.: -0.003 min  
Response: 84607702  
Conc: 16.96 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.729 min  
Delta R.T.: -0.003 min  
Response: 131197861  
Conc: 16.62 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.679 min  
Delta R.T.: -0.005 min  
Response: 32076555  
Conc: 16.66 ng/ml

## Report of Analysis

|                    |                              |                    |          |
|--------------------|------------------------------|--------------------|----------|
| Client:            | Portal Partners Tri-Venture  | Date Collected:    | 04/22/25 |
| Project:           | Amtrak Sawtooth Bridges 2025 | Date Received:     | 04/22/25 |
| Client Sample ID:  | PIBLK-PP071388.D             | SDG No.:           | Q1901    |
| Lab Sample ID:     | I.BLK-PP071388.D             | Matrix:            | WATER    |
| Analytical Method: | SW8082A                      | % Solid:           | 0        |
| Sample Wt/Vol:     | 1000 Units: mL               | Decanted:          |          |
| Soil Aliquot Vol:  | uL                           | Final Vol:         | 10000 uL |
| Extraction Type:   |                              | Test:              | PCB      |
| GPC Factor :       | 1.0                          | Injection Volume : |          |
| Prep Method :      | 5030                         |                    |          |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PP071388.D        | 1         |           | 04/22/25      | PP042225      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|---------------------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |                     |            |         |
| 12674-11-2        | Aroclor-1016         | 0.097 | U         | 0.097               | 0.50       | ug/L    |
| 11104-28-2        | Aroclor-1221         | 0.13  | U         | 0.13                | 0.50       | ug/L    |
| 11141-16-5        | Aroclor-1232         | 0.096 | U         | 0.096               | 0.50       | ug/L    |
| 53469-21-9        | Aroclor-1242         | 0.12  | U         | 0.12                | 0.50       | ug/L    |
| 12672-29-6        | Aroclor-1248         | 0.071 | U         | 0.071               | 0.50       | ug/L    |
| 11097-69-1        | Aroclor-1254         | 0.094 | U         | 0.094               | 0.50       | ug/L    |
| 11096-82-5        | Aroclor-1260         | 0.081 | U         | 0.081               | 0.50       | ug/L    |
| 37324-23-5        | Aroclor-1262         | 0.14  | U         | 0.14                | 0.50       | ug/L    |
| 11100-14-4        | Aroclor-1268         | 0.11  | U         | 0.11                | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |                     |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 17.1  |           | 70 (60) - 130 (140) | 85%        | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 17.6  |           | 70 (60) - 130 (140) | 88%        | SPK: 20 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates &gt;25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
Data File : PP071388.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Apr 2025 10:13  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 22 19:33:55 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Apr 22 17:08:14 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|--------|-------|----------|----------|--------|--------|
| -----                       |        |       |          |          |        |        |
| System Monitoring Compounds |        |       |          |          |        |        |
| 1) SA Tetrachlo...          | 4.512  | 3.811 | 33865777 | 24238749 | 17.081 | 17.207 |
| 2) SA Decachlor...          | 10.233 | 8.847 | 25533987 | 15462668 | 17.634 | 17.630 |

Target Compounds

-----

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

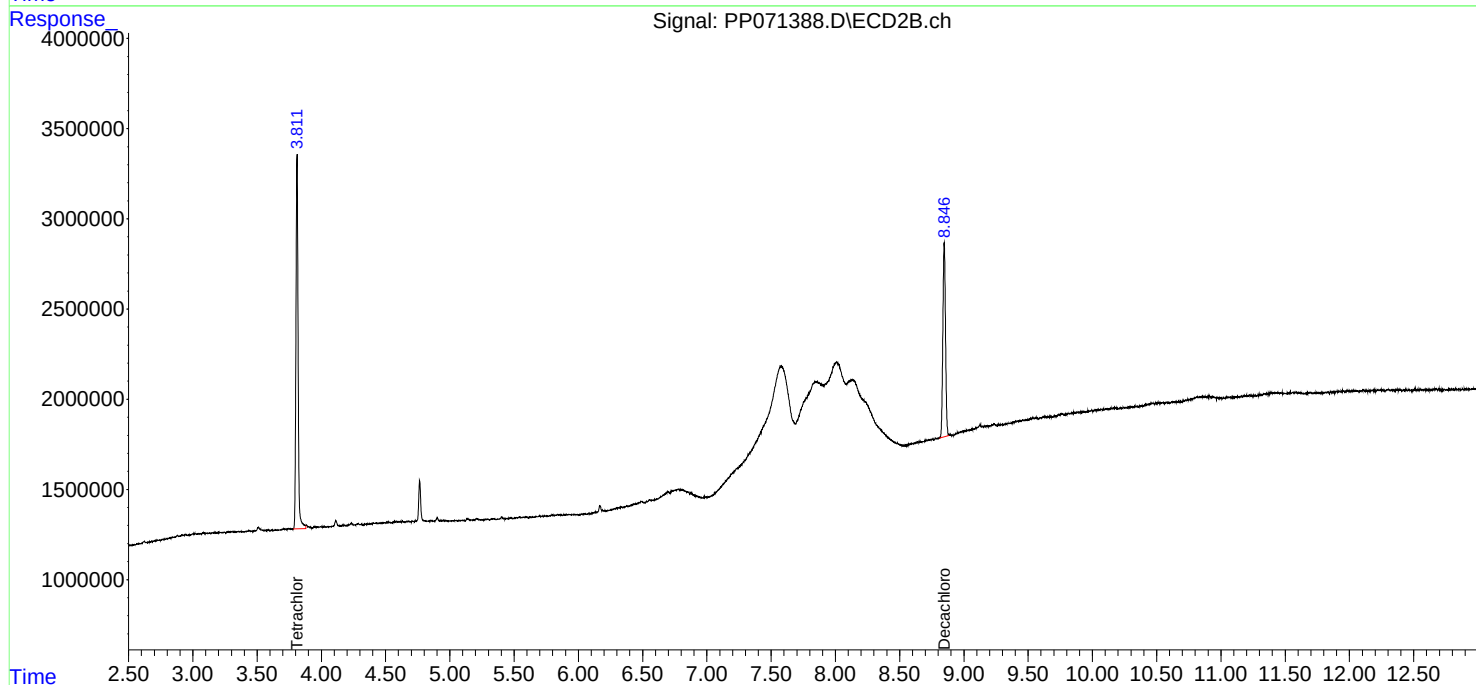
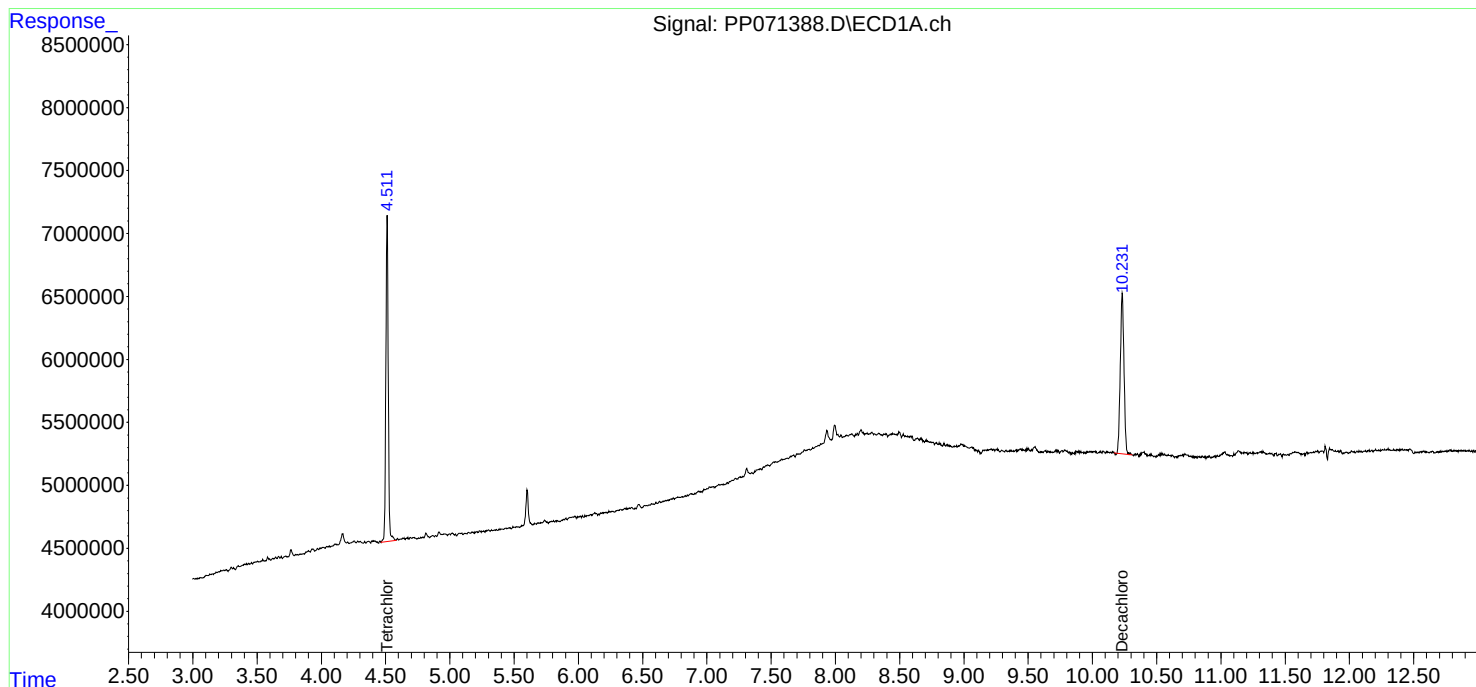


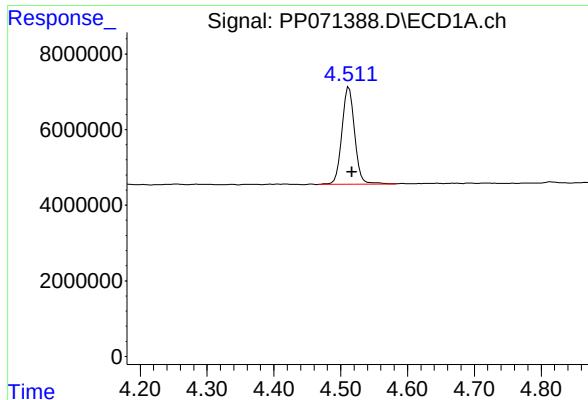
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042225\  
Data File : PP071388.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Apr 2025 10:13  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 22 19:33:55 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Apr 22 17:08:14 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

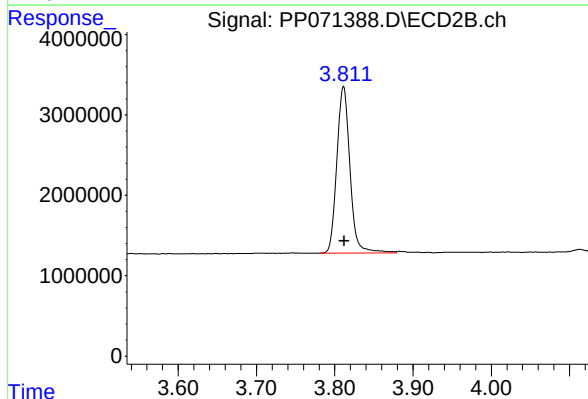




## #1 Tetrachloro-m-xylene

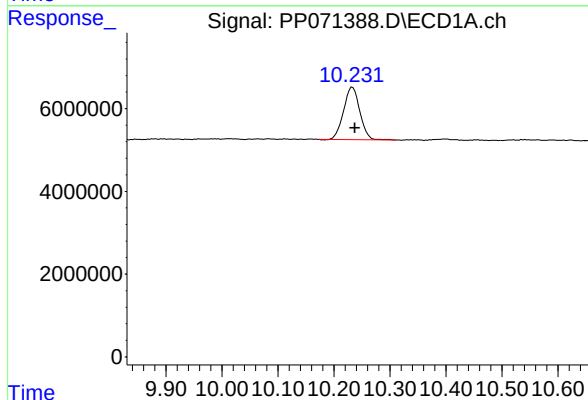
R.T.: 4.512 min  
Delta R.T.: -0.005 min  
Response: 33865777  
Conc: 17.08 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



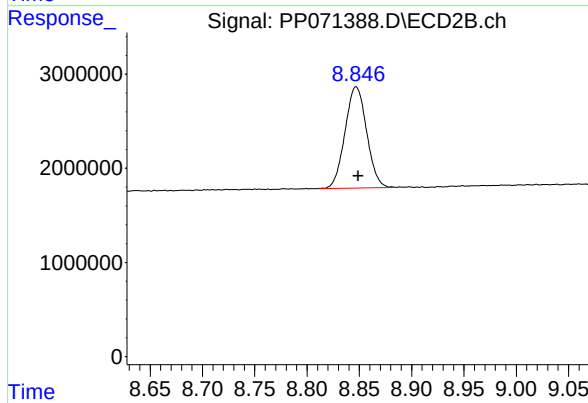
## #1 Tetrachloro-m-xylene

R.T.: 3.811 min  
Delta R.T.: -0.001 min  
Response: 24238749  
Conc: 17.21 ng/ml



## #2 Decachlorobiphenyl

R.T.: 10.233 min  
Delta R.T.: -0.005 min  
Response: 25533987  
Conc: 17.63 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.847 min  
Delta R.T.: -0.002 min  
Response: 15462668  
Conc: 17.63 ng/ml

## Report of Analysis

|                    |                              |                    |          |
|--------------------|------------------------------|--------------------|----------|
| Client:            | Portal Partners Tri-Venture  | Date Collected:    | 04/29/25 |
| Project:           | Amtrak Sawtooth Bridges 2025 | Date Received:     | 04/29/25 |
| Client Sample ID:  | PIBLK-PP071603.D             | SDG No.:           | Q1901    |
| Lab Sample ID:     | I.BLK-PP071603.D             | Matrix:            | WATER    |
| Analytical Method: | SW8082A                      | % Solid:           | 0        |
| Sample Wt/Vol:     | 1000 Units: mL               | Decanted:          |          |
| Soil Aliquot Vol:  | uL                           | Final Vol:         | 10000 uL |
| Extraction Type:   |                              | Test:              | PCB      |
| GPC Factor :       | 1.0                          | Injection Volume : |          |
| Prep Method :      | 5030                         |                    |          |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PP071603.D        | 1         |           | 04/29/25      | PP042925      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|---------------------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |                     |            |         |
| 12674-11-2        | Aroclor-1016         | 0.097 | U         | 0.097               | 0.50       | ug/L    |
| 11104-28-2        | Aroclor-1221         | 0.13  | U         | 0.13                | 0.50       | ug/L    |
| 11141-16-5        | Aroclor-1232         | 0.096 | U         | 0.096               | 0.50       | ug/L    |
| 53469-21-9        | Aroclor-1242         | 0.12  | U         | 0.12                | 0.50       | ug/L    |
| 12672-29-6        | Aroclor-1248         | 0.071 | U         | 0.071               | 0.50       | ug/L    |
| 11097-69-1        | Aroclor-1254         | 0.094 | U         | 0.094               | 0.50       | ug/L    |
| 11096-82-5        | Aroclor-1260         | 0.081 | U         | 0.081               | 0.50       | ug/L    |
| 37324-23-5        | Aroclor-1262         | 0.14  | U         | 0.14                | 0.50       | ug/L    |
| 11100-14-4        | Aroclor-1268         | 0.11  | U         | 0.11                | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |                     |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 15.9  |           | 70 (60) - 130 (140) | 79%        | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 17.3  |           | 70 (60) - 130 (140) | 86%        | SPK: 20 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates &gt;25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042925\  
 Data File : PP071603.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Apr 2025 11:40  
 Operator : YP\AJ  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 I.BLK

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 30 02:23:10 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Apr 23 05:02:06 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|--------|-------|----------|----------|--------|--------|
| -----                       |        |       |          |          |        |        |
| System Monitoring Compounds |        |       |          |          |        |        |
| 1) SA Tetrachlo...          | 4.513  | 3.810 | 31514881 | 25751652 | 15.895 | 18.281 |
| 2) SA Decachlor...          | 10.229 | 8.841 | 25049096 | 16336236 | 17.299 | 18.626 |

Target Compounds

-----

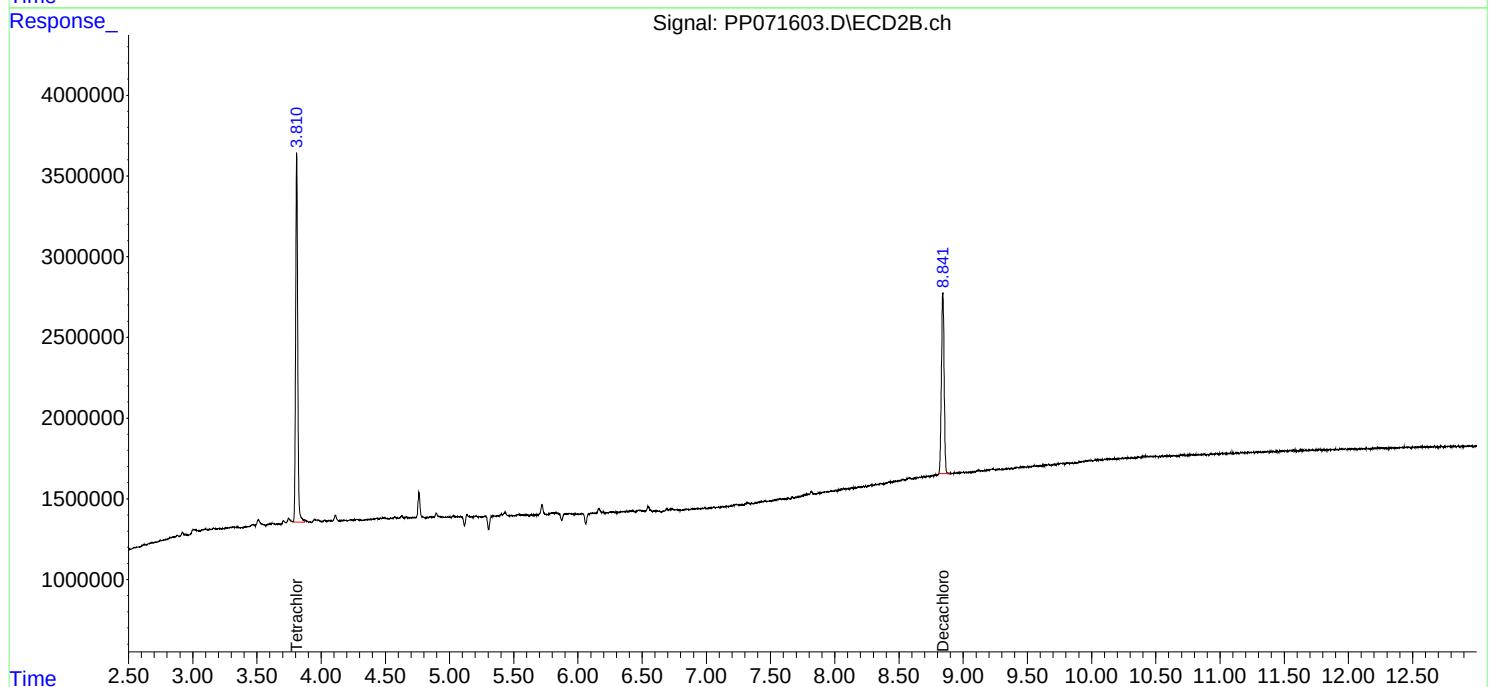
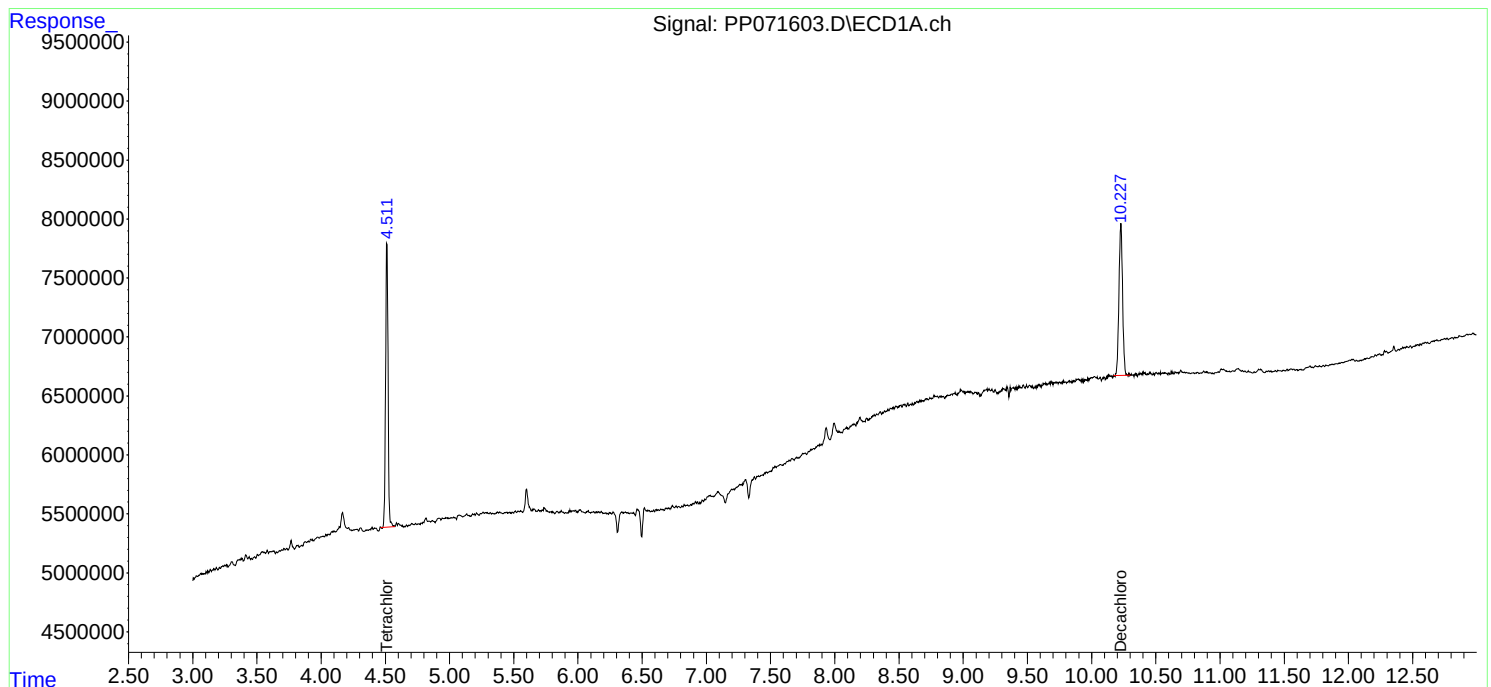
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

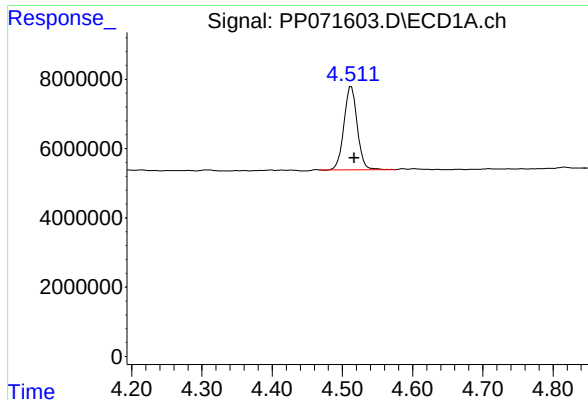
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042925\  
Data File : PP071603.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Apr 2025 11:40  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 30 02:23:10 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Apr 23 05:02:06 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

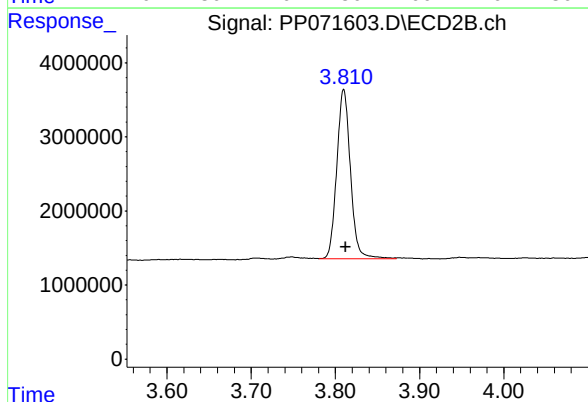




## #1 Tetrachloro-m-xylene

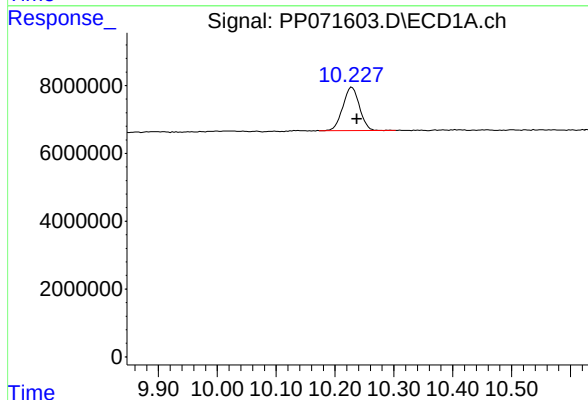
R.T.: 4.513 min  
Delta R.T.: -0.004 min  
Response: 31514881  
Conc: 15.90 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



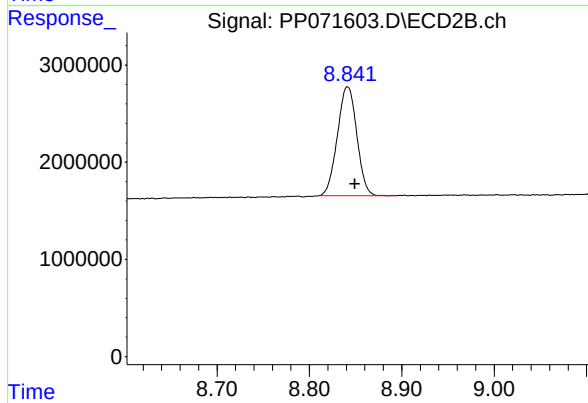
## #1 Tetrachloro-m-xylene

R.T.: 3.810 min  
Delta R.T.: -0.002 min  
Response: 25751652  
Conc: 18.28 ng/ml



## #2 Decachlorobiphenyl

R.T.: 10.229 min  
Delta R.T.: -0.009 min  
Response: 25049096  
Conc: 17.30 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.841 min  
Delta R.T.: -0.008 min  
Response: 16336236  
Conc: 18.63 ng/ml

## Report of Analysis

|                    |                              |           |                    |          |           |
|--------------------|------------------------------|-----------|--------------------|----------|-----------|
| Client:            | Portal Partners Tri-Venture  |           | Date Collected:    | 04/29/25 |           |
| Project:           | Amtrak Sawtooth Bridges 2025 |           | Date Received:     | 04/29/25 |           |
| Client Sample ID:  | PIBLK-PP071618.D             |           | SDG No.:           | Q1901    |           |
| Lab Sample ID:     | I.BLK-PP071618.D             |           | Matrix:            | WATER    |           |
| Analytical Method: | SW8082A                      |           | % Solid:           | 0        | Decanted: |
| Sample Wt/Vol:     | 1000                         | Units: mL | Final Vol:         | 10000    | uL        |
| Soil Aliquot Vol:  |                              | uL        | Test:              | PCB      |           |
| Extraction Type:   |                              |           | Injection Volume : |          |           |
| GPC Factor :       | 1.0                          | PH :      |                    |          |           |
| Prep Method :      | 5030                         |           |                    |          |           |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PP071618.D        | 1         |           | 04/29/25      | PP042925      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|---------------------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |                     |            |         |
| 12674-11-2        | Aroclor-1016         | 0.097 | U         | 0.097               | 0.50       | ug/L    |
| 11104-28-2        | Aroclor-1221         | 0.13  | U         | 0.13                | 0.50       | ug/L    |
| 11141-16-5        | Aroclor-1232         | 0.096 | U         | 0.096               | 0.50       | ug/L    |
| 53469-21-9        | Aroclor-1242         | 0.12  | U         | 0.12                | 0.50       | ug/L    |
| 12672-29-6        | Aroclor-1248         | 0.071 | U         | 0.071               | 0.50       | ug/L    |
| 11097-69-1        | Aroclor-1254         | 0.094 | U         | 0.094               | 0.50       | ug/L    |
| 11096-82-5        | Aroclor-1260         | 0.081 | U         | 0.081               | 0.50       | ug/L    |
| 37324-23-5        | Aroclor-1262         | 0.14  | U         | 0.14                | 0.50       | ug/L    |
| 11100-14-4        | Aroclor-1268         | 0.11  | U         | 0.11                | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |                     |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 16.0  |           | 70 (60) - 130 (140) | 80%        | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 18.0  |           | 70 (60) - 130 (140) | 90%        | SPK: 20 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042925\  
 Data File : PP071618.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Apr 2025 17:51  
 Operator : YP\AJ  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 I.BLK

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 30 02:27:14 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Apr 23 05:02:06 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|--------|-------|----------|----------|--------|--------|
| -----                       |        |       |          |          |        |        |
| System Monitoring Compounds |        |       |          |          |        |        |
| 1) SA Tetrachlo...          | 4.511  | 3.810 | 31687452 | 24292520 | 15.982 | 17.245 |
| 2) SA Decachlor...          | 10.228 | 8.842 | 26119160 | 16903953 | 18.038 | 19.274 |

Target Compounds

-----

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

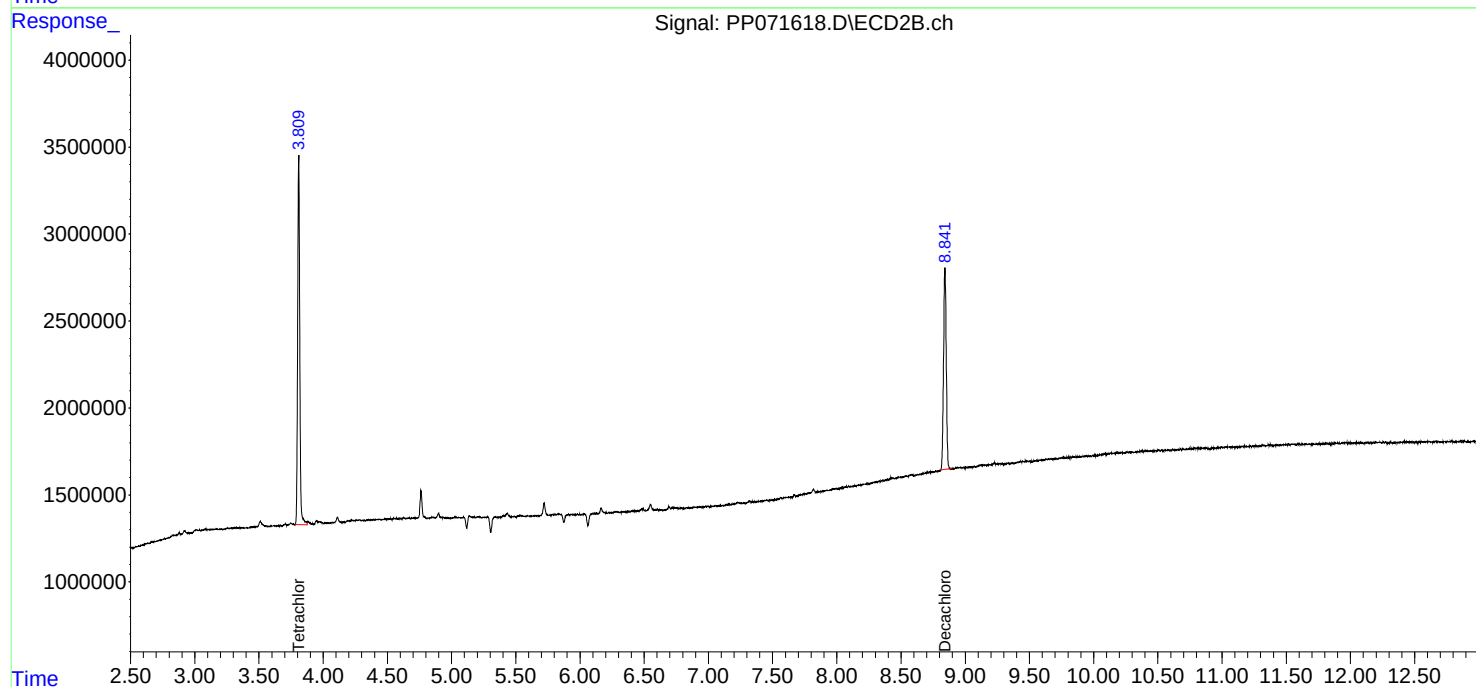
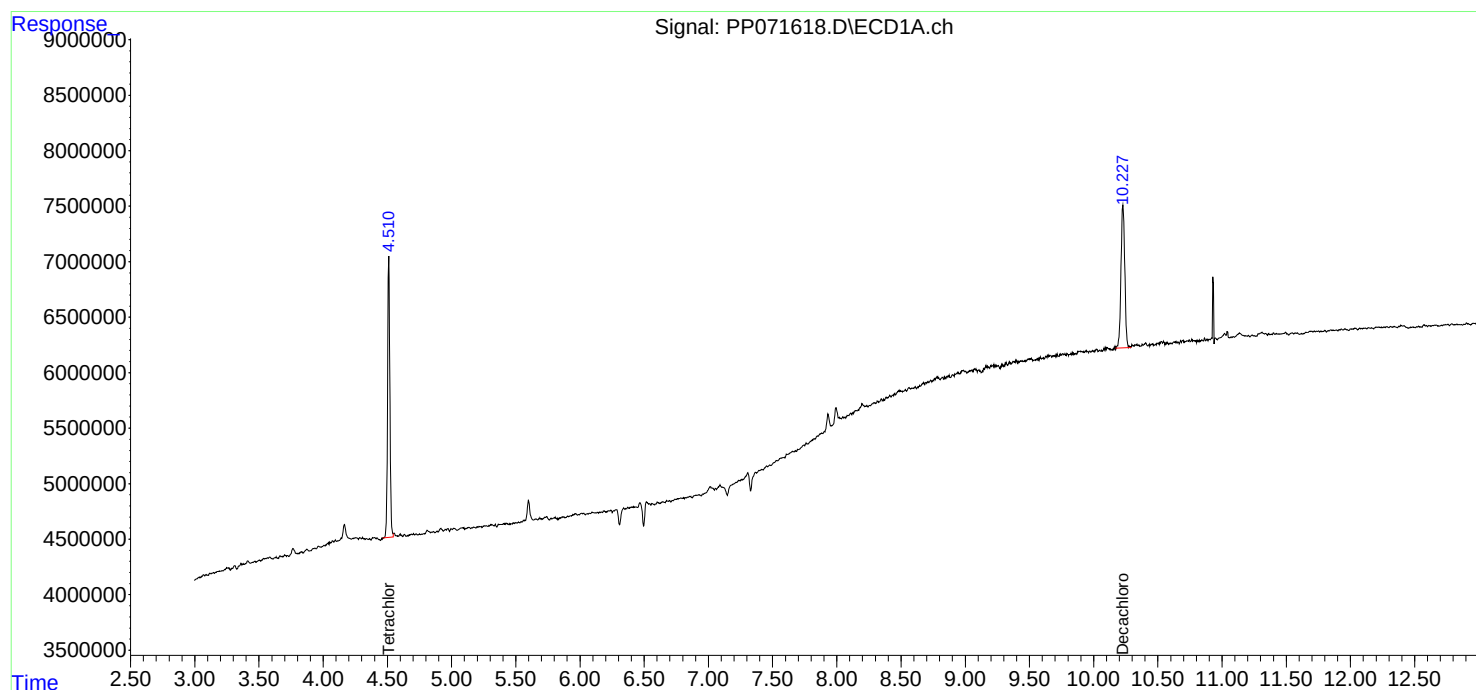


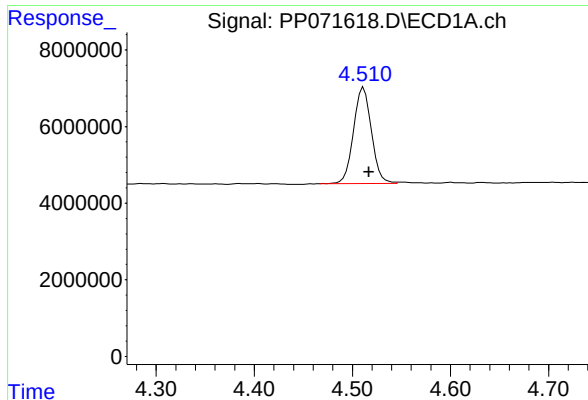
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042925\  
Data File : PP071618.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Apr 2025 17:51  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 30 02:27:14 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Apr 23 05:02:06 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

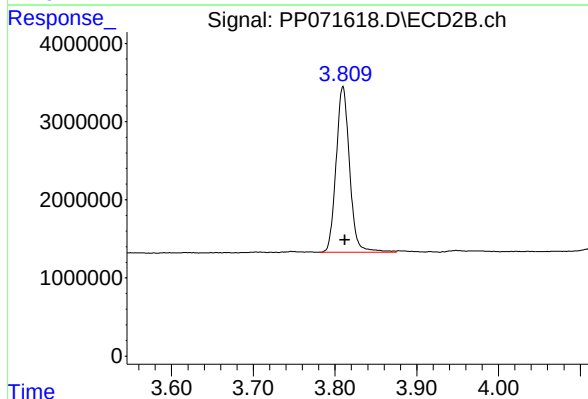




## #1 Tetrachloro-m-xylene

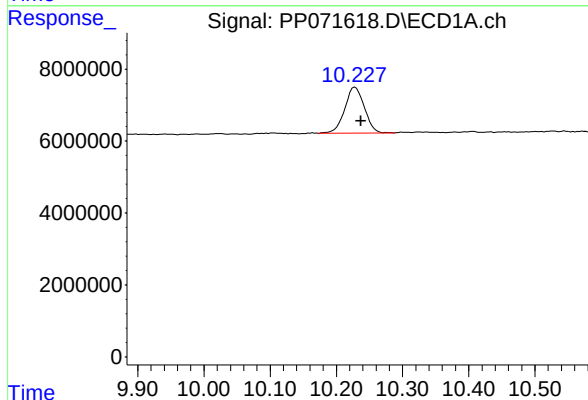
R.T.: 4.511 min  
Delta R.T.: -0.006 min  
Response: 31687452  
Conc: 15.98 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



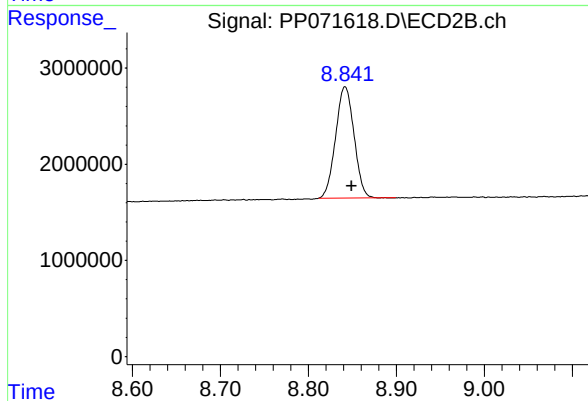
## #1 Tetrachloro-m-xylene

R.T.: 3.810 min  
Delta R.T.: -0.003 min  
Response: 24292520  
Conc: 17.25 ng/ml



## #2 Decachlorobiphenyl

R.T.: 10.228 min  
Delta R.T.: -0.009 min  
Response: 26119160  
Conc: 18.04 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.842 min  
Delta R.T.: -0.007 min  
Response: 16903953  
Conc: 19.27 ng/ml

## Report of Analysis

|                    |                              |                    |          |
|--------------------|------------------------------|--------------------|----------|
| Client:            | Portal Partners Tri-Venture  | Date Collected:    | 04/29/25 |
| Project:           | Amtrak Sawtooth Bridges 2025 | Date Received:     | 04/29/25 |
| Client Sample ID:  | PIBLK-PP071633.D             | SDG No.:           | Q1901    |
| Lab Sample ID:     | I.BLK-PP071633.D             | Matrix:            | WATER    |
| Analytical Method: | SW8082A                      | % Solid:           | 0        |
| Sample Wt/Vol:     | 1000 Units: mL               | Decanted:          |          |
| Soil Aliquot Vol:  | uL                           | Final Vol:         | 10000 uL |
| Extraction Type:   |                              | Test:              | PCB      |
| GPC Factor :       | 1.0                          | Injection Volume : |          |
| PH :               |                              |                    |          |
| Prep Method :      | 5030                         |                    |          |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PP071633.D        | 1         |           | 04/29/25      | PP042925      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|---------------------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |                     |            |         |
| 12674-11-2        | Aroclor-1016         | 0.097 | U         | 0.097               | 0.50       | ug/L    |
| 11104-28-2        | Aroclor-1221         | 0.13  | U         | 0.13                | 0.50       | ug/L    |
| 11141-16-5        | Aroclor-1232         | 0.096 | U         | 0.096               | 0.50       | ug/L    |
| 53469-21-9        | Aroclor-1242         | 0.12  | U         | 0.12                | 0.50       | ug/L    |
| 12672-29-6        | Aroclor-1248         | 0.071 | U         | 0.071               | 0.50       | ug/L    |
| 11097-69-1        | Aroclor-1254         | 0.094 | U         | 0.094               | 0.50       | ug/L    |
| 11096-82-5        | Aroclor-1260         | 0.081 | U         | 0.081               | 0.50       | ug/L    |
| 37324-23-5        | Aroclor-1262         | 0.14  | U         | 0.14                | 0.50       | ug/L    |
| 11100-14-4        | Aroclor-1268         | 0.11  | U         | 0.11                | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |                     |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 16.8  |           | 70 (60) - 130 (140) | 84%        | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 18.0  |           | 70 (60) - 130 (140) | 90%        | SPK: 20 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates &gt;25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042925\  
Data File : PP071633.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Apr 2025 23:17  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 30 02:31:14 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Apr 23 05:02:06 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|--------|-------|----------|----------|--------|--------|
| -----                       |        |       |          |          |        |        |
| System Monitoring Compounds |        |       |          |          |        |        |
| 1) SA Tetrachlo...          | 4.514  | 3.810 | 33219317 | 25578699 | 16.755 | 18.158 |
| 2) SA Decachlor...          | 10.231 | 8.841 | 26115810 | 16853674 | 18.036 | 19.216 |

Target Compounds  
-----

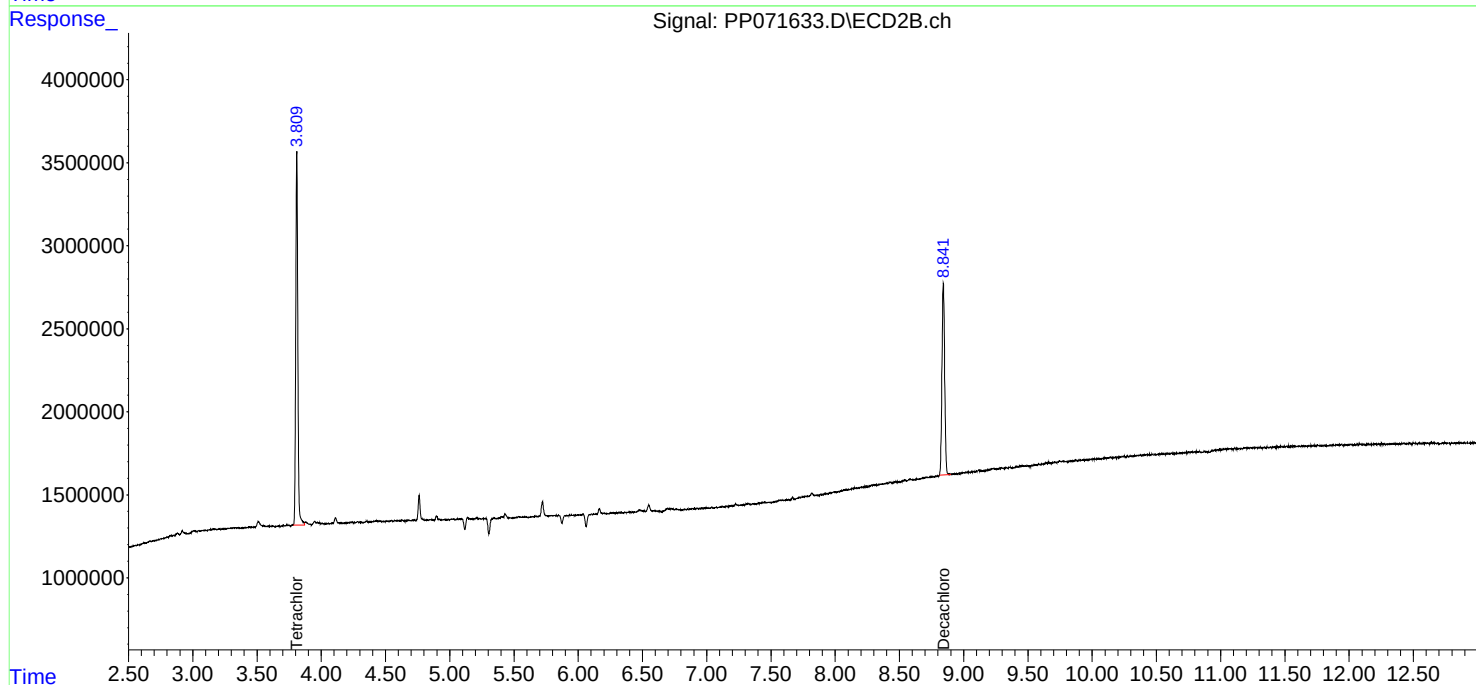
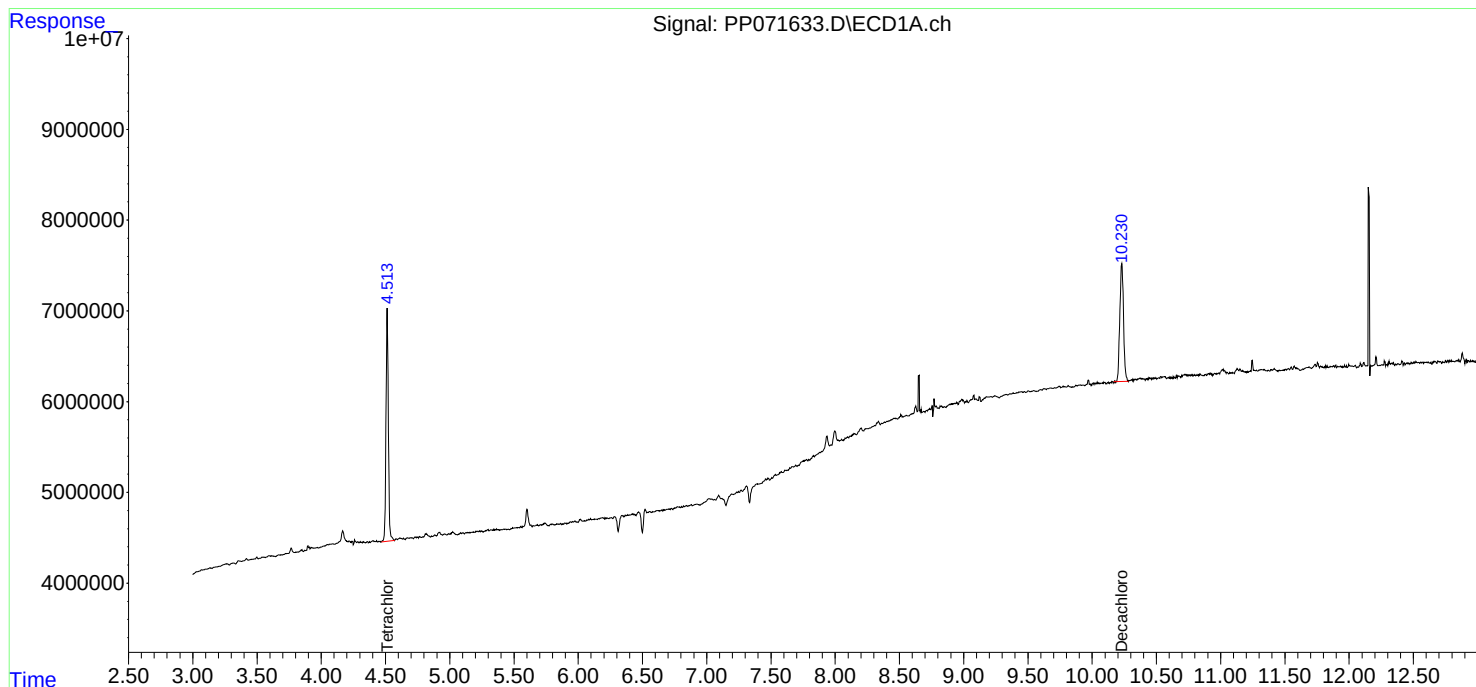
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

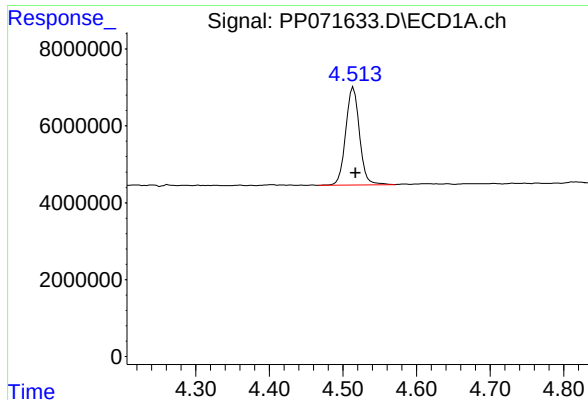
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042925\  
Data File : PP071633.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Apr 2025 23:17  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 30 02:31:14 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Apr 23 05:02:06 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

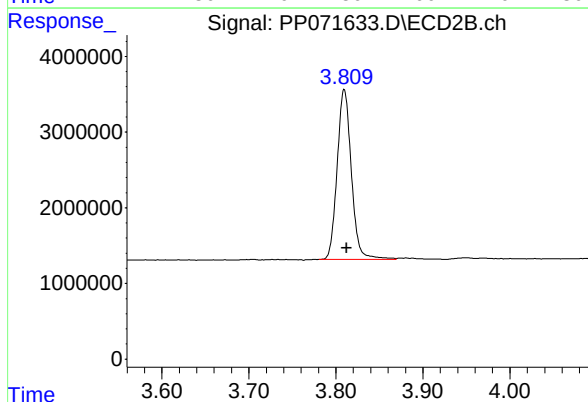




## #1 Tetrachloro-m-xylene

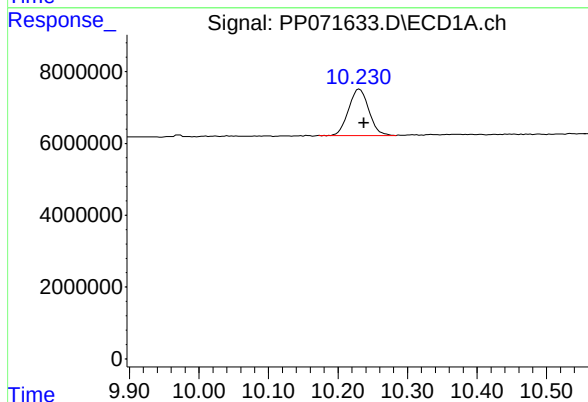
R.T.: 4.514 min  
Delta R.T.: -0.003 min  
Response: 33219317  
Conc: 16.76 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



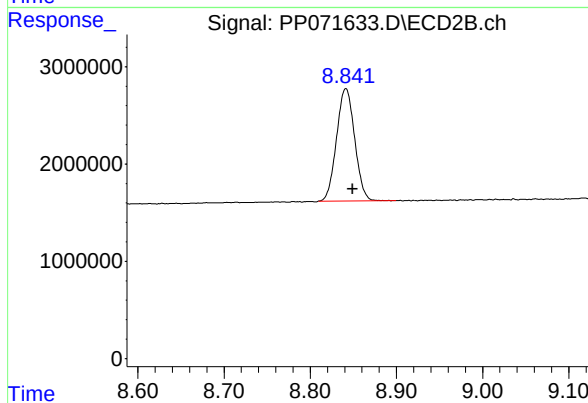
## #1 Tetrachloro-m-xylene

R.T.: 3.810 min  
Delta R.T.: -0.003 min  
Response: 25578699  
Conc: 18.16 ng/ml



## #2 Decachlorobiphenyl

R.T.: 10.231 min  
Delta R.T.: -0.006 min  
Response: 26115810  
Conc: 18.04 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.841 min  
Delta R.T.: -0.008 min  
Response: 16853674  
Conc: 19.22 ng/ml

## Report of Analysis

|                    |                              |                    |          |
|--------------------|------------------------------|--------------------|----------|
| Client:            | Portal Partners Tri-Venture  | Date Collected:    | 04/30/25 |
| Project:           | Amtrak Sawtooth Bridges 2025 | Date Received:     | 04/30/25 |
| Client Sample ID:  | PIBLK-PP071639.D             | SDG No.:           | Q1901    |
| Lab Sample ID:     | I.BLK-PP071639.D             | Matrix:            | WATER    |
| Analytical Method: | SW8082A                      | % Solid:           | 0        |
| Sample Wt/Vol:     | 1000 Units: mL               | Decanted:          |          |
| Soil Aliquot Vol:  | uL                           | Final Vol:         | 10000 uL |
| Extraction Type:   |                              | Test:              | PCB      |
| GPC Factor :       | 1.0                          | Injection Volume : |          |
| Prep Method :      | 5030                         |                    |          |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PP071639.D        | 1         |           | 04/30/25      | PP043025      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|---------------------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |                     |            |         |
| 12674-11-2        | Aroclor-1016         | 0.097 | U         | 0.097               | 0.50       | ug/L    |
| 11104-28-2        | Aroclor-1221         | 0.13  | U         | 0.13                | 0.50       | ug/L    |
| 11141-16-5        | Aroclor-1232         | 0.096 | U         | 0.096               | 0.50       | ug/L    |
| 53469-21-9        | Aroclor-1242         | 0.12  | U         | 0.12                | 0.50       | ug/L    |
| 12672-29-6        | Aroclor-1248         | 0.071 | U         | 0.071               | 0.50       | ug/L    |
| 11097-69-1        | Aroclor-1254         | 0.094 | U         | 0.094               | 0.50       | ug/L    |
| 11096-82-5        | Aroclor-1260         | 0.081 | U         | 0.081               | 0.50       | ug/L    |
| 37324-23-5        | Aroclor-1262         | 0.14  | U         | 0.14                | 0.50       | ug/L    |
| 11100-14-4        | Aroclor-1268         | 0.11  | U         | 0.11                | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |                     |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 16.2  |           | 70 (60) - 130 (140) | 81%        | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 17.4  |           | 70 (60) - 130 (140) | 87%        | SPK: 20 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP043025\  
 Data File : PP071639.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Apr 2025 10:17  
 Operator : YP\AJ  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 I.BLK

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 30 11:35:38 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Apr 23 05:02:06 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|--------|-------|----------|----------|--------|--------|
| -----                       |        |       |          |          |        |        |
| System Monitoring Compounds |        |       |          |          |        |        |
| 1) SA Tetrachlo...          | 4.509  | 3.809 | 32099404 | 23118283 | 16.190 | 16.412 |
| 2) SA Decachlor...          | 10.224 | 8.839 | 25274933 | 15430633 | 17.455 | 17.594 |

Target Compounds

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

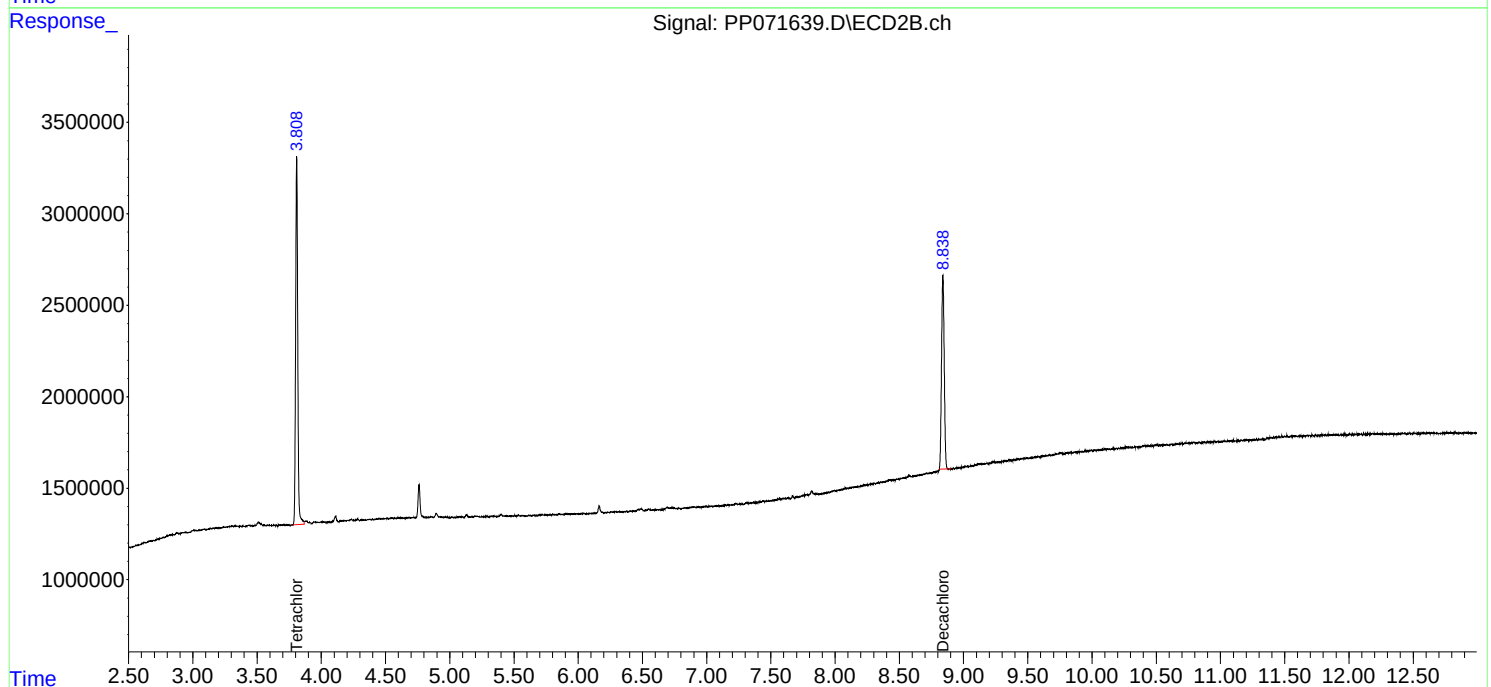
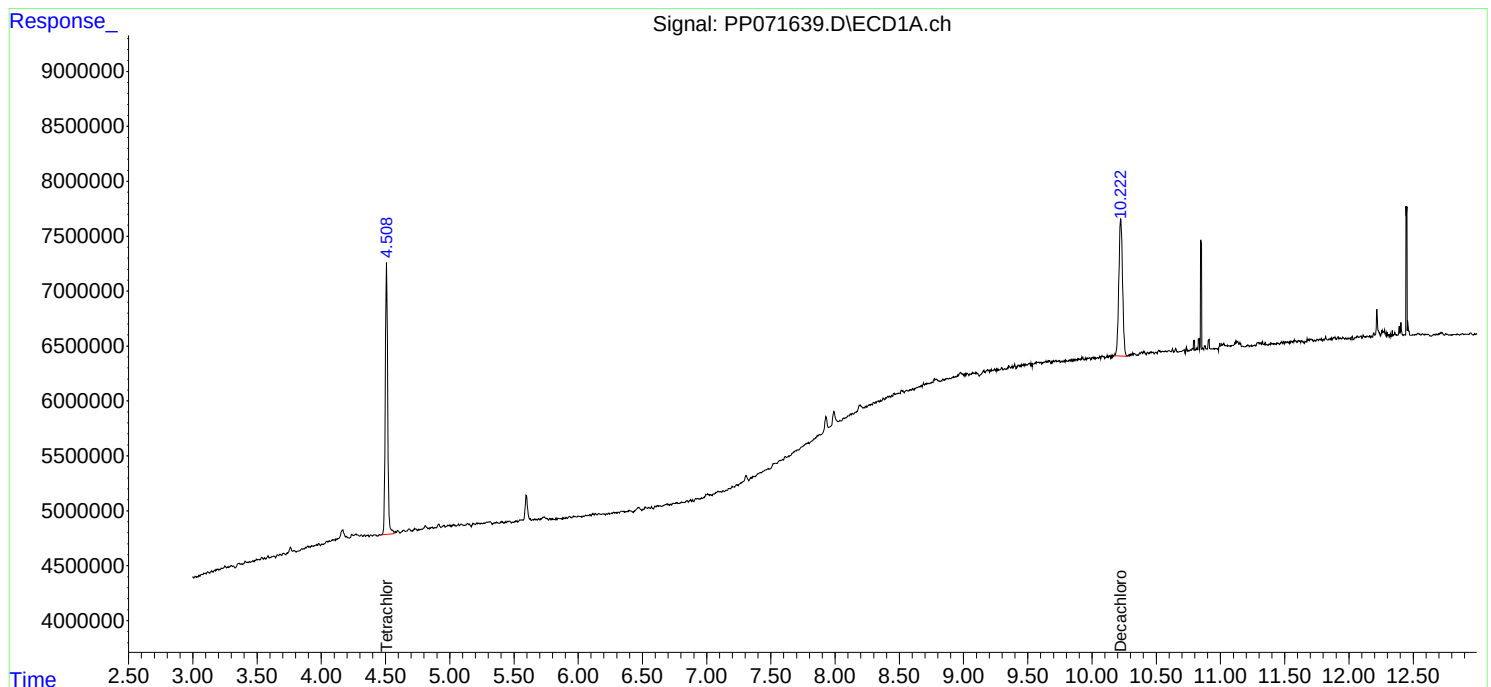


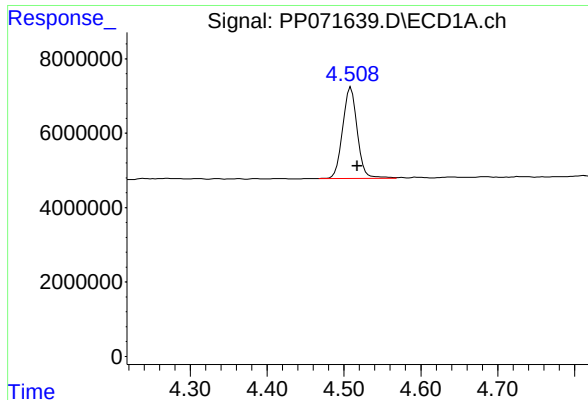
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP043025\  
Data File : PP071639.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Apr 2025 10:17  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 30 11:35:38 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Apr 23 05:02:06 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

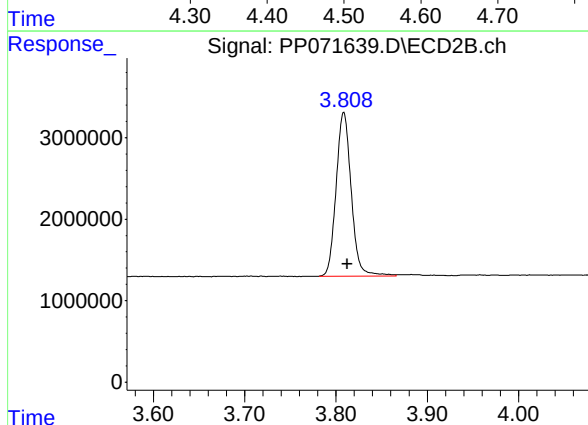




## #1 Tetrachloro-m-xylene

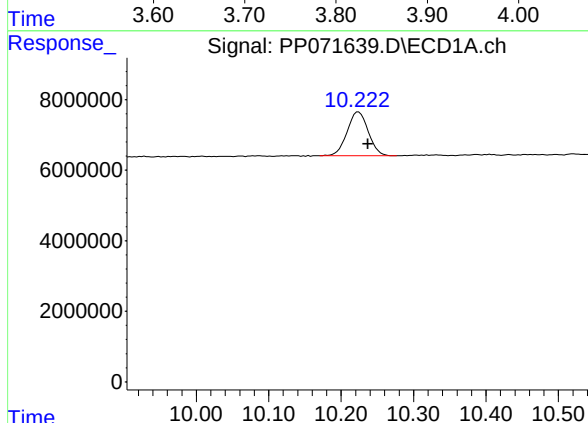
R.T.: 4.509 min  
Delta R.T.: -0.008 min  
Response: 32099404  
Conc: 16.19 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



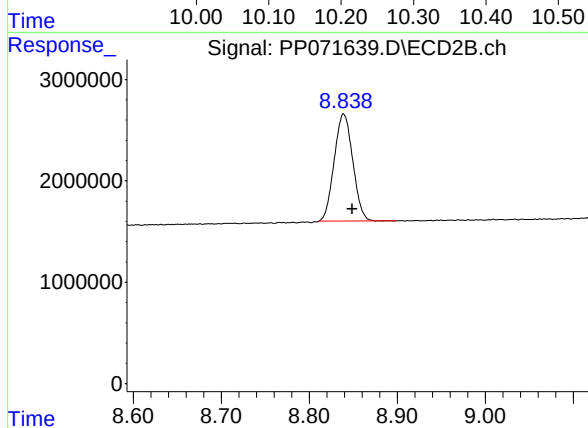
## #1 Tetrachloro-m-xylene

R.T.: 3.809 min  
Delta R.T.: -0.004 min  
Response: 23118283  
Conc: 16.41 ng/ml



## #2 Decachlorobiphenyl

R.T.: 10.224 min  
Delta R.T.: -0.013 min  
Response: 25274933  
Conc: 17.45 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.839 min  
Delta R.T.: -0.010 min  
Response: 15430633  
Conc: 17.59 ng/ml

## Report of Analysis

|                    |                              |                    |          |
|--------------------|------------------------------|--------------------|----------|
| Client:            | Portal Partners Tri-Venture  | Date Collected:    | 04/30/25 |
| Project:           | Amtrak Sawtooth Bridges 2025 | Date Received:     | 04/30/25 |
| Client Sample ID:  | PIBLK-PP071654.D             | SDG No.:           | Q1901    |
| Lab Sample ID:     | I.BLK-PP071654.D             | Matrix:            | WATER    |
| Analytical Method: | SW8082A                      | % Solid:           | 0        |
| Sample Wt/Vol:     | 1000 Units: mL               | Decanted:          |          |
| Soil Aliquot Vol:  | uL                           | Final Vol:         | 10000 uL |
| Extraction Type:   |                              | Test:              | PCB      |
| GPC Factor :       | 1.0                          | Injection Volume : |          |
| Prep Method :      | 5030                         |                    |          |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PP071654.D        | 1         |           | 04/30/25      | pp043025      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|---------------------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |                     |            |         |
| 12674-11-2        | Aroclor-1016         | 0.097 | U         | 0.097               | 0.50       | ug/L    |
| 11104-28-2        | Aroclor-1221         | 0.13  | U         | 0.13                | 0.50       | ug/L    |
| 11141-16-5        | Aroclor-1232         | 0.096 | U         | 0.096               | 0.50       | ug/L    |
| 53469-21-9        | Aroclor-1242         | 0.12  | U         | 0.12                | 0.50       | ug/L    |
| 12672-29-6        | Aroclor-1248         | 0.071 | U         | 0.071               | 0.50       | ug/L    |
| 11097-69-1        | Aroclor-1254         | 0.094 | U         | 0.094               | 0.50       | ug/L    |
| 11096-82-5        | Aroclor-1260         | 0.081 | U         | 0.081               | 0.50       | ug/L    |
| 37324-23-5        | Aroclor-1262         | 0.14  | U         | 0.14                | 0.50       | ug/L    |
| 11100-14-4        | Aroclor-1268         | 0.11  | U         | 0.11                | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |                     |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 15.9  |           | 70 (60) - 130 (140) | 80%        | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 17.1  |           | 70 (60) - 130 (140) | 85%        | SPK: 20 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP043025\  
 Data File : PP071654.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Apr 2025 17:16  
 Operator : YP\AJ  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 I.BLK

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 01 01:01:00 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Apr 23 05:02:06 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|--------|-------|----------|----------|--------|--------|
| -----                       |        |       |          |          |        |        |
| System Monitoring Compounds |        |       |          |          |        |        |
| 1) SA Tetrachlo...          | 4.512  | 3.810 | 31624449 | 23488588 | 15.951 | 16.675 |
| 2) SA Decachlor...          | 10.228 | 8.841 | 24720611 | 16101382 | 17.072 | 18.359 |

Target Compounds

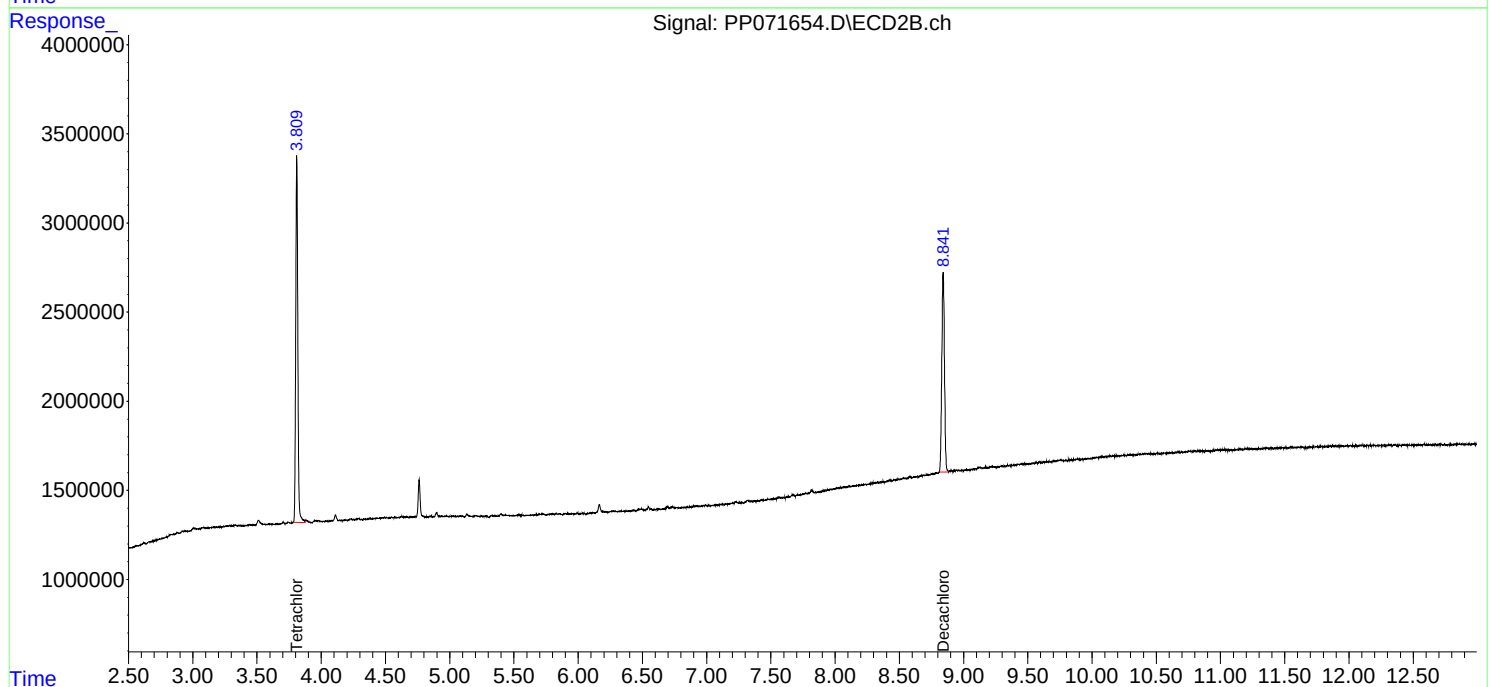
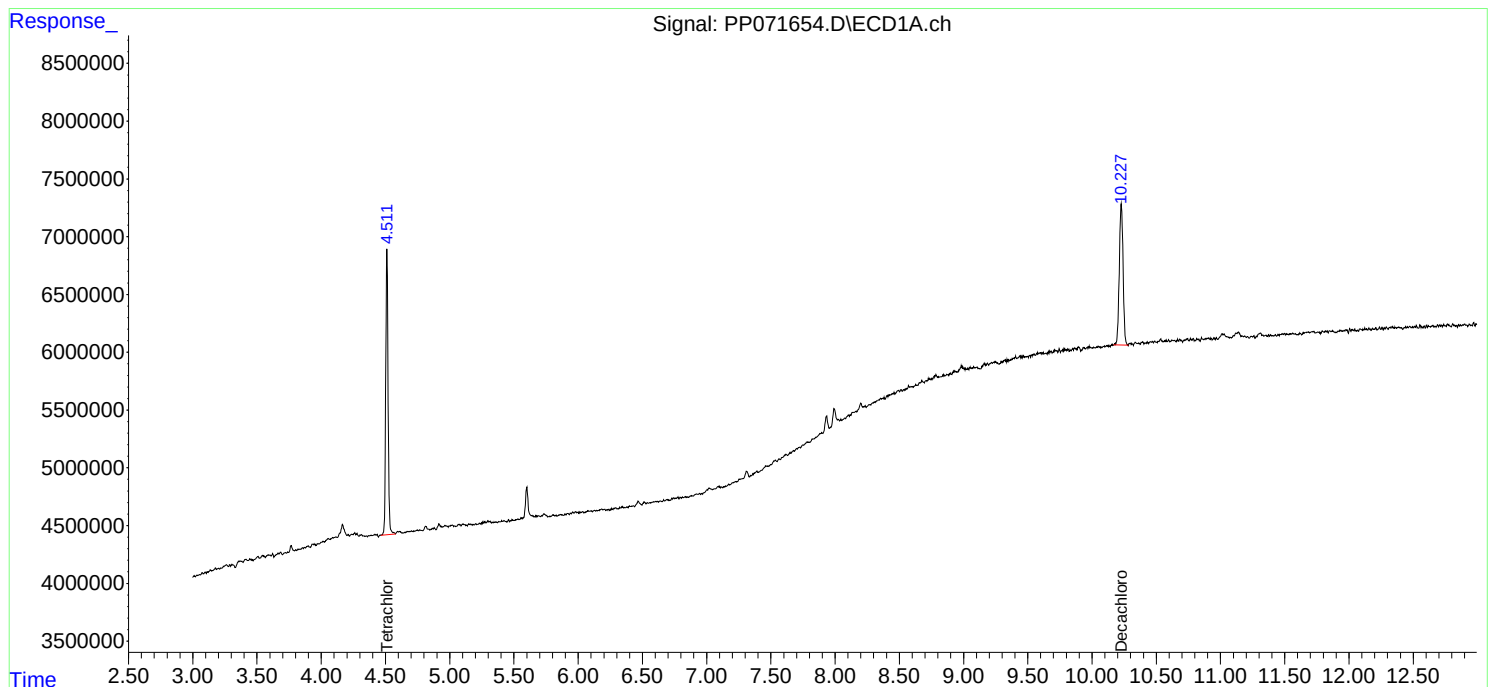
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

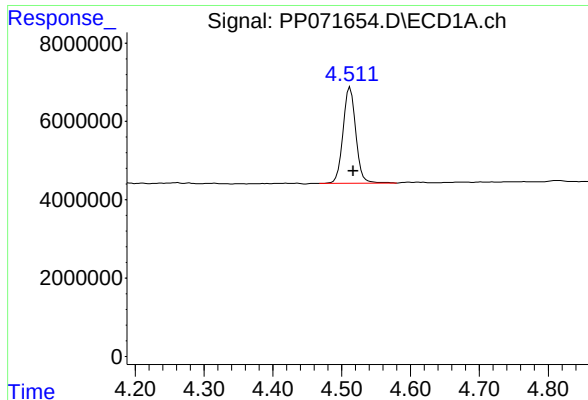
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP043025\  
Data File : PP071654.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Apr 2025 17:16  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 01 01:01:00 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Apr 23 05:02:06 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

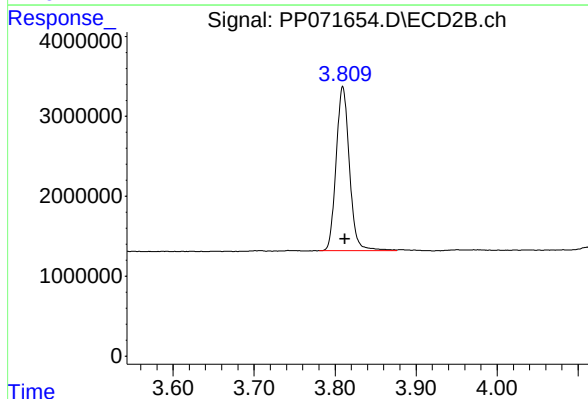




## #1 Tetrachloro-m-xylene

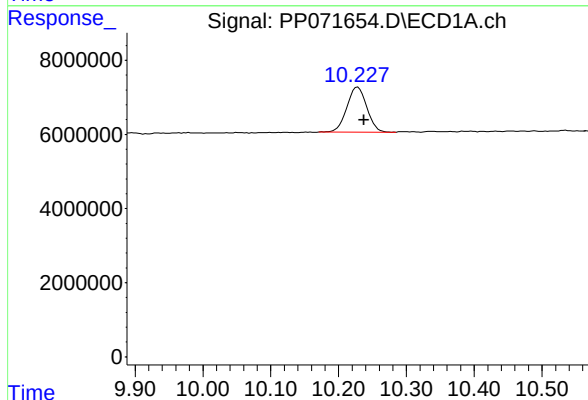
R.T.: 4.512 min  
Delta R.T.: -0.005 min  
Response: 31624449  
Conc: 15.95 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



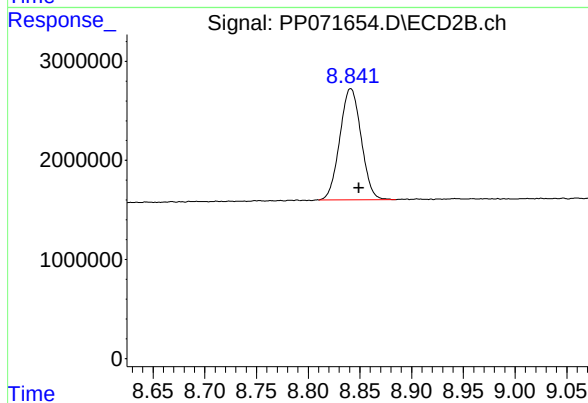
## #1 Tetrachloro-m-xylene

R.T.: 3.810 min  
Delta R.T.: -0.003 min  
Response: 23488588  
Conc: 16.67 ng/ml



## #2 Decachlorobiphenyl

R.T.: 10.228 min  
Delta R.T.: -0.009 min  
Response: 24720611  
Conc: 17.07 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.841 min  
Delta R.T.: -0.008 min  
Response: 16101382  
Conc: 18.36 ng/ml

## Report of Analysis

|                    |                              |                    |                    |
|--------------------|------------------------------|--------------------|--------------------|
| Client:            | Portal Partners Tri-Venture  | Date Collected:    |                    |
| Project:           | Amtrak Sawtooth Bridges 2025 | Date Received:     |                    |
| Client Sample ID:  | PB167776BS                   | SDG No.:           | Q1901              |
| Lab Sample ID:     | PB167776BS                   | Matrix:            | SOIL               |
| Analytical Method: | SW8082A                      | % Solid:           | 100      Decanted: |
| Sample Wt/Vol:     | 30.03      Units:    g       | Final Vol:         | 10000      uL      |
| Soil Aliquot Vol:  | uL                           | Test:              | PCB                |
| Extraction Type:   |                              | Injection Volume : |                    |
| GPC Factor :       | 1.0      PH :                |                    |                    |
| Prep Method :      | SW3541B                      |                    |                    |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PP071608.D        | 1         | 04/29/25 08:35 | 04/29/25 13:46 | PB167776      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|---------------------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |                     |            |                   |
| 12674-11-2        | Aroclor-1016         | 156   |           | 3.90                | 17.0       | ug/kg             |
| 11104-28-2        | Aroclor-1221         | 4.00  | U         | 4.00                | 17.0       | ug/kg             |
| 11141-16-5        | Aroclor-1232         | 3.70  | U         | 3.70                | 17.0       | ug/kg             |
| 53469-21-9        | Aroclor-1242         | 4.00  | U         | 4.00                | 17.0       | ug/kg             |
| 12672-29-6        | Aroclor-1248         | 5.90  | U         | 5.90                | 17.0       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 3.20  | U         | 3.20                | 17.0       | ug/kg             |
| 37324-23-5        | Aroclor-1262         | 5.00  | U         | 5.00                | 17.0       | ug/kg             |
| 11100-14-4        | Aroclor-1268         | 3.60  | U         | 3.60                | 17.0       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 157   |           | 3.20                | 17.0       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |                     |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 20.7  |           | 30 (32) - 150 (144) | 103%       | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 21.3  |           | 30 (32) - 150 (175) | 106%       | SPK: 20           |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates &gt;25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042925\  
 Data File : PP071608.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Apr 2025 13:46  
 Operator : YP\AJ  
 Sample : PB167776BS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 PB167776BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 30 02:24:30 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Apr 23 05:02:06 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|--------|-------|----------|----------|---------|-----------|
| -----                       |        |       |          |          |         |           |
| System Monitoring Compounds |        |       |          |          |         |           |
| 1) SA Tetrachlo...          | 4.514  | 3.810 | 38630891 | 29149931 | 19.485  | 20.694    |
| 2) SA Decachlor...          | 10.232 | 8.842 | 30328269 | 18681272 | 20.945  | 21.300    |
| Target Compounds            |        |       |          |          |         |           |
| 3) L1 AR-1016-1             | 5.667  | 4.894 | 28845238 | 24773400 | 430.206 | 462.764   |
| 4) L1 AR-1016-2             | 5.689  | 4.912 | 45302522 | 36142238 | 441.423 | 473.291   |
| 5) L1 AR-1016-3             | 5.752  | 5.090 | 26549957 | 20012383 | 430.676 | 474.110   |
| 6) L1 AR-1016-4             | 5.849  | 5.131 | 22599382 | 16141723 | 440.550 | 468.067   |
| 7) L1 AR-1016-5             | 6.141  | 5.345 | 20419433 | 20511525 | 423.303 | 461.480   |
| 31) L7 AR-1260-1            | 7.260  | 6.380 | 43208600 | 35825558 | 449.974 | 495.518   |
| 32) L7 AR-1260-2            | 7.513  | 6.569 | 65090459 | 43301678 | 454.932 | 495.095   |
| 33) L7 AR-1260-3            | 7.872  | 6.721 | 44718458 | 39170399 | 398.901 | 499.702 # |
| 34) L7 AR-1260-4            | 8.097  | 7.192 | 47301593 | 27738940 | 419.099 | 439.529   |
| 35) L7 AR-1260-5            | 8.416  | 7.434 | 95335211 | 64379860 | 420.770 | 426.986   |
| -----                       |        |       |          |          |         |           |

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

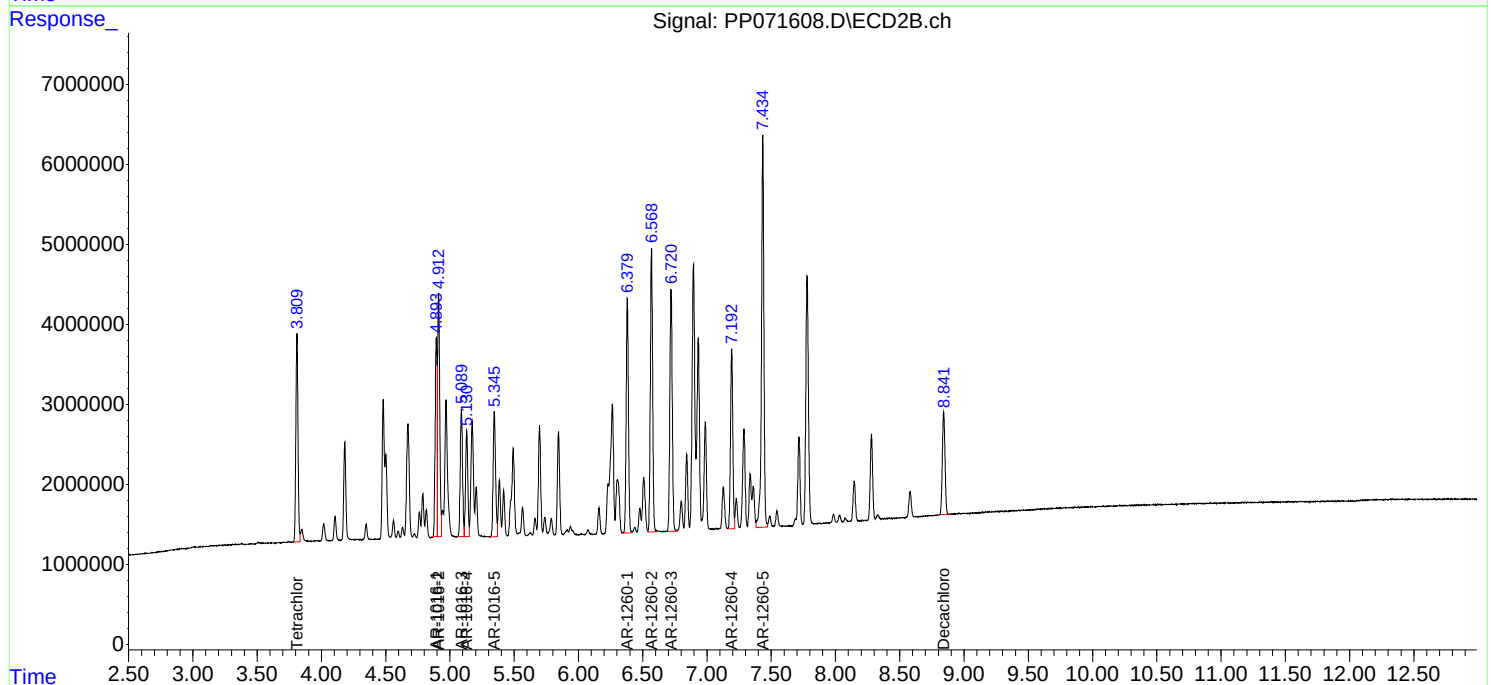
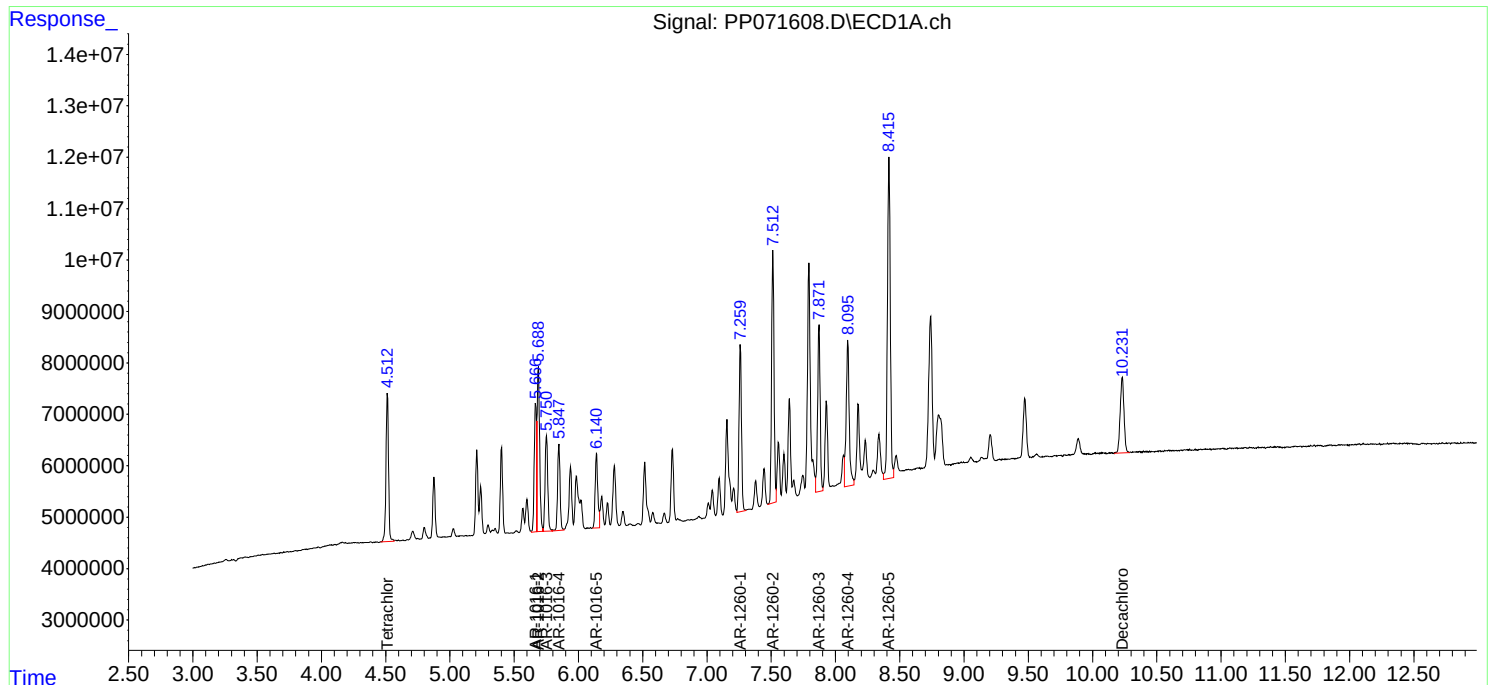


Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042925\  
Data File : PP071608.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Apr 2025 13:46  
Operator : YP\AJ  
Sample : PB167776BS  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
PB167776BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 30 02:24:30 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Apr 23 05:02:06 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



## Report of Analysis

|                    |                              |                    |                  |
|--------------------|------------------------------|--------------------|------------------|
| Client:            | Portal Partners Tri-Venture  | Date Collected:    |                  |
| Project:           | Amtrak Sawtooth Bridges 2025 | Date Received:     |                  |
| Client Sample ID:  | PB167782BS                   | SDG No.:           | Q1901            |
| Lab Sample ID:     | PB167782BS                   | Matrix:            | WATER            |
| Analytical Method: | SW8082A                      | % Solid:           | 0      Decanted: |
| Sample Wt/Vol:     | 1000      Units:    mL       | Final Vol:         | 10000      uL    |
| Soil Aliquot Vol:  | uL                           | Test:              | PCB              |
| Extraction Type:   |                              | Injection Volume : |                  |
| GPC Factor :       | 1.0      PH :                |                    |                  |
| Prep Method :      | 3510C                        |                    |                  |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PP071625.D        | 1         | 04/29/25 08:55 | 04/29/25 19:45 | PB167782      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|---------------------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |                     |            |         |
| 12674-11-2        | Aroclor-1016         | 4.20  |           | 0.097               | 0.50       | ug/L    |
| 11104-28-2        | Aroclor-1221         | 0.13  | U         | 0.13                | 0.50       | ug/L    |
| 11141-16-5        | Aroclor-1232         | 0.096 | U         | 0.096               | 0.50       | ug/L    |
| 53469-21-9        | Aroclor-1242         | 0.12  | U         | 0.12                | 0.50       | ug/L    |
| 12672-29-6        | Aroclor-1248         | 0.071 | U         | 0.071               | 0.50       | ug/L    |
| 11097-69-1        | Aroclor-1254         | 0.094 | U         | 0.094               | 0.50       | ug/L    |
| 37324-23-5        | Aroclor-1262         | 0.14  | U         | 0.14                | 0.50       | ug/L    |
| 11100-14-4        | Aroclor-1268         | 0.11  | U         | 0.11                | 0.50       | ug/L    |
| 11096-82-5        | Aroclor-1260         | 4.60  |           | 0.081               | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |                     |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 18.7  |           | 30 (16) - 150 (158) | 93%        | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 20.6  |           | 30 (10) - 150 (173) | 103%       | SPK: 20 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates &gt;25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042925\  
 Data File : PP071625.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Apr 2025 19:45  
 Operator : YP\AJ  
 Sample : PB167782BS  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 PB167782BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 30 02:29:11 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Apr 23 05:02:06 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.513  | 3.810 | 37063553 | 26041740 | 18.694  | 18.487  |
| 2) SA Decachlor...          | 10.231 | 8.843 | 28679030 | 18026429 | 19.806  | 20.553  |
| Target Compounds            |        |       |          |          |         |         |
| 3) L1 AR-1016-1             | 5.666  | 4.895 | 28275588 | 21964075 | 421.710 | 410.286 |
| 4) L1 AR-1016-2             | 5.688  | 4.913 | 43704635 | 31892392 | 425.854 | 417.638 |
| 5) L1 AR-1016-3             | 5.750  | 5.090 | 25826586 | 17806090 | 418.942 | 421.841 |
| 6) L1 AR-1016-4             | 5.847  | 5.132 | 21668046 | 14475285 | 422.394 | 419.745 |
| 7) L1 AR-1016-5             | 6.141  | 5.346 | 19753788 | 18996838 | 409.504 | 427.402 |
| 31) L7 AR-1260-1            | 7.259  | 6.380 | 41560776 | 34472705 | 432.814 | 476.806 |
| 32) L7 AR-1260-2            | 7.512  | 6.569 | 62820376 | 41818431 | 439.066 | 478.136 |
| 33) L7 AR-1260-3            | 7.872  | 6.721 | 43485353 | 37872032 | 387.902 | 483.138 |
| 34) L7 AR-1260-4            | 8.096  | 7.193 | 45888123 | 27163785 | 406.576 | 430.415 |
| 35) L7 AR-1260-5            | 8.416  | 7.434 | 90779182 | 63782407 | 400.662 | 423.024 |
| -----                       |        |       |          |          |         |         |

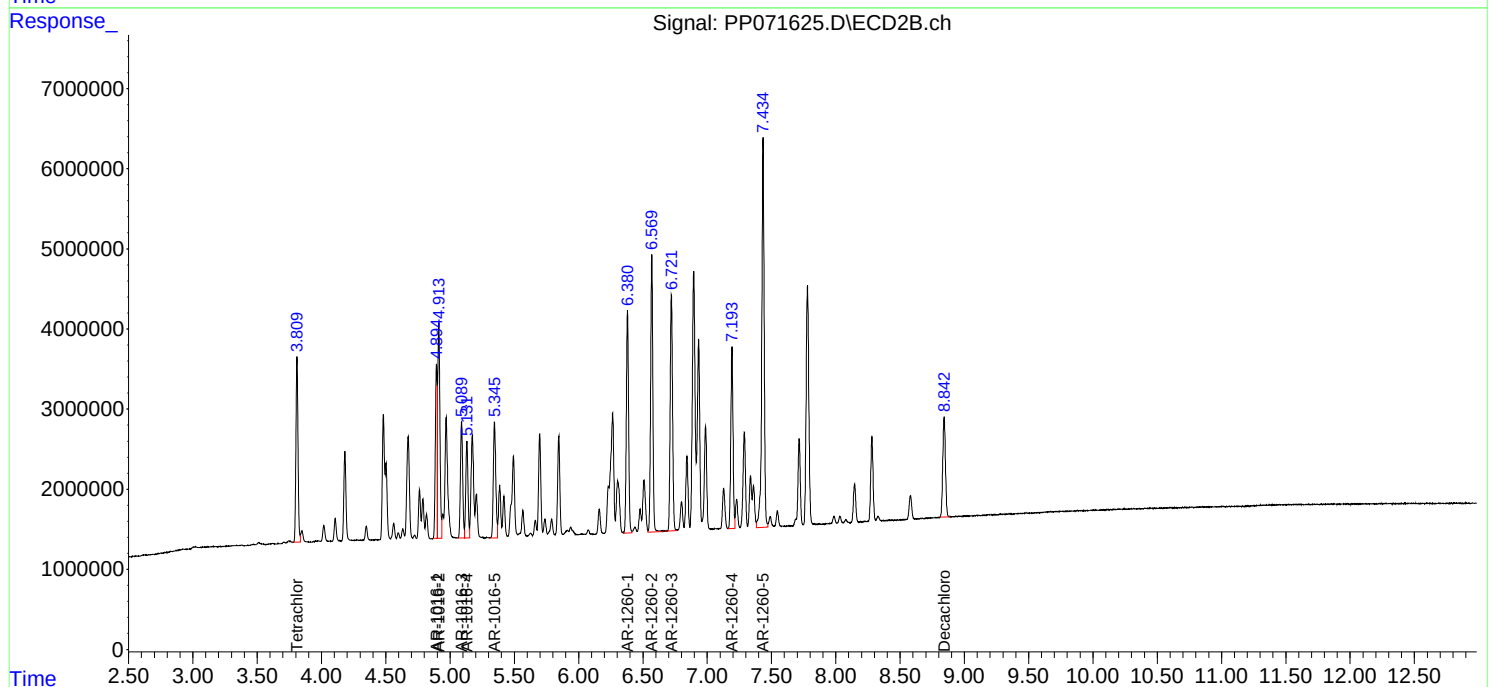
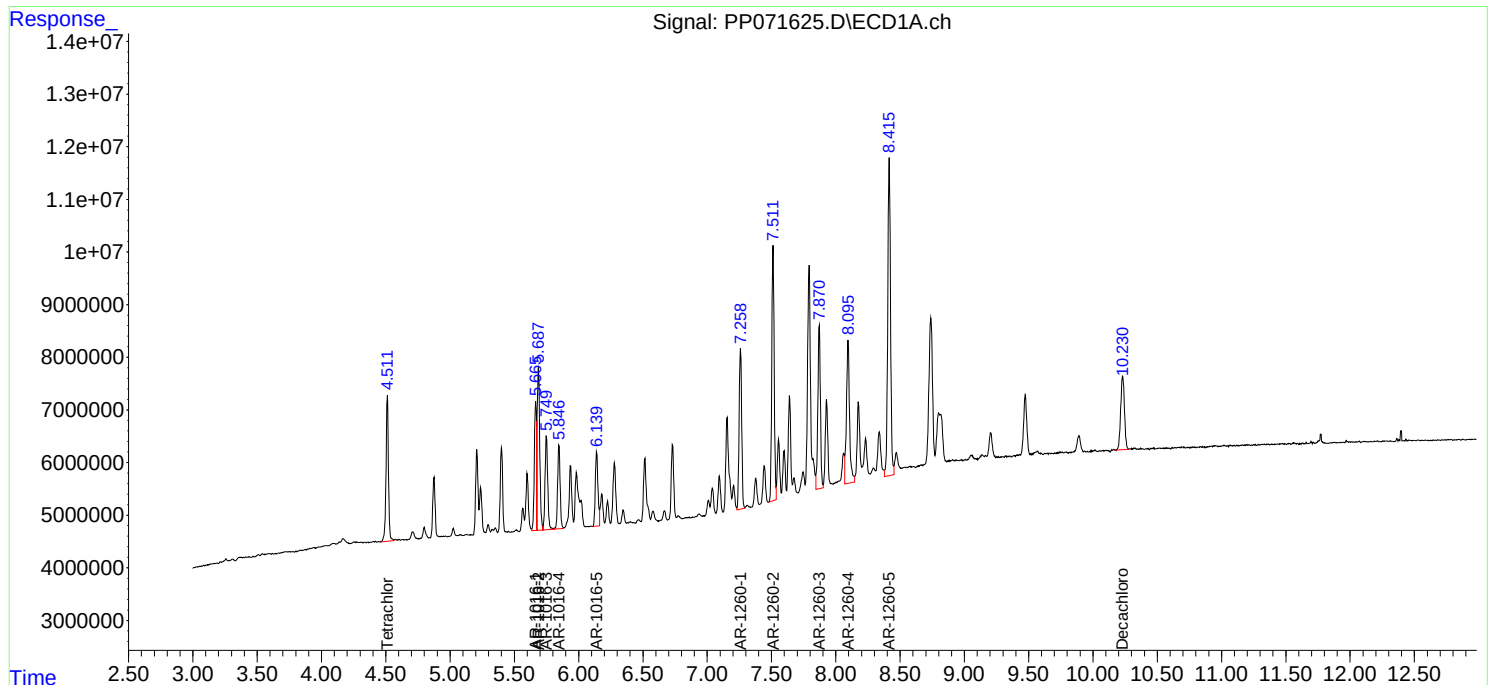
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042925\  
Data File : PP071625.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Apr 2025 19:45  
Operator : YP\AJ  
Sample : PB167782BS  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
PB167782BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 30 02:29:11 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Apr 23 05:02:06 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



## Report of Analysis

|                    |                              |                    |                    |
|--------------------|------------------------------|--------------------|--------------------|
| Client:            | Portal Partners Tri-Venture  | Date Collected:    |                    |
| Project:           | Amtrak Sawtooth Bridges 2025 | Date Received:     |                    |
| Client Sample ID:  | PB167794BS                   | SDG No.:           | Q1901              |
| Lab Sample ID:     | PB167794BS                   | Matrix:            | SOIL               |
| Analytical Method: | SW8082A                      | % Solid:           | 100      Decanted: |
| Sample Wt/Vol:     | 30.03      Units:    g       | Final Vol:         | 10000      uL      |
| Soil Aliquot Vol:  | uL                           | Test:              | PCB                |
| Extraction Type:   |                              | Injection Volume : |                    |
| GPC Factor :       | 1.0      PH :                |                    |                    |
| Prep Method :      | SW3541B                      |                    |                    |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PP071642.D        | 1         | 04/30/25 08:35 | 04/30/25 12:56 | PB167794      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|---------------------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |                     |            |                   |
| 12674-11-2        | Aroclor-1016         | 150   |           | 3.90                | 17.0       | ug/kg             |
| 11104-28-2        | Aroclor-1221         | 4.00  | U         | 4.00                | 17.0       | ug/kg             |
| 11141-16-5        | Aroclor-1232         | 3.70  | U         | 3.70                | 17.0       | ug/kg             |
| 53469-21-9        | Aroclor-1242         | 4.00  | U         | 4.00                | 17.0       | ug/kg             |
| 12672-29-6        | Aroclor-1248         | 5.90  | U         | 5.90                | 17.0       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 3.20  | U         | 3.20                | 17.0       | ug/kg             |
| 37324-23-5        | Aroclor-1262         | 5.00  | U         | 5.00                | 17.0       | ug/kg             |
| 11100-14-4        | Aroclor-1268         | 3.60  | U         | 3.60                | 17.0       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 153   |           | 3.20                | 17.0       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |                     |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 19.5  |           | 30 (32) - 150 (144) | 98%        | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 20.8  |           | 30 (32) - 150 (175) | 104%       | SPK: 20           |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates &gt;25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP043025\  
 Data File : PP071642.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Apr 2025 12:56  
 Operator : YP\AJ  
 Sample : PB167794BS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 PB167794BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 30 13:26:30 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Apr 23 05:02:06 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.511  | 3.808 | 38663693 | 26159841 | 19.501  | 18.571  |
| 2) SA Decachlor...          | 10.227 | 8.839 | 29354819 | 18280958 | 20.273  | 20.844  |
| Target Compounds            |        |       |          |          |         |         |
| 3) L1 AR-1016-1             | 5.665  | 4.892 | 29936757 | 23625423 | 446.485 | 441.320 |
| 4) L1 AR-1016-2             | 5.687  | 4.911 | 45947975 | 34255318 | 447.712 | 448.581 |
| 5) L1 AR-1016-3             | 5.749  | 5.088 | 27663631 | 19370688 | 448.742 | 458.908 |
| 6) L1 AR-1016-4             | 5.846  | 5.129 | 23104123 | 15788064 | 450.389 | 457.812 |
| 7) L1 AR-1016-5             | 6.139  | 5.344 | 20717335 | 19976979 | 429.478 | 449.453 |
| 31) L7 AR-1260-1            | 7.258  | 6.378 | 43684070 | 34991537 | 454.926 | 483.982 |
| 32) L7 AR-1260-2            | 7.512  | 6.567 | 66188315 | 42018508 | 462.605 | 480.423 |
| 33) L7 AR-1260-3            | 7.870  | 6.719 | 45117225 | 37706189 | 402.458 | 481.023 |
| 34) L7 AR-1260-4            | 8.095  | 7.191 | 47594086 | 27091127 | 421.691 | 429.264 |
| 35) L7 AR-1260-5            | 8.415  | 7.432 | 96264702 | 63552671 | 424.872 | 421.500 |
| -----                       |        |       |          |          |         |         |

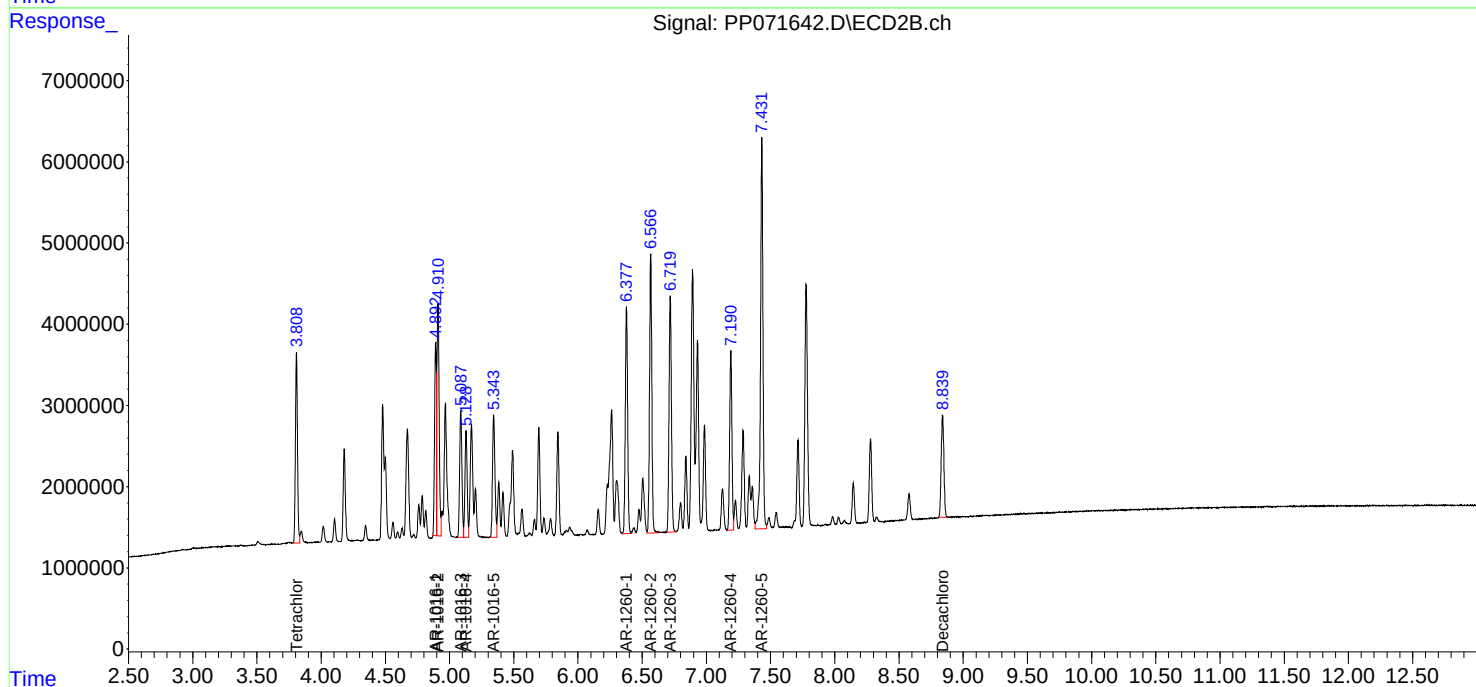
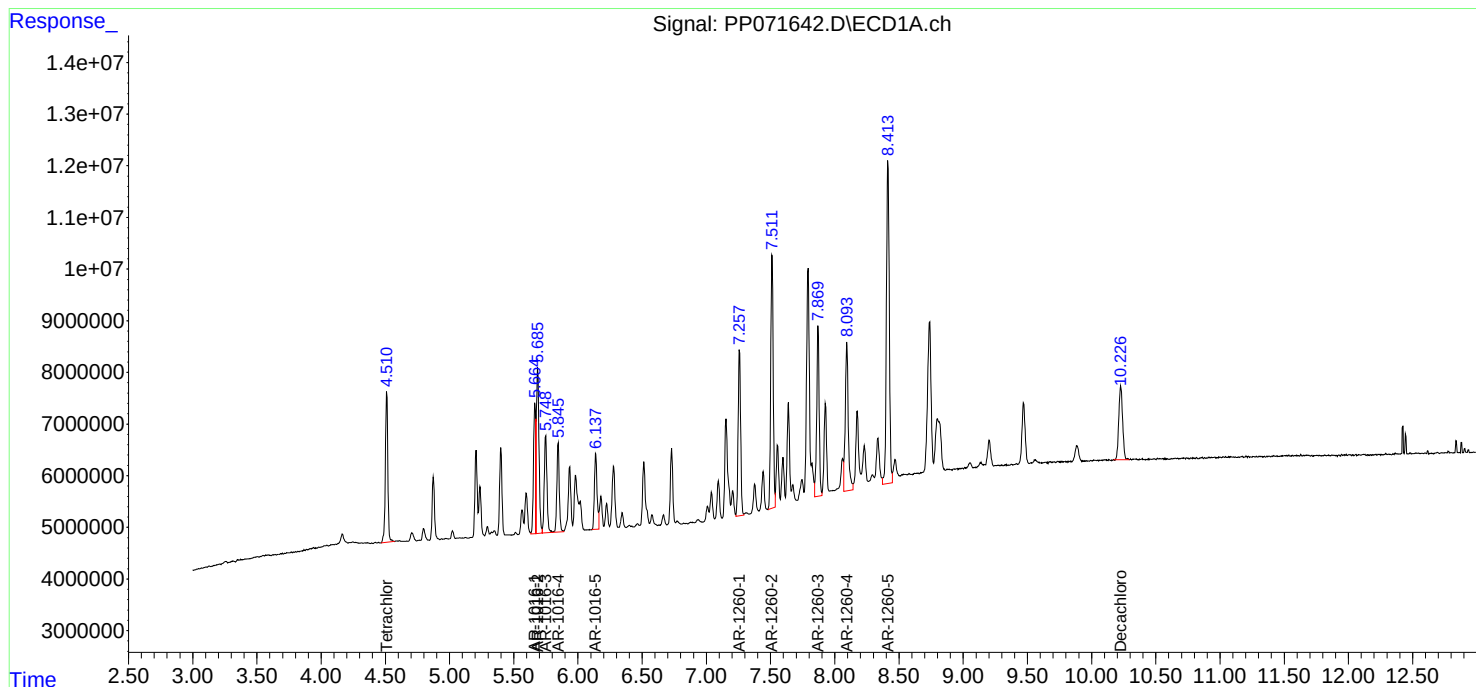
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP043025\  
Data File : PP071642.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Apr 2025 12:56  
Operator : YP\AJ  
Sample : PB167794BS  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
PB167794BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 30 13:26:30 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Apr 23 05:02:06 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



## Report of Analysis

|                    |                              |           |                    |       |           |
|--------------------|------------------------------|-----------|--------------------|-------|-----------|
| Client:            | Portal Partners Tri-Venture  |           | Date Collected:    |       |           |
| Project:           | Amtrak Sawtooth Bridges 2025 |           | Date Received:     |       |           |
| Client Sample ID:  | PB167782BSD                  |           | SDG No.:           | Q1901 |           |
| Lab Sample ID:     | PB167782BSD                  |           | Matrix:            | WATER |           |
| Analytical Method: | SW8082A                      |           | % Solid:           | 0     | Decanted: |
| Sample Wt/Vol:     | 1000                         | Units: mL | Final Vol:         | 10000 | uL        |
| Soil Aliquot Vol:  |                              | uL        | Test:              | PCB   |           |
| Extraction Type:   |                              |           | Injection Volume : |       |           |
| GPC Factor :       | 1.0                          | PH :      |                    |       |           |
| Prep Method :      | 3510C                        |           |                    |       |           |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PP071626.D        | 1         | 04/29/25 08:55 | 04/29/25 20:01 | PB167782      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|---------------------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |                     |            |         |
| 12674-11-2        | Aroclor-1016         | 4.40  |           | 0.097               | 0.50       | ug/L    |
| 11104-28-2        | Aroclor-1221         | 0.13  | U         | 0.13                | 0.50       | ug/L    |
| 11141-16-5        | Aroclor-1232         | 0.096 | U         | 0.096               | 0.50       | ug/L    |
| 53469-21-9        | Aroclor-1242         | 0.12  | U         | 0.12                | 0.50       | ug/L    |
| 12672-29-6        | Aroclor-1248         | 0.071 | U         | 0.071               | 0.50       | ug/L    |
| 11097-69-1        | Aroclor-1254         | 0.094 | U         | 0.094               | 0.50       | ug/L    |
| 37324-23-5        | Aroclor-1262         | 0.14  | U         | 0.14                | 0.50       | ug/L    |
| 11100-14-4        | Aroclor-1268         | 0.11  | U         | 0.11                | 0.50       | ug/L    |
| 11096-82-5        | Aroclor-1260         | 4.20  |           | 0.081               | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |                     |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 19.1  |           | 30 (16) - 150 (158) | 95%        | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 21.3  |           | 30 (10) - 150 (173) | 107%       | SPK: 20 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042925\  
 Data File : PP071626.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Apr 2025 20:01  
 Operator : YP\AJ  
 Sample : PB167782BSD  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 PB167782BSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 30 02:29:27 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Apr 23 05:02:06 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.515  | 3.811 | 37524647 | 26867812 | 18.927  | 19.074  |
| 2) SA Decachlor...          | 10.235 | 8.844 | 28849159 | 18705141 | 19.923  | 21.327  |
| Target Compounds            |        |       |          |          |         |         |
| 3) L1 AR-1016-1             | 5.668  | 4.896 | 29045249 | 23618975 | 433.189 | 441.199 |
| 4) L1 AR-1016-2             | 5.690  | 4.914 | 44449444 | 33598519 | 433.111 | 439.980 |
| 5) L1 AR-1016-3             | 5.752  | 5.091 | 26431042 | 18849032 | 428.748 | 446.549 |
| 6) L1 AR-1016-4             | 5.849  | 5.133 | 22177707 | 15223932 | 432.330 | 441.453 |
| 7) L1 AR-1016-5             | 6.142  | 5.347 | 20022248 | 19122655 | 415.069 | 430.232 |
| 31) L7 AR-1260-1            | 7.262  | 6.381 | 42243953 | 31692122 | 439.928 | 438.347 |
| 32) L7 AR-1260-2            | 7.516  | 6.570 | 63706653 | 38050343 | 445.260 | 435.053 |
| 33) L7 AR-1260-3            | 7.874  | 6.723 | 44243288 | 34687292 | 394.663 | 442.510 |
| 34) L7 AR-1260-4            | 8.098  | 7.194 | 47141172 | 25052863 | 417.678 | 396.968 |
| 35) L7 AR-1260-5            | 8.419  | 7.436 | 92926896 | 59198527 | 410.141 | 392.622 |
| -----                       |        |       |          |          |         |         |

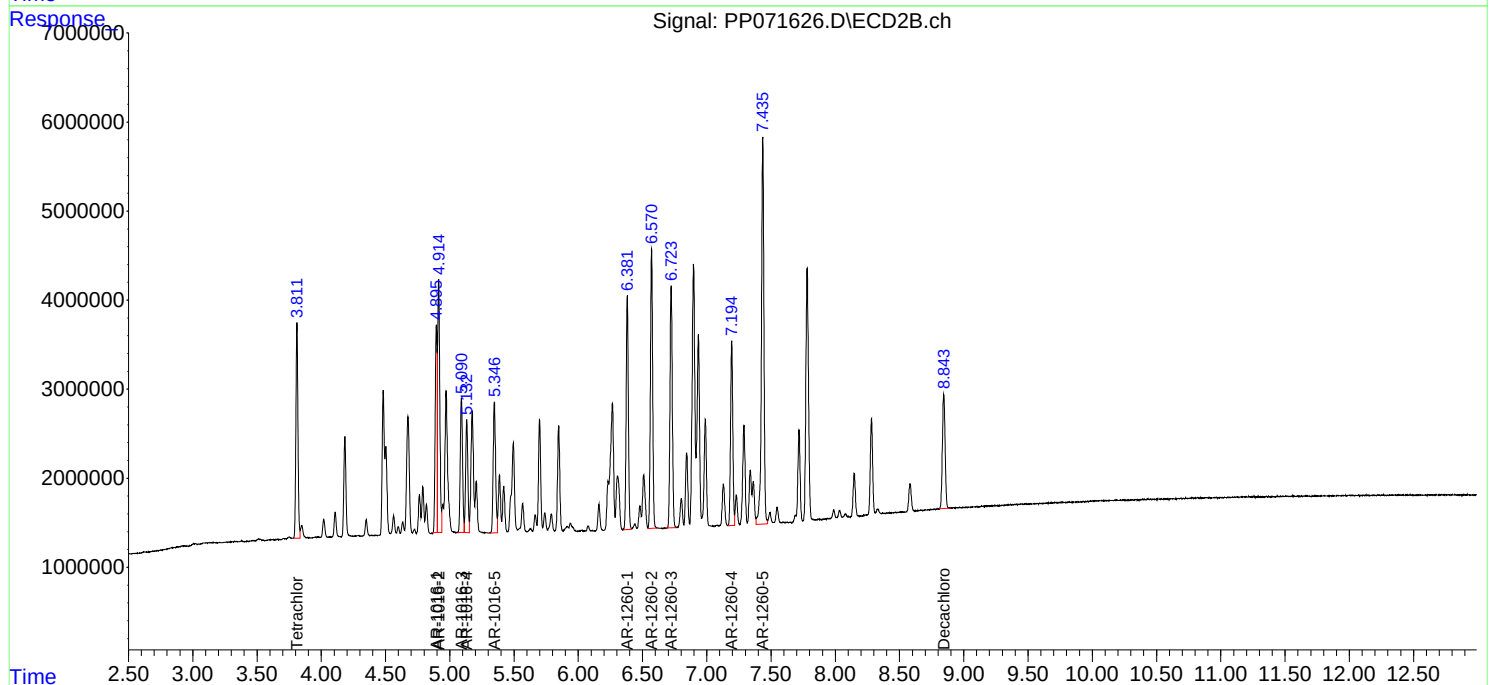
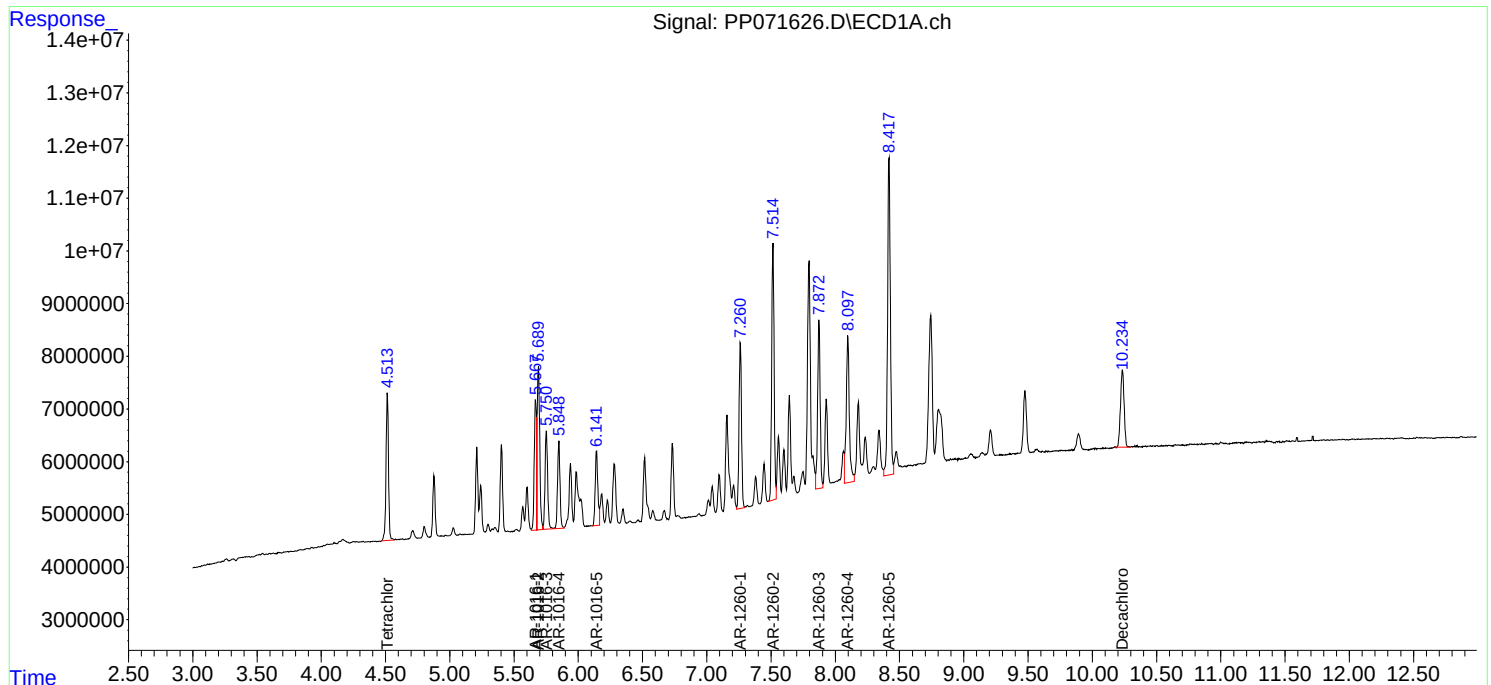
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP042925\  
Data File : PP071626.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Apr 2025 20:01  
Operator : YP\AJ  
Sample : PB167782BSD  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
PB167782BSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 30 02:29:27 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Apr 23 05:02:06 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



## Report of Analysis

|                    |                              |                    |          |
|--------------------|------------------------------|--------------------|----------|
| Client:            | Portal Partners Tri-Venture  | Date Collected:    | 04/28/25 |
| Project:           | Amtrak Sawtooth Bridges 2025 | Date Received:     | 04/28/25 |
| Client Sample ID:  | VNJ-210MS                    | SDG No.:           | Q1901    |
| Lab Sample ID:     | Q1904-01MS                   | Matrix:            | SOIL     |
| Analytical Method: | SW8082A                      | % Solid:           | 90.6     |
| Sample Wt/Vol:     | 30.03                        | Units:             | g        |
| Soil Aliquot Vol:  |                              |                    | uL       |
| Extraction Type:   |                              | Test:              | PCB      |
| GPC Factor :       | 1.0                          | PH :               |          |
| Prep Method :      | SW3541B                      | Injection Volume : |          |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PO110867.D        | 1         | 04/29/25 08:35 | 04/29/25 18:05 | PB167776      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|---------------------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |                     |            |                   |
| 12674-11-2        | Aroclor-1016         | 201   |           | 4.40                | 18.7       | ug/kg             |
| 11104-28-2        | Aroclor-1221         | 4.40  | U         | 4.40                | 18.7       | ug/kg             |
| 11141-16-5        | Aroclor-1232         | 4.10  | U         | 4.10                | 18.7       | ug/kg             |
| 53469-21-9        | Aroclor-1242         | 4.40  | U         | 4.40                | 18.7       | ug/kg             |
| 12672-29-6        | Aroclor-1248         | 6.50  | U         | 6.50                | 18.7       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 3.50  | U         | 3.50                | 18.7       | ug/kg             |
| 37324-23-5        | Aroclor-1262         | 5.50  | U         | 5.50                | 18.7       | ug/kg             |
| 11100-14-4        | Aroclor-1268         | 4.00  | U         | 4.00                | 18.7       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 187   |           | 3.60                | 18.7       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |                     |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 23.3  |           | 30 (32) - 150 (144) | 117%       | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 19.1  |           | 30 (32) - 150 (175) | 96%        | SPK: 20           |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates &gt;25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0042925\  
 Data File : PO110867.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Apr 2025 18:05  
 Operator : YP/AJ  
 Sample : Q1904-01MS  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 VNJ-210MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 30 02:27:51 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0041025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Apr 11 02:12:41 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|---------|----------|---------|---------|
| -----                       |       |       |         |          |         |         |
| System Monitoring Compounds |       |       |         |          |         |         |
| 1) SA Tetrachlo...          | 3.684 | 3.683 | 204.2E6 | 106.3E6  | 23.341  | 21.299  |
| 2) SA Decachlor...          | 8.727 | 8.679 | 151.0E6 | 36669320 | 19.125  | 19.049  |
| Target Compounds            |       |       |         |          |         |         |
| 3) L1 AR-1016-1             | 4.774 | 4.762 | 183.5E6 | 96163946 | 559.100 | 547.913 |
| 4) L1 AR-1016-2             | 4.793 | 4.781 | 255.0E6 | 133.4E6  | 560.529 | 530.644 |
| 5) L1 AR-1016-3             | 4.850 | 4.956 | 176.2E6 | 68308260 | 546.419 | 503.337 |
| 6) L1 AR-1016-4             | 4.970 | 4.998 | 138.0E6 | 55741649 | 554.014 | 487.389 |
| 7) L1 AR-1016-5             | 5.227 | 5.210 | 136.6E6 | 68733019 | 507.848 | 461.067 |
| 31) L7 AR-1260-1            | 6.267 | 6.242 | 278.3E6 | 134.2E6  | 588.981 | 545.668 |
| 32) L7 AR-1260-2            | 6.456 | 6.429 | 310.5E6 | 139.5E6  | 529.510 | 478.151 |
| 33) L7 AR-1260-3            | 6.823 | 6.582 | 222.9E6 | 133.7E6  | 452.229 | 493.665 |
| 34) L7 AR-1260-4            | 7.083 | 7.053 | 210.0E6 | 90238636 | 494.672 | 449.754 |
| 35) L7 AR-1260-5            | 7.326 | 7.295 | 492.3E6 | 201.4E6  | 471.761 | 438.978 |
| -----                       |       |       |         |          |         |         |

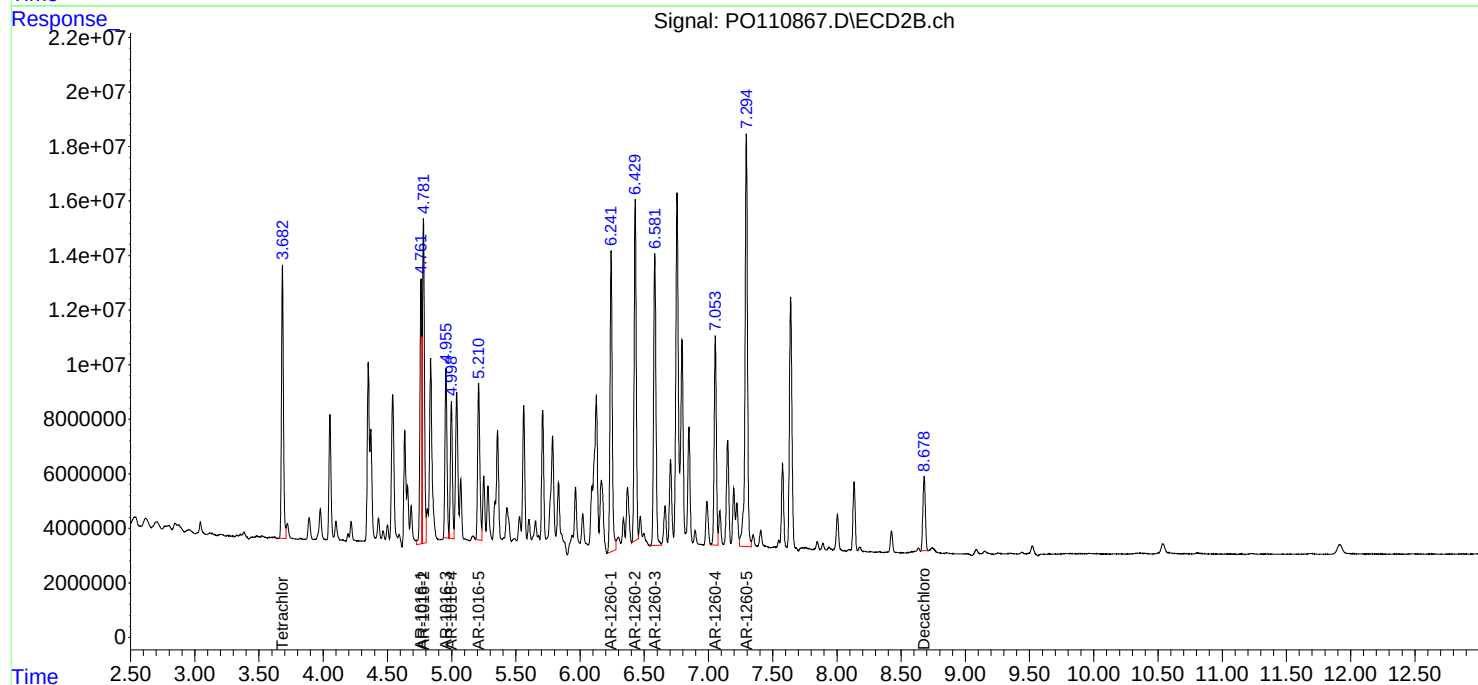
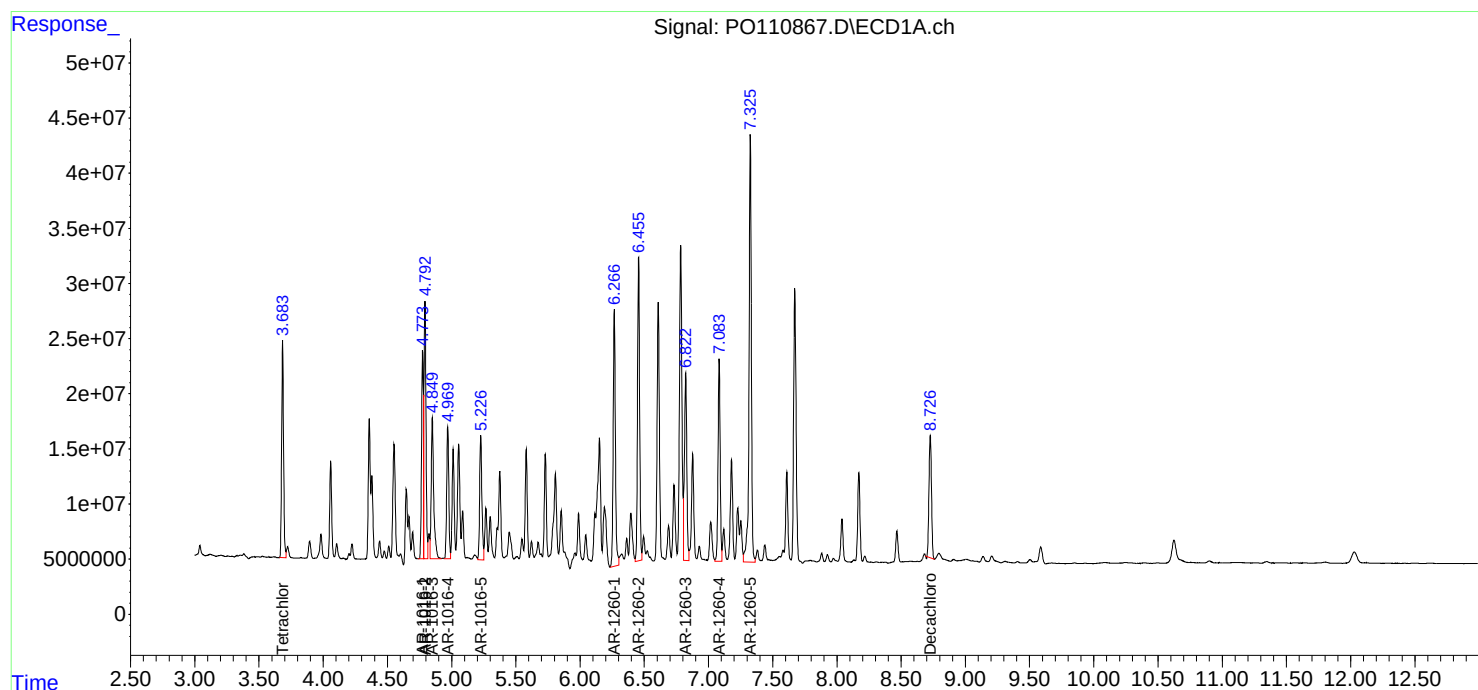
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO042925\  
Data File : PO110867.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Apr 2025 18:05  
Operator : YP/AJ  
Sample : Q1904-01MS  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
VNJ-210MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 30 02:27:51 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO041025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Apr 11 02:12:41 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



## Report of Analysis

|                    |                              |                    |               |
|--------------------|------------------------------|--------------------|---------------|
| Client:            | Portal Partners Tri-Venture  | Date Collected:    | 04/29/25      |
| Project:           | Amtrak Sawtooth Bridges 2025 | Date Received:     | 04/29/25      |
| Client Sample ID:  | MOO-25-0123-27MS             | SDG No.:           | Q1901         |
| Lab Sample ID:     | Q1910-01MS                   | Matrix:            | SOIL          |
| Analytical Method: | SW8082A                      | % Solid:           | 88.9          |
| Sample Wt/Vol:     | 30.02      Units:    g       | Final Vol:         | 10000      uL |
| Soil Aliquot Vol:  | uL                           | Test:              | PCB           |
| Extraction Type:   |                              | Injection Volume : |               |
| GPC Factor :       | 1.0      PH :                |                    |               |
| Prep Method :      | SW3541B                      |                    |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PP071648.D        | 1         | 04/30/25 08:35 | 04/30/25 14:49 | PB167794      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|---------------------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |                     |            |                   |
| 12674-11-2        | Aroclor-1016         | 166   |           | 4.40                | 19.1       | ug/kg             |
| 11104-28-2        | Aroclor-1221         | 4.50  | U         | 4.50                | 19.1       | ug/kg             |
| 11141-16-5        | Aroclor-1232         | 4.20  | U         | 4.20                | 19.1       | ug/kg             |
| 53469-21-9        | Aroclor-1242         | 4.50  | U         | 4.50                | 19.1       | ug/kg             |
| 12672-29-6        | Aroclor-1248         | 6.70  | U         | 6.70                | 19.1       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 3.60  | U         | 3.60                | 19.1       | ug/kg             |
| 37324-23-5        | Aroclor-1262         | 5.60  | U         | 5.60                | 19.1       | ug/kg             |
| 11100-14-4        | Aroclor-1268         | 4.00  | U         | 4.00                | 19.1       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 206   |           | 3.60                | 19.1       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |                     |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 18.4  |           | 30 (32) - 150 (144) | 92%        | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 17.3  |           | 30 (32) - 150 (175) | 86%        | SPK: 20           |

**Comments:**

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates &gt;25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP043025\  
 Data File : PP071648.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Apr 2025 14:49  
 Operator : YP\AJ  
 Sample : Q1910-01MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 MOO-25-0123-27MS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 05/01/2025  
 Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 01 00:59:07 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Apr 23 05:02:06 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml     |
|-----------------------------|--------|-------|----------|----------|----------|-----------|
| -----                       |        |       |          |          |          |           |
| System Monitoring Compounds |        |       |          |          |          |           |
| 1) SA Tetrachlo...          | 4.512  | 3.808 | 36426585 | 25506924 | 18.373   | 18.107    |
| 2) SA Decachlor...          | 10.228 | 8.840 | 24520790 | 15144736 | 16.934   | 17.268    |
| Target Compounds            |        |       |          |          |          |           |
| 3) L1 AR-1016-1             | 5.665  | 4.892 | 27024527 | 22371423 | 403.051  | 417.895   |
| 4) L1 AR-1016-2             | 5.688  | 4.911 | 41543893 | 32463411 | 404.799  | 425.116   |
| 5) L1 AR-1016-3             | 5.749  | 5.087 | 24099500 | 14876873 | 390.927  | 352.446   |
| 6) L1 AR-1016-4             | 5.844  | 5.129 | 33278057 | 12716398 | 648.718  | 368.742 # |
| 7) L1 AR-1016-5             | 6.139  | 5.343 | 17476216 | 19512093 | 362.289  | 438.994m  |
| 31) L7 AR-1260-1            | 7.258  | 6.378 | 46344634 | 33336510 | 482.633  | 461.091   |
| 32) L7 AR-1260-2            | 7.512  | 6.566 | 150.5E6  | 41657794 | 1051.768 | 476.299 # |
| 33) L7 AR-1260-3            | 7.870  | 6.719 | 44564238 | 39965819 | 397.526  | 509.849 # |
| 34) L7 AR-1260-4            | 8.094  | 7.190 | 46762029 | 29596698 | 414.319m | 468.965   |
| 35) L7 AR-1260-5            | 8.414  | 7.432 | 89706136 | 62309363 | 395.926  | 413.254   |
| -----                       |        |       |          |          |          |           |

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP043025\  
Data File : PP071648.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Apr 2025 14:49  
Operator : YP\AJ  
Sample : Q1910-01MS  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

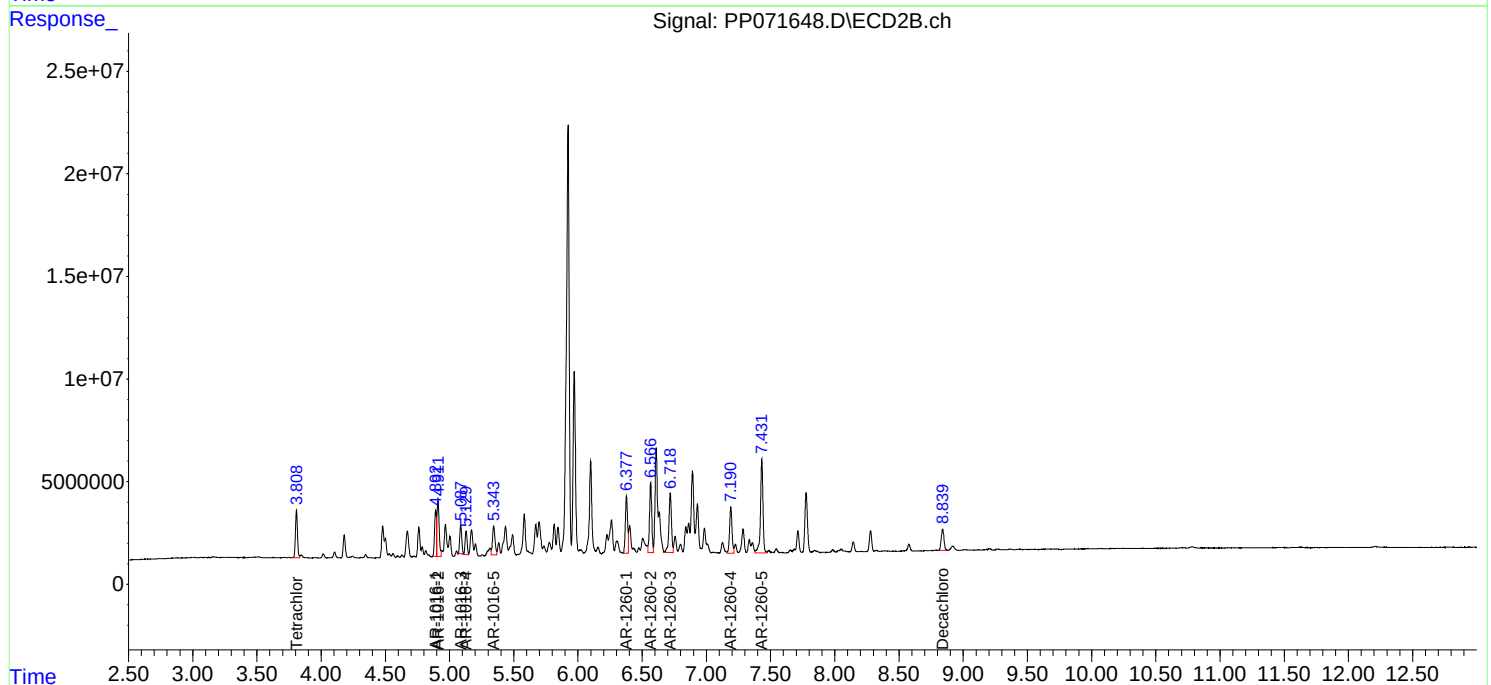
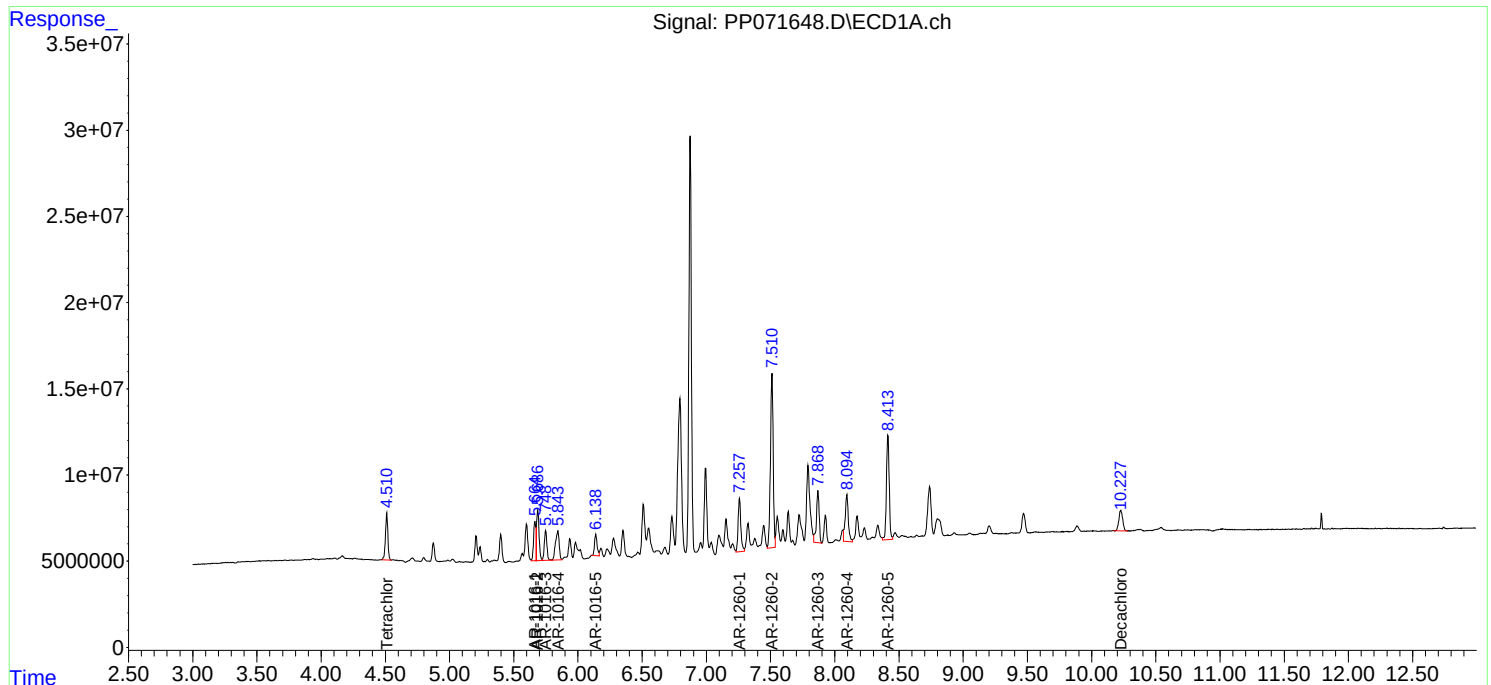
Instrument :  
ECD\_P  
ClientSampleId :  
MOO-25-0123-27MS

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 05/01/2025  
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 01 00:59:07 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Apr 23 05:02:06 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





## Report of Analysis

|                    |                              |                    |          |
|--------------------|------------------------------|--------------------|----------|
| Client:            | Portal Partners Tri-Venture  | Date Collected:    | 04/28/25 |
| Project:           | Amtrak Sawtooth Bridges 2025 | Date Received:     | 04/28/25 |
| Client Sample ID:  | VNJ-210MSD                   | SDG No.:           | Q1901    |
| Lab Sample ID:     | Q1904-01MSD                  | Matrix:            | SOIL     |
| Analytical Method: | SW8082A                      | % Solid:           | 90.6     |
| Sample Wt/Vol:     | 30.05 Units: g               | Final Vol:         | 10000 uL |
| Soil Aliquot Vol:  | uL                           | Test:              | PCB      |
| Extraction Type:   |                              | Injection Volume : |          |
| GPC Factor :       | 1.0                          | PH :               |          |
| Prep Method :      | SW3541B                      |                    |          |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PO110868.D        | 1         | 04/29/25 08:35 | 04/29/25 18:23 | PB167776      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|---------------------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |                     |            |                   |
| 12674-11-2        | Aroclor-1016         | 199   |           | 4.40                | 18.7       | ug/kg             |
| 11104-28-2        | Aroclor-1221         | 4.40  | U         | 4.40                | 18.7       | ug/kg             |
| 11141-16-5        | Aroclor-1232         | 4.10  | U         | 4.10                | 18.7       | ug/kg             |
| 53469-21-9        | Aroclor-1242         | 4.40  | U         | 4.40                | 18.7       | ug/kg             |
| 12672-29-6        | Aroclor-1248         | 6.50  | U         | 6.50                | 18.7       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 3.50  | U         | 3.50                | 18.7       | ug/kg             |
| 37324-23-5        | Aroclor-1262         | 5.50  | U         | 5.50                | 18.7       | ug/kg             |
| 11100-14-4        | Aroclor-1268         | 4.00  | U         | 4.00                | 18.7       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 183   |           | 3.60                | 18.7       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |                     |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 22.9  |           | 30 (32) - 150 (144) | 114%       | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 19.0  |           | 30 (32) - 150 (175) | 95%        | SPK: 20           |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates &gt;25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\P0042925\  
 Data File : PO110868.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Apr 2025 18:23  
 Operator : YP/AJ  
 Sample : Q1904-01MSD  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_O  
 ClientSampleId :  
 VNJ-210MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 30 02:28:07 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\P0041025.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Apr 11 02:12:41 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|---------|----------|---------|---------|
| -----                       |       |       |         |          |         |         |
| System Monitoring Compounds |       |       |         |          |         |         |
| 1) SA Tetrachlo...          | 3.686 | 3.683 | 200.2E6 | 104.0E6  | 22.886  | 20.840  |
| 2) SA Decachlor...          | 8.728 | 8.680 | 150.3E6 | 35959064 | 19.037  | 18.680  |
| Target Compounds            |       |       |         |          |         |         |
| 3) L1 AR-1016-1             | 4.776 | 4.762 | 184.1E6 | 94620800 | 561.108 | 539.121 |
| 4) L1 AR-1016-2             | 4.795 | 4.781 | 251.8E6 | 132.8E6  | 553.451 | 528.016 |
| 5) L1 AR-1016-3             | 4.851 | 4.957 | 177.3E6 | 67698746 | 549.769 | 498.845 |
| 6) L1 AR-1016-4             | 4.971 | 4.999 | 136.9E6 | 54289739 | 549.623 | 474.694 |
| 7) L1 AR-1016-5             | 5.229 | 5.211 | 134.7E6 | 68692744 | 500.886 | 460.797 |
| 31) L7 AR-1260-1            | 6.268 | 6.242 | 275.5E6 | 131.4E6  | 583.148 | 534.408 |
| 32) L7 AR-1260-2            | 6.458 | 6.430 | 306.8E6 | 136.7E6  | 523.155 | 468.637 |
| 33) L7 AR-1260-3            | 6.825 | 6.583 | 219.3E6 | 132.6E6  | 444.894 | 489.564 |
| 34) L7 AR-1260-4            | 7.085 | 7.053 | 204.6E6 | 88744084 | 482.075 | 442.305 |
| 35) L7 AR-1260-5            | 7.327 | 7.294 | 478.9E6 | 196.7E6  | 458.944 | 428.636 |
| -----                       |       |       |         |          |         |         |

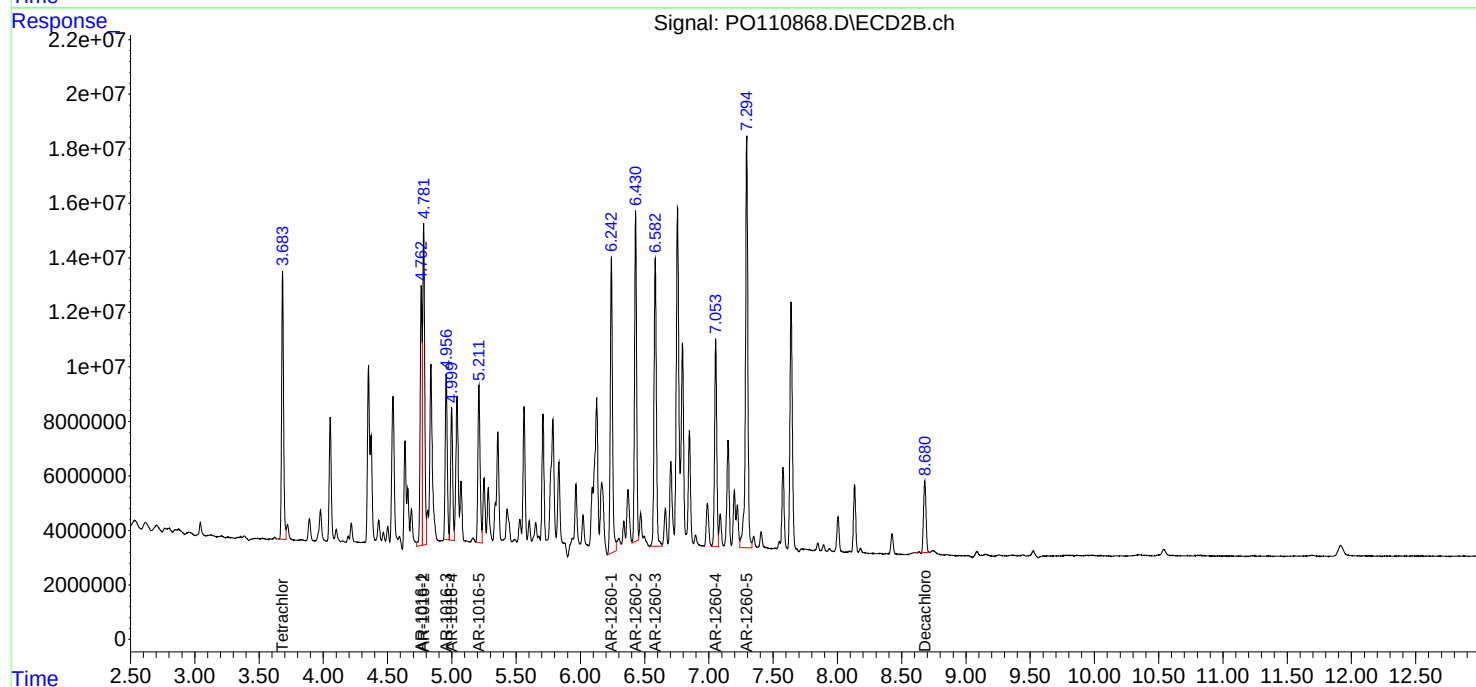
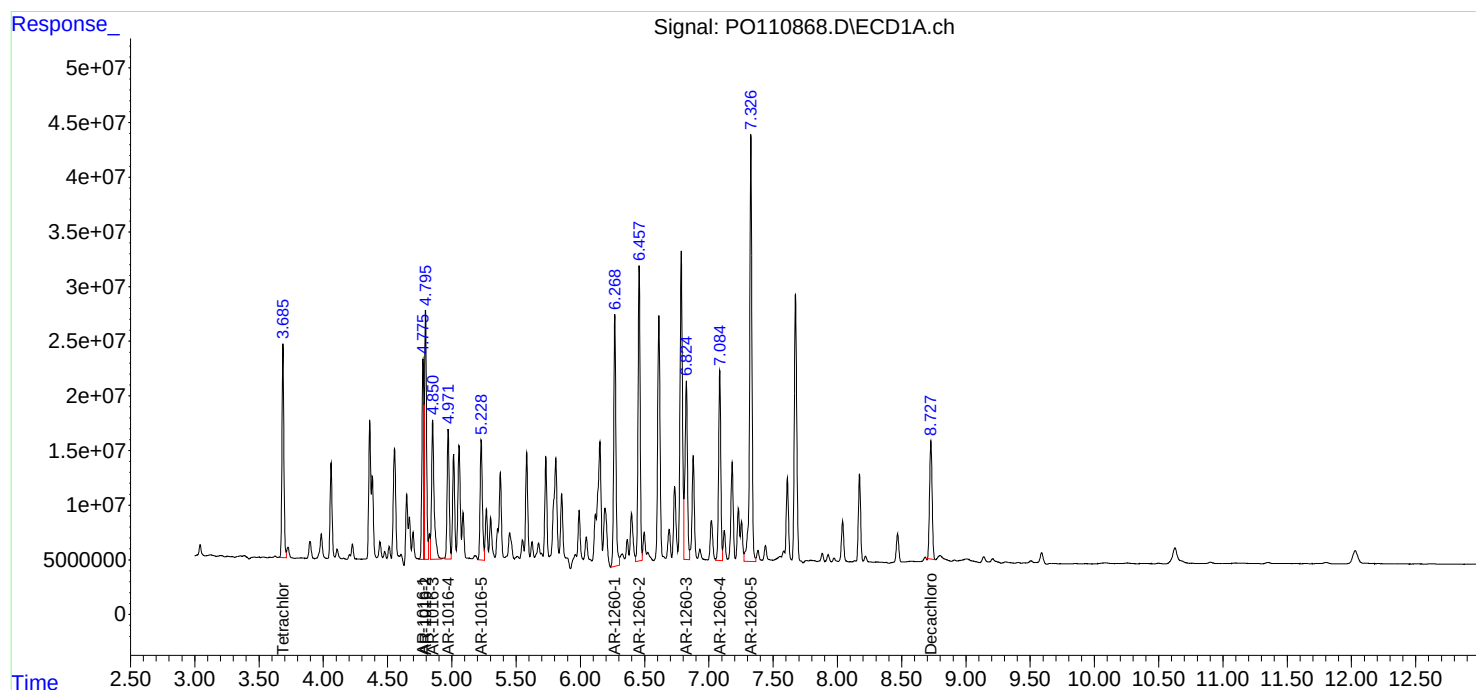
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_O\Data\PO042925\  
Data File : PO110868.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Apr 2025 18:23  
Operator : YP/AJ  
Sample : Q1904-01MSD  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
ECD\_O  
ClientSampleId :  
VNJ-210MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 30 02:28:07 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_O\methods\PO041025.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Fri Apr 11 02:12:41 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



## Report of Analysis

|                    |                              |                    |          |
|--------------------|------------------------------|--------------------|----------|
| Client:            | Portal Partners Tri-Venture  | Date Collected:    | 04/29/25 |
| Project:           | Amtrak Sawtooth Bridges 2025 | Date Received:     | 04/29/25 |
| Client Sample ID:  | MOO-25-0123-27MSD            | SDG No.:           | Q1901    |
| Lab Sample ID:     | Q1910-01MSD                  | Matrix:            | SOIL     |
| Analytical Method: | SW8082A                      | % Solid:           | 88.9     |
| Sample Wt/Vol:     | 30.06                        | Units:             | g        |
| Soil Aliquot Vol:  |                              |                    | uL       |
| Extraction Type:   |                              | Test:              | PCB      |
| GPC Factor :       | 1.0                          | PH :               |          |
| Prep Method :      | SW3541B                      | Injection Volume : |          |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PP071649.D        | 1         | 04/30/25 08:35 | 04/30/25 15:05 | PB167794      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|---------------------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |                     |            |                   |
| 12674-11-2        | Aroclor-1016         | 171   |           | 4.40                | 19.1       | ug/kg             |
| 11104-28-2        | Aroclor-1221         | 4.50  | U         | 4.50                | 19.1       | ug/kg             |
| 11141-16-5        | Aroclor-1232         | 4.20  | U         | 4.20                | 19.1       | ug/kg             |
| 53469-21-9        | Aroclor-1242         | 4.50  | U         | 4.50                | 19.1       | ug/kg             |
| 12672-29-6        | Aroclor-1248         | 6.60  | U         | 6.60                | 19.1       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 3.60  | U         | 3.60                | 19.1       | ug/kg             |
| 37324-23-5        | Aroclor-1262         | 5.60  | U         | 5.60                | 19.1       | ug/kg             |
| 11100-14-4        | Aroclor-1268         | 4.00  | U         | 4.00                | 19.1       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 231   | P         | 3.60                | 19.1       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |                     |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 18.5  |           | 30 (32) - 150 (144) | 93%        | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 19.5  |           | 30 (32) - 150 (175) | 98%        | SPK: 20           |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates &gt;25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP043025\  
 Data File : PP071649.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Apr 2025 15:05  
 Operator : YP\AJ  
 Sample : Q1910-01MSD  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 MOO-25-0123-27MSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 05/01/2025  
 Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 01 00:59:27 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Apr 23 05:02:06 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml     |
|-----------------------------|--------|-------|----------|----------|----------|-----------|
| -----                       |        |       |          |          |          |           |
| System Monitoring Compounds |        |       |          |          |          |           |
| 1) SA Tetrachlo...          | 4.509  | 3.810 | 35544758 | 26085299 | 17.928   | 18.518    |
| 2) SA Decachlor...          | 10.227 | 8.841 | 27687373 | 17101117 | 19.121   | 19.498    |
| Target Compounds            |        |       |          |          |          |           |
| 3) L1 AR-1016-1             | 5.663  | 4.894 | 26053011 | 20512189 | 388.562  | 383.165   |
| 4) L1 AR-1016-2             | 5.685  | 4.912 | 39688236 | 30323173 | 386.718  | 397.089   |
| 5) L1 AR-1016-3             | 5.747  | 5.089 | 22907569 | 13291190 | 371.592  | 314.879   |
| 6) L1 AR-1016-4             | 5.840  | 5.131 | 36872477 | 11964995 | 718.788  | 346.953 # |
| 7) L1 AR-1016-5             | 6.135  | 5.345 | 20050318 | 17505669 | 415.651m | 393.852m  |
| 31) L7 AR-1260-1            | 7.256  | 6.379 | 51501788 | 33007103 | 536.339  | 456.535   |
| 32) L7 AR-1260-2            | 7.510  | 6.568 | 187.4E6  | 41947994 | 1309.506 | 479.617 # |
| 33) L7 AR-1260-3            | 7.868  | 6.721 | 46399695 | 40039468 | 413.898  | 510.788   |
| 34) L7 AR-1260-4            | 8.091  | 7.192 | 46463282 | 31726150 | 411.672m | 502.707   |
| 35) L7 AR-1260-5            | 8.413  | 7.434 | 92551019 | 63951614 | 408.482  | 424.146   |
| -----                       |        |       |          |          |          |           |

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP043025\  
Data File : PP071649.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Apr 2025 15:05  
Operator : YP\AJ  
Sample : Q1910-01MSD  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

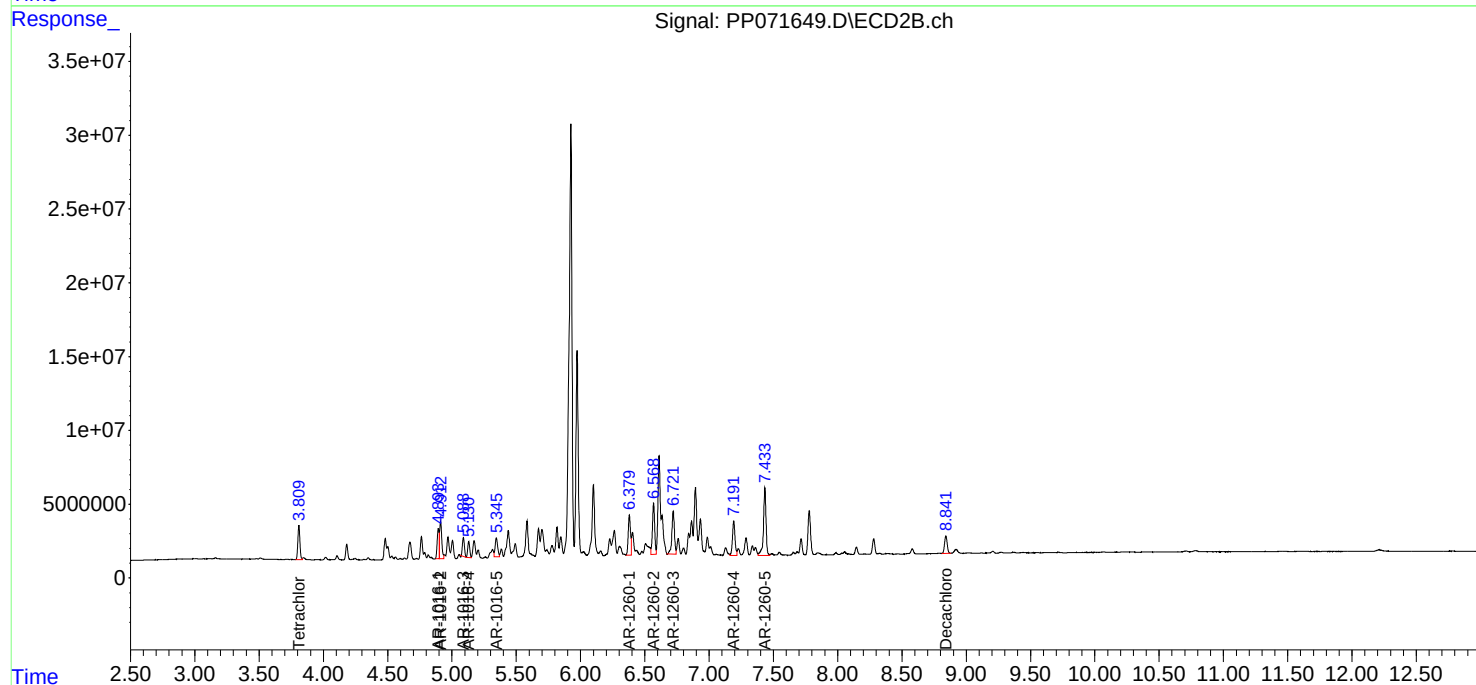
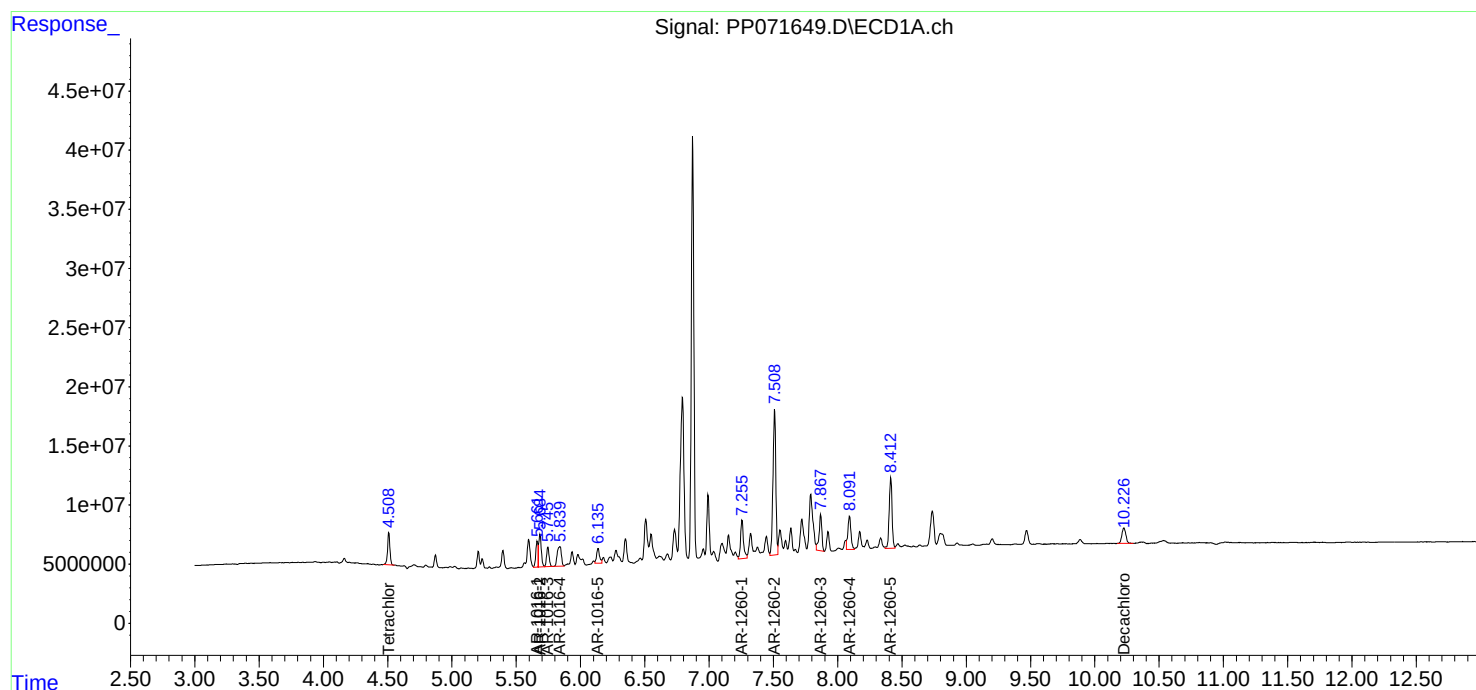
Instrument :  
ECD\_P  
ClientSampleId :  
MOO-25-0123-27MSD

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 05/01/2025  
Supervised By :mohammad ahmed 05/02/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 01 00:59:27 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP042225.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Apr 23 05:02:06 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

## Manual Integration Report

Sequence:

PO041025

Instrument

ECD\_o

Sample ID

File ID

Parameter

Review By

Review On

Supervised  
By

Supervised On

Reason



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

## Manual Integration Report

Sequence:

PO042925

Instrument

ECD\_o

Sample ID

File ID

Parameter

Review By

Review On

Supervised  
By

Supervised On

Reason



## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | PP042225 | Instrument | ECD_p |
|-----------|----------|------------|-------|

| Sample ID     | File ID    | Parameter            | Review By | Review On            | Supervised By | Supervised On     | Reason                      |
|---------------|------------|----------------------|-----------|----------------------|---------------|-------------------|-----------------------------|
| AR1660ICC050  | PP071393.D | AR-1260-3            | yogesh    | 4/23/2025 7:32:38 AM | mohammad      | 4/24/2025 6:33:42 | Peak Integrated by Software |
| AR1660ICC050  | PP071393.D | AR-1260-4            | yogesh    | 4/23/2025 7:32:38 AM | mohammad      | 4/24/2025 6:33:42 | Peak Integrated by Software |
| AR1660ICC050  | PP071393.D | AR-1260-5            | yogesh    | 4/23/2025 7:32:38 AM | mohammad      | 4/24/2025 6:33:42 | Peak Integrated by Software |
| AR1254ICC750  | PP071407.D | AR-1254-5            | yogesh    | 4/23/2025 7:32:40 AM | mohammad      | 4/24/2025 6:33:42 | Peak Integrated by Software |
| AR1254ICC050  | PP071410.D | Tetrachloro-m-xylene | yogesh    | 4/23/2025 7:32:41 AM | mohammad      | 4/24/2025 6:33:42 | Peak Integrated by Software |
| AR1268ICC1000 | PP071412.D | AR-1268-1 #2         | yogesh    | 4/23/2025 7:32:43 AM | mohammad      | 4/24/2025 6:33:42 | Peak Integrated by Software |
| AR1268ICC750  | PP071413.D | AR-1268-1 #2         | yogesh    | 4/23/2025 7:32:44 AM | mohammad      | 4/24/2025 6:33:42 | Peak Integrated by Software |
| AR1268ICC500  | PP071414.D | AR-1268-1 #2         | yogesh    | 4/23/2025 7:32:46 AM | mohammad      | 4/24/2025 6:33:42 | Peak Integrated by Software |
| AR1268ICC250  | PP071415.D | AR-1268-1 #2         | yogesh    | 4/23/2025 7:32:48 AM | mohammad      | 4/24/2025 6:33:42 | Peak Integrated by Software |
| AR1268ICC050  | PP071416.D | AR-1268-1            | yogesh    | 4/23/2025 7:32:50 AM | mohammad      | 4/24/2025 6:33:42 | Peak Integrated by Software |
| AR1268ICC050  | PP071416.D | AR-1268-1 #2         | yogesh    | 4/23/2025 7:32:50 AM | mohammad      | 4/24/2025 6:33:42 | Peak Integrated by Software |
| AR1268ICC050  | PP071416.D | AR-1268-2            | yogesh    | 4/23/2025 7:32:50 AM | mohammad      | 4/24/2025 6:33:42 | Peak Integrated by Software |
| AR1268ICV500  | PP071421.D | AR-1268-1 #2         | yogesh    | 4/23/2025 7:32:52 AM | mohammad      | 4/24/2025 6:33:42 | Peak Integrated by Software |



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

## Manual Integration Report

Sequence:

PP042225

Instrument

ECD\_p

Sample ID

File ID

Parameter

Review By

Review On

Supervised  
By

Supervised On

Reason



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | PP042925 | Instrument | ECD_p |
|-----------|----------|------------|-------|

| Sample ID    | File ID    | Parameter            | Review By | Review On            | Supervised By | Supervised On    | Reason                      |
|--------------|------------|----------------------|-----------|----------------------|---------------|------------------|-----------------------------|
| Q1901-02     | PP071622.D | Tetrachloro-m-xylene | yogesh    | 4/30/2025 8:57:14 AM | mohammad      | 5/2/2025 2:52:54 | Peak Integrated by Software |
| AR1254CCC500 | PP071632.D | AR-1254-5            | yogesh    | 4/30/2025 8:57:17 AM | mohammad      | 5/2/2025 2:53:02 | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | PP043025 | Instrument | ECD_p |
|-----------|----------|------------|-------|

| Sample ID    | File ID    | Parameter             | Review By | Review On           | Supervised By | Supervised On    | Reason                      |
|--------------|------------|-----------------------|-----------|---------------------|---------------|------------------|-----------------------------|
| AR1254CCC500 | PP071638.D | AR-1254-5             | yogesh    | 5/1/2025 7:49:14 AM | mohammad      | 5/2/2025 3:16:35 | Peak Integrated by Software |
| Q1901-03     | PP071643.D | Tetrachloro-m-xylene  | yogesh    | 5/1/2025 8:35:33 AM | mohammad      | 5/2/2025 3:16:05 | Peak Integrated by Software |
| Q1910-01MS   | PP071648.D | AR-1016-5 #2          | yogesh    | 5/1/2025 7:49:25 AM | mohammad      | 5/2/2025 3:15:49 | Peak Integrated by Software |
| Q1910-01MS   | PP071648.D | AR-1260-4             | yogesh    | 5/1/2025 7:49:25 AM | mohammad      | 5/2/2025 3:15:49 | Peak Integrated by Software |
| Q1910-01MSD  | PP071649.D | AR-1016-5             | yogesh    | 5/1/2025 7:49:27 AM | mohammad      | 5/2/2025 3:15:46 | Peak Integrated by Software |
| Q1910-01MSD  | PP071649.D | AR-1016-5 #2          | yogesh    | 5/1/2025 7:49:27 AM | mohammad      | 5/2/2025 3:15:46 | Peak Integrated by Software |
| Q1910-01MSD  | PP071649.D | AR-1260-4             | yogesh    | 5/1/2025 7:49:27 AM | mohammad      | 5/2/2025 3:15:46 | Peak Integrated by Software |
| AR1254CCC500 | PP071653.D | AR-1254-5             | yogesh    | 5/1/2025 7:49:29 AM | mohammad      | 5/2/2025 3:15:43 | Peak Integrated by Software |
| AR1254CCC500 | PP071653.D | Decachlorobiphenyl #2 | yogesh    | 5/1/2025 7:49:29 AM | mohammad      | 5/2/2025 3:15:43 | Peak Integrated by Software |
| AR1254CCC500 | PP071668.D | AR-1254-5             | yogesh    | 5/1/2025 8:35:35 AM | mohammad      | 5/2/2025 3:17:31 | Peak Integrated by Software |
| AR1254CCC500 | PP071668.D | Decachlorobiphenyl #2 | yogesh    | 5/1/2025 8:35:35 AM | mohammad      | 5/2/2025 3:17:31 | Peak Integrated by Software |
| I.BLK        | PP071669.D | Decachlorobiphenyl #2 | yogesh    | 5/1/2025 8:35:37 AM | mohammad      | 5/2/2025 3:17:33 | Peak Integrated by Software |
| AR1242CCC500 | PP071676.D | Decachlorobiphenyl #2 | yogesh    | 5/1/2025 7:49:57 AM | mohammad      | 5/2/2025 3:17:42 | Peak Integrated by Software |

## Manual Integration Report

Sequence:

PP043025

Instrument

ECD\_p

| Sample ID    | File ID    | Parameter             | Review By | Review On           | Supervised By | Supervised On    | Reason                      |
|--------------|------------|-----------------------|-----------|---------------------|---------------|------------------|-----------------------------|
| AR1254CCC500 | PP071678.D | Decachlorobiphenyl #2 | yogesh    | 5/1/2025 7:50:02 AM | mohammad      | 5/2/2025 3:17:45 | Peak Integrated by Software |
| I.BLK        | PP071679.D | Decachlorobiphenyl #2 | yogesh    | 5/1/2025 7:50:03 AM | mohammad      | 5/2/2025 3:17:48 | Peak Integrated by Software |

Instrument ID: ECD\_O

**Daily Analysis Runlog For Sequence/QC Batch ID # PO041025**

|                          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                                                                                                                                                                                                                                                          | Review On         | 4/10/2025 11:27:35 AM         |
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                        | Supervise On      | 4/14/2025 12:40:29 AM         |
| SubDirectory             | PO041025                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PO041025 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| Initial Calibration Stds | PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 |                   |                               |
| CCC                      | PP24332,PP24347,PP24352,PP24357                                                                                                                                                                                                                                                                                                 |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| ICV/I.BLK                | PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2                                                                                                                                                                                             |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |                   |                               |

| Sr# | Sampleld      | Data File Name | Date-Time         | Operator | Status |
|-----|---------------|----------------|-------------------|----------|--------|
| 1   | HEXANE        | PO110347.D     | 10 Apr 2025 08:59 | YP/AJ    | Ok     |
| 2   | I.BLK         | PO110348.D     | 10 Apr 2025 09:17 | YP/AJ    | Ok     |
| 3   | AR1660ICC1000 | PO110349.D     | 10 Apr 2025 09:36 | YP/AJ    | Ok     |
| 4   | AR1660ICC750  | PO110350.D     | 10 Apr 2025 09:54 | YP/AJ    | Ok     |
| 5   | AR1660ICC500  | PO110351.D     | 10 Apr 2025 10:13 | YP/AJ    | Ok     |
| 6   | AR1660ICC250  | PO110352.D     | 10 Apr 2025 10:31 | YP/AJ    | Ok     |
| 7   | AR1660ICC050  | PO110353.D     | 10 Apr 2025 10:49 | YP/AJ    | Ok     |
| 8   | AR1221ICC500  | PO110354.D     | 10 Apr 2025 11:08 | YP/AJ    | Ok     |
| 9   | AR1232ICC500  | PO110355.D     | 10 Apr 2025 11:26 | YP/AJ    | Ok     |
| 10  | AR1242ICC1000 | PO110356.D     | 10 Apr 2025 11:44 | YP/AJ    | Ok     |
| 11  | AR1242ICC750  | PO110357.D     | 10 Apr 2025 12:03 | YP/AJ    | Ok     |
| 12  | AR1242ICC500  | PO110358.D     | 10 Apr 2025 12:21 | YP/AJ    | Ok     |
| 13  | AR1242ICC250  | PO110359.D     | 10 Apr 2025 12:39 | YP/AJ    | Ok     |
| 14  | AR1242ICC050  | PO110360.D     | 10 Apr 2025 12:58 | YP/AJ    | Ok     |
| 15  | AR1248ICC1000 | PO110361.D     | 10 Apr 2025 13:16 | YP/AJ    | Ok     |
| 16  | AR1248ICC750  | PO110362.D     | 10 Apr 2025 13:35 | YP/AJ    | Ok     |
| 17  | AR1248ICC500  | PO110363.D     | 10 Apr 2025 13:53 | YP/AJ    | Ok     |
| 18  | AR1248ICC250  | PO110364.D     | 10 Apr 2025 14:11 | YP/AJ    | Ok     |
| 19  | AR1248ICC050  | PO110365.D     | 10 Apr 2025 14:30 | YP/AJ    | Ok     |
| 20  | AR1254ICC1000 | PO110366.D     | 10 Apr 2025 14:48 | YP/AJ    | Ok     |
| 21  | AR1254ICC750  | PO110367.D     | 10 Apr 2025 15:06 | YP/AJ    | Ok     |

Instrument ID: ECD\_O

**Daily Analysis Runlog For Sequence/QC Batch ID # PO041025**

|                          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                                                                                                                                                                                                                                                          | Review On         | 4/10/2025 11:27:35 AM         |
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                        | Supervise On      | 4/14/2025 12:40:29 AM         |
| SubDirectory             | PO041025                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PO041025 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| Initial Calibration Stds | PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 |                   |                               |
| CCC                      | PP24332,PP24347,PP24352,PP24357                                                                                                                                                                                                                                                                                                 |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| ICV/I.BLK                | PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2                                                                                                                                                                                             |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |                   |                               |

|    |                |            |                   |       |    |
|----|----------------|------------|-------------------|-------|----|
| 22 | AR1254ICC500   | PO110368.D | 10 Apr 2025 15:25 | YP/AJ | Ok |
| 23 | AR1254ICC250   | PO110369.D | 10 Apr 2025 15:43 | YP/AJ | Ok |
| 24 | AR1254ICC050   | PO110370.D | 10 Apr 2025 16:02 | YP/AJ | Ok |
| 25 | AR1262ICC500   | PO110371.D | 10 Apr 2025 16:20 | YP/AJ | Ok |
| 26 | AR1268ICC1000  | PO110372.D | 10 Apr 2025 16:38 | YP/AJ | Ok |
| 27 | AR1268ICC750   | PO110373.D | 10 Apr 2025 16:57 | YP/AJ | Ok |
| 28 | AR1268ICC500   | PO110374.D | 10 Apr 2025 17:15 | YP/AJ | Ok |
| 29 | AR1268ICC250   | PO110375.D | 10 Apr 2025 17:33 | YP/AJ | Ok |
| 30 | AR1268ICC050   | PO110376.D | 10 Apr 2025 17:52 | YP/AJ | Ok |
| 31 | PO041025ICV500 | PO110377.D | 10 Apr 2025 18:09 | YP/AJ | Ok |
| 32 | AR1242ICV500   | PO110378.D | 10 Apr 2025 18:46 | YP/AJ | Ok |
| 33 | AR1248ICV500   | PO110379.D | 10 Apr 2025 19:22 | YP/AJ | Ok |
| 34 | AR1254ICV500   | PO110380.D | 10 Apr 2025 19:58 | YP/AJ | Ok |
| 35 | AR1268ICV500   | PO110381.D | 10 Apr 2025 20:35 | YP/AJ | Ok |

M : Manual Integration

Instrument ID: ECD\_O

**Daily Analysis Runlog For Sequence/QC Batch ID # PO042925**

|                          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                                                                                                                                                                                                                                                          | Review On         | 4/29/2025 11:07:42 AM         |
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                        | Supervise On      | 5/2/2025 2:51:07 AM           |
| SubDirectory             | PO042925                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PO041025 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| Initial Calibration Stds | PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 |                   |                               |
| CCC                      | PP24332,PP24347,PP24352,PP24357                                                                                                                                                                                                                                                                                                 |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| ICV/I.BLK                | PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2                                                                                                                                                                                             |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |                   |                               |

| Sr# | SampleId     | Data File Name | Date-Time         | Operator | Status |
|-----|--------------|----------------|-------------------|----------|--------|
| 1   | HEXANE       | PO110845.D     | 29 Apr 2025 09:06 | YP/AJ    | Ok     |
| 2   | AR1660CCC500 | PO110846.D     | 29 Apr 2025 09:24 | YP/AJ    | Ok     |
| 3   | AR1242CCC500 | PO110847.D     | 29 Apr 2025 09:45 | YP/AJ    | Ok     |
| 4   | AR1248CCC500 | PO110848.D     | 29 Apr 2025 10:03 | YP/AJ    | Ok     |
| 5   | AR1254CCC500 | PO110849.D     | 29 Apr 2025 10:21 | YP/AJ    | Ok     |
| 6   | I.BLK        | PO110850.D     | 29 Apr 2025 10:40 | YP/AJ    | Ok     |
| 7   | PB167765BL   | PO110851.D     | 29 Apr 2025 10:58 | YP/AJ    | Not Ok |
| 8   | Q1889-01     | PO110852.D     | 29 Apr 2025 11:16 | YP/AJ    | Ok     |
| 9   | Q1889-01MS   | PO110853.D     | 29 Apr 2025 11:35 | YP/AJ    | Ok     |
| 10  | Q1889-01MSD  | PO110854.D     | 29 Apr 2025 11:53 | YP/AJ    | Ok     |
| 11  | Q1860-34DL   | PO110855.D     | 29 Apr 2025 12:11 | YP/AJ    | Ok,M   |
| 12  | Q1901-05     | PO110856.D     | 29 Apr 2025 13:36 | YP/AJ    | Ok     |
| 13  | Q1902-02     | PO110857.D     | 29 Apr 2025 13:54 | YP/AJ    | Ok,M   |
| 14  | Q1903-01     | PO110858.D     | 29 Apr 2025 14:12 | YP/AJ    | Ok     |
| 15  | Q1903-02     | PO110859.D     | 29 Apr 2025 14:31 | YP/AJ    | Ok     |
| 16  | Q1903-03     | PO110860.D     | 29 Apr 2025 14:49 | YP/AJ    | Ok     |
| 17  | AR1660CCC500 | PO110861.D     | 29 Apr 2025 15:58 | YP/AJ    | Ok     |
| 18  | AR1242CCC500 | PO110862.D     | 29 Apr 2025 16:35 | YP/AJ    | Ok     |
| 19  | AR1248CCC500 | PO110863.D     | 29 Apr 2025 16:53 | YP/AJ    | Ok     |
| 20  | AR1254CCC500 | PO110864.D     | 29 Apr 2025 17:11 | YP/AJ    | Ok     |
| 21  | I.BLK        | PO110865.D     | 29 Apr 2025 17:29 | YP/AJ    | Ok     |



Instrument ID: ECD\_O

**Daily Analysis Runlog For Sequence/QC Batch ID # PO042925**

|                          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                                                                                                                                                                                                                                                          | Review On         | 4/29/2025 11:07:42 AM         |
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                        | Supervise On      | 5/2/2025 2:51:07 AM           |
| SubDirectory             | PO042925                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PO041025 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| Initial Calibration Stds | PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 |                   |                               |
| CCC                      | PP24332,PP24347,PP24352,PP24357                                                                                                                                                                                                                                                                                                 |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| ICV/I.BLK                | PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2                                                                                                                                                                                             |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |                   |                               |

|    |              |            |                   |       |      |
|----|--------------|------------|-------------------|-------|------|
| 22 | Q1904-01     | PO110866.D | 29 Apr 2025 17:48 | YP/AJ | Ok   |
| 23 | Q1904-01MS   | PO110867.D | 29 Apr 2025 18:05 | YP/AJ | Ok   |
| 24 | Q1904-01MSD  | PO110868.D | 29 Apr 2025 18:23 | YP/AJ | Ok   |
| 25 | Q1906-01     | PO110869.D | 29 Apr 2025 18:42 | YP/AJ | Ok   |
| 26 | Q1906-05     | PO110870.D | 29 Apr 2025 19:00 | YP/AJ | Ok   |
| 27 | Q1906-09     | PO110871.D | 29 Apr 2025 19:19 | YP/AJ | Ok,M |
| 28 | Q1906-13     | PO110872.D | 29 Apr 2025 19:37 | YP/AJ | Ok   |
| 29 | Q1897-01     | PO110873.D | 29 Apr 2025 19:55 | YP/AJ | Ok,M |
| 30 | Q1901-06     | PO110874.D | 29 Apr 2025 20:14 | YP/AJ | Ok   |
| 31 | Q1897-02     | PO110875.D | 29 Apr 2025 20:32 | YP/AJ | Ok,M |
| 32 | AR1660CCC500 | PO110876.D | 29 Apr 2025 22:00 | YP/AJ | Ok   |
| 33 | AR1242CCC500 | PO110877.D | 29 Apr 2025 22:36 | YP/AJ | Ok   |
| 34 | AR1248CCC500 | PO110878.D | 29 Apr 2025 22:55 | YP/AJ | Ok   |
| 35 | AR1254CCC500 | PO110879.D | 29 Apr 2025 23:13 | YP/AJ | Ok   |
| 36 | I.BLK        | PO110880.D | 29 Apr 2025 23:31 | YP/AJ | Ok   |
| 37 | PB167790BL   | PO110881.D | 29 Apr 2025 23:50 | YP/AJ | Ok   |
| 38 | PB167790BS   | PO110882.D | 30 Apr 2025 00:08 | YP/AJ | Ok   |
| 39 | Q1909-01     | PO110883.D | 30 Apr 2025 00:26 | YP/AJ | Ok,M |
| 40 | Q1909-02     | PO110884.D | 30 Apr 2025 00:45 | YP/AJ | Ok,M |
| 41 | AR1660CCC500 | PO110885.D | 30 Apr 2025 02:11 | YP/AJ | Ok   |
| 42 | AR1242CCC500 | PO110886.D | 30 Apr 2025 02:48 | YP/AJ | Ok   |
| 43 | AR1248CCC500 | PO110887.D | 30 Apr 2025 03:06 | YP/AJ | Ok   |
| 44 | AR1254CCC500 | PO110888.D | 30 Apr 2025 03:25 | YP/AJ | Ok   |

Instrument ID: ECD\_O

**Daily Analysis Runlog For Sequence/QC Batch ID # PO042925**

| Review By                | yogesh                                                                                                                                                                                                                                                                                                                          | Review On         | 4/29/2025 11:07:42 AM         |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                        | Supervise On      | 5/2/2025 2:51:07 AM           |
| SubDirectory             | PO042925                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PO041025 |
| STD. NAME                | STD REF.#                                                                                                                                                                                                                                                                                                                       |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| Initial Calibration Stds | PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 |                   |                               |
| CCC                      | PP24332,PP24347,PP24352,PP24357                                                                                                                                                                                                                                                                                                 |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| ICV/I.BLK                | PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2                                                                                                                                                                                             |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |                   |                               |

|    |       |            |                   |       |    |
|----|-------|------------|-------------------|-------|----|
| 45 | I.BLK | PO110889.D | 30 Apr 2025 03:43 | YP/AJ | Ok |
|----|-------|------------|-------------------|-------|----|

M : Manual Integration

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP042225**

|                          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                                                                                                                                                                                                                                                          | Review On         | 4/22/2025 1:34:56 PM          |
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                        | Supervise On      | 4/24/2025 6:33:42 AM          |
| SubDirectory             | PP042225                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PP042225 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| Initial Calibration Stds | PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 |                   |                               |
| CCC                      | PP24332,PP24347,PP24352,PP24357                                                                                                                                                                                                                                                                                                 |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| ICV/I.BLK                | PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2                                                                                                                                                                                             |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |                   |                               |

| Sr# | Sampleld      | Data File Name | Date-Time         | Operator | Status |
|-----|---------------|----------------|-------------------|----------|--------|
| 1   | HEXANE        | PP071387.D     | 22 Apr 2025 09:56 | YP\AJ    | Ok     |
| 2   | I.BLK         | PP071388.D     | 22 Apr 2025 10:13 | YP\AJ    | Ok     |
| 3   | AR1660ICC1000 | PP071389.D     | 22 Apr 2025 10:29 | YP\AJ    | Ok     |
| 4   | AR1660ICC750  | PP071390.D     | 22 Apr 2025 10:45 | YP\AJ    | Ok     |
| 5   | AR1660ICC500  | PP071391.D     | 22 Apr 2025 11:02 | YP\AJ    | Ok     |
| 6   | AR1660ICC250  | PP071392.D     | 22 Apr 2025 11:18 | YP\AJ    | Ok     |
| 7   | AR1660ICC050  | PP071393.D     | 22 Apr 2025 11:34 | YP\AJ    | Ok,M   |
| 8   | AR1221ICC500  | PP071394.D     | 22 Apr 2025 11:51 | YP\AJ    | Ok     |
| 9   | AR1232ICC500  | PP071395.D     | 22 Apr 2025 12:07 | YP\AJ    | Ok     |
| 10  | AR1242ICC1000 | PP071396.D     | 22 Apr 2025 12:23 | YP\AJ    | Ok     |
| 11  | AR1242ICC750  | PP071397.D     | 22 Apr 2025 12:39 | YP\AJ    | Ok     |
| 12  | AR1242ICC500  | PP071398.D     | 22 Apr 2025 12:56 | YP\AJ    | Ok     |
| 13  | AR1242ICC250  | PP071399.D     | 22 Apr 2025 13:12 | YP\AJ    | Ok     |
| 14  | AR1242ICC050  | PP071400.D     | 22 Apr 2025 13:28 | YP\AJ    | Ok     |
| 15  | AR1248ICC1000 | PP071401.D     | 22 Apr 2025 13:45 | YP\AJ    | Ok     |
| 16  | AR1248ICC750  | PP071402.D     | 22 Apr 2025 14:01 | YP\AJ    | Ok     |
| 17  | AR1248ICC500  | PP071403.D     | 22 Apr 2025 14:17 | YP\AJ    | Ok     |
| 18  | AR1248ICC250  | PP071404.D     | 22 Apr 2025 14:33 | YP\AJ    | Ok     |
| 19  | AR1248ICC050  | PP071405.D     | 22 Apr 2025 14:50 | YP\AJ    | Ok     |
| 20  | AR1254ICC1000 | PP071406.D     | 22 Apr 2025 15:06 | YP\AJ    | Ok     |
| 21  | AR1254ICC750  | PP071407.D     | 22 Apr 2025 15:22 | YP\AJ    | Ok,M   |

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP042225**

|                          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                                                                                                                                                                                                                                                          | Review On         | 4/22/2025 1:34:56 PM          |
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                        | Supervise On      | 4/24/2025 6:33:42 AM          |
| SubDirectory             | PP042225                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PP042225 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| Initial Calibration Stds | PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 |                   |                               |
| CCC                      | PP24332,PP24347,PP24352,PP24357                                                                                                                                                                                                                                                                                                 |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| ICV/I.BLK                | PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2                                                                                                                                                                                             |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |                   |                               |

|    |                |            |                   |       |      |
|----|----------------|------------|-------------------|-------|------|
| 22 | AR1254ICC500   | PP071408.D | 22 Apr 2025 15:38 | YP\AJ | Ok   |
| 23 | AR1254ICC250   | PP071409.D | 22 Apr 2025 15:55 | YP\AJ | Ok   |
| 24 | AR1254ICC050   | PP071410.D | 22 Apr 2025 16:11 | YP\AJ | Ok,M |
| 25 | AR1262ICC500   | PP071411.D | 22 Apr 2025 16:27 | YP\AJ | Ok   |
| 26 | AR1268ICC1000  | PP071412.D | 22 Apr 2025 16:44 | YP\AJ | Ok,M |
| 27 | AR1268ICC750   | PP071413.D | 22 Apr 2025 17:00 | YP\AJ | Ok,M |
| 28 | AR1268ICC500   | PP071414.D | 22 Apr 2025 17:16 | YP\AJ | Ok,M |
| 29 | AR1268ICC250   | PP071415.D | 22 Apr 2025 17:33 | YP\AJ | Ok,M |
| 30 | AR1268ICC050   | PP071416.D | 22 Apr 2025 17:49 | YP\AJ | Ok,M |
| 31 | PP042225ICV500 | PP071417.D | 22 Apr 2025 18:05 | YP\AJ | Ok   |
| 32 | AR1242ICV500   | PP071418.D | 22 Apr 2025 18:38 | YP\AJ | Ok   |
| 33 | AR1248ICV500   | PP071419.D | 22 Apr 2025 19:27 | YP\AJ | Ok   |
| 34 | AR1254ICV500   | PP071420.D | 22 Apr 2025 19:43 | YP\AJ | Ok   |
| 35 | AR1268ICV500   | PP071421.D | 22 Apr 2025 20:16 | YP\AJ | Ok,M |

M : Manual Integration

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP042925**

|                          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                                                                                                                                                                                                                                                          | Review On         | 4/29/2025 11:08:35 AM         |
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                        | Supervise On      | 5/2/2025 2:54:00 AM           |
| SubDirectory             | PP042925                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PP042225 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| Initial Calibration Stds | PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 |                   |                               |
| CCC                      | PP24332,PP24347,PP24352,PP24357                                                                                                                                                                                                                                                                                                 |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| ICV/I.BLK                | PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2                                                                                                                                                                                             |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |                   |                               |

| Sr# | SampleId     | Data File Name | Date-Time         | Operator | Status |
|-----|--------------|----------------|-------------------|----------|--------|
| 1   | HEXANE       | PP071598.D     | 29 Apr 2025 10:16 | YP\AJ    | Ok     |
| 2   | AR1660CCC500 | PP071599.D     | 29 Apr 2025 10:33 | YP\AJ    | Ok     |
| 3   | AR1242CCC500 | PP071600.D     | 29 Apr 2025 10:51 | YP\AJ    | Ok     |
| 4   | AR1248CCC500 | PP071601.D     | 29 Apr 2025 11:07 | YP\AJ    | Ok     |
| 5   | AR1254CCC500 | PP071602.D     | 29 Apr 2025 11:24 | YP\AJ    | Ok     |
| 6   | I.BLK        | PP071603.D     | 29 Apr 2025 11:40 | YP\AJ    | Ok     |
| 7   | Q1860-35DL   | PP071604.D     | 29 Apr 2025 11:56 | YP\AJ    | Ok,M   |
| 8   | Q1884-01DL   | PP071605.D     | 29 Apr 2025 12:12 | YP\AJ    | Ok,M   |
| 9   | Q1884-02DL   | PP071606.D     | 29 Apr 2025 12:29 | YP\AJ    | Ok,M   |
| 10  | PB167776BL   | PP071607.D     | 29 Apr 2025 13:30 | YP\AJ    | Ok     |
| 11  | PB167776BS   | PP071608.D     | 29 Apr 2025 13:46 | YP\AJ    | Ok     |
| 12  | Q1883-01     | PP071609.D     | 29 Apr 2025 14:02 | YP\AJ    | Ok,M   |
| 13  | Q1883-03     | PP071610.D     | 29 Apr 2025 14:19 | YP\AJ    | Ok     |
| 14  | Q1883-05     | PP071611.D     | 29 Apr 2025 14:35 | YP\AJ    | Ok     |
| 15  | Q1883-07     | PP071612.D     | 29 Apr 2025 14:51 | YP\AJ    | Ok     |
| 16  | Q1883-09     | PP071613.D     | 29 Apr 2025 15:08 | YP\AJ    | Ok     |
| 17  | AR1660CCC500 | PP071614.D     | 29 Apr 2025 16:29 | YP\AJ    | Ok     |
| 18  | AR1242CCC500 | PP071615.D     | 29 Apr 2025 17:02 | YP\AJ    | Ok     |
| 19  | AR1248CCC500 | PP071616.D     | 29 Apr 2025 17:18 | YP\AJ    | Ok     |
| 20  | AR1254CCC500 | PP071617.D     | 29 Apr 2025 17:34 | YP\AJ    | Ok     |
| 21  | I.BLK        | PP071618.D     | 29 Apr 2025 17:51 | YP\AJ    | Ok     |

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP042925**

| Review By                | yogesh                                                                                                                                                                                                                                                                                                                          | Review On         | 4/29/2025 11:08:35 AM         |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                        | Supervise On      | 5/2/2025 2:54:00 AM           |
| SubDirectory             | PP042925                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PP042225 |
| STD. NAME                | STD REF.#                                                                                                                                                                                                                                                                                                                       |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| Initial Calibration Stds | PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 |                   |                               |
| CCC                      | PP24332,PP24347,PP24352,PP24357                                                                                                                                                                                                                                                                                                 |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| ICV/I.BLK                | PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2                                                                                                                                                                                             |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |                   |                               |

|    |              |            |                   |       |      |
|----|--------------|------------|-------------------|-------|------|
| 22 | Q1883-11     | PP071619.D | 29 Apr 2025 18:07 | YP\AJ | Ok   |
| 23 | Q1883-13     | PP071620.D | 29 Apr 2025 18:23 | YP\AJ | Ok   |
| 24 | Q1883-15     | PP071621.D | 29 Apr 2025 18:40 | YP\AJ | Ok   |
| 25 | Q1901-02     | PP071622.D | 29 Apr 2025 18:56 | YP\AJ | Ok,M |
| 26 | Q1901-04     | PP071623.D | 29 Apr 2025 19:12 | YP\AJ | Ok   |
| 27 | PB167782BL   | PP071624.D | 29 Apr 2025 19:29 | YP\AJ | Ok   |
| 28 | PB167782BS   | PP071625.D | 29 Apr 2025 19:45 | YP\AJ | Ok   |
| 29 | PB167782BSD  | PP071626.D | 29 Apr 2025 20:01 | YP\AJ | Ok   |
| 30 | Q1890-01     | PP071627.D | 29 Apr 2025 20:18 | YP\AJ | Ok   |
| 31 | Q1896-03     | PP071628.D | 29 Apr 2025 20:34 | YP\AJ | Ok,M |
| 32 | AR1660CCC500 | PP071629.D | 29 Apr 2025 21:55 | YP\AJ | Ok   |
| 33 | AR1242CCC500 | PP071630.D | 29 Apr 2025 22:28 | YP\AJ | Ok   |
| 34 | AR1248CCC500 | PP071631.D | 29 Apr 2025 22:44 | YP\AJ | Ok   |
| 35 | AR1254CCC500 | PP071632.D | 29 Apr 2025 23:01 | YP\AJ | Ok,M |
| 36 | I.BLK        | PP071633.D | 29 Apr 2025 23:17 | YP\AJ | Ok   |

M : Manual Integration

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP043025**

|                          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                                                                                                                                                                                                                                                          | Review On         | 4/30/2025 11:33:57 AM         |
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                        | Supervise On      | 5/2/2025 3:18:29 AM           |
| SubDirectory             | PP043025                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PP042225 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| Initial Calibration Stds | PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 |                   |                               |
| CCC                      | PP24332,PP24347,PP24352,PP24357                                                                                                                                                                                                                                                                                                 |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| ICV/I.BLK                | PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2                                                                                                                                                                                             |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |                   |                               |

| Sr# | Sampleld     | Data File Name | Date-Time         | Operator | Status   |
|-----|--------------|----------------|-------------------|----------|----------|
| 1   | HEXANE       | PP071634.D     | 30 Apr 2025 08:51 | YP\AJ    | Ok       |
| 2   | AR1660CCC500 | PP071635.D     | 30 Apr 2025 09:07 | YP\AJ    | Ok       |
| 3   | AR1242CCC500 | PP071636.D     | 30 Apr 2025 09:28 | YP\AJ    | Ok       |
| 4   | AR1248CCC500 | PP071637.D     | 30 Apr 2025 09:45 | YP\AJ    | Ok       |
| 5   | AR1254CCC500 | PP071638.D     | 30 Apr 2025 10:01 | YP\AJ    | Ok,M     |
| 6   | I.BLK        | PP071639.D     | 30 Apr 2025 10:17 | YP\AJ    | Ok       |
| 7   | Q1867-01DL   | PP071640.D     | 30 Apr 2025 11:09 | YP\AJ    | Ok,M     |
| 8   | PB167794BL   | PP071641.D     | 30 Apr 2025 12:39 | YP\AJ    | Ok       |
| 9   | PB167794BS   | PP071642.D     | 30 Apr 2025 12:56 | YP\AJ    | Ok       |
| 10  | Q1901-03     | PP071643.D     | 30 Apr 2025 13:12 | YP\AJ    | Ok,M     |
| 11  | Q1905-01     | PP071644.D     | 30 Apr 2025 13:28 | YP\AJ    | Ok,M     |
| 12  | Q1860-09     | PP071645.D     | 30 Apr 2025 13:44 | YP\AJ    | Dilution |
| 13  | Q1860-09DL   | PP071646.D     | 30 Apr 2025 14:01 | YP\AJ    | Ok,M     |
| 14  | Q1910-01     | PP071647.D     | 30 Apr 2025 14:33 | YP\AJ    | Ok,M     |
| 15  | Q1910-01MS   | PP071648.D     | 30 Apr 2025 14:49 | YP\AJ    | Ok,M     |
| 16  | Q1910-01MSD  | PP071649.D     | 30 Apr 2025 15:05 | YP\AJ    | Ok,M     |
| 17  | AR1660CCC500 | PP071650.D     | 30 Apr 2025 16:11 | YP\AJ    | Ok       |
| 18  | AR1242CCC500 | PP071651.D     | 30 Apr 2025 16:27 | YP\AJ    | Ok       |
| 19  | AR1248CCC500 | PP071652.D     | 30 Apr 2025 16:43 | YP\AJ    | Ok       |
| 20  | AR1254CCC500 | PP071653.D     | 30 Apr 2025 17:00 | YP\AJ    | Ok,M     |
| 21  | I.BLK        | PP071654.D     | 30 Apr 2025 17:16 | YP\AJ    | Ok       |

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP043025**

| Review By                | yogesh                                                                                                                                                                                                                                                                                                                          | Review On         | 4/30/2025 11:33:57 AM         |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                        | Supervise On      | 5/2/2025 3:18:29 AM           |
| SubDirectory             | PP043025                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PP042225 |
| STD. NAME                | STD REF.#                                                                                                                                                                                                                                                                                                                       |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| Initial Calibration Stds | PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 |                   |                               |
| CCC                      | PP24332,PP24347,PP24352,PP24357                                                                                                                                                                                                                                                                                                 |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| ICV/I.BLK                | PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2                                                                                                                                                                                             |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |                   |                               |

|    |              |            |                   |       |      |
|----|--------------|------------|-------------------|-------|------|
| 22 | Q1911-01     | PP071655.D | 30 Apr 2025 17:33 | YP\AJ | Ok,M |
| 23 | Q1912-01     | PP071656.D | 30 Apr 2025 17:49 | YP\AJ | Ok,M |
| 24 | Q1912-05     | PP071657.D | 30 Apr 2025 18:06 | YP\AJ | Ok,M |
| 25 | Q1905-05     | PP071658.D | 30 Apr 2025 18:22 | YP\AJ | Ok,M |
| 26 | Q1907-01     | PP071659.D | 30 Apr 2025 18:38 | YP\AJ | Ok,M |
| 27 | Q1921-01     | PP071660.D | 30 Apr 2025 18:55 | YP\AJ | Ok,M |
| 28 | Q1921-02     | PP071661.D | 30 Apr 2025 19:11 | YP\AJ | Ok,M |
| 29 | Q1921-03     | PP071662.D | 30 Apr 2025 19:27 | YP\AJ | Ok,M |
| 30 | Q1921-04     | PP071663.D | 30 Apr 2025 19:44 | YP\AJ | Ok,M |
| 31 | Q1921-05     | PP071664.D | 30 Apr 2025 20:00 | YP\AJ | Ok,M |
| 32 | AR1660CCC500 | PP071665.D | 30 Apr 2025 21:38 | YP\AJ | Ok   |
| 33 | AR1242CCC500 | PP071666.D | 30 Apr 2025 22:11 | YP\AJ | Ok   |
| 34 | AR1248CCC500 | PP071667.D | 30 Apr 2025 22:27 | YP\AJ | Ok   |
| 35 | AR1254CCC500 | PP071668.D | 30 Apr 2025 22:44 | YP\AJ | Ok,M |
| 36 | I.BLK        | PP071669.D | 30 Apr 2025 23:00 | YP\AJ | Ok,M |
| 37 | PB167809BL   | PP071670.D | 30 Apr 2025 23:16 | YP\AJ | Ok   |
| 38 | PB167809BS   | PP071671.D | 30 Apr 2025 23:33 | YP\AJ | Ok   |
| 39 | Q1921-06     | PP071672.D | 30 Apr 2025 23:49 | YP\AJ | Ok   |
| 40 | Q1921-07     | PP071673.D | 01 May 2025 00:05 | YP\AJ | Ok,M |
| 41 | Q1921-08     | PP071674.D | 01 May 2025 00:22 | YP\AJ | Ok,M |
| 42 | AR1660CCC500 | PP071675.D | 01 May 2025 02:00 | YP\AJ | Ok   |
| 43 | AR1242CCC500 | PP071676.D | 01 May 2025 02:49 | YP\AJ | Ok,M |
| 44 | AR1248CCC500 | PP071677.D | 01 May 2025 03:05 | YP\AJ | Ok   |



Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP043025**

| Review By                | yogesh                                                                                                                                                                                                                                                                                                                          | Review On         | 4/30/2025 11:33:57 AM         |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                        | Supervise On      | 5/2/2025 3:18:29 AM           |
| SubDirectory             | PP043025                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PP042225 |
| STD. NAME                | STD REF.#                                                                                                                                                                                                                                                                                                                       |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| Initial Calibration Stds | PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 |                   |                               |
| CCC                      | PP24332,PP24347,PP24352,PP24357                                                                                                                                                                                                                                                                                                 |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| ICV/I.BLK                | PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387,PP24388,PP24389,PP24390,PP24391,PP24392,PP24393,PP24394,PP24395,PP24396,PP24397,PP24398,PP24399                                                                                         |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |                   |                               |

|    |              |            |                   |       |      |
|----|--------------|------------|-------------------|-------|------|
| 45 | AR1254CCC500 | PP071678.D | 01 May 2025 03:21 | YP\AJ | Ok,M |
| 46 | I.BLK        | PP071679.D | 01 May 2025 03:38 | YP\AJ | Ok,M |

M : Manual Integration

Instrument ID: ECD\_O

**Daily Analysis Runlog For Sequence/QC Batch ID # PO041025**

|              |          |                   |                               |
|--------------|----------|-------------------|-------------------------------|
| Review By    | yogesh   | Review On         | 4/10/2025 11:27:35 AM         |
| Supervise By | mohammad | Supervise On      | 4/14/2025 12:40:29 AM         |
| SubDirectory | PO041025 | HP Acquire Method | HP Processing Method PO041025 |

| STD. NAME                | STD REF.#                                                                                                                                                                                                                                                                                                                       |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |
| Initial Calibration Stds | PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 |
| CCC                      | PP24332,PP24347,PP24352,PP24357                                                                                                                                                                                                                                                                                                 |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |
| ICV/I.BLK                | PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387                                                                                                                                                                                         |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |

| Sr# | SampleID      | ClientID      | Data File Name | Date-Time         | Comment | Operator | Status |
|-----|---------------|---------------|----------------|-------------------|---------|----------|--------|
| 1   | HEXANE        | HEXANE        | PO110347.D     | 10 Apr 2025 08:59 |         | YP/AJ    | Ok     |
| 2   | I.BLK         | I.BLK         | PO110348.D     | 10 Apr 2025 09:17 |         | YP/AJ    | Ok     |
| 3   | AR1660ICC1000 | AR1660ICC1000 | PO110349.D     | 10 Apr 2025 09:36 |         | YP/AJ    | Ok     |
| 4   | AR1660ICC750  | AR1660ICC750  | PO110350.D     | 10 Apr 2025 09:54 |         | YP/AJ    | Ok     |
| 5   | AR1660ICC500  | AR1660ICC500  | PO110351.D     | 10 Apr 2025 10:13 |         | YP/AJ    | Ok     |
| 6   | AR1660ICC250  | AR1660ICC250  | PO110352.D     | 10 Apr 2025 10:31 |         | YP/AJ    | Ok     |
| 7   | AR1660ICC050  | AR1660ICC050  | PO110353.D     | 10 Apr 2025 10:49 |         | YP/AJ    | Ok     |
| 8   | AR1221ICC500  | AR1221ICC500  | PO110354.D     | 10 Apr 2025 11:08 |         | YP/AJ    | Ok     |
| 9   | AR1232ICC500  | AR1232ICC500  | PO110355.D     | 10 Apr 2025 11:26 |         | YP/AJ    | Ok     |
| 10  | AR1242ICC1000 | AR1242ICC1000 | PO110356.D     | 10 Apr 2025 11:44 |         | YP/AJ    | Ok     |
| 11  | AR1242ICC750  | AR1242ICC750  | PO110357.D     | 10 Apr 2025 12:03 |         | YP/AJ    | Ok     |
| 12  | AR1242ICC500  | AR1242ICC500  | PO110358.D     | 10 Apr 2025 12:21 |         | YP/AJ    | Ok     |
| 13  | AR1242ICC250  | AR1242ICC250  | PO110359.D     | 10 Apr 2025 12:39 |         | YP/AJ    | Ok     |
| 14  | AR1242ICC050  | AR1242ICC050  | PO110360.D     | 10 Apr 2025 12:58 |         | YP/AJ    | Ok     |
| 15  | AR1248ICC1000 | AR1248ICC1000 | PO110361.D     | 10 Apr 2025 13:16 |         | YP/AJ    | Ok     |
| 16  | AR1248ICC750  | AR1248ICC750  | PO110362.D     | 10 Apr 2025 13:35 |         | YP/AJ    | Ok     |
| 17  | AR1248ICC500  | AR1248ICC500  | PO110363.D     | 10 Apr 2025 13:53 |         | YP/AJ    | Ok     |
| 18  | AR1248ICC250  | AR1248ICC250  | PO110364.D     | 10 Apr 2025 14:11 |         | YP/AJ    | Ok     |

Instrument ID: ECD\_O

**Daily Analysis Runlog For Sequence/QC Batch ID # PO041025**

|                                         |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                               | yogesh                                                                                                                                                                                                                                                                                                                                  | Review On         | 4/10/2025 11:27:35 AM         |
| Supervise By                            | mohammad                                                                                                                                                                                                                                                                                                                                | Supervise On      | 4/14/2025 12:40:29 AM         |
| SubDirectory                            | PO041025                                                                                                                                                                                                                                                                                                                                | HP Acquire Method | HP Processing Method PO041025 |
| <b>STD. NAME</b>                        | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                        |                   |                               |
| Tune/Reschk<br>Initial Calibration Stds | PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P<br>P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP<br>24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 |                   |                               |
| CCC                                     | PP24332,PP24347,PP24352,PP24357                                                                                                                                                                                                                                                                                                         |                   |                               |
| Internal Standard/PEM                   |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| ICV/I.BLK                               | PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387                                                                                                                                                                                                 |                   |                               |
| Surrogate Standard                      |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| MS/MSD Standard                         |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| LCS Standard                            |                                                                                                                                                                                                                                                                                                                                         |                   |                               |

|    |                |                   |            |                   |  |       |    |
|----|----------------|-------------------|------------|-------------------|--|-------|----|
| 19 | AR1248ICC050   | AR1248ICC050      | PO110365.D | 10 Apr 2025 14:30 |  | YP/AJ | Ok |
| 20 | AR1254ICC1000  | AR1254ICC1000     | PO110366.D | 10 Apr 2025 14:48 |  | YP/AJ | Ok |
| 21 | AR1254ICC750   | AR1254ICC750      | PO110367.D | 10 Apr 2025 15:06 |  | YP/AJ | Ok |
| 22 | AR1254ICC500   | AR1254ICC500      | PO110368.D | 10 Apr 2025 15:25 |  | YP/AJ | Ok |
| 23 | AR1254ICC250   | AR1254ICC250      | PO110369.D | 10 Apr 2025 15:43 |  | YP/AJ | Ok |
| 24 | AR1254ICC050   | AR1254ICC050      | PO110370.D | 10 Apr 2025 16:02 |  | YP/AJ | Ok |
| 25 | AR1262ICC500   | AR1262ICC500      | PO110371.D | 10 Apr 2025 16:20 |  | YP/AJ | Ok |
| 26 | AR1268ICC1000  | AR1268ICC1000     | PO110372.D | 10 Apr 2025 16:38 |  | YP/AJ | Ok |
| 27 | AR1268ICC750   | AR1268ICC750      | PO110373.D | 10 Apr 2025 16:57 |  | YP/AJ | Ok |
| 28 | AR1268ICC500   | AR1268ICC500      | PO110374.D | 10 Apr 2025 17:15 |  | YP/AJ | Ok |
| 29 | AR1268ICC250   | AR1268ICC250      | PO110375.D | 10 Apr 2025 17:33 |  | YP/AJ | Ok |
| 30 | AR1268ICC050   | AR1268ICC050      | PO110376.D | 10 Apr 2025 17:52 |  | YP/AJ | Ok |
| 31 | PO041025ICV500 | ICVPO041025       | PO110377.D | 10 Apr 2025 18:09 |  | YP/AJ | Ok |
| 32 | AR1242ICV500   | ICVPO041025AR1242 | PO110378.D | 10 Apr 2025 18:46 |  | YP/AJ | Ok |
| 33 | AR1248ICV500   | ICVPO041025AR1248 | PO110379.D | 10 Apr 2025 19:22 |  | YP/AJ | Ok |
| 34 | AR1254ICV500   | ICVPO041025AR1254 | PO110380.D | 10 Apr 2025 19:58 |  | YP/AJ | Ok |
| 35 | AR1268ICV500   | ICVPO041025AR1268 | PO110381.D | 10 Apr 2025 20:35 |  | YP/AJ | Ok |

M : Manual Integration

Instrument ID: ECD\_O

**Daily Analysis Runlog For Sequence/QC Batch ID # PO042925**

|              |          |                   |                               |
|--------------|----------|-------------------|-------------------------------|
| Review By    | yogesh   | Review On         | 4/29/2025 11:07:42 AM         |
| Supervise By | mohammad | Supervise On      | 5/2/2025 2:51:07 AM           |
| SubDirectory | PO042925 | HP Acquire Method | HP Processing Method PO041025 |

| STD. NAME                | STD REF.#                                                                                                                                                                                                                                                                                                                       |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |
| Initial Calibration Stds | PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 |
| CCC                      | PP24332,PP24347,PP24352,PP24357                                                                                                                                                                                                                                                                                                 |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |
| ICV/I.BLK                | PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387                                                                                                                                                                                         |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |

| Sr# | SampleID     | ClientID        | Data File Name | Date-Time         | Comment                                               | Operator | Status |
|-----|--------------|-----------------|----------------|-------------------|-------------------------------------------------------|----------|--------|
| 1   | HEXANE       | HEXANE          | PO110845.D     | 29 Apr 2025 09:06 |                                                       | YP/AJ    | Ok     |
| 2   | AR1660CCC500 | AR1660CCC500    | PO110846.D     | 29 Apr 2025 09:24 |                                                       | YP/AJ    | Ok     |
| 3   | AR1242CCC500 | AR1242CCC500    | PO110847.D     | 29 Apr 2025 09:45 |                                                       | YP/AJ    | Ok     |
| 4   | AR1248CCC500 | AR1248CCC500    | PO110848.D     | 29 Apr 2025 10:03 |                                                       | YP/AJ    | Ok     |
| 5   | AR1254CCC500 | AR1254CCC500    | PO110849.D     | 29 Apr 2025 10:21 |                                                       | YP/AJ    | Ok     |
| 6   | I.BLK        | I.BLK           | PO110850.D     | 29 Apr 2025 10:40 |                                                       | YP/AJ    | Ok     |
| 7   | PB167765BL   | PB167765BL      | PO110851.D     | 29 Apr 2025 10:58 |                                                       | YP/AJ    | Not Ok |
| 8   | Q1889-01     | COMP-1          | PO110852.D     | 29 Apr 2025 11:16 |                                                       | YP/AJ    | Ok     |
| 9   | Q1889-01MS   | COMP-1MS        | PO110853.D     | 29 Apr 2025 11:35 |                                                       | YP/AJ    | Ok     |
| 10  | Q1889-01MSD  | COMP-1MSD       | PO110854.D     | 29 Apr 2025 11:53 |                                                       | YP/AJ    | Ok     |
| 11  | Q1860-34DL   | P001-SS028-01DL | PO110855.D     | 29 Apr 2025 12:11 | AR1248 + AR1254 + AR1260 Hit, DCB High in both column | YP/AJ    | Ok,M   |
| 12  | Q1901-05     | B-170-SB02      | PO110856.D     | 29 Apr 2025 13:36 |                                                       | YP/AJ    | Ok     |
| 13  | Q1902-02     | 343             | PO110857.D     | 29 Apr 2025 13:54 |                                                       | YP/AJ    | Ok,M   |
| 14  | Q1903-01     | COMP-4          | PO110858.D     | 29 Apr 2025 14:12 |                                                       | YP/AJ    | Ok     |
| 15  | Q1903-02     | COMP-5          | PO110859.D     | 29 Apr 2025 14:31 |                                                       | YP/AJ    | Ok     |
| 16  | Q1903-03     | COMP-6          | PO110860.D     | 29 Apr 2025 14:49 |                                                       | YP/AJ    | Ok     |
| 17  | AR1660CCC500 | AR1660CCC500    | PO110861.D     | 29 Apr 2025 15:58 |                                                       | YP/AJ    | Ok     |

Instrument ID: ECD\_O

**Daily Analysis Runlog For Sequence/QC Batch ID # PO042925**

|                          |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                                                                                                                                                                                                                                                                  | Review On         | 4/29/2025 11:07:42 AM         |
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                                | Supervise On      | 5/2/2025 2:51:07 AM           |
| SubDirectory             | PO042925                                                                                                                                                                                                                                                                                                                                | HP Acquire Method | HP Processing Method PO041025 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                        |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| Initial Calibration Stds | PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P<br>P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP<br>24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 |                   |                               |
| CCC                      | PP24332,PP24347,PP24352,PP24357                                                                                                                                                                                                                                                                                                         |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| ICV/I.BLK                | PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387                                                                                                                                                                                                 |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                         |                   |                               |

|    |              |              |            |                   |            |       |      |
|----|--------------|--------------|------------|-------------------|------------|-------|------|
| 18 | AR1242CCC500 | AR1242CCC500 | PO110862.D | 29 Apr 2025 16:35 |            | YP/AJ | Ok   |
| 19 | AR1248CCC500 | AR1248CCC500 | PO110863.D | 29 Apr 2025 16:53 |            | YP/AJ | Ok   |
| 20 | AR1254CCC500 | AR1254CCC500 | PO110864.D | 29 Apr 2025 17:11 |            | YP/AJ | Ok   |
| 21 | I.BLK        | I.BLK        | PO110865.D | 29 Apr 2025 17:29 |            | YP/AJ | Ok   |
| 22 | Q1904-01     | VNJ-210      | PO110866.D | 29 Apr 2025 17:48 |            | YP/AJ | Ok   |
| 23 | Q1904-01MS   | VNJ-210MS    | PO110867.D | 29 Apr 2025 18:05 |            | YP/AJ | Ok   |
| 24 | Q1904-01MSD  | VNJ-210MSD   | PO110868.D | 29 Apr 2025 18:23 |            | YP/AJ | Ok   |
| 25 | Q1906-01     | WC-4         | PO110869.D | 29 Apr 2025 18:42 |            | YP/AJ | Ok   |
| 26 | Q1906-05     | WC-5         | PO110870.D | 29 Apr 2025 19:00 |            | YP/AJ | Ok   |
| 27 | Q1906-09     | WC-6         | PO110871.D | 29 Apr 2025 19:19 |            | YP/AJ | Ok,M |
| 28 | Q1906-13     | WC-7         | PO110872.D | 29 Apr 2025 19:37 |            | YP/AJ | Ok   |
| 29 | Q1897-01     | 40125        | PO110873.D | 29 Apr 2025 19:55 | AR1242 Hit | YP/AJ | Ok,M |
| 30 | Q1901-06     | FB04262025   | PO110874.D | 29 Apr 2025 20:14 |            | YP/AJ | Ok   |
| 31 | Q1897-02     | 41425        | PO110875.D | 29 Apr 2025 20:32 |            | YP/AJ | Ok,M |
| 32 | AR1660CCC500 | AR1660CCC500 | PO110876.D | 29 Apr 2025 22:00 |            | YP/AJ | Ok   |
| 33 | AR1242CCC500 | AR1242CCC500 | PO110877.D | 29 Apr 2025 22:36 |            | YP/AJ | Ok   |
| 34 | AR1248CCC500 | AR1248CCC500 | PO110878.D | 29 Apr 2025 22:55 |            | YP/AJ | Ok   |
| 35 | AR1254CCC500 | AR1254CCC500 | PO110879.D | 29 Apr 2025 23:13 |            | YP/AJ | Ok   |
| 36 | I.BLK        | I.BLK        | PO110880.D | 29 Apr 2025 23:31 |            | YP/AJ | Ok   |

Instrument ID: ECD\_O

**Daily Analysis Runlog For Sequence/QC Batch ID # PO042925**

|                          |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                                                                                                                                                                                                                                                                  | Review On         | 4/29/2025 11:07:42 AM         |
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                                | Supervise On      | 5/2/2025 2:51:07 AM           |
| SubDirectory             | PO042925                                                                                                                                                                                                                                                                                                                                | HP Acquire Method | HP Processing Method PO041025 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                        |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| Initial Calibration Stds | PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P<br>P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP<br>24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 |                   |                               |
| CCC                      | PP24332,PP24347,PP24352,PP24357                                                                                                                                                                                                                                                                                                         |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| ICV/I.BLK                | PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387                                                                                                                                                                                                 |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                         |                   |                               |

|    |              |              |            |                   |            |       |      |
|----|--------------|--------------|------------|-------------------|------------|-------|------|
| 37 | PB167790BL   | PB167790BL   | PO110881.D | 29 Apr 2025 23:50 |            | YP/AJ | Ok   |
| 38 | PB167790BS   | PB167790BS   | PO110882.D | 30 Apr 2025 00:08 |            | YP/AJ | Ok   |
| 39 | Q1909-01     | KMH358F-1-1  | PO110883.D | 30 Apr 2025 00:26 | AR1254 Hit | YP/AJ | Ok,M |
| 40 | Q1909-02     | KMH358F-1-2  | PO110884.D | 30 Apr 2025 00:45 | AR1254 Hit | YP/AJ | Ok,M |
| 41 | AR1660CCC500 | AR1660CCC500 | PO110885.D | 30 Apr 2025 02:11 |            | YP/AJ | Ok   |
| 42 | AR1242CCC500 | AR1242CCC500 | PO110886.D | 30 Apr 2025 02:48 |            | YP/AJ | Ok   |
| 43 | AR1248CCC500 | AR1248CCC500 | PO110887.D | 30 Apr 2025 03:06 |            | YP/AJ | Ok   |
| 44 | AR1254CCC500 | AR1254CCC500 | PO110888.D | 30 Apr 2025 03:25 |            | YP/AJ | Ok   |
| 45 | I.BLK        | I.BLK        | PO110889.D | 30 Apr 2025 03:43 |            | YP/AJ | Ok   |

M : Manual Integration

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP042225**

|              |          |                   |                               |
|--------------|----------|-------------------|-------------------------------|
| Review By    | yogesh   | Review On         | 4/22/2025 1:34:56 PM          |
| Supervise By | mohammad | Supervise On      | 4/24/2025 6:33:42 AM          |
| SubDirectory | PP042225 | HP Acquire Method | HP Processing Method PP042225 |

| STD. NAME                | STD REF.#                                                                                                                                                                                                                                                                                                                       |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |
| Initial Calibration Stds | PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 |
| CCC                      | PP24332,PP24347,PP24352,PP24357                                                                                                                                                                                                                                                                                                 |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |
| ICV/I.BLK                | PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387                                                                                                                                                                                         |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |

| Sr# | SampleID      | ClientID      | Data File Name | Date-Time         | Comment | Operator | Status |
|-----|---------------|---------------|----------------|-------------------|---------|----------|--------|
| 1   | HEXANE        | HEXANE        | PP071387.D     | 22 Apr 2025 09:56 |         | YP\AJ    | Ok     |
| 2   | I.BLK         | I.BLK         | PP071388.D     | 22 Apr 2025 10:13 |         | YP\AJ    | Ok     |
| 3   | AR1660ICC1000 | AR1660ICC1000 | PP071389.D     | 22 Apr 2025 10:29 |         | YP\AJ    | Ok     |
| 4   | AR1660ICC750  | AR1660ICC750  | PP071390.D     | 22 Apr 2025 10:45 |         | YP\AJ    | Ok     |
| 5   | AR1660ICC500  | AR1660ICC500  | PP071391.D     | 22 Apr 2025 11:02 |         | YP\AJ    | Ok     |
| 6   | AR1660ICC250  | AR1660ICC250  | PP071392.D     | 22 Apr 2025 11:18 |         | YP\AJ    | Ok     |
| 7   | AR1660ICC050  | AR1660ICC050  | PP071393.D     | 22 Apr 2025 11:34 |         | YP\AJ    | Ok,M   |
| 8   | AR1221ICC500  | AR1221ICC500  | PP071394.D     | 22 Apr 2025 11:51 |         | YP\AJ    | Ok     |
| 9   | AR1232ICC500  | AR1232ICC500  | PP071395.D     | 22 Apr 2025 12:07 |         | YP\AJ    | Ok     |
| 10  | AR1242ICC1000 | AR1242ICC1000 | PP071396.D     | 22 Apr 2025 12:23 |         | YP\AJ    | Ok     |
| 11  | AR1242ICC750  | AR1242ICC750  | PP071397.D     | 22 Apr 2025 12:39 |         | YP\AJ    | Ok     |
| 12  | AR1242ICC500  | AR1242ICC500  | PP071398.D     | 22 Apr 2025 12:56 |         | YP\AJ    | Ok     |
| 13  | AR1242ICC250  | AR1242ICC250  | PP071399.D     | 22 Apr 2025 13:12 |         | YP\AJ    | Ok     |
| 14  | AR1242ICC050  | AR1242ICC050  | PP071400.D     | 22 Apr 2025 13:28 |         | YP\AJ    | Ok     |
| 15  | AR1248ICC1000 | AR1248ICC1000 | PP071401.D     | 22 Apr 2025 13:45 |         | YP\AJ    | Ok     |
| 16  | AR1248ICC750  | AR1248ICC750  | PP071402.D     | 22 Apr 2025 14:01 |         | YP\AJ    | Ok     |
| 17  | AR1248ICC500  | AR1248ICC500  | PP071403.D     | 22 Apr 2025 14:17 |         | YP\AJ    | Ok     |
| 18  | AR1248ICC250  | AR1248ICC250  | PP071404.D     | 22 Apr 2025 14:33 |         | YP\AJ    | Ok     |

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP042225**

|                          |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                                                                                                                                                                                                                                                                  | Review On         | 4/22/2025 1:34:56 PM          |
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                                | Supervise On      | 4/24/2025 6:33:42 AM          |
| SubDirectory             | PP042225                                                                                                                                                                                                                                                                                                                                | HP Acquire Method | HP Processing Method PP042225 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                        |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| Initial Calibration Stds | PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P<br>P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP<br>24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 |                   |                               |
| CCC                      | PP24332,PP24347,PP24352,PP24357                                                                                                                                                                                                                                                                                                         |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| ICV/I.BLK                | PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387                                                                                                                                                                                                 |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                         |                   |                               |

|    |                |                   |            |                   |  |       |      |
|----|----------------|-------------------|------------|-------------------|--|-------|------|
| 19 | AR1248ICC050   | AR1248ICC050      | PP071405.D | 22 Apr 2025 14:50 |  | YPIAJ | Ok   |
| 20 | AR1254ICC1000  | AR1254ICC1000     | PP071406.D | 22 Apr 2025 15:06 |  | YPIAJ | Ok   |
| 21 | AR1254ICC750   | AR1254ICC750      | PP071407.D | 22 Apr 2025 15:22 |  | YPIAJ | Ok,M |
| 22 | AR1254ICC500   | AR1254ICC500      | PP071408.D | 22 Apr 2025 15:38 |  | YPIAJ | Ok   |
| 23 | AR1254ICC250   | AR1254ICC250      | PP071409.D | 22 Apr 2025 15:55 |  | YPIAJ | Ok   |
| 24 | AR1254ICC050   | AR1254ICC050      | PP071410.D | 22 Apr 2025 16:11 |  | YPIAJ | Ok,M |
| 25 | AR1262ICC500   | AR1262ICC500      | PP071411.D | 22 Apr 2025 16:27 |  | YPIAJ | Ok   |
| 26 | AR1268ICC1000  | AR1268ICC1000     | PP071412.D | 22 Apr 2025 16:44 |  | YPIAJ | Ok,M |
| 27 | AR1268ICC750   | AR1268ICC750      | PP071413.D | 22 Apr 2025 17:00 |  | YPIAJ | Ok,M |
| 28 | AR1268ICC500   | AR1268ICC500      | PP071414.D | 22 Apr 2025 17:16 |  | YPIAJ | Ok,M |
| 29 | AR1268ICC250   | AR1268ICC250      | PP071415.D | 22 Apr 2025 17:33 |  | YPIAJ | Ok,M |
| 30 | AR1268ICC050   | AR1268ICC050      | PP071416.D | 22 Apr 2025 17:49 |  | YPIAJ | Ok,M |
| 31 | PP042225ICV500 | ICVPP042225       | PP071417.D | 22 Apr 2025 18:05 |  | YPIAJ | Ok   |
| 32 | AR1242ICV500   | ICVPP042225AR1242 | PP071418.D | 22 Apr 2025 18:38 |  | YPIAJ | Ok   |
| 33 | AR1248ICV500   | ICVPP042225AR1248 | PP071419.D | 22 Apr 2025 19:27 |  | YPIAJ | Ok   |
| 34 | AR1254ICV500   | ICVPP042225AR1254 | PP071420.D | 22 Apr 2025 19:43 |  | YPIAJ | Ok   |
| 35 | AR1268ICV500   | ICVPP042225AR1268 | PP071421.D | 22 Apr 2025 20:16 |  | YPIAJ | Ok,M |

M : Manual Integration



Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP042925**

|              |          |                   |                               |
|--------------|----------|-------------------|-------------------------------|
| Review By    | yogesh   | Review On         | 4/29/2025 11:08:35 AM         |
| Supervise By | mohammad | Supervise On      | 5/2/2025 2:54:00 AM           |
| SubDirectory | PP042925 | HP Acquire Method | HP Processing Method PP042225 |

| STD. NAME                | STD REF.#                                                                                                                                                                                                                                                                                                                       |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |
| Initial Calibration Stds | PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 |
| CCC                      | PP24332,PP24347,PP24352,PP24357                                                                                                                                                                                                                                                                                                 |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |
| ICV/I.BLK                | PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387                                                                                                                                                                                         |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |

| Sr# | SampleID     | ClientID           | Data File Name | Date-Time         | Comment                                                                  | Operator | Status |
|-----|--------------|--------------------|----------------|-------------------|--------------------------------------------------------------------------|----------|--------|
| 1   | HEXANE       | HEXANE             | PP071598.D     | 29 Apr 2025 10:16 |                                                                          | YP\AJ    | Ok     |
| 2   | AR1660CCC500 | AR1660CCC500       | PP071599.D     | 29 Apr 2025 10:33 |                                                                          | YP\AJ    | Ok     |
| 3   | AR1242CCC500 | AR1242CCC500       | PP071600.D     | 29 Apr 2025 10:51 |                                                                          | YP\AJ    | Ok     |
| 4   | AR1248CCC500 | AR1248CCC500       | PP071601.D     | 29 Apr 2025 11:07 |                                                                          | YP\AJ    | Ok     |
| 5   | AR1254CCC500 | AR1254CCC500       | PP071602.D     | 29 Apr 2025 11:24 |                                                                          | YP\AJ    | Ok     |
| 6   | I.BLK        | I.BLK              | PP071603.D     | 29 Apr 2025 11:40 |                                                                          | YP\AJ    | Ok     |
| 7   | Q1860-35DL   | P001-SS029-01DL    | PP071604.D     | 29 Apr 2025 11:56 | AR1248+AR1254+AR1260 Hit                                                 | YP\AJ    | Ok,M   |
| 8   | Q1884-01DL   | P001-SS037-01DL    | PP071605.D     | 29 Apr 2025 12:12 | AR1248 + AR1254 + AR1260 Hit, DCB High in both col, TCMX High in 2nd col | YP\AJ    | Ok,M   |
| 9   | Q1884-02DL   | P001-SS038-01DL    | PP071606.D     | 29 Apr 2025 12:29 | AR1254 + AR1260 Hit, DCB High in both col                                | YP\AJ    | Ok,M   |
| 10  | PB167776BL   | PB167776BL         | PP071607.D     | 29 Apr 2025 13:30 |                                                                          | YP\AJ    | Ok     |
| 11  | PB167776BS   | PB167776BS         | PP071608.D     | 29 Apr 2025 13:46 |                                                                          | YP\AJ    | Ok     |
| 12  | Q1883-01     | OU4-PCS-TC-27-0423 | PP071609.D     | 29 Apr 2025 14:02 |                                                                          | YP\AJ    | Ok,M   |
| 13  | Q1883-03     | OU4-PCS-TC-28-0423 | PP071610.D     | 29 Apr 2025 14:19 |                                                                          | YP\AJ    | Ok     |
| 14  | Q1883-05     | OU4-PCS-TC-29-0423 | PP071611.D     | 29 Apr 2025 14:35 |                                                                          | YP\AJ    | Ok     |
| 15  | Q1883-07     | OU4-PCS-TC-30-0423 | PP071612.D     | 29 Apr 2025 14:51 |                                                                          | YP\AJ    | Ok     |
| 16  | Q1883-09     | OU4-PCS-TC-31-0423 | PP071613.D     | 29 Apr 2025 15:08 |                                                                          | YP\AJ    | Ok     |
| 17  | AR1660CCC500 | AR1660CCC500       | PP071614.D     | 29 Apr 2025 16:29 |                                                                          | YP\AJ    | Ok     |

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP042925**

|                                         |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                               | yogesh                                                                                                                                                                                                                                                                                                                          | Review On         | 4/29/2025 11:08:35 AM         |
| Supervise By                            | mohammad                                                                                                                                                                                                                                                                                                                        | Supervise On      | 5/2/2025 2:54:00 AM           |
| SubDirectory                            | PP042925                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PP042225 |
| <b>STD. NAME</b>                        | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                |                   |                               |
| Tune/Reschk<br>Initial Calibration Stds | PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 |                   |                               |
| CCC                                     | PP24332,PP24347,PP24352,PP24357                                                                                                                                                                                                                                                                                                 |                   |                               |
| Internal Standard/PEM                   |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| ICV/I.BLK                               | PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387                                                                                                                                                                                         |                   |                               |
| Surrogate Standard                      |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| MS/MSD Standard                         |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| LCS Standard                            |                                                                                                                                                                                                                                                                                                                                 |                   |                               |

|    |              |                     |            |                   |  |       |      |
|----|--------------|---------------------|------------|-------------------|--|-------|------|
| 18 | AR1242CCC500 | AR1242CCC500        | PP071615.D | 29 Apr 2025 17:02 |  | YPIAJ | Ok   |
| 19 | AR1248CCC500 | AR1248CCC500        | PP071616.D | 29 Apr 2025 17:18 |  | YPIAJ | Ok   |
| 20 | AR1254CCC500 | AR1254CCC500        | PP071617.D | 29 Apr 2025 17:34 |  | YPIAJ | Ok   |
| 21 | I.BLK        | I.BLK               | PP071618.D | 29 Apr 2025 17:51 |  | YPIAJ | Ok   |
| 22 | Q1883-11     | OU4-PCS-TC-32-04232 | PP071619.D | 29 Apr 2025 18:07 |  | YPIAJ | Ok   |
| 23 | Q1883-13     | OU4-VSL-18-042325   | PP071620.D | 29 Apr 2025 18:23 |  | YPIAJ | Ok   |
| 24 | Q1883-15     | OU4-VSL-19-042325   | PP071621.D | 29 Apr 2025 18:40 |  | YPIAJ | Ok   |
| 25 | Q1901-02     | B-167-SB01          | PP071622.D | 29 Apr 2025 18:56 |  | YPIAJ | Ok,M |
| 26 | Q1901-04     | B-167-SB02          | PP071623.D | 29 Apr 2025 19:12 |  | YPIAJ | Ok   |
| 27 | PB167782BL   | PB167782BL          | PP071624.D | 29 Apr 2025 19:29 |  | YPIAJ | Ok   |
| 28 | PB167782BS   | PB167782BS          | PP071625.D | 29 Apr 2025 19:45 |  | YPIAJ | Ok   |
| 29 | PB167782BSD  | PB167782BSD         | PP071626.D | 29 Apr 2025 20:01 |  | YPIAJ | Ok   |
| 30 | Q1890-01     | TW-WTS-07           | PP071627.D | 29 Apr 2025 20:18 |  | YPIAJ | Ok   |
| 31 | Q1896-03     | 295-BERGEN-FRAC     | PP071628.D | 29 Apr 2025 20:34 |  | YPIAJ | Ok,M |
| 32 | AR1660CCC500 | AR1660CCC500        | PP071629.D | 29 Apr 2025 21:55 |  | YPIAJ | Ok   |
| 33 | AR1242CCC500 | AR1242CCC500        | PP071630.D | 29 Apr 2025 22:28 |  | YPIAJ | Ok   |
| 34 | AR1248CCC500 | AR1248CCC500        | PP071631.D | 29 Apr 2025 22:44 |  | YPIAJ | Ok   |
| 35 | AR1254CCC500 | AR1254CCC500        | PP071632.D | 29 Apr 2025 23:01 |  | YPIAJ | Ok,M |
| 36 | I.BLK        | I.BLK               | PP071633.D | 29 Apr 2025 23:17 |  | YPIAJ | Ok   |

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP042925**

| Review By                | yogesh                                                                                                                                                                                                                                                                                                                                  | Review On         | 4/29/2025 11:08:35 AM         |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                                | Supervise On      | 5/2/2025 2:54:00 AM           |
| SubDirectory             | PP042925                                                                                                                                                                                                                                                                                                                                | HP Acquire Method | HP Processing Method PP042225 |
| STD. NAME                | STD REF.#                                                                                                                                                                                                                                                                                                                               |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| Initial Calibration Stds | PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P<br>P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP<br>24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 |                   |                               |
| CCC                      | PP24332,PP24347,PP24352,PP24357                                                                                                                                                                                                                                                                                                         |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| ICV/I.BLK                | PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387                                                                                                                                                                                                 |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                         |                   |                               |

M : Manual Integration

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP043025**

|              |          |                   |                               |
|--------------|----------|-------------------|-------------------------------|
| Review By    | yogesh   | Review On         | 4/30/2025 11:33:57 AM         |
| Supervise By | mohammad | Supervise On      | 5/2/2025 3:18:29 AM           |
| SubDirectory | PP043025 | HP Acquire Method | HP Processing Method PP042225 |

| STD. NAME                | STD REF.#                                                                                                                                                                                                                                                                                                                       |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |
| Initial Calibration Stds | PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 |
| CCC                      | PP24332,PP24347,PP24352,PP24357                                                                                                                                                                                                                                                                                                 |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |
| ICV/I.BLK                | PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387                                                                                                                                                                                         |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |

| Sr# | SampleID     | ClientID          | Data File Name | Date-Time         | Comment                      | Operator | Status   |
|-----|--------------|-------------------|----------------|-------------------|------------------------------|----------|----------|
| 1   | HEXANE       | HEXANE            | PP071634.D     | 30 Apr 2025 08:51 |                              | YP\AJ    | Ok       |
| 2   | AR1660CCC500 | AR1660CCC500      | PP071635.D     | 30 Apr 2025 09:07 |                              | YP\AJ    | Ok       |
| 3   | AR1242CCC500 | AR1242CCC500      | PP071636.D     | 30 Apr 2025 09:28 |                              | YP\AJ    | Ok       |
| 4   | AR1248CCC500 | AR1248CCC500      | PP071637.D     | 30 Apr 2025 09:45 |                              | YP\AJ    | Ok       |
| 5   | AR1254CCC500 | AR1254CCC500      | PP071638.D     | 30 Apr 2025 10:01 |                              | YP\AJ    | Ok,M     |
| 6   | I.BLK        | I.BLK             | PP071639.D     | 30 Apr 2025 10:17 |                              | YP\AJ    | Ok       |
| 7   | Q1867-01DL   | RBR200059DL       | PP071640.D     | 30 Apr 2025 11:09 | AR1248 + AR1254 Hit          | YP\AJ    | Ok,M     |
| 8   | PB167794BL   | PB167794BL        | PP071641.D     | 30 Apr 2025 12:39 |                              | YP\AJ    | Ok       |
| 9   | PB167794BS   | PB167794BS        | PP071642.D     | 30 Apr 2025 12:56 |                              | YP\AJ    | Ok       |
| 10  | Q1901-03     | B-170-SB01        | PP071643.D     | 30 Apr 2025 13:12 |                              | YP\AJ    | Ok,M     |
| 11  | Q1905-01     | MH-G              | PP071644.D     | 30 Apr 2025 13:28 |                              | YP\AJ    | Ok,M     |
| 12  | Q1860-09     | P001-SS006-01     | PP071645.D     | 30 Apr 2025 13:44 | AR1260 Hit, Need 5X Dilution | YP\AJ    | Dilution |
| 13  | Q1860-09DL   | P001-SS006-01DL   | PP071646.D     | 30 Apr 2025 14:01 | AR1260 Hit                   | YP\AJ    | Ok,M     |
| 14  | Q1910-01     | MOO-25-0123-27    | PP071647.D     | 30 Apr 2025 14:33 |                              | YP\AJ    | Ok,M     |
| 15  | Q1910-01MS   | MOO-25-0123-27MS  | PP071648.D     | 30 Apr 2025 14:49 |                              | YP\AJ    | Ok,M     |
| 16  | Q1910-01MSD  | MOO-25-0123-27MSD | PP071649.D     | 30 Apr 2025 15:05 |                              | YP\AJ    | Ok,M     |
| 17  | AR1660CCC500 | AR1660CCC500      | PP071650.D     | 30 Apr 2025 16:11 |                              | YP\AJ    | Ok       |
| 18  | AR1242CCC500 | AR1242CCC500      | PP071651.D     | 30 Apr 2025 16:27 |                              | YP\AJ    | Ok       |

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP043025**

|                                         |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                               | yogesh                                                                                                                                                                                                                                                                                                                                  | Review On         | 4/30/2025 11:33:57 AM         |
| Supervise By                            | mohammad                                                                                                                                                                                                                                                                                                                                | Supervise On      | 5/2/2025 3:18:29 AM           |
| SubDirectory                            | PP043025                                                                                                                                                                                                                                                                                                                                | HP Acquire Method | HP Processing Method PP042225 |
| <b>STD. NAME</b>                        | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                        |                   |                               |
| Tune/Reschk<br>Initial Calibration Stds | PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P<br>P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP<br>24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 |                   |                               |
| CCC                                     | PP24332,PP24347,PP24352,PP24357                                                                                                                                                                                                                                                                                                         |                   |                               |
| Internal Standard/PEM                   |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| ICV/I.BLK                               | PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387                                                                                                                                                                                                 |                   |                               |
| Surrogate Standard                      |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| MS/MSD Standard                         |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| LCS Standard                            |                                                                                                                                                                                                                                                                                                                                         |                   |                               |

|    |              |                |            |                   |                      |       |      |
|----|--------------|----------------|------------|-------------------|----------------------|-------|------|
| 19 | AR1248CCC500 | AR1248CCC500   | PP071652.D | 30 Apr 2025 16:43 |                      | YPIAJ | Ok   |
| 20 | AR1254CCC500 | AR1254CCC500   | PP071653.D | 30 Apr 2025 17:00 |                      | YPIAJ | Ok,M |
| 21 | I.BLK        | I.BLK          | PP071654.D | 30 Apr 2025 17:16 |                      | YPIAJ | Ok   |
| 22 | Q1911-01     | EO-03-04292025 | PP071655.D | 30 Apr 2025 17:33 |                      | YPIAJ | Ok,M |
| 23 | Q1912-01     | MH-E           | PP071656.D | 30 Apr 2025 17:49 |                      | YPIAJ | Ok,M |
| 24 | Q1912-05     | MH-F           | PP071657.D | 30 Apr 2025 18:06 |                      | YPIAJ | Ok,M |
| 25 | Q1905-05     | MH-H           | PP071658.D | 30 Apr 2025 18:22 |                      | YPIAJ | Ok,M |
| 26 | Q1907-01     | CO-8R-WC       | PP071659.D | 30 Apr 2025 18:38 | AR1254 & AR1260 hits | YPIAJ | Ok,M |
| 27 | Q1921-01     | BC226751-1-1   | PP071660.D | 30 Apr 2025 18:55 |                      | YPIAJ | Ok,M |
| 28 | Q1921-02     | BC226751-1-2   | PP071661.D | 30 Apr 2025 19:11 |                      | YPIAJ | Ok,M |
| 29 | Q1921-03     | BC274768-1-1   | PP071662.D | 30 Apr 2025 19:27 |                      | YPIAJ | Ok,M |
| 30 | Q1921-04     | BC274768-1-2   | PP071663.D | 30 Apr 2025 19:44 |                      | YPIAJ | Ok,M |
| 31 | Q1921-05     | BC271327-1-1   | PP071664.D | 30 Apr 2025 20:00 |                      | YPIAJ | Ok,M |
| 32 | AR1660CCC500 | AR1660CCC500   | PP071665.D | 30 Apr 2025 21:38 |                      | YPIAJ | Ok   |
| 33 | AR1242CCC500 | AR1242CCC500   | PP071666.D | 30 Apr 2025 22:11 |                      | YPIAJ | Ok   |
| 34 | AR1248CCC500 | AR1248CCC500   | PP071667.D | 30 Apr 2025 22:27 |                      | YPIAJ | Ok   |
| 35 | AR1254CCC500 | AR1254CCC500   | PP071668.D | 30 Apr 2025 22:44 |                      | YPIAJ | Ok,M |
| 36 | I.BLK        | I.BLK          | PP071669.D | 30 Apr 2025 23:00 |                      | YPIAJ | Ok,M |
| 37 | PB167809BL   | PB167809BL     | PP071670.D | 30 Apr 2025 23:16 |                      | YPIAJ | Ok   |

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP043025**

|                          |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                                                                                                                                                                                                                                                                  | Review On         | 4/30/2025 11:33:57 AM         |
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                                | Supervise On      | 5/2/2025 3:18:29 AM           |
| SubDirectory             | PP043025                                                                                                                                                                                                                                                                                                                                | HP Acquire Method | HP Processing Method PP042225 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                        |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| Initial Calibration Stds | PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P<br>P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP<br>24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 |                   |                               |
| CCC                      | PP24332,PP24347,PP24352,PP24357                                                                                                                                                                                                                                                                                                         |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| ICV/I.BLK                | PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387                                                                                                                                                                                                 |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                         |                   |                               |

|    |              |              |            |                   |                        |       |      |
|----|--------------|--------------|------------|-------------------|------------------------|-------|------|
| 38 | PB167809BS   | PB167809BS   | PP071671.D | 30 Apr 2025 23:33 |                        | YPIAJ | Ok   |
| 39 | Q1921-06     | BC271327-1-2 | PP071672.D | 30 Apr 2025 23:49 |                        | YPIAJ | Ok   |
| 40 | Q1921-07     | BC248150-1-1 | PP071673.D | 01 May 2025 00:05 | DCB high in 1st column | YPIAJ | Ok,M |
| 41 | Q1921-08     | BC248150-1-2 | PP071674.D | 01 May 2025 00:22 | DCB high in 2nd column | YPIAJ | Ok,M |
| 42 | AR1660CCC500 | AR1660CCC500 | PP071675.D | 01 May 2025 02:00 |                        | YPIAJ | Ok   |
| 43 | AR1242CCC500 | AR1242CCC500 | PP071676.D | 01 May 2025 02:49 |                        | YPIAJ | Ok,M |
| 44 | AR1248CCC500 | AR1248CCC500 | PP071677.D | 01 May 2025 03:05 |                        | YPIAJ | Ok   |
| 45 | AR1254CCC500 | AR1254CCC500 | PP071678.D | 01 May 2025 03:21 |                        | YPIAJ | Ok,M |
| 46 | I.BLK        | I.BLK        | PP071679.D | 01 May 2025 03:38 |                        | YPIAJ | Ok,M |

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona  
Analyst: jignesh  
Date: 4/29/2025

OVENTEMP IN Celsius(°C): 107  
Time IN: 17:25  
In Date: 04/28/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103  
Time OUT: 08:37  
Out Date: 04/29/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
BalanceID: M SC-4  
Thermometer ID: % SOLID- OVEN

QC:LB135575

| Lab ID   | Client SampleID    | Dish # | Dish Wt(g) (A) | Sample Wt(g) | Dish + Sample Wt(g) (B) | Dish+Dry Sample Wt(g) (C) | % Solid | Comments |
|----------|--------------------|--------|----------------|--------------|-------------------------|---------------------------|---------|----------|
| Q1872-24 | HW0425-PT-SOL-SOIL | 8      | 0.92           | 10.30        | 11.22                   | 8.82                      | 76.7    |          |
| Q1901-01 | B-170-SB00         | 1      | 1.14           | 5.55         | 6.69                    | 6.28                      | 92.6    |          |
| Q1901-02 | B-167-SB01         | 2      | 1.14           | 10.22        | 11.36                   | 9.58                      | 82.6    |          |
| Q1901-03 | B-170-SB01         | 3      | 1.19           | 10.31        | 11.5                    | 9.75                      | 83.0    |          |
| Q1901-04 | B-167-SB02         | 4      | 1.15           | 9.78         | 10.93                   | 6.35                      | 53.2    |          |
| Q1901-05 | B-170-SB02         | 5      | 1.14           | 10.16        | 11.3                    | 8.77                      | 75.1    |          |
| Q1902-01 | 343                | 6      | 1.19           | 10.23        | 11.42                   | 10.7                      | 93.0    |          |
| Q1902-02 | 343                | 7      | 1.13           | 10.19        | 11.32                   | 10.33                     | 90.3    |          |
| Q1903-01 | COMP-4             | 9      | 1.18           | 11.14        | 12.32                   | 10.46                     | 83.3    |          |
| Q1903-02 | COMP-5             | 10     | 1.16           | 10.50        | 11.66                   | 9.44                      | 78.9    |          |
| Q1903-03 | COMP-6             | 11     | 1.17           | 10.60        | 11.77                   | 10.06                     | 83.9    |          |
| Q1904-01 | VNJ-210            | 12     | 1.19           | 10.39        | 11.58                   | 10.6                      | 90.6    |          |
| Q1905-01 | MH-G               | 13     | 1.15           | 10.35        | 11.5                    | 10.38                     | 89.2    |          |
| Q1905-02 | MH-G-EPH           | 14     | 1.16           | 9.65         | 10.81                   | 9.71                      | 88.6    |          |
| Q1905-03 | MH-G-VOC           | 15     | 1.16           | 10.33        | 11.49                   | 10.36                     | 89.1    |          |
| Q1905-05 | MH-H               | 16     | 1.12           | 10.03        | 11.15                   | 10.5                      | 93.5    |          |
| Q1905-06 | MH-H-EPH           | 17     | 1.13           | 10.30        | 11.43                   | 10.5                      | 91.0    |          |
| Q1905-07 | MH-H-VOC           | 18     | 1.12           | 10.03        | 11.15                   | 10.01                     | 88.6    |          |
| Q1906-01 | WC-4               | 19     | 1.15           | 9.85         | 11.00                   | 10.14                     | 91.3    |          |
| Q1906-02 | WC-4-EPH           | 20     | 1.16           | 9.97         | 11.13                   | 10.17                     | 90.4    |          |
| Q1906-03 | WC-4-VOC           | 21     | 1.18           | 9.99         | 11.17                   | 9.91                      | 87.4    |          |
| Q1906-05 | WC-5               | 22     | 1.16           | 10.82        | 11.98                   | 10.19                     | 83.5    |          |
| Q1906-06 | WC-5-EPH           | 23     | 1.13           | 10.41        | 11.54                   | 9.94                      | 84.6    |          |
| Q1906-07 | WC-5-VOC           | 24     | 1.18           | 10.47        | 11.65                   | 11.63                     | 99.8    |          |
| Q1906-09 | WC-6               | 25     | 1.14           | 10.04        | 11.18                   | 10.4                      | 92.2    |          |
| Q1906-10 | WC-6-EPH           | 26     | 1.15           | 10.77        | 11.92                   | 10.23                     | 84.3    |          |
| Q1906-11 | WC-6-VOC           | 27     | 1.14           | 10.47        | 11.61                   | 10.86                     | 92.8    |          |
| Q1906-13 | WC-7               | 28     | 1.14           | 10.85        | 11.99                   | 10.31                     | 84.5    |          |



PERCENT SOLID

Supervisor: Iwona  
Analyst: jignesh  
Date: 4/29/2025

OVENTEMP IN Celsius(°C): 107  
Time IN: 17:25  
In Date: 04/28/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103  
Time OUT: 08:37  
Out Date: 04/29/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
BalanceID: M SC-4  
Thermometer ID: % SOLID- OVEN

QC:LB135575

| Lab ID   | Client SampleID | Dish # | Dish Wt (g) (A) | Sample Wt (g) | Dish + Sample Wt (g) (B) | Dish+Dry Sample Wt (g) (C) | % Solid | Comments |
|----------|-----------------|--------|-----------------|---------------|--------------------------|----------------------------|---------|----------|
| Q1906-14 | WC-7-EPH        | 29     | 1.12            | 9.86          | 10.98                    | 9.7                        | 87.0    |          |
| Q1906-15 | WC-7-VOC        | 30     | 1.13            | 10.27         | 11.4                     | 10.23                      | 88.6    |          |
| Q1907-01 | CO-8R-WC        | 31     | 1.13            | 10.26         | 11.39                    | 9.81                       | 84.6    |          |

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$



# WORKLIST(Hardcopy Internal Chain)

135545

WorkList Name : %1-042825

WorkList ID : 189159

Department : Wet-Chemistry

Date : 04-28-2025 07:59:12

| Sample   | Customer Sample    | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|--------------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q1872-24 | HW0425-PT-SOL-SOIL | Solid  | Percent Solids | Cool 4 deg C | ALLI03   | QA Of                       | 04/21/2025   | Chemtech -SO |
| Q1903-01 | COMP-4             | Solid  | Percent Solids | Cool 4 deg C | POWE02   | L51                         | 04/25/2025   | Chemtech -SO |
| Q1903-02 | COMP-5             | Solid  | Percent Solids | Cool 4 deg C | POWE02   | L51                         | 04/25/2025   | Chemtech -SO |
| Q1903-03 | COMP-6             | Solid  | Percent Solids | Cool 4 deg C | POWE02   | L51                         | 04/25/2025   | Chemtech -SO |
| Q1901-01 | B-170-SB00         | Solid  | Percent Solids | Cool 4 deg C | PORT06   | L51                         | 04/26/2025   | Chemtech -SO |
| Q1901-02 | B-167-SB01         | Solid  | Percent Solids | Cool 4 deg C | PORT06   | L51                         | 04/26/2025   | Chemtech -SO |
| Q1901-03 | B-170-SB01         | Solid  | Percent Solids | Cool 4 deg C | PORT06   | L51                         | 04/26/2025   | Chemtech -SO |
| Q1901-04 | B-167-SB02         | Solid  | Percent Solids | Cool 4 deg C | PORT06   | L51                         | 04/26/2025   | Chemtech -SO |
| Q1901-05 | B-170-SB02         | Solid  | Percent Solids | Cool 4 deg C | PORT06   | L51                         | 04/26/2025   | Chemtech -SO |
| Q1902-01 | 343                | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L41                         | 04/28/2025   | Chemtech -SO |
| Q1902-02 | 343                | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L41                         | 04/28/2025   | Chemtech -SO |
| Q1904-01 | VNJ-210            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L41                         | 04/28/2025   | Chemtech -SO |
| Q1905-01 | MH-G               | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L51                         | 04/28/2025   | Chemtech -SO |
| Q1905-02 | MH-G-EPH           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L51                         | 04/28/2025   | Chemtech -SO |
| Q1905-03 | MH-G-VOC           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L51                         | 04/28/2025   | Chemtech -SO |
| Q1906-13 | WC-7               | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L41                         | 04/28/2025   | Chemtech -SO |
| Q1906-14 | WC-7-EPH           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L41                         | 04/28/2025   | Chemtech -SO |
| Q1906-15 | WC-7-VOC           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L41                         | 04/28/2025   | Chemtech -SO |
| Q1906-05 | WC-5               | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L41                         | 04/28/2025   | Chemtech -SO |
| Q1906-06 | WC-5-EPH           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L41                         | 04/28/2025   | Chemtech -SO |
| Q1906-07 | WC-5-VOC           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L41                         | 04/28/2025   | Chemtech -SO |

Date/Time 04/28/25 16:15  
 Raw Sample Received by: [Signature]  
 Raw Sample Relinquished by: [Signature]

Date/Time 04/28/25 17:30  
 Raw Sample Received by: [Signature]  
 Raw Sample Relinquished by: [Signature]

# WORKLIST(Hardcopy Internal Chain)

*Handwritten signature*

WorkList Name : %1-042825      WorkList ID : 189159      Department : Wet-Chemistry      Date : 04-28-2025 07:59:12

| Sample   | Customer Sample | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|-----------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q1906-09 | WC-6            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L41                         | 04/28/2025   | Chemtech -SO |
| Q1906-10 | WC-6-EPH        | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L41                         | 04/28/2025   | Chemtech -SO |
| Q1906-11 | WC-6-VOC        | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L41                         | 04/28/2025   | Chemtech -SO |
| Q1905-05 | MH-H            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L51                         | 04/28/2025   | Chemtech -SO |
| Q1905-06 | MH-H-EPH        | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L51                         | 04/28/2025   | Chemtech -SO |
| Q1905-07 | MH-H-VOC        | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L51                         | 04/28/2025   | Chemtech -SO |
| Q1906-01 | WC-4            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L41                         | 04/28/2025   | Chemtech -SO |
| Q1906-02 | WC-4-EPH        | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L41                         | 04/28/2025   | Chemtech -SO |
| Q1906-03 | WC-4-VOC        | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | L41                         | 04/28/2025   | Chemtech -SO |
| Q1907-01 | CO-8R-WC        | Solid  | Percent Solids | Cool 4 deg C | WALS01   | L51                         | 04/28/2025   | Chemtech -SO |

Date/Time 04/28/25 16:15  
 Raw Sample Received by: *Handwritten signature*  
 Raw Sample Relinquished by: *Handwritten signature*

Date/Time 04/28/25 17:30  
 Raw Sample Received by: *Handwritten signature*  
 Raw Sample Relinquished by: *Handwritten signature*

|                           |                                            |                                                   |                                             |
|---------------------------|--------------------------------------------|---------------------------------------------------|---------------------------------------------|
| <b>SOP ID:</b>            | M3541-ASE Extraction-14                    |                                                   |                                             |
| <b>Clean Up SOP #:</b>    | Acid Cleanup                               | <b>Extraction Start Date :</b>                    | 04/29/2025                                  |
| <b>Matrix :</b>           | Solid                                      | <b>Extraction Start Time :</b>                    | 08:35                                       |
| <b>Weigh By:</b>          | EH                                         | <b>Extraction By:</b>                             | RJ                                          |
| <b>Balance check:</b>     | RJ                                         | <b>Filter By:</b>                                 | RJ                                          |
| <b>Balance ID:</b>        | EX-SC-2                                    | <b>pH Meter ID:</b>                               | N/A                                         |
| <b>pH Strip Lot#:</b>     | N/A                                        | <b>Hood ID:</b>                                   | 3,7                                         |
| <b>Extraction Method:</b> | <input type="checkbox"/> Separatory Funnel | <input type="checkbox"/> Continuous Liquid/Liquid | <input type="checkbox"/> Sonication         |
|                           |                                            | <input type="checkbox"/> Waste Dilution           | <input checked="" type="checkbox"/> Soxhlet |
|                           |                                            | <b>Extraction End Date :</b>                      | 04/29/2025                                  |
|                           |                                            | <b>Extraction End Time :</b>                      | 11:35                                       |
|                           |                                            | <b>Concentration By:</b>                          | EH                                          |
|                           |                                            | <b>Supervisor By :</b>                            | RUPESH                                      |

| Standardized Name | MLS USED | Concentration ug/mL | STD REF. # FROM LOG |
|-------------------|----------|---------------------|---------------------|
| Spike Sol 1       | 1.0ML    | 5000 PPB            | PP24461             |
| Surrogate         | 1.0ML    | 200 PPB             | PP24460             |
| N/A               | N/A      | N/A                 | N/A                 |
| N/A               | N/A      | N/A                 | N/A                 |
| N/A               | N/A      | N/A                 | N/A                 |

| Chemical Used      | ML/SAMPLE USED | Lot Number |
|--------------------|----------------|------------|
| Hexane/Acetone/1:1 | N/A            | EP2601     |
| Baked Na2SO4       | N/A            | EP2607     |
| Sand               | N/A            | E2865      |
| Hexane             | N/A            | E3928      |
| H2SO4 1:1          | N/A            | EP2565     |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |

**Extraction Conformance/Non-Conformance Comments:**

40 ML Vial lot# 03-40 BTS723.

|                             |     |                           |          |
|-----------------------------|-----|---------------------------|----------|
| <b>KD Bath ID:</b>          | N/A | <b>Envap ID:</b>          | NEVAP-02 |
| <b>KD Bath Temperature:</b> | N/A | <b>Envap Temperature:</b> | 40 °C    |

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|-------------|-----------------------------------------|----------------------|
| 4/29/25     | RS (Ext. Lab)                           | R. P. 81/PLB Lab     |
| 11:40       | Preparation Group                       | Analysis Group       |

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 04/29/2025

| Sample ID       | Client Sample ID         | Test       | g/ mL | PH  | Surr/Spike By: |            | Final Vol.<br>(mL) | JarID | Comments | Prep<br>Pos |
|-----------------|--------------------------|------------|-------|-----|----------------|------------|--------------------|-------|----------|-------------|
|                 |                          |            |       |     | AddedBy        | VerifiedBy |                    |       |          |             |
| PB167776BL      | ABLK776                  | PCB        | 30.01 | N/A | ritesh         | Evelyn     | 10                 |       |          | U7-1        |
| PB167776BS      | ALCS776                  | PCB        | 30.03 | N/A | ritesh         | Evelyn     | 10                 |       |          | 2           |
| Q1883-01        | OU4-PCS-TC-27-042325     | PCB        | 30.05 | N/A | ritesh         | Evelyn     | 10                 | E     |          | 3           |
| Q1883-03        | OU4-PCS-TC-28-042325     | PCB        | 30.06 | N/A | ritesh         | Evelyn     | 10                 | E     |          | 4           |
| Q1883-05        | OU4-PCS-TC-29-042325     | PCB        | 30.02 | N/A | ritesh         | Evelyn     | 10                 | E     |          | 5           |
| Q1883-07        | OU4-PCS-TC-30-042325     | PCB        | 30.05 | N/A | ritesh         | Evelyn     | 10                 | E     |          | 6           |
| Q1883-09        | OU4-PCS-TC-31-042325     | PCB        | 30.08 | N/A | ritesh         | Evelyn     | 10                 | E     |          | U1-1        |
| Q1883-11        | OU4-PCS-TC-32-042325     | PCB        | 30.03 | N/A | ritesh         | Evelyn     | 10                 | E     |          | 2           |
| Q1883-13        | OU4-PCS-18-042325<br>VSL | PCB        | 30.06 | N/A | ritesh         | Evelyn     | 10                 | E     |          | 3           |
| Q1883-15        | OU4-PCS-19-042325<br>VSL | PCB        | 30.01 | N/A | ritesh         | Evelyn     | 10                 | E     |          | 4           |
| Q1901-02        | B-167-SB01               | PCB        | 30.07 | N/A | ritesh         | Evelyn     | 10                 | F     |          | 5           |
| Q1901-04        | B-167-SB02               | PCB        | 30.03 | N/A | ritesh         | Evelyn     | 10                 | E     |          | 6           |
| Q1901-05        | B-170-SB02               | PCB        | 30.04 | N/A | ritesh         | Evelyn     | 10                 | E     |          | U2-1        |
| Q1902-02        | 343                      | PCB        | 30.05 | N/A | ritesh         | Evelyn     | 10                 | D     |          | 2           |
| Q1903-01        | COMP-4                   | PCB Group1 | 30.02 | N/A | ritesh         | Evelyn     | 10                 | E     |          | 3           |
| Q1903-02        | COMP-5                   | PCB Group1 | 30.06 | N/A | ritesh         | Evelyn     | 10                 | E     |          | 4           |
| Q1903-03        | COMP-6                   | PCB Group1 | 30.08 | N/A | ritesh         | Evelyn     | 10                 | E     |          | 5           |
| Q1904-01        | VNJ-210                  | PCB        | 30.06 | N/A | ritesh         | Evelyn     | 10                 | H     |          | 6           |
| Q1904-01MS      | VNJ-210MS                | PCB        | 30.03 | N/A | ritesh         | Evelyn     | 10                 | H     |          | U3-1        |
| Q1904-01MS<br>D | VNJ-210MSD               | PCB        | 30.05 | N/A | ritesh         | Evelyn     | 10                 | H     |          | 2           |
| Q1906-01        | WC-4                     | PCB        | 30.04 | N/A | ritesh         | Evelyn     | 10                 | D     |          | 3           |
| Q1906-05        | WC-5                     | PCB        | 30.01 | N/A | ritesh         | Evelyn     | 10                 | D     |          | 4           |
| Q1906-09        | WC-6                     | PCB        | 30.09 | N/A | ritesh         | Evelyn     | 10                 | D     |          | 5           |
| Q1906-13        | WC-7                     | PCB        | 30.02 | N/A | ritesh         | Evelyn     | 10                 | D     |          | 6           |

\* Extracts relinquished on the same date as received.

## WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1883p

WorkList ID : 189197

Department : Extraction

Date : 04-29-2025 08:25:48

| Sample   | Customer Sample      | Matrix | Test       | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|----------|----------------------|--------|------------|--------------|----------|-----------------------------|--------------|--------|
| Q1883-01 | OU4-PCS-TC-27-042325 | Solid  | PCB        | Cool 4 deg C | NOBI03   | L41                         | 04/23/2025   | 8082A  |
| Q1883-03 | OU4-PCS-TC-28-042325 | Solid  | PCB        | Cool 4 deg C | NOBI03   | L41                         | 04/23/2025   | 8082A  |
| Q1883-05 | OU4-PCS-TC-29-042325 | Solid  | PCB        | Cool 4 deg C | NOBI03   | L41                         | 04/23/2025   | 8082A  |
| Q1883-07 | OU4-PCS-TC-30-042325 | Solid  | PCB        | Cool 4 deg C | NOBI03   | L41                         | 04/23/2025   | 8082A  |
| Q1883-09 | OU4-PCS-TC-31-042325 | Solid  | PCB        | Cool 4 deg C | NOBI03   | L41                         | 04/23/2025   | 8082A  |
| Q1883-11 | OU4-PCS-TC-32-042325 | Solid  | PCB        | Cool 4 deg C | NOBI03   | L41                         | 04/23/2025   | 8082A  |
| Q1883-13 | OU4-PCS-18-042325    | Solid  | PCB        | Cool 4 deg C | NOBI03   | L41                         | 04/23/2025   | 8082A  |
| Q1883-15 | OU4-PCS-19-042325    | Solid  | PCB        | Cool 4 deg C | NOBI03   | L41                         | 04/23/2025   | 8082A  |
| Q1901-02 | B-167-SB01           | Solid  | PCB        | Cool 4 deg C | PORT06   | L51                         | 04/26/2025   | 8082A  |
| Q1901-04 | B-167-SB02           | Solid  | PCB        | Cool 4 deg C | PORT06   | L51                         | 04/26/2025   | 8082A  |
| Q1901-05 | B-170-SB02           | Solid  | PCB        | Cool 4 deg C | PORT06   | L51                         | 04/26/2025   | 8082A  |
| Q1902-02 | 343                  | Solid  | PCB        | Cool 4 deg C | PSEG03   | L41                         | 04/28/2025   | 8082A  |
| Q1903-01 | COMP-4               | Solid  | PCB Group1 | Cool 4 deg C | POWE02   | L51                         | 04/25/2025   | 8082A  |
| Q1903-02 | COMP-5               | Solid  | PCB Group1 | Cool 4 deg C | POWE02   | L51                         | 04/25/2025   | 8082A  |
| Q1903-03 | COMP-6               | Solid  | PCB Group1 | Cool 4 deg C | POWE02   | L51                         | 04/25/2025   | 8082A  |
| Q1904-01 | VNJ-210              | Solid  | PCB        | Cool 4 deg C | PSEG03   | L41                         | 04/28/2025   | 8082A  |
| Q1906-01 | WC-4                 | Solid  | PCB        | Cool 4 deg C | PSEG03   | L41                         | 04/28/2025   | 8082A  |
| Q1906-05 | WC-5                 | Solid  | PCB        | Cool 4 deg C | PSEG03   | L41                         | 04/28/2025   | 8082A  |
| Q1906-09 | WC-6                 | Solid  | PCB        | Cool 4 deg C | PSEG03   | L41                         | 04/28/2025   | 8082A  |
| Q1906-13 | WC-7                 | Solid  | PCB        | Cool 4 deg C | PSEG03   | L41                         | 04/28/2025   | 8082A  |

Date/Time 04/29/25 8:27  
Raw Sample Received by: RS (FAT-146)  
Raw Sample Relinquished by: CR SR

Date/Time 04/29/25 9:00  
Raw Sample Received by: CR SR  
Raw Sample Relinquished by: RS (FAT-146)

SOP ID: M3510C,3580A-Extraction PCB-14

Clean Up SOP #: Acid Cleanup

Extraction Start Date : 04/29/2025

Matrix : Water

Extraction Start Time : 08:55

Weigh By: N/A

Extraction By: RS

Extraction End Date : 04/29/2025

Balance check: N/A

Filter By: RJ

Extraction End Time : 13:35

Balance ID: N/A

pH Meter ID: N/A

Concentration By: EH

pH Strip Lot#: E3880

Hood ID: 4,6,7

Supervisor By : RUPESH

Extraction Method: ☒ Separatory Funnel ☐ Continuous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet

| Standard Name | MLS USED | Concentration ug/mL | STD REF. # FROM LOG |
|---------------|----------|---------------------|---------------------|
| Spike Sol 1   | 1.0ML    | 5000 PPB            | PP24461             |
| Surrogate     | 1.0ML    | 200 PPB             | PP24460             |
| N/A           | N/A      | N/A                 | N/A                 |
| N/A           | N/A      | N/A                 | N/A                 |
| N/A           | N/A      | N/A                 | N/A                 |

| Chemical Used      | ML/SAMPLE USED | Lot Number |
|--------------------|----------------|------------|
| Methylene Chloride | N/A            | E3926      |
| Baked Na2SO4       | N/A            | EP2607     |
| Hexane             | N/A            | E3928      |
| H2SO4 1:1          | N/A            | EP2565     |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |

## Extraction Conformance/Non-Conformance Comments:

40 ML Vial lot# 03-40BTS723, Q1897-02 Used Limited volume as sample is oily. Q1890-01 pH Adjusted with 1:1 H2SO4.

KD Bath ID: WATER BATH-1,2

Envap ID: NEVAP-02

KD Bath Temperature: 60 °C

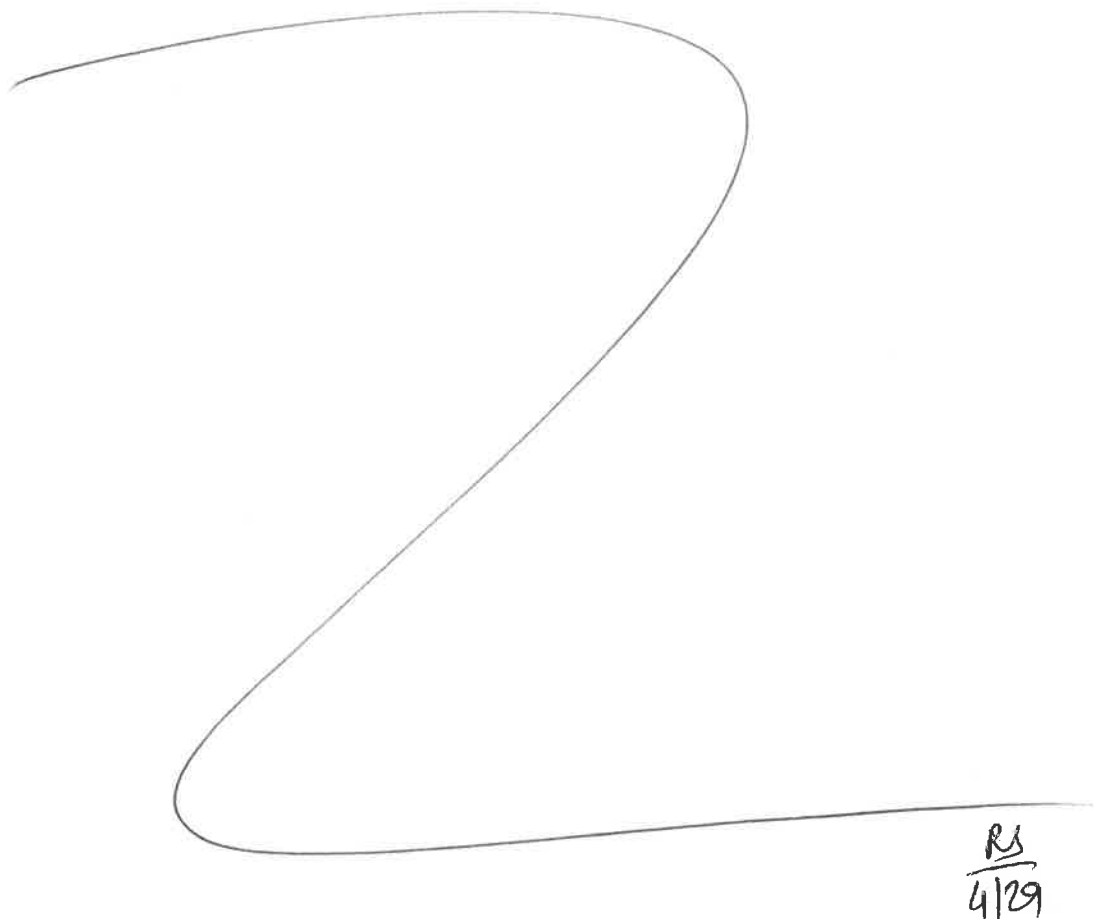
Envap Temperature: 40 °C

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|-------------|-----------------------------------------|----------------------|
| 4/29/25     | RS (E34-606)                            | Y.P. P. H. P. 40     |
| 13:40       | Preparation Group                       | Analysis Group       |

Analytical Method: M3510C,3580A-Extraction PCB-14

Concentration Date: 04/29/2025

| Sample ID       | Client Sample ID | Test | g / mL | PH | Surr/Spike By: |            | Final Vol.<br>(mL) | JarID | Comments | Prep<br>Pos |
|-----------------|------------------|------|--------|----|----------------|------------|--------------------|-------|----------|-------------|
|                 |                  |      |        |    | AddedBy        | VerifiedBy |                    |       |          |             |
| PB167782BL      | ABLK782          | PCB  | 1000   | 6  | RUPESH         | ritesh     | 10                 |       |          | SEP-1       |
| PB167782BS      | ALCS782          | PCB  | 1000   | 6  | RUPESH         | ritesh     | 10                 |       |          | 2           |
| PB167782BS<br>D | ALCSD782         | PCB  | 1000   | 6  | RUPESH         | ritesh     | 10                 |       |          | 3           |
| Q1890-01        | TW-WTS-07        | PCB  | 960    | 12 | RUPESH         | ritesh     | 10                 | G     |          | 4           |
| Q1896-03        | 295-BERGEN-FRAC  | PCB  | 990    | 6  | RUPESH         | ritesh     | 10                 | E     |          | 5           |
| Q1897-01        | 40125            | PCB  | 980    | 6  | RUPESH         | ritesh     | 10                 | C     |          | 6           |
| Q1897-02        | 41425            | PCB  | 100    | 6  | RUPESH         | ritesh     | 10                 | C     | Oily     | 7           |
| Q1901-06        | FB04262025       | PCB  | 870    | 6  | RUPESH         | ritesh     | 10                 | H     |          | 8           |



RS  
4/29

167782  
8:57

# WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1897      WorkList ID : 189202      Department : Extraction      Date : 04-29-2025 08:38:28

| Sample   | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|----------|-----------------|--------|------|--------------|----------|-----------------------------|--------------|--------|
| Q1890-01 | TW-WTS-07       | Water  | PCB  | Cool 4 deg C | ENTA05   | L41                         | 04/24/2025   | 8082A  |
| Q1896-03 | 295-BERGEN-FRAC | Water  | PCB  | Cool 4 deg C | PSEG03   | L31                         | 04/25/2025   | 8082A  |
| Q1897-01 | 40125           | Water  | PCB  | Cool 4 deg C | PSEG03   | L41                         | 04/25/2025   | 8082A  |
| Q1897-02 | 41425           | Water  | PCB  | Cool 4 deg C | PSEG03   | L41                         | 04/25/2025   | 8082A  |
| Q1901-06 | FB04262025      | Water  | PCB  | Cool 4 deg C | PORT06   | L51                         | 04/26/2025   | 8082A  |

Date/Time 4/29/25 8:50  
Raw Sample Received by: RJ (CA-166)  
Raw Sample Relinquished by: [Signature]

Date/Time 4/29/25 9:25  
Raw Sample Received by: [Signature]  
Raw Sample Relinquished by: RJ (CA-166)



**SOP ID:** M3541-ASE Extraction-14

**Clean Up SOP #:** Acid Cleanup **Extraction Start Date :** 04/30/2025

**Matrix :** Solid **Extraction Start Time :** 08:35

**Weigh By:** EH **Extraction By:** RJ **Extraction End Date :** 04/30/2025

**Balance check:** RJ **Filter By:** RJ **Extraction End Time :** 11:35

**Balance ID:** EX-SC-2 **pH Meter ID:** N/A **Concentration By:** EH

**pH Strip Lot#:** N/A **Hood ID:** 3,7 **Supervisor By :** RUPESH

**Extraction Method:** ☐ Separatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☒ Soxhlet

| Standard Name | MLS USED | Concentration ug/mL | STD REF. # FROM LOG |
|---------------|----------|---------------------|---------------------|
| Spike Sol 1   | 1.0ML    | 5000 PPB            | PP24461             |
| Surrogate     | 1.0ML    | 200 PPB             | PP24460             |
| N/A           | N/A      | N/A                 | N/A                 |
| N/A           | N/A      | N/A                 | N/A                 |
| N/A           | N/A      | N/A                 | N/A                 |

| Chemical Used      | ML/SAMPLE USED | Lot Number |
|--------------------|----------------|------------|
| Hexane/Acetone/1:1 | N/A            | EP2601     |
| Baked Na2SO4       | N/A            | EP2607     |
| Sand               | N/A            | E2865      |
| Hexane             | N/A            | E3928      |
| H2SO4 1:1          | N/A            | EP2565     |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |

**Extraction Conformance/Non-Conformance Comments:**

40 ML Vial lot# 03-40 BTS723.

**KD Bath ID:** N/A **Envap ID:** NEVAP-02

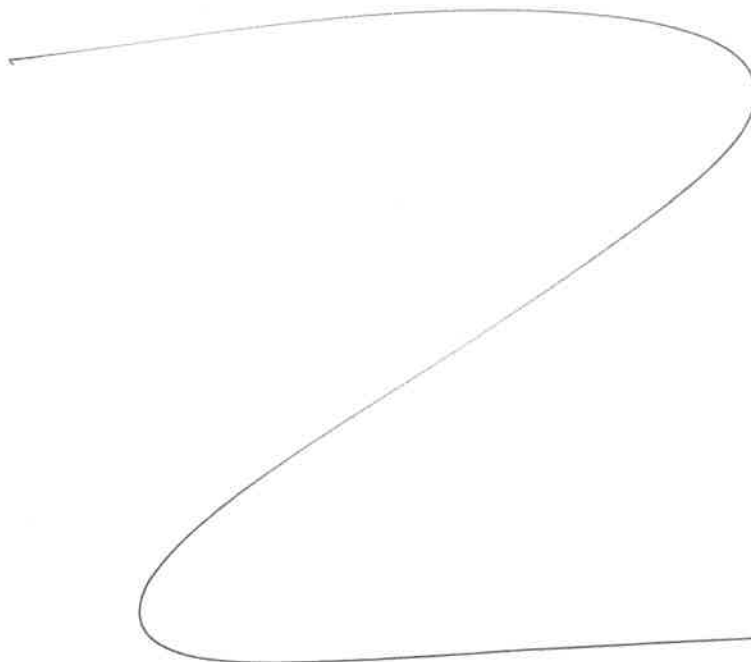
**KD Bath Temperature:** N/A **Envap Temperature:** 40 °C

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|-------------|-----------------------------------------|----------------------|
| 4/30/25     | RS (Ext Lab)                            | R. Post-PLB Lab      |
| 11:40       | Preparation Group                       | Analysis Group       |

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 04/30/2025

| Sample ID       | Client Sample ID  | Test | g/ mL | PH  | Surr/Spike By: |            | Final Vol.<br>(mL) | JarID | Comments | Prep<br>Pos |
|-----------------|-------------------|------|-------|-----|----------------|------------|--------------------|-------|----------|-------------|
|                 |                   |      |       |     | AddedBy        | VerifiedBy |                    |       |          |             |
| PB167794BL      | ABLK794           | PCB  | 30.01 | N/A | ritesh         | Evelyn     | 10                 |       |          | U7-1        |
| PB167794BS      | ALCS794           | PCB  | 30.03 | N/A | ritesh         | Evelyn     | 10                 |       |          | 2           |
| Q1901-03        | B-170-SB01        | PCB  | 30.04 | N/A | ritesh         | Evelyn     | 10                 | E     |          | 3           |
| Q1905-01        | MH-G              | PCB  | 30.09 | N/A | ritesh         | Evelyn     | 10                 | D     |          | 4           |
| Q1905-05        | MH-H              | PCB  | 30.04 | N/A | ritesh         | Evelyn     | 10                 | D     |          | 5           |
| Q1907-01        | CO-8R-WC          | PCB  | 30.03 | N/A | ritesh         | Evelyn     | 10                 | D     |          | 6           |
| Q1910-01        | MOO-25-0123-27    | PCB  | 30.08 | N/A | ritesh         | Evelyn     | 10                 | E     |          | U1-1        |
| Q1910-01MS      | MOO-25-0123-27MS  | PCB  | 30.02 | N/A | ritesh         | Evelyn     | 10                 | E     |          | 2           |
| Q1910-01MS<br>D | MOO-25-0123-27MSD | PCB  | 30.06 | N/A | ritesh         | Evelyn     | 10                 | E     |          | 3           |
| Q1911-01        | EO-03-04292025    | PCB  | 30.05 | N/A | ritesh         | Evelyn     | 10                 | E     |          | 4           |
| Q1912-01        | MH-E              | PCB  | 30.01 | N/A | ritesh         | Evelyn     | 10                 | E     |          | 5           |
| Q1912-05        | MH-F              | PCB  | 30.03 | N/A | ritesh         | Evelyn     | 10                 | D     |          | 6           |



RS  
4/30

167745  
4764591

# WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1905      WorkList ID : 189219      Department : Extraction      Date : 04-30-2025 08:29:54

| Sample   | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|----------|-----------------|--------|------|--------------|----------|-----------------------------|--------------|--------|
| Q1901-03 | B-170-SB01      | Solid  | PCB  | Cool 4 deg C | PORT06   | L51                         | 04/26/2025   | 8082A  |
| Q1905-01 | MH-G            | Solid  | PCB  | Cool 4 deg C | PSEG03   | L51                         | 04/28/2025   | 8082A  |
| Q1905-05 | MH-H            | Solid  | PCB  | Cool 4 deg C | PSEG03   | L51                         | 04/28/2025   | 8082A  |
| Q1907-01 | CO-8R-WC        | Solid  | PCB  | Cool 4 deg C | WALS01   | L51                         | 04/28/2025   | 8082A  |
| Q1910-01 | MOO-25-0123-27  | Solid  | PCB  | Cool 4 deg C | PSEG03   | L41                         | 04/29/2025   | 8082A  |
| Q1911-01 | EO-03-04292025  | Solid  | PCB  | Cool 4 deg C | PSEG05   | L41                         | 04/29/2025   | 8082A  |
| Q1912-01 | MH-E            | Solid  | PCB  | Cool 4 deg C | PSEG03   | L51                         | 04/29/2025   | 8082A  |
| Q1912-05 | MH-F            | Solid  | PCB  | Cool 4 deg C | PSEG03   | L51                         | 04/29/2025   | 8082A  |

Date/Time 04/30/25 8:30  
Raw Sample Received by: RJ LFF-LFF  
Raw Sample Relinquished by: RJ LFF-LFF

Date/Time 04/30/25 8:50  
Raw Sample Received by: RJ LFF-LFF  
Raw Sample Relinquished by: RJ LFF-LFF



# SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:  
COMPANY: Summa Health  
ADDRESS: 1010 Adams Ave  
CITY: Aurora STATE: PA ZIP: 18403  
ATTENTION: Joe Krusky  
PHONE: 610-310-8342 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Amtrak replacement of SB  
PROJECT NO.: 95000878 LOCATION: Kearny NJ  
PROJECT MANAGER: Joe Krusky  
e-mail: Joe.Krusky@Bemsys.com  
PHONE: 610-310-8342 FAX:

CLIENT BILLING INFORMATION

BILL TO: Alliance PO#: 07092  
ADDRESS: 284 Sheffield  
CITY: Mountainside STATE: NJ ZIP: 07092  
ATTENTION: Summa Health PHONE: 188-728-348

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) \_\_\_\_\_ DAYS\*  
HARDCOPY (DATA PACKAGE): 10 10 DAYS\*  
EDD: \_\_\_\_\_ DAYS\*  
\*TO BE APPROVED BY CHEMTECH  
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)  
☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP  
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B  
+ Raw Data Other  
☐ EDD FORMAT Bem EDD

1. TCL-VOLATILE  
2. PLBS  
3. Crating  
4. TCL-SUBSTRATE  
5. SAL MENTS  
6. EPA  
7. TCLP (L)  
8. RLRA (L)  
9. PLBS

| ALLIANCE<br>SAMPLE<br>ID | PROJECT<br>SAMPLE IDENTIFICATION | SAMPLE<br>MATRIX | SAMPLE<br>TYPE |      | SAMPLE<br>COLLECTION |      | # OF BOTTLES | PRESERVATIVES |   |   |   |   |   |   |   |   | COMMENTS                                                                   |        |
|--------------------------|----------------------------------|------------------|----------------|------|----------------------|------|--------------|---------------|---|---|---|---|---|---|---|---|----------------------------------------------------------------------------|--------|
|                          |                                  |                  | COMP           | GRAB | DATE                 | TIME |              | 1             | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | ← Specify Preservatives<br>A-HCl D-NaOH<br>B-HNO3 E-ICE<br>C-H2SO4 F-OTHER |        |
| 1.                       | B-170-SB00                       | S                |                | X    | 4/26/25              | 900  | 4            | X             |   |   |   |   |   |   |   |   |                                                                            |        |
| 2.                       | B-167-SB01                       | S                |                | X    |                      | 1000 | 7            | X             | X | X | X |   | X | X | X | X |                                                                            |        |
| 3.                       | B-170-SB01                       | S                |                | X    |                      | 1015 | 7            | X             | X | X | X |   | X | X | X | X |                                                                            |        |
| 4.                       | B-167-SB02                       | S                |                | X    |                      | 1030 | 8            | X             | X | X | X |   | X | X | X | X |                                                                            |        |
| 5.                       | B-170-SB02                       | S                |                | X    |                      | 1145 | 7            | X             | X | X | X |   | X | X | X | X |                                                                            |        |
| 6.                       | FB04262025                       | DI W             |                |      |                      | 1215 | 11           | X             | X | X | X | X | X | X | X | X |                                                                            | PH 1.3 |
| 7.                       | TB04262025                       | DI W             |                |      |                      | NA   | 2            | X             |   |   |   |   |   |   |   |   |                                                                            |        |
| 8.                       |                                  |                  |                |      |                      |      |              |               |   |   |   |   |   |   |   |   |                                                                            |        |
| 9.                       |                                  |                  |                |      |                      |      |              |               |   |   |   |   |   |   |   |   |                                                                            |        |
| 10.                      |                                  |                  |                |      |                      |      |              |               |   |   |   |   |   |   |   |   |                                                                            |        |

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

|                                                   |                           |                                       |                 |                                                                                                                                                                           |
|---------------------------------------------------|---------------------------|---------------------------------------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RELINQUISHED BY SAMPLER:<br>1. <u>[Signature]</u> | DATE/TIME: <u>4/26/25</u> | RECEIVED BY:<br>1. <u>[Signature]</u> | 4-28-25<br>0700 | Conditions of bottles or coolers at receipt: <input type="checkbox"/> COMPLIANT <input type="checkbox"/> NON COMPLIANT <input type="checkbox"/> COOLER TEMP <u>3.0</u> °C |
| RELINQUISHED BY SAMPLER:<br>2.                    | DATE/TIME:                | RECEIVED BY:<br>2.                    |                 | Comments: <u>Tr. 6.0 #1 "Adjust Factor + 1"</u>                                                                                                                           |
| RELINQUISHED BY SAMPLER:<br>3.                    | DATE/TIME:                | RECEIVED BY:<br>3.                    |                 | Page ____ of CLIENT: <input type="checkbox"/> Hand Delivered <input type="checkbox"/> Other Shipment Complete <input type="checkbox"/> YES <input type="checkbox"/> NO    |

### Laboratory Certification

| Certified By         | License No.      |
|----------------------|------------------|
|                      |                  |
| CAS EPA CLP Contract | 68HERH20D0011    |
|                      |                  |
| Connecticut          | PH-0830          |
|                      |                  |
| DOD ELAP (ANAB)      | L2219            |
|                      |                  |
| Maine                | 2024021          |
|                      |                  |
| Maryland             | 296              |
|                      |                  |
| New Hampshire        | 255424 Rev 1     |
|                      |                  |
| New Jersey           | 20012            |
|                      |                  |
| New York             | 11376            |
|                      |                  |
| Pennsylvania         | 68-00548         |
|                      |                  |
| Soil Permit          | 525-24-234-08441 |
|                      |                  |
| Texas                | T104704488       |

## LOGIN REPORT/SAMPLE TRANSFER

**Order ID :** Q1901      PORT06

**Order Date :** 4/28/2025 10:24:00 AM

**Project Mgr :**
**Client Name :** Portal Partners Tri-Venture

**Project Name :** Amtrak Sawtooth Bridges 2

**Report Type :** NJ Reduced

**Client Contact :** Joseph Krupansky

**Receive DateTime :** 4/28/2025 7:00:00 AM

**EDD Type :** EXCEL NJCLEANUP

**Invoice Name :** Portal Partners Tri-Venture

**Purchase Order :**
**Hard Copy Date :**
**Invoice Contact :** Joseph Krupansky

**Date Signoff :**

| LAB ID   | CLIENT ID  | MATRIX | SAMPLE DATE | SAMPLE TIME | TEST          | TEST GROUP | METHOD   | FAX DATE | DUE DATES    |
|----------|------------|--------|-------------|-------------|---------------|------------|----------|----------|--------------|
| Q1901-01 | B-170-SB00 | Solid  | 04/26/2025  | 09:00       |               |            |          |          |              |
|          |            |        |             |             | VOC-TCLVOA-10 |            | 8260D    |          | 10 Bus. Days |
| Q1901-02 | B-167-SB01 | Solid  | 04/26/2025  | 10:00       |               |            |          |          |              |
|          |            |        |             |             | VOC-TCLVOA-10 |            | 8260D    |          | 10 Bus. Days |
| Q1901-03 | B-170-SB01 | Solid  | 04/26/2025  | 10:15       |               |            |          |          |              |
|          |            |        |             |             | VOC-TCLVOA-10 |            | 8260D    |          | 10 Bus. Days |
| Q1901-04 | B-167-SB02 | Solid  | 04/26/2025  | 10:30       |               |            |          |          |              |
|          |            |        |             |             | VOC-TCLVOA-10 |            | 8260D    |          | 10 Bus. Days |
| Q1901-05 | B-170-SB02 | Solid  | 04/26/2025  | 11:45       |               |            |          |          |              |
|          |            |        |             |             | VOC-TCLVOA-10 |            | 8260D    |          | 10 Bus. Days |
| Q1901-06 | FB04262025 | Water  | 04/26/2025  | 12:15       |               |            |          |          |              |
|          |            |        |             |             | VOC-TCLVOA-10 |            | 8260-Low |          | 10 Bus. Days |
| Q1901-07 | TB04262025 | Water  | 04/26/2025  | 00:00       |               |            |          |          |              |
|          |            |        |             |             | VOC-TCLVOA-10 |            | 8260-Low |          | 10 Bus. Days |

## LOGIN REPORT/SAMPLE TRANSFER

|                                                   |        |                                                 |                                   |
|---------------------------------------------------|--------|-------------------------------------------------|-----------------------------------|
| <b>Order ID :</b> Q1901                           | PORT06 | <b>Order Date :</b> 4/28/2025 10:24:00 AM       | <b>Project Mgr :</b>              |
| <b>Client Name :</b> Portal Partners Tri-Venture  |        | <b>Project Name :</b> Amtrak Sawtooth Bridges 2 | <b>Report Type :</b> NJ Reduced   |
| <b>Client Contact :</b> Joseph Krupansky          |        | <b>Receive DateTime :</b> 4/28/2025 7:00:00 AM  | <b>EDD Type :</b> EXCEL NJCLEANUP |
| <b>Invoice Name :</b> Portal Partners Tri-Venture |        | <b>Purchase Order :</b>                         | <b>Hard Copy Date :</b>           |
| <b>Invoice Contact :</b> Joseph Krupansky         |        |                                                 | <b>Date Signoff :</b>             |

| LAB ID | CLIENT ID | MATRIX | SAMPLE<br>DATE | SAMPLE<br>TIME | TEST | TEST GROUP | METHOD | FAX DATE | DUE<br>DATES |
|--------|-----------|--------|----------------|----------------|------|------------|--------|----------|--------------|
|--------|-----------|--------|----------------|----------------|------|------------|--------|----------|--------------|

Relinquished By : CP

Date / Time : 4/28/25 11:45

Received By : JK

Date / Time : 4/28/25 11:45

Storage Area : VOA Refridgerator Room