

## Cover Page

**Order ID :** Q1626

**Project ID :** Walsh CO-032 Sampling

**Client :** Walsh Construction Company II, LLC

**Lab Sample Number**

Q1626-01  
Q1626-02  
Q1626-03

**Client Sample Number**

CO-32-1  
CO-32-1  
CO-32-1

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: 3/27/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

## 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 #: Q1626

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 Castody

✓

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: PRADIP PRAJAPATI

Date: 03/27/2025

## LAB CHRONICLE

|                 |                                    |                   |                       |
|-----------------|------------------------------------|-------------------|-----------------------|
| <b>OrderID:</b> | Q1626                              | <b>OrderDate:</b> | 3/21/2025 12:59:00 PM |
| <b>Client:</b>  | Walsh Construction Company II, LLC | <b>Project:</b>   | Walsh CO-032 Sampling |
| <b>Contact:</b> | Evelyne Benie Dion Gokan           | <b>Location:</b>  | F11,VOA Ref. #2 Soil  |

| LabID             | ClientID         | Matrix      | Test                    | Method | Sample Date     | Prep Date | Anal Date | Received        |
|-------------------|------------------|-------------|-------------------------|--------|-----------------|-----------|-----------|-----------------|
| <b>Q1626-01</b>   | <b>CO-32-1</b>   | <b>SOIL</b> |                         |        | <b>03/21/25</b> |           |           | <b>03/21/25</b> |
|                   |                  |             | Gasoline Range Organics | 8015D  |                 |           | 03/24/25  |                 |
|                   |                  |             | PCB                     | 8082A  |                 | 03/24/25  | 03/24/25  |                 |
|                   |                  |             | TPH GC                  | 8015D  |                 | 03/25/25  | 03/25/25  |                 |
|                   |                  |             | EPH_NF                  | NJEPH  |                 | 03/24/25  | 03/24/25  |                 |
| <b>Q1626-01DL</b> | <b>CO-32-1DL</b> | <b>SOIL</b> |                         |        | <b>03/21/25</b> |           |           | <b>03/21/25</b> |
|                   |                  |             | PCB                     | 8082A  |                 | 03/24/25  | 03/25/25  |                 |

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

**SDG No.:** Q1626

**Order ID:** Q1626

**Client:** Walsh Construction Company II, LLC

**Project ID:** Walsh CO-032 Sampling

| Sample ID             | Client ID | Matrix | Parameter    | Concentration | C  | MDL  | RDL  | Units |
|-----------------------|-----------|--------|--------------|---------------|----|------|------|-------|
| Client ID : CO-32-1   |           |        |              |               |    |      |      |       |
| Q1626-01              | CO-32-1   | SOIL   | Aroclor-1254 | 439           | EP | 3.40 | 17.9 | ug/kg |
| Q1626-01              | CO-32-1   | SOIL   | Aroclor-1260 | 328           | P  | 3.40 | 17.9 | ug/kg |
| Total Concentration:  |           |        |              | 767.000       |    |      |      |       |
| Client ID : CO-32-1DL |           |        |              |               |    |      |      |       |
| Q1626-01DL            | CO-32-1DL | SOIL   | Aroclor-1254 | 454           | D  | 6.80 | 35.8 | ug/kg |
| Q1626-01DL            | CO-32-1DL | SOIL   | Aroclor-1260 | 353           | D  | 6.80 | 35.8 | ug/kg |
| Total Concentration:  |           |        |              | 807.000       |    |      |      |       |



# QC SUMMARY

### Surrogate Summary

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: 8082A

| Lab Sample ID    | Client ID         | Parameter            | Column | Spike | Result | Rec | Qual | Limits |      |
|------------------|-------------------|----------------------|--------|-------|--------|-----|------|--------|------|
|                  |                   |                      |        |       |        |     |      | Low    | High |
| I.BLK-PP070418.D | PIBLK-PP070418.D  | Tetrachloro-m-xylene | 1      | 20    | 22.0   | 110 |      | 60     | 140  |
|                  |                   | Decachlorobiphenyl   | 1      | 20    | 23.1   | 116 |      | 60     | 140  |
|                  |                   | Tetrachloro-m-xylene | 2      | 20    | 23.0   | 115 |      | 60     | 140  |
|                  |                   | Decachlorobiphenyl   | 2      | 20    | 23.5   | 117 |      | 60     | 140  |
| I.BLK-PP070828.D | PIBLK-PP070828.D  | Tetrachloro-m-xylene | 1      | 20    | 19.4   | 97  |      | 60     | 140  |
|                  |                   | Decachlorobiphenyl   | 1      | 20    | 21.0   | 105 |      | 60     | 140  |
|                  |                   | Tetrachloro-m-xylene | 2      | 20    | 22.2   | 111 |      | 60     | 140  |
|                  |                   | Decachlorobiphenyl   | 2      | 20    | 18.1   | 91  |      | 60     | 140  |
| PB167271BL       | PB167271BL        | Tetrachloro-m-xylene | 1      | 20    | 21.4   | 107 |      | 32     | 144  |
|                  |                   | Decachlorobiphenyl   | 1      | 20    | 22.4   | 112 |      | 32     | 175  |
|                  |                   | Tetrachloro-m-xylene | 2      | 20    | 23.1   | 115 |      | 32     | 144  |
|                  |                   | Decachlorobiphenyl   | 2      | 20    | 19.9   | 99  |      | 32     | 175  |
| PB167271BS       | PB167271BS        | Tetrachloro-m-xylene | 1      | 20    | 21.2   | 106 |      | 32     | 144  |
|                  |                   | Decachlorobiphenyl   | 1      | 20    | 22.4   | 112 |      | 32     | 175  |
|                  |                   | Tetrachloro-m-xylene | 2      | 20    | 24.0   | 120 |      | 32     | 144  |
|                  |                   | Decachlorobiphenyl   | 2      | 20    | 19.6   | 98  |      | 32     | 175  |
| Q1624-01MS       | OK-01-03212025MS  | Tetrachloro-m-xylene | 1      | 20    | 22.6   | 113 |      | 32     | 144  |
|                  |                   | Decachlorobiphenyl   | 1      | 20    | 20.7   | 104 |      | 32     | 175  |
|                  |                   | Tetrachloro-m-xylene | 2      | 20    | 23.8   | 119 |      | 32     | 144  |
|                  |                   | Decachlorobiphenyl   | 2      | 20    | 14.9   | 75  |      | 32     | 175  |
| Q1624-01MSD      | OK-01-03212025MSD | Tetrachloro-m-xylene | 1      | 20    | 21.6   | 108 |      | 32     | 144  |
|                  |                   | Decachlorobiphenyl   | 1      | 20    | 19.6   | 98  |      | 32     | 175  |
|                  |                   | Tetrachloro-m-xylene | 2      | 20    | 24.3   | 122 |      | 32     | 144  |
|                  |                   | Decachlorobiphenyl   | 2      | 20    | 17.3   | 86  |      | 32     | 175  |
| Q1626-01         | CO-32-1           | Tetrachloro-m-xylene | 1      | 20    | 17.0   | 85  |      | 32     | 144  |
|                  |                   | Decachlorobiphenyl   | 1      | 20    | 21.4   | 107 |      | 32     | 175  |
|                  |                   | Tetrachloro-m-xylene | 2      | 20    | 19.6   | 98  |      | 32     | 144  |
|                  |                   | Decachlorobiphenyl   | 2      | 20    | 17.3   | 86  |      | 32     | 175  |
| I.BLK-PP070839.D | PIBLK-PP070839.D  | Tetrachloro-m-xylene | 1      | 20    | 19.8   | 99  |      | 60     | 140  |
|                  |                   | Decachlorobiphenyl   | 1      | 20    | 21.3   | 106 |      | 60     | 140  |
|                  |                   | Tetrachloro-m-xylene | 2      | 20    | 22.9   | 115 |      | 60     | 140  |
|                  |                   | Decachlorobiphenyl   | 2      | 20    | 18.1   | 90  |      | 60     | 140  |
| I.BLK-PP070845.D | PIBLK-PP070845.D  | Tetrachloro-m-xylene | 1      | 20    | 19.8   | 99  |      | 60     | 140  |
|                  |                   | Decachlorobiphenyl   | 1      | 20    | 21.3   | 106 |      | 60     | 140  |
|                  |                   | Tetrachloro-m-xylene | 2      | 20    | 24.3   | 122 |      | 60     | 140  |
|                  |                   | Decachlorobiphenyl   | 2      | 20    | 18.3   | 91  |      | 60     | 140  |
| Q1626-01DL       | CO-32-1DL         | Tetrachloro-m-xylene | 1      | 20    | 18.1   | 90  |      | 32     | 144  |
|                  |                   | Decachlorobiphenyl   | 1      | 20    | 22.0   | 110 |      | 32     | 175  |
|                  |                   | Tetrachloro-m-xylene | 2      | 20    | 21.1   | 106 |      | 32     | 144  |
|                  |                   | Decachlorobiphenyl   | 2      | 20    | 17.9   | 90  |      | 32     | 175  |
| I.BLK-PP070858.D | PIBLK-PP070858.D  | Tetrachloro-m-xylene | 1      | 20    | 17.2   | 86  |      | 60     | 140  |

### Surrogate Summary

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: 8082A

| Lab Sample ID    | Client ID        | Parameter            | Column | Spike | Result | Rec | Qual | Limits |      |
|------------------|------------------|----------------------|--------|-------|--------|-----|------|--------|------|
|                  |                  |                      |        |       |        |     |      | Low    | High |
| I.BLK-PP070858.D | PIBLK-PP070858.D | Decachlorobiphenyl   | 1      | 20    | 18.7   | 94  |      | 60     | 140  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 18.8   | 94  |      | 60     | 140  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 16.3   | 82  |      | 60     | 140  |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: 8082A

DataFile : PP070832.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: | OK-01-03212025MS |       |                  |        |       |     |             |     |             |     |                |     |
| Q1624-01MS        | AR1016           | 191.8 | 0                | 203    | ug/kg | 106 |             |     |             | 55  | 146            |     |
|                   | AR1260           | 191.8 | 0                | 200    | ug/kg | 104 |             |     |             | 31  | 146            |     |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: 8082A

DataFile : PP070833.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: | OK-01-03212025MSD |       |                  |        |       |     |             |     |             |     |                |     |
| Q1624-01MSD       | AR1016            | 191.6 | 0                | 199    | ug/kg | 104 |             | 2   |             | 55  | 146            | 20  |
|                   | AR1260            | 191.6 | 0                | 193    | ug/kg | 101 |             | 3   |             | 31  | 146            | 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.: Q1626

Client: Walsh Construction Company II, LLC

Analytical Method: 8082A Datafile : PP070830.D

| Lab Sample ID | Parameter | Spike | Result | Units | Rec | RPD | Qual | RPD  |     | Limits |     |
|---------------|-----------|-------|--------|-------|-----|-----|------|------|-----|--------|-----|
|               |           |       |        |       |     |     |      | Qual | Low | High   | RPD |
| PB167271BS    | AR1016    | 166.6 | 170    | ug/kg | 102 |     |      |      | 71  | 120    |     |
|               | AR1260    | 166.6 | 166    | ug/kg | 100 |     |      |      | 65  | 130    |     |

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167271BL

Lab Name: CHEMTECH

Contract: WALS01

Lab Code: CHEM Case No.: Q1626

SAS No.: Q1626 SDG NO.: Q1626

Lab Sample ID: PB167271BL

Lab File ID: PP070829.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 03/24/2025

Date Analyzed (1): 03/24/2025

Date Analyzed (2): 03/24/2025

Time Analyzed (1): 13:49

Time Analyzed (2): 13:49

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 |
|-------------------|------------------|----------------|--------------------|--------------------|
| PB167271BS        | PB167271BS       | PP070830.D     | 03/24/2025         | 03/24/2025         |
| OK-01-03212025MS  | Q1624-01MS       | PP070832.D     | 03/24/2025         | 03/24/2025         |
| OK-01-03212025MSD | Q1624-01MSD      | PP070833.D     | 03/24/2025         | 03/24/2025         |
| CO-32-1           | Q1626-01         | PP070834.D     | 03/24/2025         | 03/24/2025         |

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



# SAMPLE DATA

## Report of Analysis

|                    |                                    |                    |          |
|--------------------|------------------------------------|--------------------|----------|
| Client:            | Walsh Construction Company II, LLC | Date Collected:    | 03/21/25 |
| Project:           | Walsh CO-032 Sampling              | Date Received:     | 03/21/25 |
| Client Sample ID:  | CO-32-1                            | SDG No.:           | Q1626    |
| Lab Sample ID:     | Q1626-01                           | Matrix:            | SOIL     |
| Analytical Method: | SW8082A                            | % Solid:           | 94.8     |
| Sample Wt/Vol:     | 30.09                              | 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 |
| PP070834.D        | 1         | 03/24/25 08:50 | 03/24/25 15:10 | PB167271      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 12674-11-2        | Aroclor-1016         | 4.20  | U         | 4.20     | 17.9       | ug/kg             |
| 11104-28-2        | Aroclor-1221         | 4.20  | U         | 4.20     | 17.9       | ug/kg             |
| 11141-16-5        | Aroclor-1232         | 3.90  | U         | 3.90     | 17.9       | ug/kg             |
| 53469-21-9        | Aroclor-1242         | 4.20  | U         | 4.20     | 17.9       | ug/kg             |
| 12672-29-6        | Aroclor-1248         | 6.20  | U         | 6.20     | 17.9       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 439   | EP        | 3.40     | 17.9       | ug/kg             |
| 37324-23-5        | Aroclor-1262         | 5.30  | U         | 5.30     | 17.9       | ug/kg             |
| 11100-14-4        | Aroclor-1268         | 3.80  | U         | 3.80     | 17.9       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 328   | P         | 3.40     | 17.9       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 19.6  |           | 32 - 144 | 98%        | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 21.4  |           | 32 - 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\PP032425\  
 Data File : PP070834.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Mar 2025 15:10  
 Operator : YP\AJ  
 Sample : Q1626-01  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 CO-32-1

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 03/25/2025  
 Supervised By :mohammad ahmed 03/26/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 25 02:36:33 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Mar 19 05:25:31 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...          | 4.519  | 3.822 | 26467896 | 19685443 | 17.017m   | 19.641     |
| 2) SA Decachlor...          | 10.242 | 8.867 | 22686775 | 16884468 | 21.355    | 17.258     |
| Target Compounds            |        |       |          |          |           |            |
| 26) L6 AR-1254-1            | 6.523  | 5.715 | 65779193 | 53856180 | 1148.785  | 956.206    |
| 27) L6 AR-1254-2            | 6.738  | 5.863 | 82207637 | 40767102 | 1014.256  | 833.573    |
| 28) L6 AR-1254-3            | 7.102  | 6.267 | 96131578 | 89590984 | 1142.088  | 1187.926   |
| 29) L6 AR-1254-4            | 7.384  | 6.495 | 61051404 | 30830685 | 870.457   | 584.447 #  |
| 30) L6 AR-1254-5            | 7.800  | 6.914 | 146.0E6  | 87556679 | 2090.041  | 1267.934 # |
| 31) L7 AR-1260-1            | 7.265  | 6.398 | 60323544 | 50037428 | 1026.990m | 1005.083   |
| 32) L7 AR-1260-2            | 7.516  | 6.586 | 120.7E6  | 54499879 | 1470.907m | 824.663 #  |
| 33) L7 AR-1260-3            | 7.876  | 6.738 | 41842174 | 45781154 | 636.309m  | 800.407m#  |
| 34) L7 AR-1260-4            | 8.096  | 7.211 | 62714318 | 21844546 | 959.774m  | 426.955 #  |
| 35) L7 AR-1260-5            | 8.423  | 7.452 | 79551824 | 71453130 | 582.040   | 554.824    |
| -----                       |        |       |          |          |           |            |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP032425\  
Data File : PP070834.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Mar 2025 15:10  
Operator : YP\AJ  
Sample : Q1626-01  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

## Instrument :

ECD\_P

## ClientSampleId :

CO-32-1

## Manual Integrations

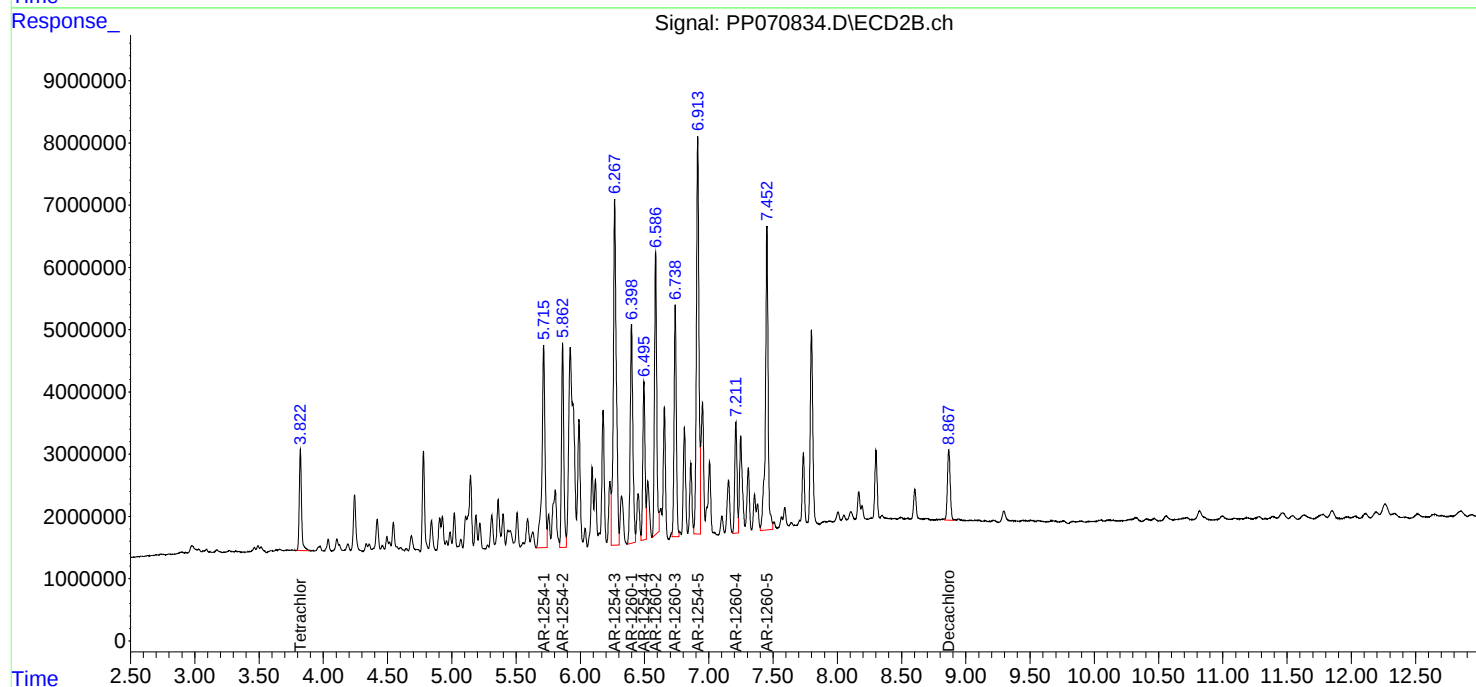
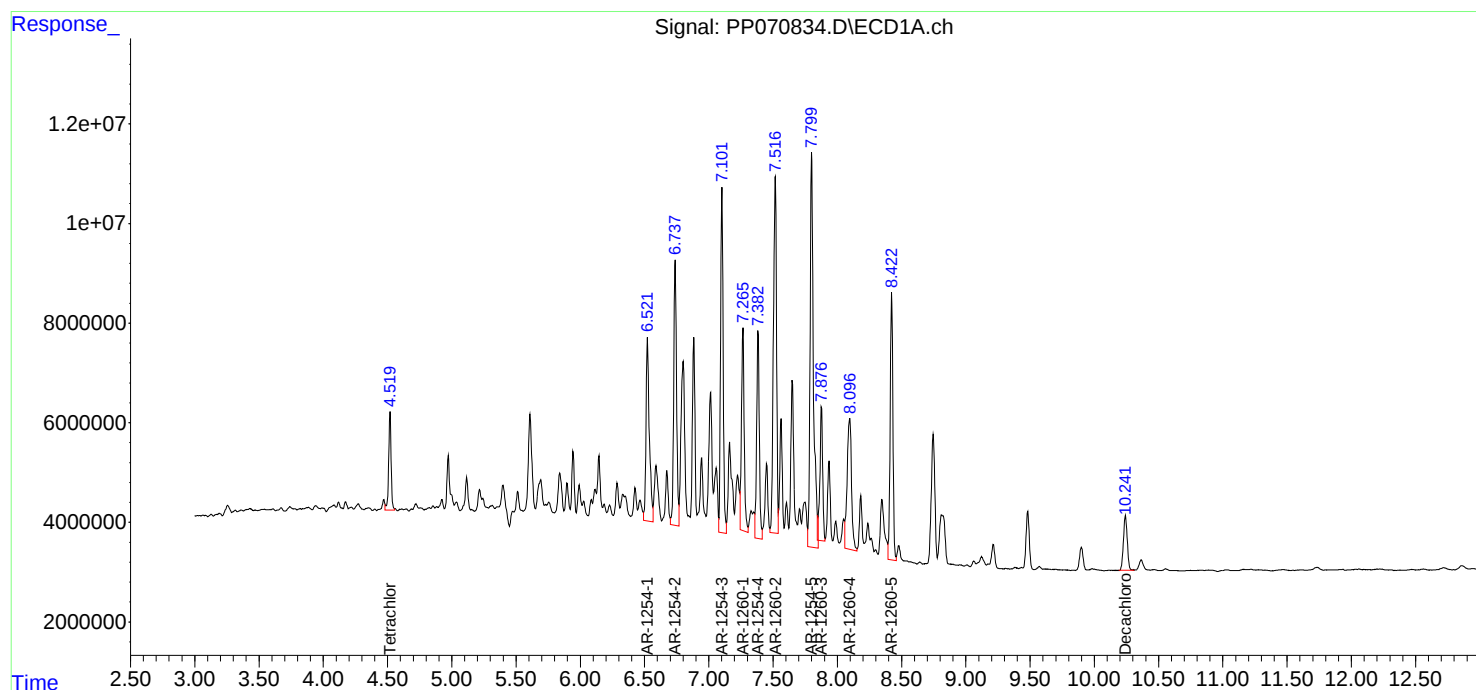
## APPROVED

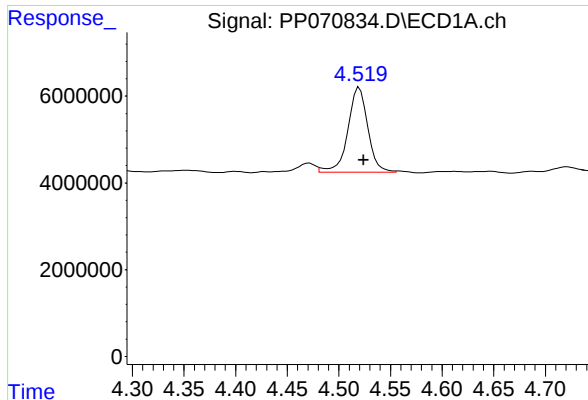
Reviewed By :Yogesh Patel 03/25/2025

Supervised By :mohammad ahmed 03/26/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 25 02:36:33 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 19 05:25:31 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





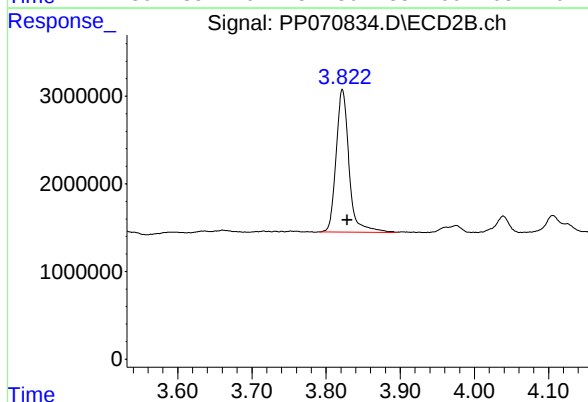
## #1 Tetrachloro-m-xylene

R.T.: 4.519 min  
Delta R.T.: -0.005 min  
Response: 26467896  
Conc: 17.02 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
CO-32-1

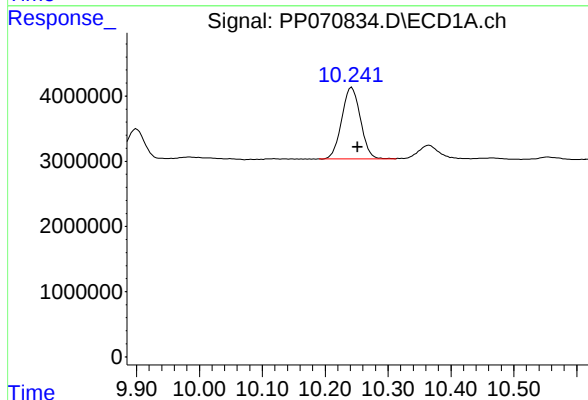
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/25/2025  
Supervised By :mohammad ahmed 03/26/2025



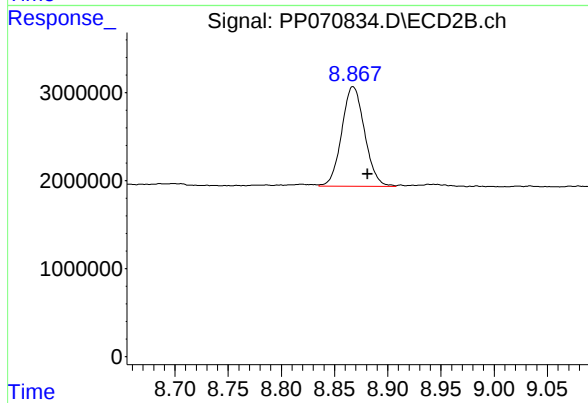
## #1 Tetrachloro-m-xylene

R.T.: 3.822 min  
Delta R.T.: -0.007 min  
Response: 19685443  
Conc: 19.64 ng/ml



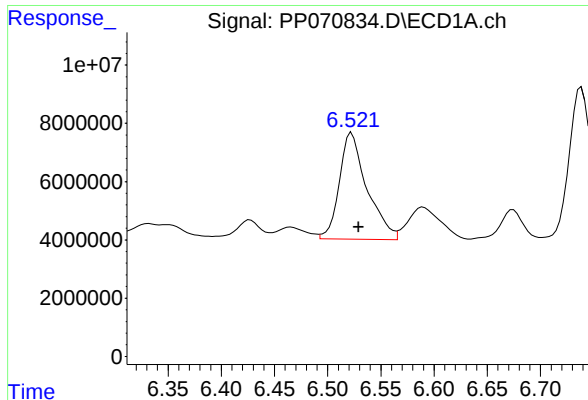
## #2 Decachlorobiphenyl

R.T.: 10.242 min  
Delta R.T.: -0.009 min  
Response: 22686775  
Conc: 21.36 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.867 min  
Delta R.T.: -0.014 min  
Response: 16884468  
Conc: 17.26 ng/ml



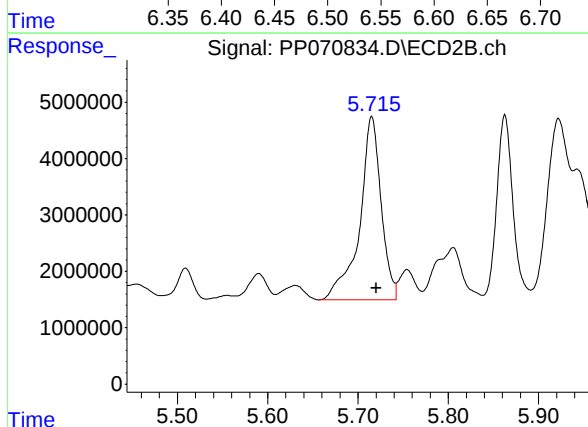
#26 AR-1254-1

R.T.: 6.523 min  
Delta R.T.: -0.007 min  
Response: 65779193  
Conc: 1148.79 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
CO-32-1

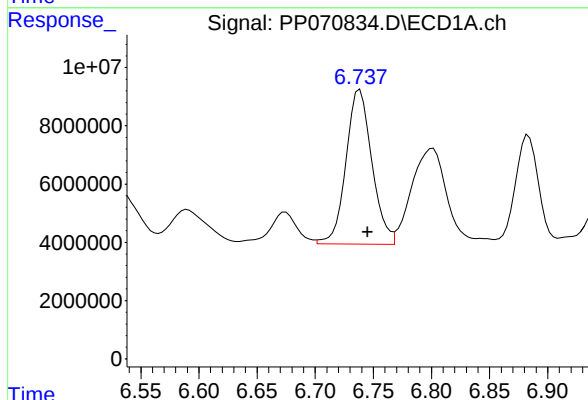
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/25/2025  
Supervised By :mohammad ahmed 03/26/2025



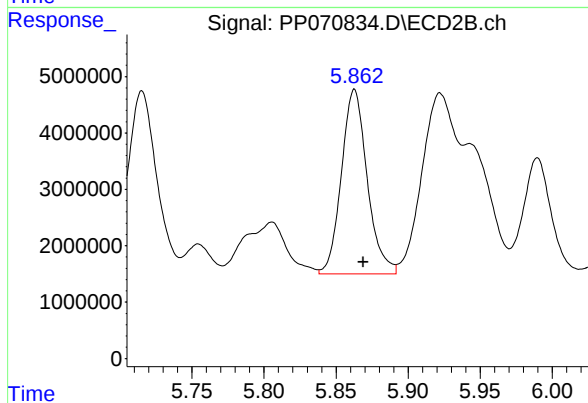
#26 AR-1254-1

R.T.: 5.715 min  
Delta R.T.: -0.005 min  
Response: 53856180  
Conc: 956.21 ng/ml



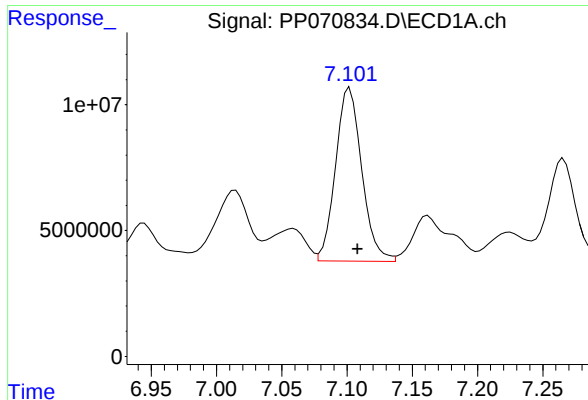
#27 AR-1254-2

R.T.: 6.738 min  
Delta R.T.: -0.007 min  
Response: 82207637  
Conc: 1014.26 ng/ml



#27 AR-1254-2

R.T.: 5.863 min  
Delta R.T.: -0.006 min  
Response: 40767102  
Conc: 833.57 ng/ml



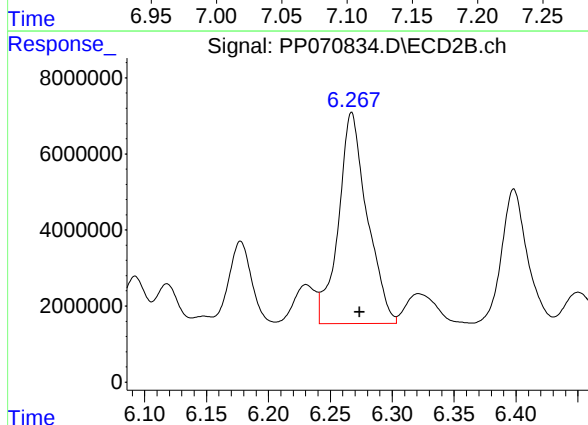
#28 AR-1254-3

R.T.: 7.102 min  
Delta R.T.: -0.006 min  
Response: 96131578  
Conc: 1142.09 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
CO-32-1

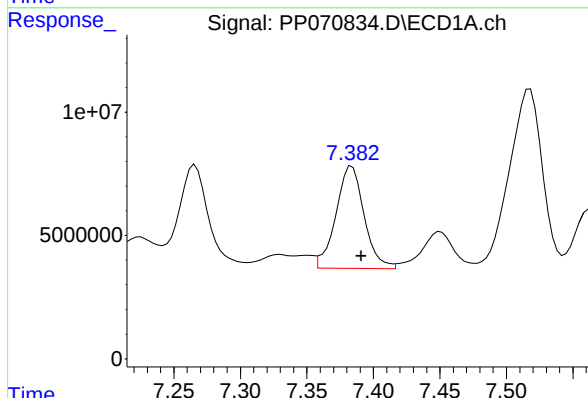
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/25/2025  
Supervised By :mohammad ahmed 03/26/2025



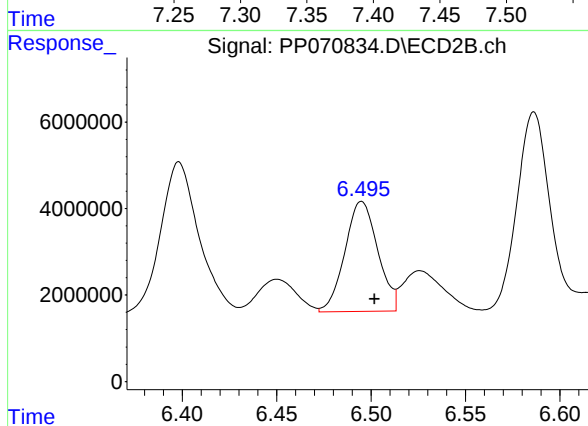
#28 AR-1254-3

R.T.: 6.267 min  
Delta R.T.: -0.006 min  
Response: 89590984  
Conc: 1187.93 ng/ml



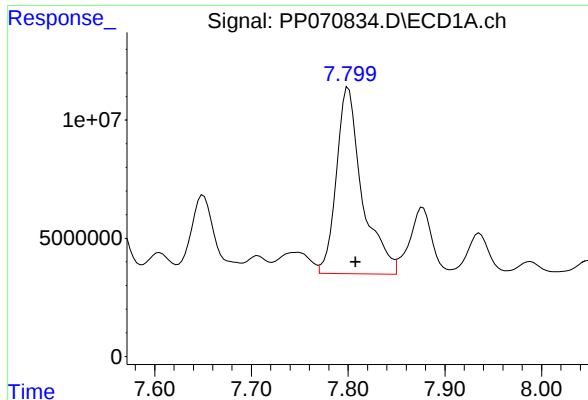
#29 AR-1254-4

R.T.: 7.384 min  
Delta R.T.: -0.007 min  
Response: 61051404  
Conc: 870.46 ng/ml



#29 AR-1254-4

R.T.: 6.495 min  
Delta R.T.: -0.007 min  
Response: 30830685  
Conc: 584.45 ng/ml



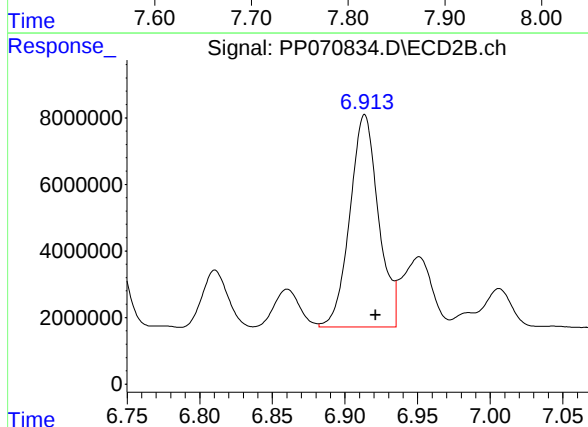
#30 AR-1254-5

R.T.: 7.800 min  
Delta R.T.: -0.007 min  
Response: 146004540  
Conc: 2090.04 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
CO-32-1

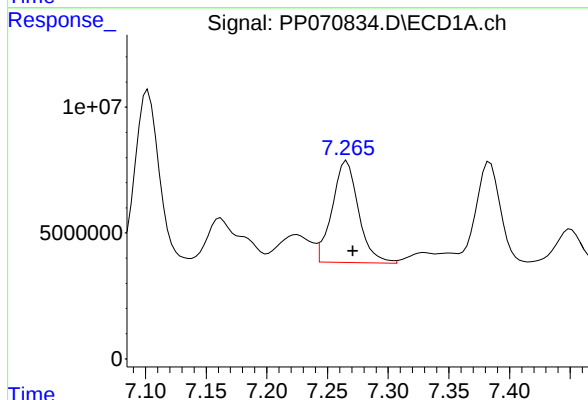
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/25/2025  
Supervised By :mohammad ahmed 03/26/2025



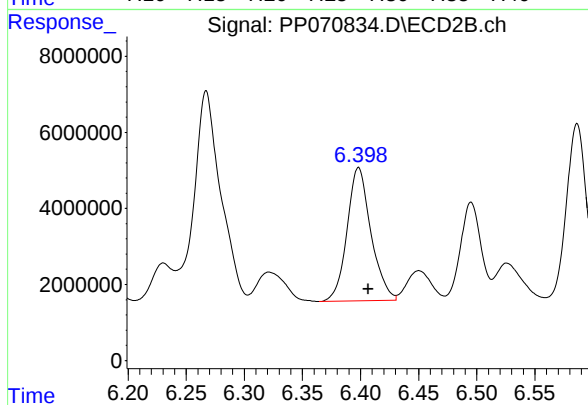
#30 AR-1254-5

R.T.: 6.914 min  
Delta R.T.: -0.008 min  
Response: 87556679  
Conc: 1267.93 ng/ml



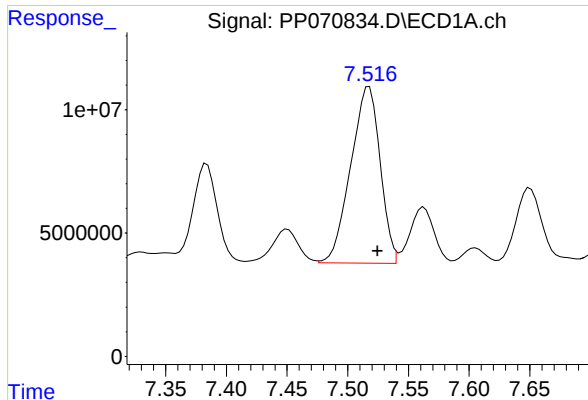
#31 AR-1260-1

R.T.: 7.265 min  
Delta R.T.: -0.006 min  
Response: 60323544  
Conc: 1026.99 ng/ml m



#31 AR-1260-1

R.T.: 6.398 min  
Delta R.T.: -0.008 min  
Response: 50037428  
Conc: 1005.08 ng/ml



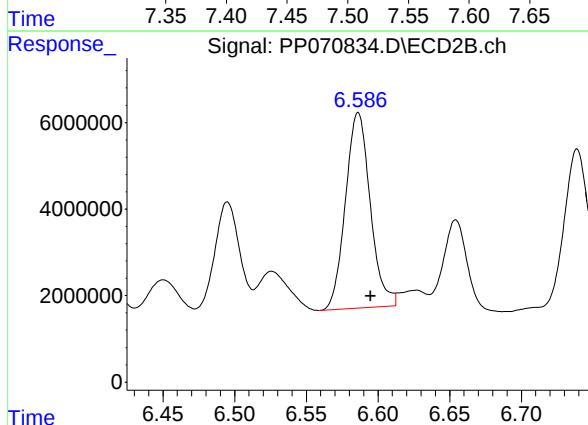
#32 AR-1260-2

R.T.: 7.516 min  
Delta R.T.: -0.008 min  
Response: 120677602  
Conc: 1470.91 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
CO-32-1

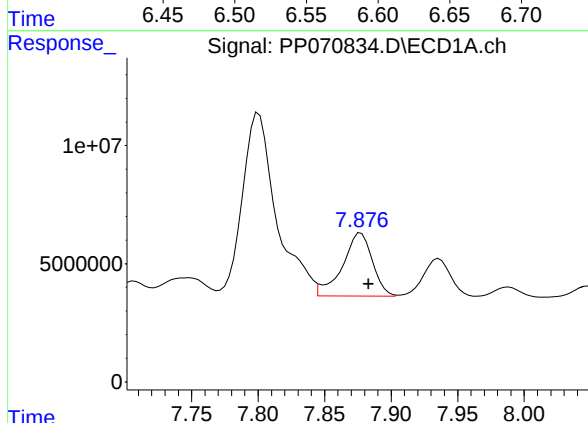
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/25/2025  
Supervised By :mohammad ahmed 03/26/2025



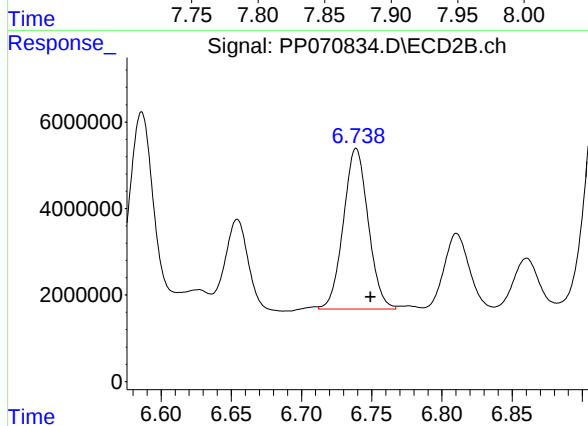
#32 AR-1260-2

R.T.: 6.586 min  
Delta R.T.: -0.009 min  
Response: 54499879  
Conc: 824.66 ng/ml



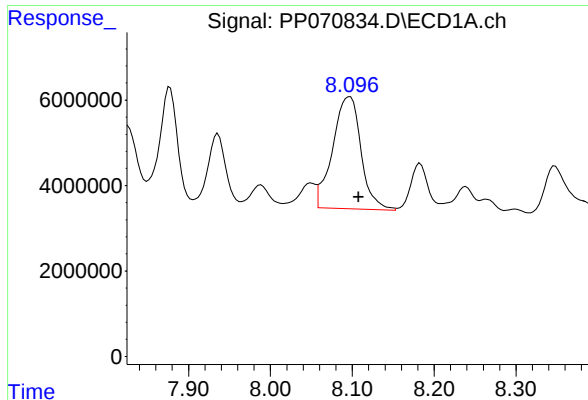
#33 AR-1260-3

R.T.: 7.876 min  
Delta R.T.: -0.007 min  
Response: 41842174  
Conc: 636.31 ng/ml m



#33 AR-1260-3

R.T.: 6.738 min  
Delta R.T.: -0.011 min  
Response: 45781154  
Conc: 800.41 ng/ml m



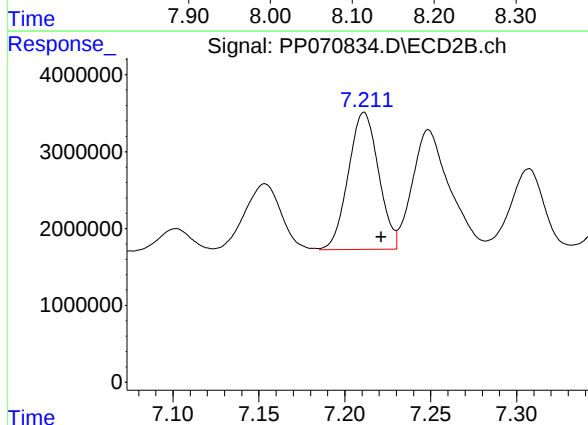
#34 AR-1260-4

R.T.: 8.096 min  
Delta R.T.: -0.011 min  
Response: 62714318  
Conc: 959.77 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
CO-32-1

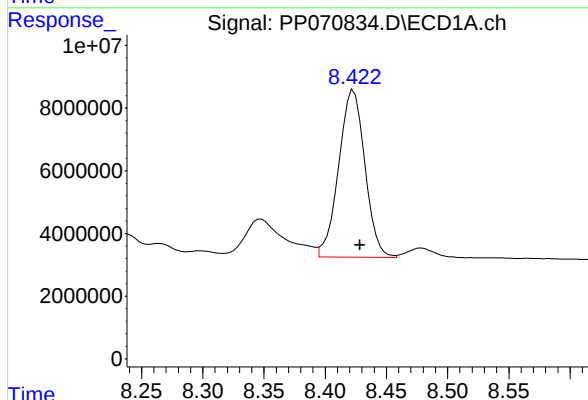
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/25/2025  
Supervised By :mohammad ahmed 03/26/2025



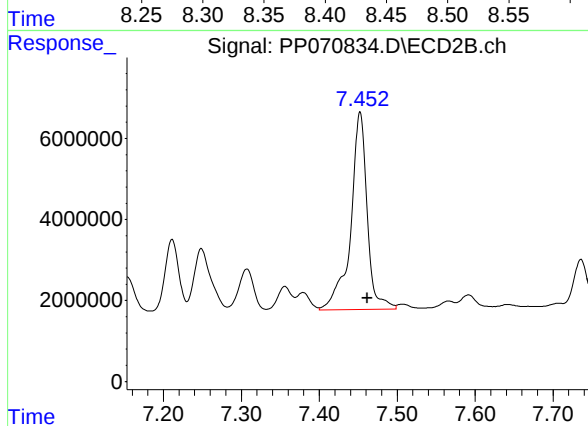
#34 AR-1260-4

R.T.: 7.211 min  
Delta R.T.: -0.010 min  
Response: 21844546  
Conc: 426.96 ng/ml



#35 AR-1260-5

R.T.: 8.423 min  
Delta R.T.: -0.005 min  
Response: 79551824  
Conc: 582.04 ng/ml



#35 AR-1260-5

R.T.: 7.452 min  
Delta R.T.: -0.010 min  
Response: 71453130  
Conc: 554.82 ng/ml

## Report of Analysis

|                    |                                    |                    |          |
|--------------------|------------------------------------|--------------------|----------|
| Client:            | Walsh Construction Company II, LLC | Date Collected:    | 03/21/25 |
| Project:           | Walsh CO-032 Sampling              | Date Received:     | 03/21/25 |
| Client Sample ID:  | CO-32-IDL                          | SDG No.:           | Q1626    |
| Lab Sample ID:     | Q1626-01DL                         | Matrix:            | SOIL     |
| Analytical Method: | SW8082A                            | % Solid:           | 94.8     |
| Sample Wt/Vol:     | 30.09                              | 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 |
| PP070846.D        | 2         | 03/24/25 08:50 | 03/25/25 09:50 | PB167271      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 12674-11-2        | Aroclor-1016         | 8.30  | UD        | 8.30     | 35.8       | ug/kg             |
| 11104-28-2        | Aroclor-1221         | 8.50  | UD        | 8.50     | 35.8       | ug/kg             |
| 11141-16-5        | Aroclor-1232         | 7.80  | UD        | 7.80     | 35.8       | ug/kg             |
| 53469-21-9        | Aroclor-1242         | 8.40  | UD        | 8.40     | 35.8       | ug/kg             |
| 12672-29-6        | Aroclor-1248         | 12.5  | UD        | 12.5     | 35.8       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 454   | D         | 6.80     | 35.8       | ug/kg             |
| 37324-23-5        | Aroclor-1262         | 10.6  | UD        | 10.6     | 35.8       | ug/kg             |
| 11100-14-4        | Aroclor-1268         | 7.60  | UD        | 7.60     | 35.8       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 353   | D         | 6.80     | 35.8       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 21.1  |           | 32 - 144 | 106%       | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 22.0  |           | 32 - 175 | 110%       | 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\PP032525\  
 Data File : PP070846.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Mar 2025 09:50  
 Operator : YP\AJ  
 Sample : Q1626-01DL 2X  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 CO-32-1DL

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 25 11:37:18 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Mar 19 05:25:31 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  | 3.820 | 14065161 | 10595814 | 9.043m    | 10.572    |
| 2) SA Decachlor...          | 10.237 | 8.866 | 11670629 | 8753484  | 10.986    | 8.947     |
| Target Compounds            |        |       |          |          |           |           |
| 26) L6 AR-1254-1            | 6.518  | 5.713 | 33783606 | 31655633 | 590.006m  | 562.039   |
| 27) L6 AR-1254-2            | 6.734  | 5.861 | 43064496 | 24327404 | 531.318m  | 497.427   |
| 28) L6 AR-1254-3            | 7.097  | 6.266 | 50847057 | 51963447 | 604.087m  | 689.006   |
| 29) L6 AR-1254-4            | 7.379  | 6.493 | 31173926 | 18012652 | 444.471m  | 341.460   |
| 30) L6 AR-1254-5            | 7.795  | 6.911 | 74509448 | 48196836 | 1066.596m | 697.952 # |
| 31) L7 AR-1260-1            | 7.261  | 6.397 | 32785648 | 29675590 | 558.166m  | 596.082   |
| 32) L7 AR-1260-2            | 7.513  | 6.583 | 66280496 | 31781789 | 807.875m  | 480.905 # |
| 33) L7 AR-1260-3            | 7.873  | 6.737 | 22186690 | 25491854 | 337.401m  | 445.682 # |
| 34) L7 AR-1260-4            | 8.091  | 7.209 | 32083590 | 12485083 | 491.004m  | 244.023 # |
| 35) L7 AR-1260-5            | 8.419  | 7.450 | 44585623 | 39265590 | 326.210   | 304.892   |
| -----                       |        |       |          |          |           |           |

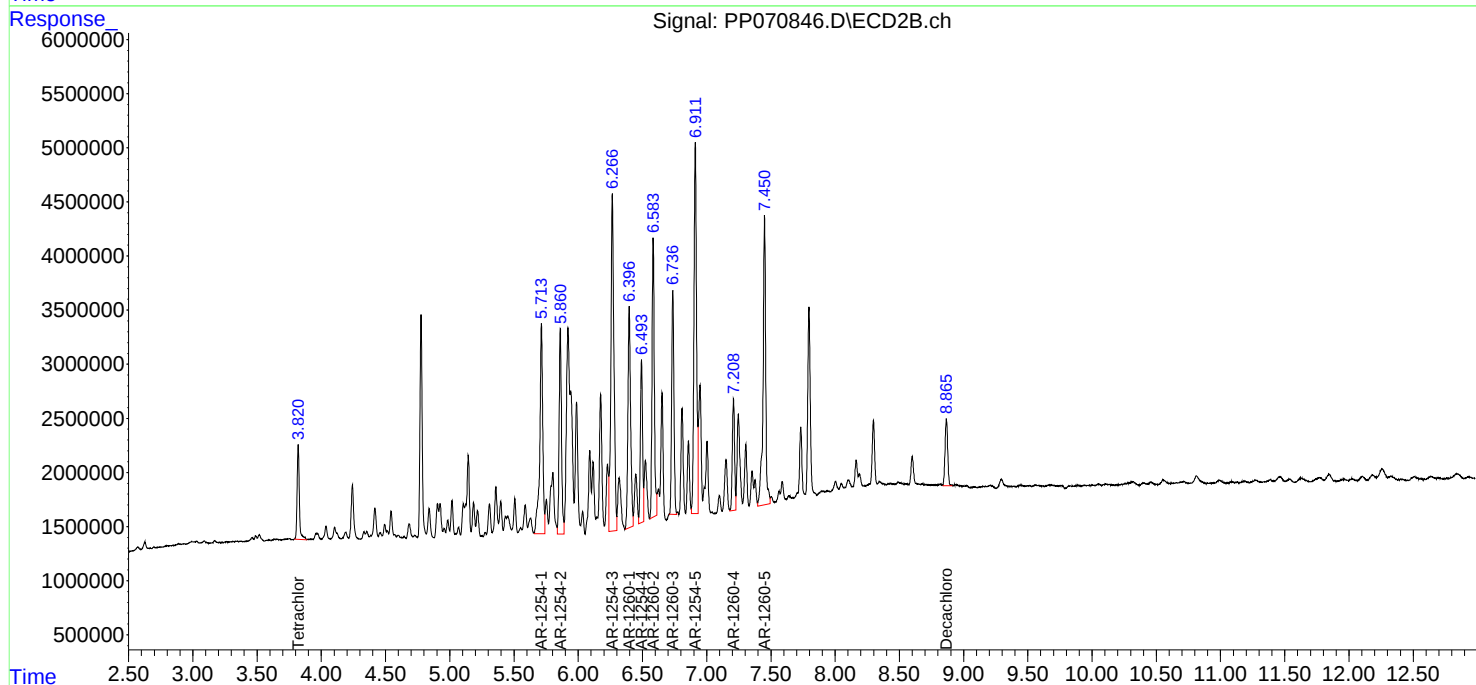
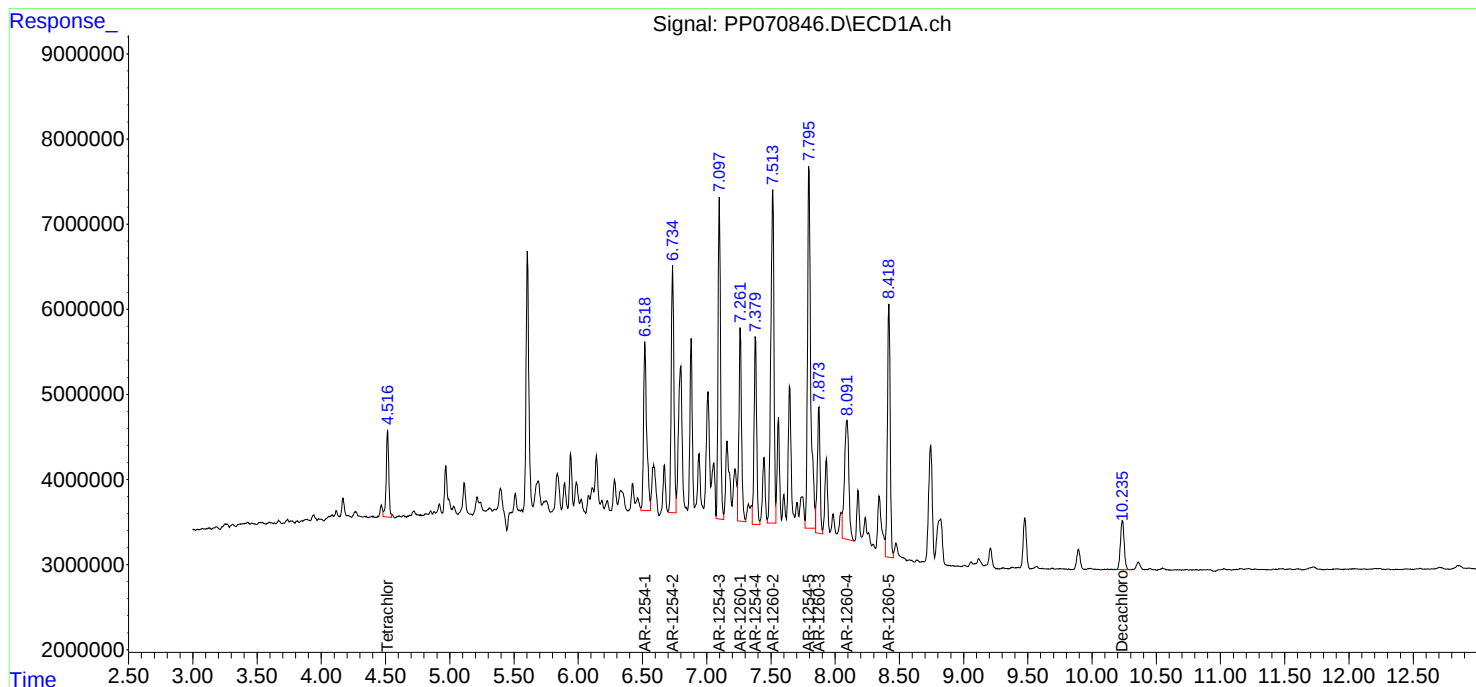
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

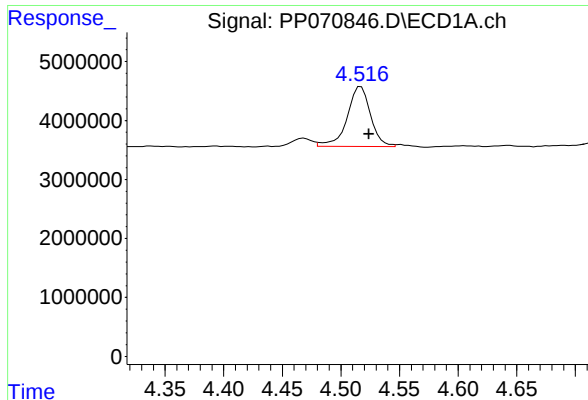
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP032525\  
Data File : PP070846.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Mar 2025 09:50  
Operator : YP\AJ  
Sample : Q1626-01DL 2X  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
CO-32-1DL

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 25 11:37:18 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 19 05:25:31 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

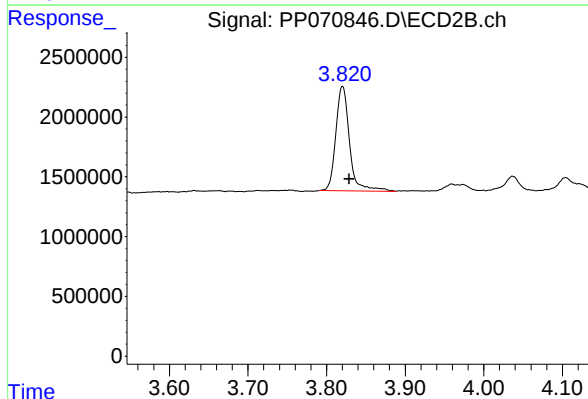




## #1 Tetrachloro-m-xylene

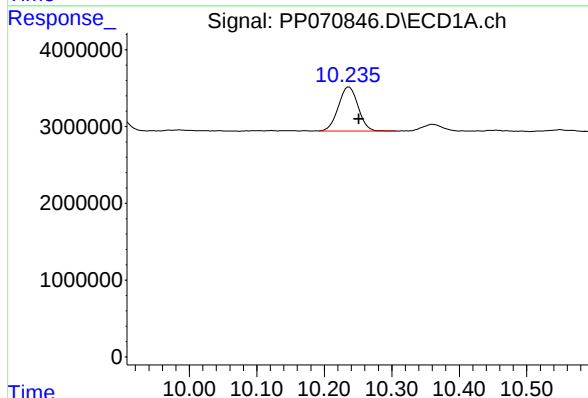
R.T.: 4.516 min  
Delta R.T.: -0.008 min  
Response: 14065161  
Conc: 9.04 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
CO-32-1DL



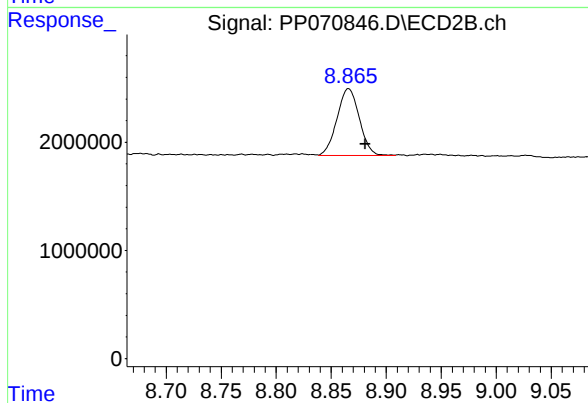
## #1 Tetrachloro-m-xylene

R.T.: 3.820 min  
Delta R.T.: -0.008 min  
Response: 10595814  
Conc: 10.57 ng/ml



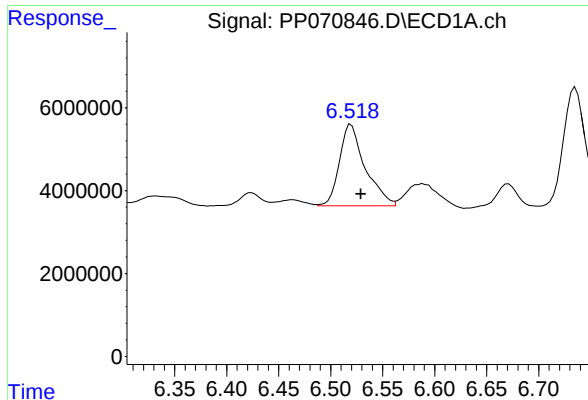
## #2 Decachlorobiphenyl

R.T.: 10.237 min  
Delta R.T.: -0.015 min  
Response: 11670629  
Conc: 10.99 ng/ml



## #2 Decachlorobiphenyl

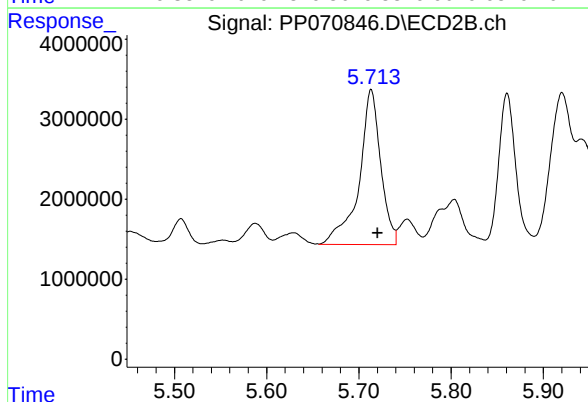
R.T.: 8.866 min  
Delta R.T.: -0.015 min  
Response: 8753484  
Conc: 8.95 ng/ml



#26 AR-1254-1

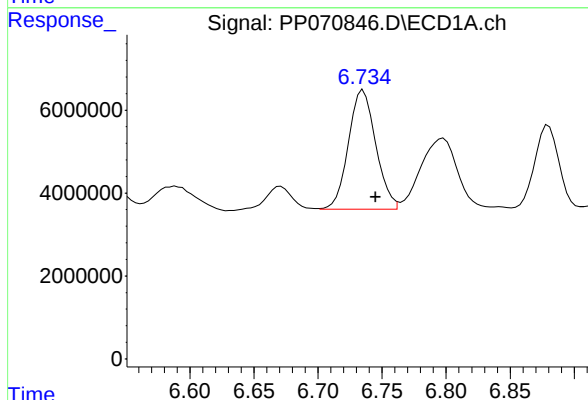
R.T.: 6.518 min  
Delta R.T.: -0.011 min  
Response: 33783606  
Conc: 590.01 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
CO-32-1DL



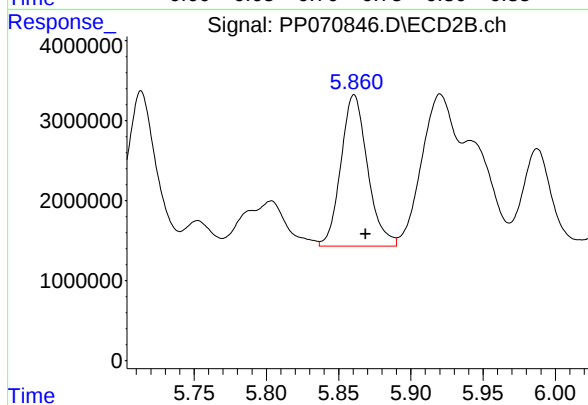
#26 AR-1254-1

R.T.: 5.713 min  
Delta R.T.: -0.007 min  
Response: 31655633  
Conc: 562.04 ng/ml



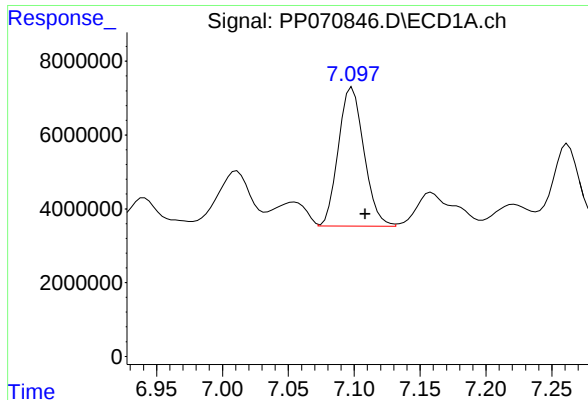
#27 AR-1254-2

R.T.: 6.734 min  
Delta R.T.: -0.011 min  
Response: 43064496  
Conc: 531.32 ng/ml m



#27 AR-1254-2

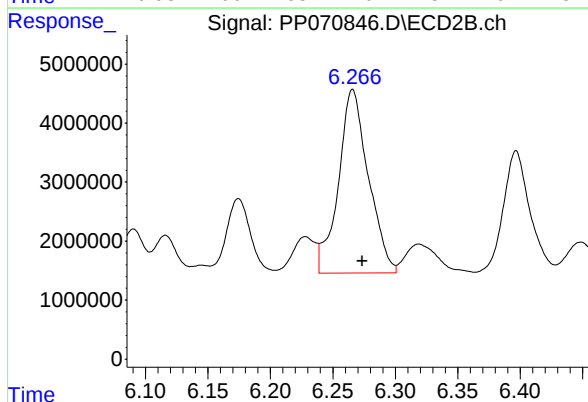
R.T.: 5.861 min  
Delta R.T.: -0.008 min  
Response: 24327404  
Conc: 497.43 ng/ml



#28 AR-1254-3

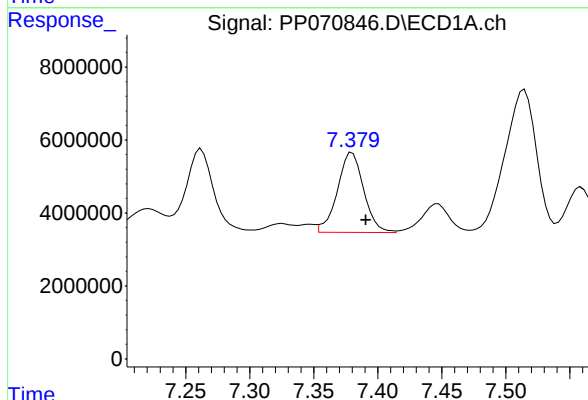
R.T.: 7.097 min  
Delta R.T.: -0.011 min  
Response: 50847057  
Conc: 604.09 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
CO-32-1DL



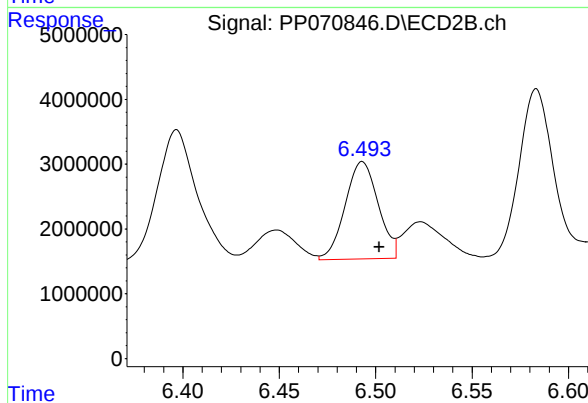
#28 AR-1254-3

R.T.: 6.266 min  
Delta R.T.: -0.008 min  
Response: 51963447  
Conc: 689.01 ng/ml



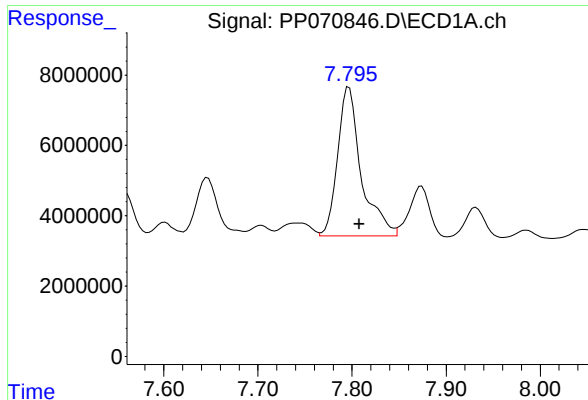
#29 AR-1254-4

R.T.: 7.379 min  
Delta R.T.: -0.012 min  
Response: 31173926  
Conc: 444.47 ng/ml m



#29 AR-1254-4

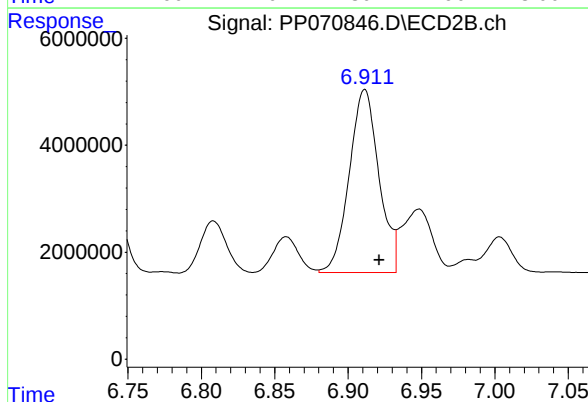
R.T.: 6.493 min  
Delta R.T.: -0.009 min  
Response: 18012652  
Conc: 341.46 ng/ml



#30 AR-1254-5

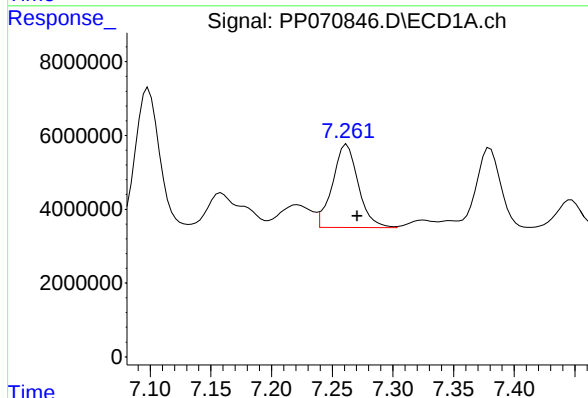
R.T.: 7.795 min  
Delta R.T.: -0.012 min  
Response: 74509448  
Conc: 1066.60 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
CO-32-1DL



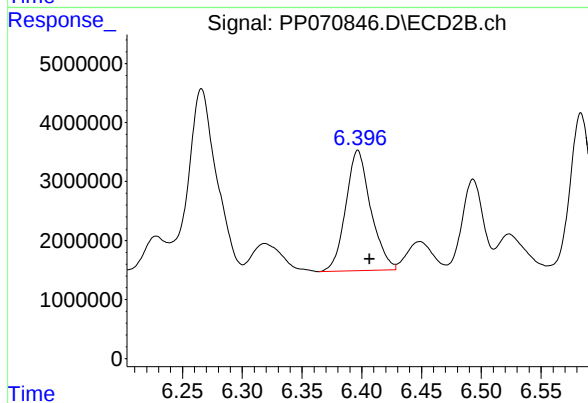
#30 AR-1254-5

R.T.: 6.911 min  
Delta R.T.: -0.010 min  
Response: 48196836  
Conc: 697.95 ng/ml



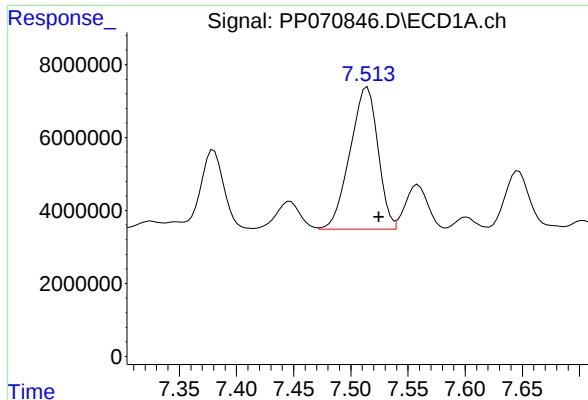
#31 AR-1260-1

R.T.: 7.261 min  
Delta R.T.: -0.010 min  
Response: 32785648  
Conc: 558.17 ng/ml m



#31 AR-1260-1

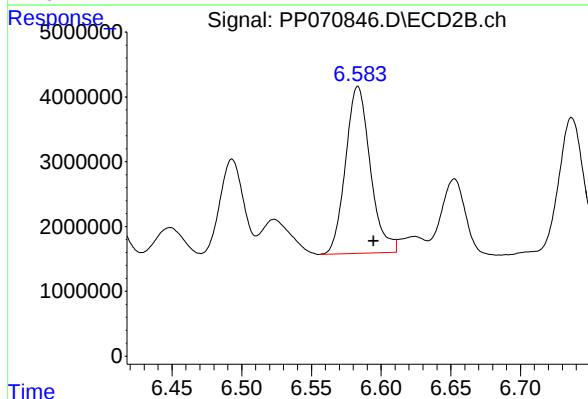
R.T.: 6.397 min  
Delta R.T.: -0.010 min  
Response: 29675590  
Conc: 596.08 ng/ml



#32 AR-1260-2

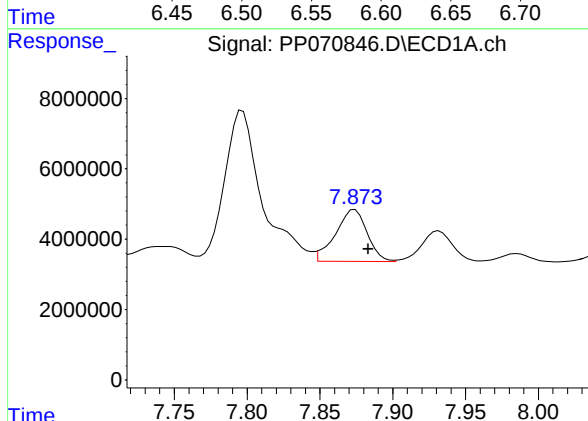
R.T.: 7.513 min  
Delta R.T.: -0.011 min  
Response: 66280496  
Conc: 807.88 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
CO-32-1DL



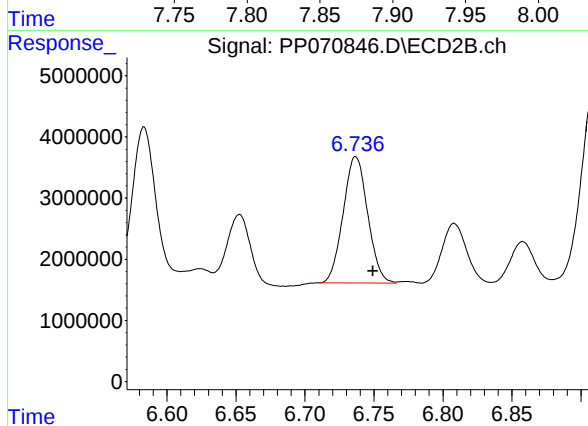
#32 AR-1260-2

R.T.: 6.583 min  
Delta R.T.: -0.011 min  
Response: 31781789  
Conc: 480.90 ng/ml



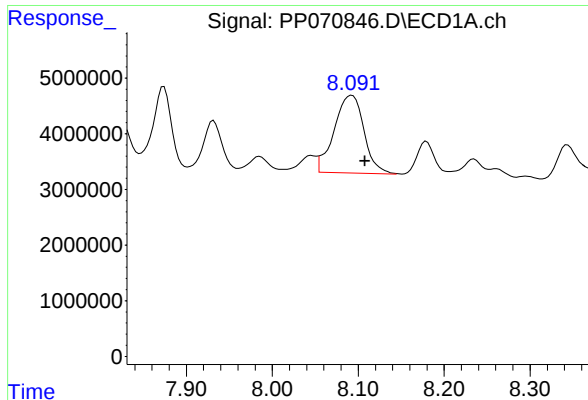
#33 AR-1260-3

R.T.: 7.873 min  
Delta R.T.: -0.011 min  
Response: 22186690  
Conc: 337.40 ng/ml m



#33 AR-1260-3

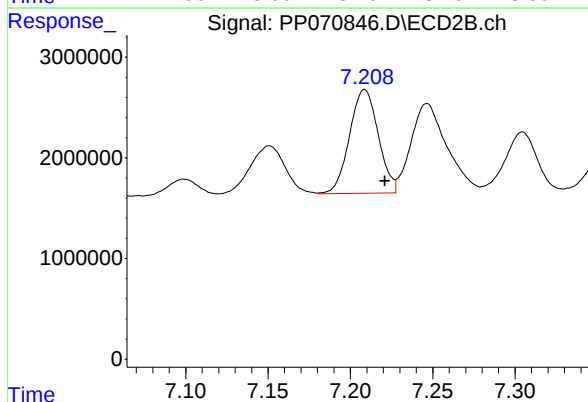
R.T.: 6.737 min  
Delta R.T.: -0.012 min  
Response: 25491854  
Conc: 445.68 ng/ml



#34 AR-1260-4

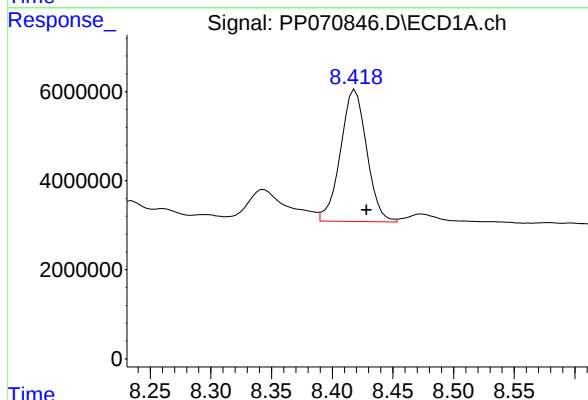
R.T.: 8.091 min  
Delta R.T.: -0.016 min  
Response: 32083590  
Conc: 491.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
CO-32-1DL



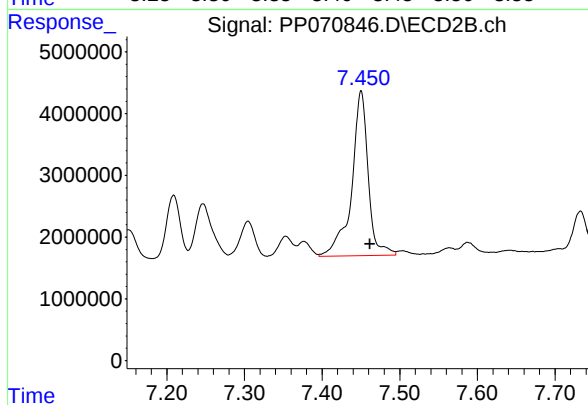
#34 AR-1260-4

R.T.: 7.209 min  
Delta R.T.: -0.012 min  
Response: 12485083  
Conc: 244.02 ng/ml



#35 AR-1260-5

R.T.: 8.419 min  
Delta R.T.: -0.009 min  
Response: 44585623  
Conc: 326.21 ng/ml



#35 AR-1260-5

R.T.: 7.450 min  
Delta R.T.: -0.012 min  
Response: 39265590  
Conc: 304.89 ng/ml



# CALIBRATION SUMMARY

## RETENTION TIMES OF INITIAL CALIBRATION

**Contract:** WALS01  
**Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626 **SDG NO.:** Q1626  
**Instrument ID:** ECD\_P **Calibration Date(s):** 03/11/2025 03/11/2025  
**Calibration Times:** 15:13 23:38

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

|                                   |                                    |                                   |
|-----------------------------------|------------------------------------|-----------------------------------|
| <b>LAB FILE ID:</b>               | <b>RT 1000 =</b> <u>PP070419.D</u> | <b>RT 750 =</b> <u>PP070420.D</u> |
| <b>RT 500 =</b> <u>PP070421.D</u> | <b>RT 250 =</b> <u>PP070422.D</u>  | <b>RT 050 =</b> <u>PP070423.D</u> |

| COMPOUND             |     | RT 1000 | RT 750 | RT 500 | RT 250 | RT 050 | MEAN<br>RT | RT WINDOW |       |
|----------------------|-----|---------|--------|--------|--------|--------|------------|-----------|-------|
|                      |     |         |        |        |        |        |            | FROM      | TO    |
| Aroclor-1016-1       | (1) | 5.68    | 5.68   | 5.68   | 5.68   | 5.68   | 5.68       | 5.58      | 5.78  |
| Aroclor-1016-2       | (2) | 5.70    | 5.70   | 5.70   | 5.70   | 5.70   | 5.70       | 5.60      | 5.80  |
| Aroclor-1016-3       | (3) | 5.76    | 5.76   | 5.76   | 5.76   | 5.76   | 5.76       | 5.66      | 5.86  |
| Aroclor-1016-4       | (4) | 5.86    | 5.86   | 5.86   | 5.86   | 5.86   | 5.86       | 5.76      | 5.96  |
| Aroclor-1016-5       | (5) | 6.15    | 6.15   | 6.15   | 6.15   | 6.15   | 6.15       | 6.05      | 6.25  |
| Aroclor-1260-1       | (1) | 7.27    | 7.27   | 7.27   | 7.27   | 7.27   | 7.27       | 7.17      | 7.37  |
| Aroclor-1260-2       | (2) | 7.53    | 7.52   | 7.53   | 7.53   | 7.53   | 7.53       | 7.43      | 7.63  |
| Aroclor-1260-3       | (3) | 7.89    | 7.88   | 7.88   | 7.89   | 7.89   | 7.88       | 7.78      | 7.98  |
| Aroclor-1260-4       | (4) | 8.11    | 8.11   | 8.11   | 8.11   | 8.11   | 8.11       | 8.01      | 8.21  |
| Aroclor-1260-5       | (5) | 8.43    | 8.43   | 8.43   | 8.43   | 8.43   | 8.43       | 8.33      | 8.53  |
| Decachlorobiphenyl   |     | 10.25   | 10.25  | 10.25  | 10.26  | 10.25  | 10.25      | 10.15     | 10.35 |
| Tetrachloro-m-xylene |     | 4.53    | 4.52   | 4.52   | 4.53   | 4.53   | 4.53       | 4.43      | 4.63  |
| Aroclor-1232-1       | (1) | 4.89    | 4.89   | 4.89   | 4.89   | 4.89   | 4.89       | 4.79      | 4.99  |
| Aroclor-1232-2       | (2) | 5.41    | 5.41   | 5.41   | 5.41   | 5.41   | 5.41       | 5.31      | 5.51  |
| Aroclor-1232-3       | (3) | 5.70    | 5.70   | 5.70   | 5.70   | 5.70   | 5.70       | 5.60      | 5.80  |
| Aroclor-1232-4       | (4) | 5.86    | 5.86   | 5.86   | 5.86   | 5.86   | 5.86       | 5.76      | 5.96  |
| Aroclor-1232-5       | (5) | 5.95    | 5.95   | 5.95   | 5.95   | 5.94   | 5.95       | 5.85      | 6.05  |
| Decachlorobiphenyl   |     | 10.25   | 10.25  | 10.25  | 10.25  | 10.26  | 10.25      | 10.15     | 10.35 |
| Tetrachloro-m-xylene |     | 4.53    | 4.53   | 4.53   | 4.53   | 4.53   | 4.53       | 4.43      | 4.63  |
| Aroclor-1242-1       | (1) | 5.68    | 5.68   | 5.68   | 5.68   | 5.68   | 5.68       | 5.58      | 5.78  |
| Aroclor-1242-2       | (2) | 5.70    | 5.70   | 5.70   | 5.70   | 5.70   | 5.70       | 5.60      | 5.80  |
| Aroclor-1242-3       | (3) | 5.76    | 5.76   | 5.76   | 5.76   | 5.76   | 5.76       | 5.66      | 5.86  |
| Aroclor-1242-4       | (4) | 5.86    | 5.86   | 5.86   | 5.86   | 5.86   | 5.86       | 5.76      | 5.96  |
| Aroclor-1242-5       | (5) | 6.59    | 6.59   | 6.59   | 6.59   | 6.59   | 6.59       | 6.49      | 6.69  |
| Decachlorobiphenyl   |     | 10.25   | 10.25  | 10.25  | 10.25  | 10.25  | 10.25      | 10.15     | 10.35 |
| Tetrachloro-m-xylene |     | 4.53    | 4.53   | 4.53   | 4.52   | 4.53   | 4.53       | 4.43      | 4.63  |
| Aroclor-1248-1       | (1) | 5.68    | 5.68   | 5.68   | 5.68   | 5.68   | 5.68       | 5.58      | 5.78  |
| Aroclor-1248-2       | (2) | 5.95    | 5.95   | 5.95   | 5.95   | 5.95   | 5.95       | 5.85      | 6.05  |
| Aroclor-1248-3       | (3) | 6.15    | 6.15   | 6.15   | 6.15   | 6.15   | 6.15       | 6.05      | 6.25  |
| Aroclor-1248-4       | (4) | 6.55    | 6.55   | 6.55   | 6.55   | 6.55   | 6.55       | 6.45      | 6.65  |
| Aroclor-1248-5       | (5) | 6.59    | 6.59   | 6.59   | 6.59   | 6.59   | 6.59       | 6.49      | 6.69  |
| Decachlorobiphenyl   |     | 10.25   | 10.25  | 10.25  | 10.25  | 10.25  | 10.25      | 10.15     | 10.35 |
| Tetrachloro-m-xylene |     | 4.53    | 4.52   | 4.52   | 4.52   | 4.52   | 4.52       | 4.42      | 4.62  |
| Aroclor-1254-1       | (1) | 6.53    | 6.53   | 6.53   | 6.52   | 6.53   | 6.53       | 6.43      | 6.63  |
| Aroclor-1254-2       | (2) | 6.74    | 6.74   | 6.75   | 6.74   | 6.74   | 6.74       | 6.64      | 6.84  |
| Aroclor-1254-3       | (3) | 7.11    | 7.11   | 7.11   | 7.10   | 7.11   | 7.11       | 7.01      | 7.21  |
| Aroclor-1254-4       | (4) | 7.39    | 7.39   | 7.39   | 7.39   | 7.39   | 7.39       | 7.29      | 7.49  |
| Aroclor-1254-5       | (5) | 7.81    | 7.81   | 7.81   | 7.80   | 7.81   | 7.81       | 7.71      | 7.91  |

**RETENTION TIMES OF INITIAL CALIBRATION**

|                      |       |       |       |       |       |       |       |       |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Decachlorobiphenyl   | 10.25 | 10.25 | 10.25 | 10.25 | 10.25 | 10.25 | 10.15 | 10.35 |
| Tetrachloro-m-xylene | 4.53  | 4.52  | 4.53  | 4.52  | 4.53  | 4.53  | 4.43  | 4.63  |
| Aroclor-1268-1 (1)   | 8.75  | 8.74  | 8.74  | 8.74  | 8.75  | 8.74  | 8.64  | 8.84  |
| Aroclor-1268-2 (2)   | 8.84  | 8.84  | 8.83  | 8.83  | 8.84  | 8.84  | 8.74  | 8.94  |
| Aroclor-1268-3 (3)   | 9.07  | 9.07  | 9.07  | 9.07  | 9.07  | 9.07  | 8.97  | 9.17  |
| Aroclor-1268-4 (4)   | 9.49  | 9.49  | 9.49  | 9.49  | 9.49  | 9.49  | 9.39  | 9.59  |
| Aroclor-1268-5 (5)   | 9.91  | 9.91  | 9.90  | 9.91  | 9.91  | 9.91  | 9.81  | 10.01 |
| Decachlorobiphenyl   | 10.25 | 10.25 | 10.25 | 10.25 | 10.25 | 10.25 | 10.15 | 10.35 |
| Tetrachloro-m-xylene | 4.53  | 4.53  | 4.52  | 4.52  | 4.53  | 4.53  | 4.43  | 4.63  |

### RETENTION TIMES OF INITIAL CALIBRATION

|                |               |                      |              |                   |                   |          |              |
|----------------|---------------|----------------------|--------------|-------------------|-------------------|----------|--------------|
| Contract:      | <u>WALS01</u> |                      |              |                   |                   |          |              |
| Lab Code:      | <u>CHEM</u>   | Case No.:            | <u>Q1626</u> | SAS No.:          | <u>Q1626</u>      | SDG NO.: | <u>Q1626</u> |
| Instrument ID: | <u>ECD_P</u>  | Calibration Date(s): |              | <u>03/11/2025</u> | <u>03/11/2025</u> |          |              |
|                |               | Calibration Times:   |              | <u>15:13</u>      | <u>23:38</u>      |          |              |

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

LAB FILE ID: RT 1000 = PP070419.D RT 750 = PP070420.D  
RT 500 = PP070421.D RT 250 = PP070422.D RT 050 = PP070423.D

[illegible]

[illegible]

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

**Contract:** WALS01  
**Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626 **SDG NO.:** Q1626  
**Instrument ID:** ECD\_P **Calibration Date(s):** 03/11/2025 03/11/2025  
**Calibration Times:** 15:13 23:38

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

| LAB FILE ID:               |     | CF 1000 = <u>PP070419.D</u> |            | CF 750 = <u>PP070420.D</u> |            |            |       |
|----------------------------|-----|-----------------------------|------------|----------------------------|------------|------------|-------|
| CF 500 = <u>PP070421.D</u> |     | CF 250 = <u>PP070422.D</u>  |            | CF 050 = <u>PP070423.D</u> |            |            |       |
| COMPOUND                   |     | CF 1000                     | CF 750     | CF 500                     | CF 250     | CF 050     | % RSD |
| Aroclor-1016-1             | (1) | 46284919                    | 48624555   | 51195480                   | 56320148   | 56830900   | 9     |
| Aroclor-1016-2             | (2) | 68727144                    | 72260815   | 75092688                   | 79473188   | 62170340   | 9     |
| Aroclor-1016-3             | (3) | 41881157                    | 43836071   | 46346194                   | 49629608   | 45996640   | 6     |
| Aroclor-1016-4             | (4) | 34693414                    | 37117197   | 39579046                   | 42287028   | 41512180   | 8     |
| Aroclor-1016-5             | (5) | 32535779                    | 33720589   | 35503344                   | 36571056   | 34779300   | 5     |
| Aroclor-1260-1             | (1) | 55067637                    | 58265401   | 60660348                   | 63250936   | 56446720   | 6     |
| Aroclor-1260-2             | (2) | 75483004                    | 79277409   | 82983970                   | 87347188   | 85123440   | 6     |
| Aroclor-1260-3             | (3) | 62678610                    | 64989695   | 68010270                   | 70682128   | 62427680   | 5     |
| Aroclor-1260-4             | (4) | 60990738                    | 64683661   | 66152948                   | 69503548   | 65382940   | 5     |
| Aroclor-1260-5             | (5) | 130557968                   | 135103443  | 140419232                  | 146528904  | 130778620  | 5     |
| Decachlorobiphenyl         |     | 1005446690                  | 1044219213 | 1084386360                 | 1134008440 | 1043654800 | 5     |
| Tetrachloro-m-xylene       |     | 1462968010                  | 1529300040 | 1575427920                 | 1661278640 | 1547936200 | 5     |
| Aroclor-1232-1             | (1) | 31812517                    | 33409335   | 34815870                   | 38072588   | 39676960   | 9     |
| Aroclor-1232-2             | (2) | 16331114                    | 17367928   | 17709532                   | 17293972   | 15638140   | 5     |
| Aroclor-1232-3             | (3) | 33685372                    | 35206453   | 37651060                   | 39178940   | 37126640   | 6     |
| Aroclor-1232-4             | (4) | 17112653                    | 18207945   | 18881288                   | 20579940   | 20189680   | 8     |
| Aroclor-1232-5             | (5) | 12358074                    | 13019340   | 13596998                   | 11696560   | 14140280   | 7     |
| Decachlorobiphenyl         |     | 1007346640                  | 1061633867 | 1110112680                 | 1150608440 | 1055455400 | 5     |
| Tetrachloro-m-xylene       |     | 1503870440                  | 1587673493 | 1628432540                 | 1684437880 | 1564380200 | 4     |
| Aroclor-1242-1             | (1) | 39253435                    | 41704367   | 43482132                   | 47856472   | 49946320   | 10    |
| Aroclor-1242-2             | (2) | 58252556                    | 60113944   | 62228844                   | 66050560   | 60258320   | 5     |
| Aroclor-1242-3             | (3) | 35362447                    | 36380501   | 38652894                   | 41645404   | 33464760   | 9     |
| Aroclor-1242-4             | (4) | 29479509                    | 30833784   | 32552722                   | 35082164   | 32717220   | 7     |
| Aroclor-1242-5             | (5) | 29991669                    | 31404576   | 32011208                   | 32699504   | 29130640   | 5     |
| Decachlorobiphenyl         |     | 1017143570                  | 1063398627 | 1098678020                 | 1146617040 | 1019213600 | 5     |
| Tetrachloro-m-xylene       |     | 1483500490                  | 1538532373 | 1587702840                 | 1655080400 | 1578490200 | 4     |
| Aroclor-1248-1             | (1) | 30241509                    | 31836707   | 34371560                   | 37879708   | 36450300   | 9     |
| Aroclor-1248-2             | (2) | 39839483                    | 41732589   | 44072986                   | 47187728   | 39403540   | 8     |
| Aroclor-1248-3             | (3) | 43671743                    | 45535401   | 47272778                   | 48829472   | 45433820   | 4     |
| Aroclor-1248-4             | (4) | 52673121                    | 54800967   | 57547552                   | 61348180   | 63586480   | 8     |
| Aroclor-1248-5             | (5) | 49495855                    | 52225937   | 54279376                   | 57435820   | 54999800   | 6     |
| Decachlorobiphenyl         |     | 1018745530                  | 1065079280 | 1110066380                 | 1164168240 | 1044426200 | 5     |
| Tetrachloro-m-xylene       |     | 1464367110                  | 1509550200 | 1593080400                 | 1654989520 | 1637278400 | 5     |
| Aroclor-1254-1             | (1) | 52191144                    | 54776691   | 58408862                   | 62528540   | 58393680   | 7     |

### CALIBRATION FACTOR OF INITIAL CALIBRATION

|                      |     |            |            |            |            |            |            |   |
|----------------------|-----|------------|------------|------------|------------|------------|------------|---|
| Aroclor-1254-2       | (2) | 76163232   | 79292283   | 83746208   | 89006644   | 77052340   | 81052141   | 7 |
| Aroclor-1254-3       | (3) | 78867294   | 81324341   | 86343146   | 90140028   | 84184220   | 84171806   | 5 |
| Aroclor-1254-4       | (4) | 65665428   | 68036704   | 71633390   | 75767876   | 69582520   | 70137184   | 5 |
| Aroclor-1254-5       | (5) | 65604720   | 67856063   | 71049052   | 74607116   | 70169360   | 69857262   | 5 |
| Decachlorobiphenyl   |     | 1051774640 | 1084735960 | 1131757040 | 1190025520 | 1071423800 | 1105943392 | 5 |
| Tetrachloro-m-xylene |     | 1491401080 | 1547951320 | 1596952960 | 1679816880 | 1638007800 | 1590826008 | 5 |
| Aroclor-1268-1       | (1) | 188529701  | 191493623  | 201496426  | 211079324  | 198399040  | 198199623  | 4 |
| Aroclor-1268-2       | (2) | 162712211  | 165423828  | 173208520  | 180425992  | 166812140  | 169716538  | 4 |
| Aroclor-1268-3       | (3) | 139964894  | 142620983  | 149835492  | 155687892  | 143563980  | 146334648  | 4 |
| Aroclor-1268-4       | (4) | 62601215   | 63262983   | 66177076   | 67604984   | 59759620   | 63881176   | 5 |
| Aroclor-1268-5       | (5) | 401160937  | 407647449  | 423231624  | 443337256  | 421401480  | 419355749  | 4 |
| Decachlorobiphenyl   |     | 1797305300 | 1841882720 | 1928545440 | 2018232880 | 1865263000 | 1890245868 | 5 |
| Tetrachloro-m-xylene |     | 1559644910 | 1556664040 | 1644040220 | 1708675120 | 1710882200 | 1635981298 | 5 |

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

**Contract:** WALS01  
**Lab Code:** CHEM **Case No.:** Q1626 **SAS No.:** Q1626 **SDG NO.:** Q1626  
**Instrument ID:** ECD\_P **Calibration Date(s):** 03/11/2025 03/11/2025  
**Calibration Times:** 15:13 23:38

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

| LAB FILE ID:               |     | CF 1000 = <u>PP070419.D</u> |            | CF 750 = <u>PP070420.D</u> |            |            |            |
|----------------------------|-----|-----------------------------|------------|----------------------------|------------|------------|------------|
| CF 500 = <u>PP070421.D</u> |     | CF 250 = <u>PP070422.D</u>  |            | CF 050 = <u>PP070423.D</u> |            |            |            |
| COMPOUND                   |     | CF 1000                     | CF 750     | CF 500                     | CF 250     | CF 050     | % RSD      |
| Aroclor-1016-1             | (1) | 31619052                    | 35012463   | 36116294                   | 39457560   | 37557300   | 35952534   |
| Aroclor-1016-2             | (2) | 44662617                    | 48866077   | 51001758                   | 55603496   | 59699380   | 51966666   |
| Aroclor-1016-3             | (3) | 24906943                    | 27191785   | 28703256                   | 30683884   | 30781120   | 28453398   |
| Aroclor-1016-4             | (4) | 19770953                    | 21670935   | 22902960                   | 24389748   | 23214920   | 22389903   |
| Aroclor-1016-5             | (5) | 25646269                    | 27397575   | 29268330                   | 32409960   | 33872260   | 29718879   |
| Aroclor-1260-1             | (1) | 45267436                    | 47641613   | 50061678                   | 53643092   | 52308080   | 49784380   |
| Aroclor-1260-2             | (2) | 60652513                    | 64073769   | 66616364                   | 70066968   | 69027800   | 66087483   |
| Aroclor-1260-3             | (3) | 52248928                    | 55432315   | 57823148                   | 61011000   | 59471320   | 57197342   |
| Aroclor-1260-4             | (4) | 47067710                    | 49841909   | 53961982                   | 55559372   | 49386640   | 51163523   |
| Aroclor-1260-5             | (5) | 123950775                   | 130046140  | 135804906                  | 136761852  | 117362580  | 128785251  |
| Decachlorobiphenyl         |     | 935400030                   | 944501173  | 996009380                  | 1027099200 | 988797000  | 978361357  |
| Tetrachloro-m-xylene       |     | 901898260                   | 976425347  | 1019517980                 | 1052535320 | 1061027800 | 1002280941 |
| Aroclor-1232-1             | (1) | 23977464                    | 25043855   | 25876362                   | 28218616   | 28432280   | 26309715   |
| Aroclor-1232-2             | (2) | 23409194                    | 24148587   | 25178540                   | 27689696   | 28634420   | 25812087   |
| Aroclor-1232-3             | (3) | 12864968                    | 13117912   | 13753150                   | 14320588   | 15988100   | 14008944   |
| Aroclor-1232-4             | (4) | 10909254                    | 11094221   | 11677434                   | 12331552   | 12548800   | 11712252   |
| Aroclor-1232-5             | (5) | 12122932                    | 12663212   | 13051746                   | 13538632   | 13963480   | 13068000   |
| Decachlorobiphenyl         |     | 923591970                   | 934486067  | 965069440                  | 1131453800 | 1083832600 | 1007686775 |
| Tetrachloro-m-xylene       |     | 981294310                   | 1023698747 | 1027014040                 | 1102661240 | 1188146200 | 1064562907 |
| Aroclor-1242-1             | (1) | 28374294                    | 28991207   | 30174104                   | 32528448   | 32989020   | 30611415   |
| Aroclor-1242-2             | (2) | 40120133                    | 40663773   | 41940388                   | 45612680   | 49650880   | 43597571   |
| Aroclor-1242-3             | (3) | 22172127                    | 22503904   | 23797688                   | 25561184   | 25126720   | 23832325   |
| Aroclor-1242-4             | (4) | 20777408                    | 21261321   | 22368954                   | 23941300   | 21863540   | 22042505   |
| Aroclor-1242-5             | (5) | 26011255                    | 26949576   | 28142034                   | 29660872   | 28841860   | 27921119   |
| Decachlorobiphenyl         |     | 890780220                   | 996610280  | 1018649180                 | 1070124720 | 1151487200 | 1025530320 |
| Tetrachloro-m-xylene       |     | 949681240                   | 969479187  | 1000171980                 | 1041407720 | 1043402000 | 1000828425 |
| Aroclor-1248-1             | (1) | 21916865                    | 22139940   | 24138102                   | 25281632   | 23901120   | 23475532   |
| Aroclor-1248-2             | (2) | 28154371                    | 29147072   | 31604814                   | 33306732   | 34304240   | 31303446   |
| Aroclor-1248-3             | (3) | 29522180                    | 30421332   | 32954472                   | 34362676   | 31347200   | 31721572   |
| Aroclor-1248-4             | (4) | 34974296                    | 35760019   | 38441344                   | 40862964   | 44827240   | 38973173   |
| Aroclor-1248-5             | (5) | 34216861                    | 35543065   | 38522800                   | 40509348   | 41641320   | 38086679   |
| Decachlorobiphenyl         |     | 933290630                   | 982033680  | 1000188180                 | 1068098600 | 1015594400 | 999841098  |
| Tetrachloro-m-xylene       |     | 948607640                   | 978544213  | 1031768560                 | 1070844800 | 1068084800 | 1019570003 |
| Aroclor-1254-1             | (1) | 49741488                    | 53083060   | 56518628                   | 60344088   | 61926700   | 56322793   |

### CALIBRATION FACTOR OF INITIAL CALIBRATION

|                      |     |            |            |            |            |            |            |   |
|----------------------|-----|------------|------------|------------|------------|------------|------------|---|
| Aroclor-1254-2       | (2) | 43195538   | 45981229   | 48525194   | 52438220   | 54392240   | 48906484   | 9 |
| Aroclor-1254-3       | (3) | 69004581   | 72181184   | 75732026   | 81417896   | 78754240   | 75417985   | 7 |
| Aroclor-1254-4       | (4) | 48529875   | 50966111   | 53417608   | 57048936   | 53797000   | 52751906   | 6 |
| Aroclor-1254-5       | (5) | 63254548   | 65263447   | 68912458   | 73214624   | 74627960   | 69054607   | 7 |
| Decachlorobiphenyl   |     | 966187920  | 982212947  | 1086993960 | 1153126680 | 1151501200 | 1068004541 | 8 |
| Tetrachloro-m-xylene |     | 967205180  | 984098413  | 1019987640 | 1086171680 | 989309800  | 1009354543 | 5 |
| Aroclor-1268-1       | (1) | 168373725  | 166057156  | 179047242  | 187011272  | 174871700  | 175072219  | 5 |
| Aroclor-1268-2       | (2) | 142006892  | 140092196  | 149842434  | 153490708  | 144862740  | 146058994  | 4 |
| Aroclor-1268-3       | (3) | 125351560  | 120465205  | 129564250  | 133099628  | 133160800  | 128328289  | 4 |
| Aroclor-1268-4       | (4) | 54287293   | 53233979   | 56809814   | 58479952   | 52090820   | 54980372   | 5 |
| Aroclor-1268-5       | (5) | 364151928  | 362236821  | 378313444  | 380892964  | 354578080  | 368034647  | 3 |
| Decachlorobiphenyl   |     | 1632116030 | 1658280453 | 1742317540 | 1836812000 | 1806314000 | 1735168005 | 5 |
| Tetrachloro-m-xylene |     | 1019432100 | 1034489600 | 1102868440 | 1184868600 | 1114308600 | 1091193468 | 6 |



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

### INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: WALS01

Lab Code: CHEM Case No.: Q1626 SAS No.: Q1626 SDG NO.: Q1626

Instrument ID: ECD\_P Date(s) Analyzed: 03/11/2025 03/11/2025

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    | 4.73 | 4.63      | 4.83 | 19940100              |
|              |                | 2    | 4.81 | 4.71      | 4.91 | 14608700              |
|              |                | 3    | 4.89 | 4.79      | 4.99 | 44364600              |
|              |                | 4    | 0.00 |           |      | 0                     |
|              |                | 5    | 0.00 |           |      | 0                     |
| Aroclor-1262 | 500            | 1    | 8.11 | 8.01      | 8.21 | 81718600              |
|              |                | 2    | 8.43 | 8.33      | 8.53 | 164714000             |
|              |                | 3    | 8.75 | 8.65      | 8.85 | 112164000             |
|              |                | 4    | 8.83 | 8.73      | 8.93 | 83803800              |
|              |                | 5    | 9.49 | 9.39      | 9.59 | 58896200              |



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

# INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: WALS01

Lab Code: CHEM Case No.: Q1626 SAS No.: Q1626 SDG NO.: Q1626

Instrument ID: ECD\_P Date(s) Analyzed: 03/11/2025 03/11/2025

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    | 4.04 | 3.94      | 4.14 | 14882500              |
|              |                | 2    | 4.13 | 4.03      | 4.23 | 11429100              |
|              |                | 3    | 4.20 | 4.10      | 4.30 | 33421800              |
|              |                | 4    | 0.00 |           |      | 0                     |
|              |                | 5    | 0.00 |           |      | 0                     |
| Aroclor-1262 | 500            | 1    | 6.96 | 6.86      | 7.06 | 83664000              |
|              |                | 2    | 7.22 | 7.12      | 7.32 | 68729800              |
|              |                | 3    | 7.74 | 7.64      | 7.84 | 65986200              |
|              |                | 4    | 7.81 | 7.71      | 7.91 | 104435000             |
|              |                | 5    | 8.31 | 8.21      | 8.41 | 51550000              |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
 Data File : PP070419.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 15:13  
 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: Mar 11 15:59:47 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 15:56:33 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...          | 4.526  | 3.829 | 146.3E6  | 90189826 | 96.299  | 93.878  |
| 2) SA Decachlor...          | 10.254 | 8.881 | 100.5E6  | 93540003 | 96.223  | 96.862  |
| Target Compounds            |        |       |          |          |         |         |
| 3) L1 AR-1016-1             | 5.679  | 4.917 | 46284919 | 31619052 | 949.625 | 933.606 |
| 4) L1 AR-1016-2             | 5.700  | 4.935 | 68727144 | 44662617 | 955.739 | 933.736 |
| 5) L1 AR-1016-3             | 5.763  | 5.112 | 41881157 | 24906943 | 949.392 | 929.187 |
| 6) L1 AR-1016-4             | 5.860  | 5.154 | 34693414 | 19770953 | 934.220 | 926.606 |
| 7) L1 AR-1016-5             | 6.153  | 5.369 | 32535779 | 25646269 | 956.384 | 934.042 |
| 31) L7 AR-1260-1            | 7.273  | 6.406 | 55067637 | 45267436 | 951.674 | 949.709 |
| 32) L7 AR-1260-2            | 7.526  | 6.594 | 75483004 | 60652513 | 952.665 | 953.140 |
| 33) L7 AR-1260-3            | 7.886  | 6.748 | 62678610 | 52248928 | 959.203 | 949.358 |
| 34) L7 AR-1260-4            | 8.110  | 7.221 | 60990738 | 47067710 | 959.399 | 931.760 |
| 35) L7 AR-1260-5            | 8.431  | 7.462 | 130.6E6  | 124.0E6  | 963.609 | 954.364 |
| -----                       |        |       |          |          |         |         |

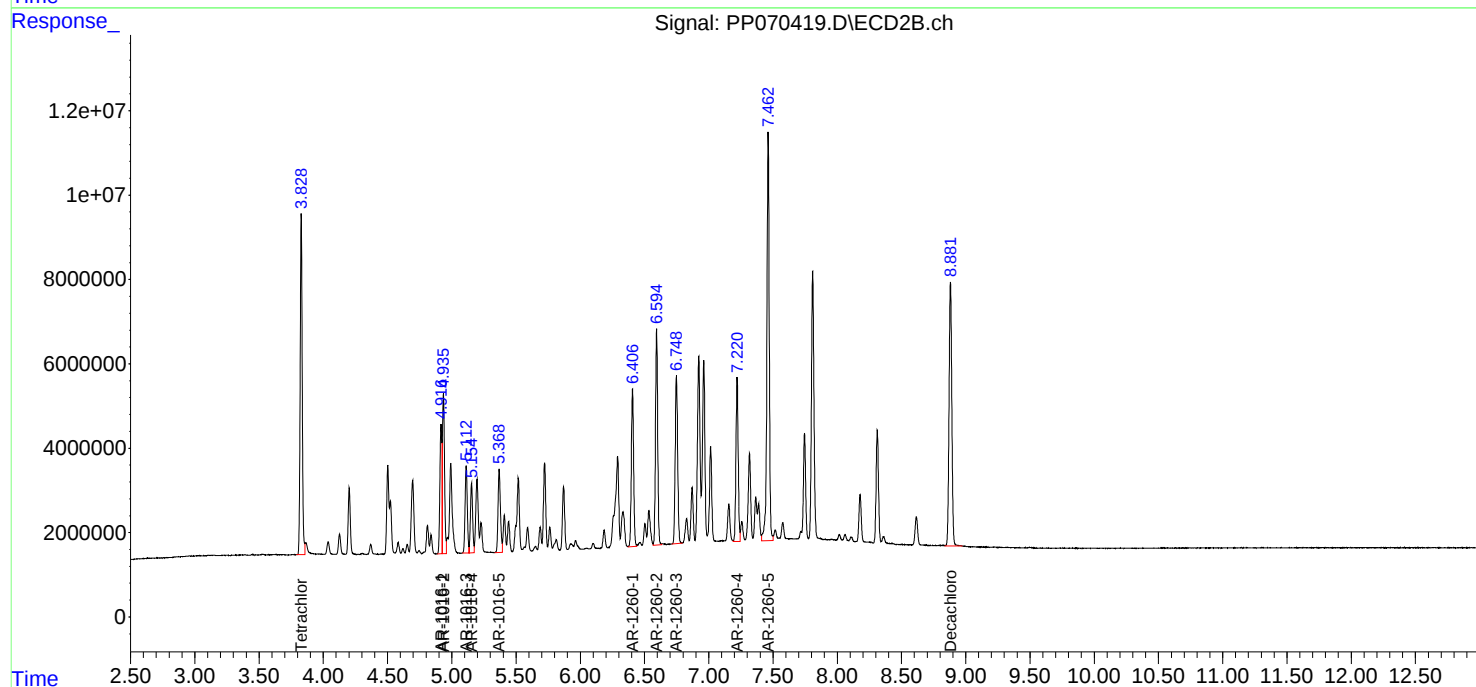
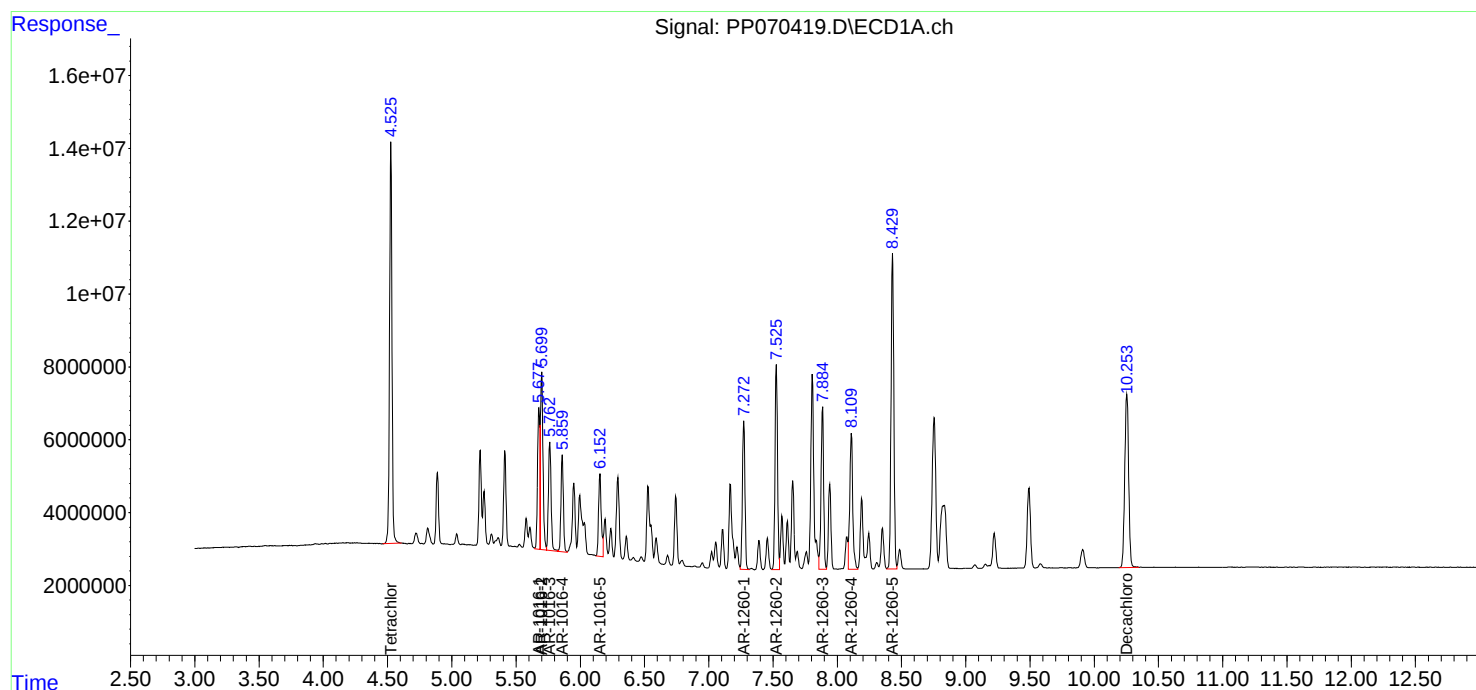
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070419.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 15:13  
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: Mar 11 15:59:47 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 15:56:33 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\PP031125\  
 Data File : PP070420.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 15:29  
 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: Mar 11 16:02:45 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 15:56:33 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...          | 4.524  | 3.829 | 114.7E6  | 73231901 | 75.332  | 75.814  |
| 2) SA Decachlor...          | 10.251 | 8.881 | 78316441 | 70837588 | 74.967  | 73.894  |
| Target Compounds            |        |       |          |          |         |         |
| 3) L1 AR-1016-1             | 5.677  | 4.916 | 36468416 | 26259347 | 748.813 | 766.713 |
| 4) L1 AR-1016-2             | 5.699  | 4.935 | 54195611 | 36649558 | 752.436 | 760.730 |
| 5) L1 AR-1016-3             | 5.761  | 5.112 | 32877053 | 20393839 | 746.847 | 757.178 |
| 6) L1 AR-1016-4             | 5.858  | 5.154 | 27837898 | 16253201 | 749.744 | 757.786 |
| 7) L1 AR-1016-5             | 6.151  | 5.369 | 25290442 | 20548181 | 745.593 | 748.912 |
| 31) L7 AR-1260-1            | 7.270  | 6.405 | 43699051 | 35731210 | 753.461 | 749.759 |
| 32) L7 AR-1260-2            | 7.524  | 6.594 | 59458057 | 48055327 | 750.277 | 753.444 |
| 33) L7 AR-1260-3            | 7.882  | 6.748 | 48742271 | 41574236 | 747.281 | 753.592 |
| 34) L7 AR-1260-4            | 8.108  | 7.221 | 48512746 | 37381432 | 758.694 | 743.310 |
| 35) L7 AR-1260-5            | 8.428  | 7.461 | 101.3E6  | 97534605 | 748.577 | 750.648 |
| -----                       |        |       |          |          |         |         |

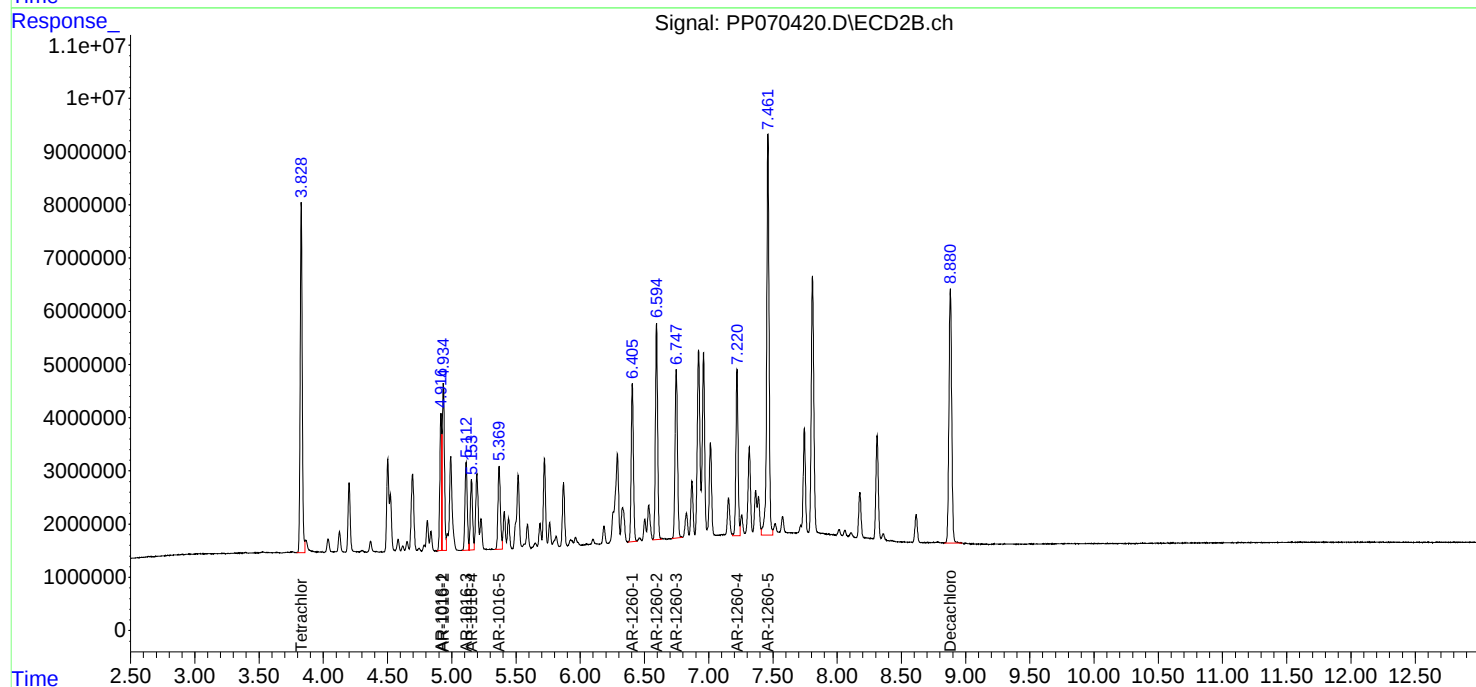
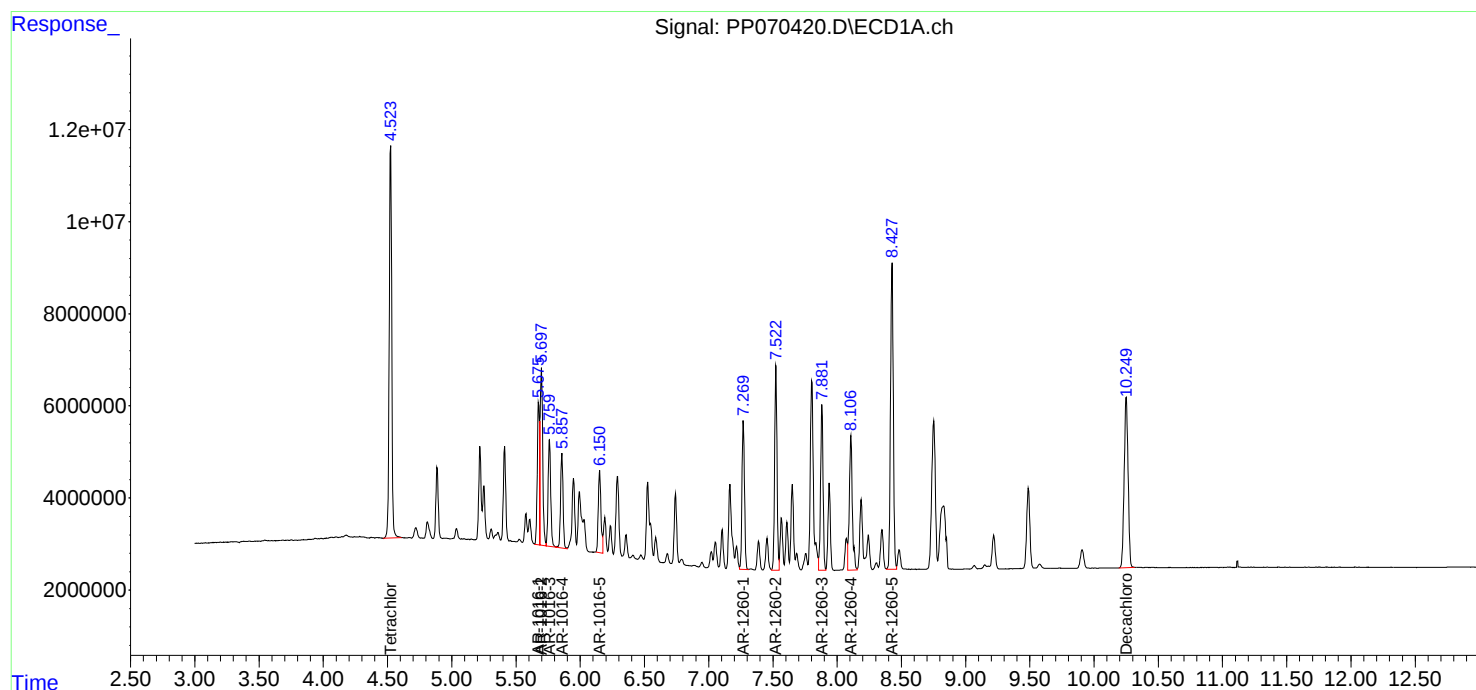
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070420.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 15:29  
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: Mar 11 16:02:45 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 15:56:33 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\PP031125\  
 Data File : PP070421.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 15:46  
 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: Mar 11 15:56:56 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 15:56:33 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...          | 4.524  | 3.829 | 78771396 | 50975899 | 50.000  | 50.000  |
| 2) SA Decachlor...          | 10.252 | 8.881 | 54219318 | 49800469 | 50.000  | 50.000  |
| Target Compounds            |        |       |          |          |         |         |
| 3) L1 AR-1016-1             | 5.677  | 4.917 | 25597740 | 18058147 | 500.000 | 500.000 |
| 4) L1 AR-1016-2             | 5.699  | 4.936 | 37546344 | 25500879 | 500.000 | 500.000 |
| 5) L1 AR-1016-3             | 5.761  | 5.113 | 23173097 | 14351628 | 500.000 | 500.000 |
| 6) L1 AR-1016-4             | 5.858  | 5.154 | 19789523 | 11451480 | 500.000 | 500.000 |
| 7) L1 AR-1016-5             | 6.151  | 5.370 | 17751672 | 14634165 | 500.000 | 500.000 |
| 31) L7 AR-1260-1            | 7.271  | 6.407 | 30330174 | 25030839 | 500.000 | 500.000 |
| 32) L7 AR-1260-2            | 7.525  | 6.595 | 41491985 | 33308182 | 500.000 | 500.000 |
| 33) L7 AR-1260-3            | 7.883  | 6.749 | 34005135 | 28911574 | 500.000 | 500.000 |
| 34) L7 AR-1260-4            | 8.108  | 7.221 | 33076474 | 26980991 | 500.000 | 500.000 |
| 35) L7 AR-1260-5            | 8.428  | 7.462 | 70209616 | 67902453 | 500.000 | 500.000 |
| -----                       |        |       |          |          |         |         |

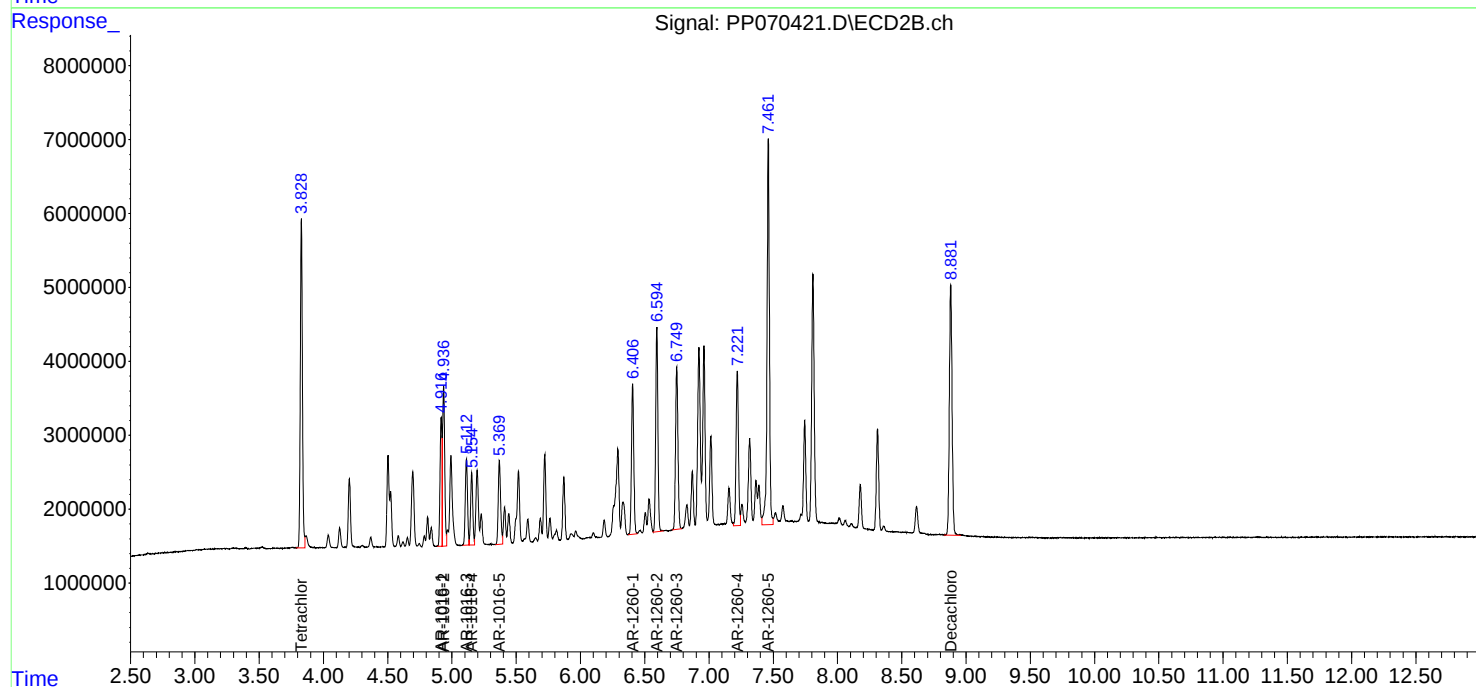
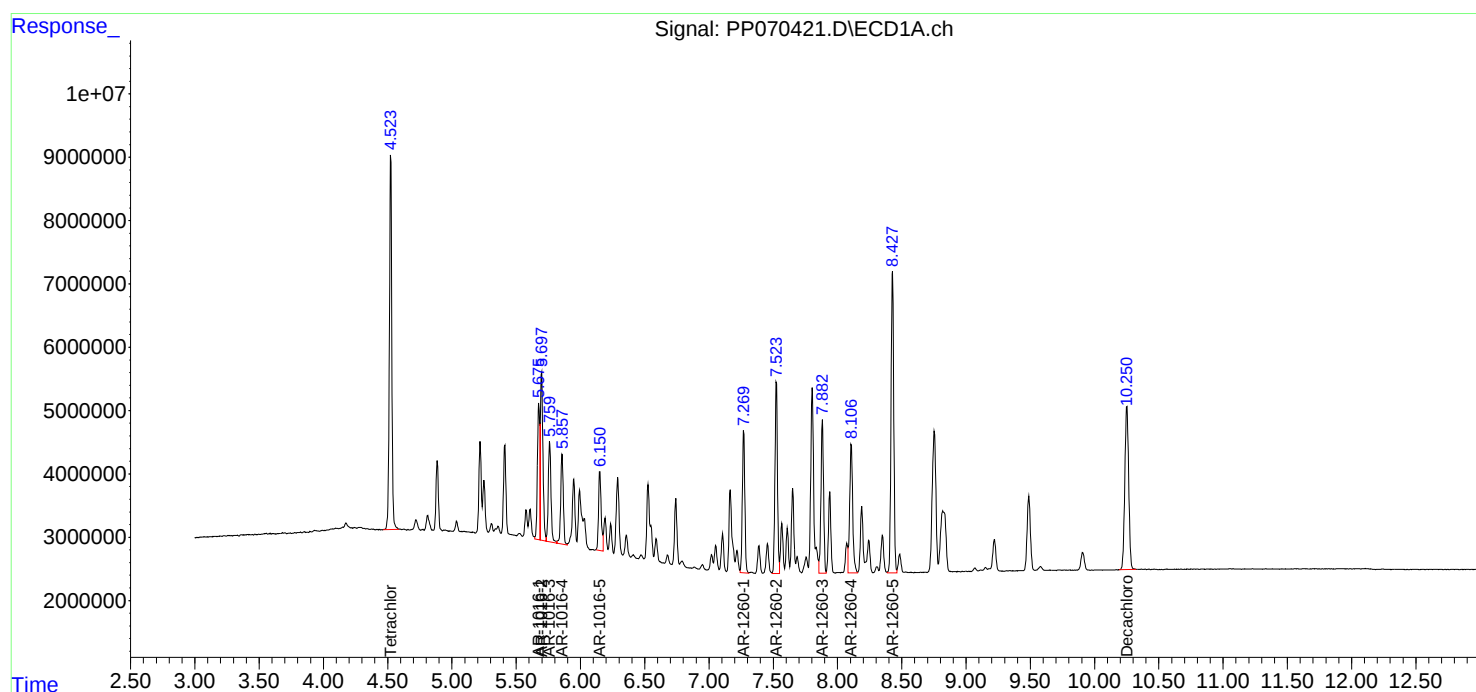
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070421.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 15:46  
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: Mar 11 15:56:56 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 15:56:33 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\PP031125\  
 Data File : PP070422.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 16:02  
 Operator : YP\AJ  
 Sample : AR1660ICC250  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1660ICC250

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 03/12/2025  
 Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 16:15:22 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 16:15:10 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...          | 4.526  | 3.828 | 41531966 | 26313383 | 26.670  | 26.644  |
| 2) SA Decachlor...          | 10.255 | 8.880 | 28350211 | 25677480 | 26.570  | 26.327m |
|                             |        |       |          |          |         |         |
| Target Compounds            |        |       |          |          |         |         |
| 3) L1 AR-1016-1             | 5.678  | 4.916 | 14080037 | 9864390  | 278.227 | 277.469 |
| 4) L1 AR-1016-2             | 5.700  | 4.935 | 19868297 | 13900874 | 268.896 | 277.831 |
| 5) L1 AR-1016-3             | 5.762  | 5.112 | 12407402 | 7670971  | 273.151 | 275.227 |
| 6) L1 AR-1016-4             | 5.859  | 5.154 | 10571757 | 6097437  | 275.169 | 274.862 |
| 7) L1 AR-1016-5             | 6.153  | 5.369 | 9142764  | 8102490  | 264.374 | 282.508 |
| 31) L7 AR-1260-1            | 7.272  | 6.406 | 15812734 | 13410773 | 266.607 | 272.835 |
| 32) L7 AR-1260-2            | 7.526  | 6.594 | 21836797 | 17516742 | 268.685 | 268.035 |
| 33) L7 AR-1260-3            | 7.885  | 6.749 | 17670532 | 15252750 | 265.362 | 269.346 |
| 34) L7 AR-1260-4            | 8.110  | 7.220 | 17375887 | 13889843 | 265.960 | 269.143 |
| 35) L7 AR-1260-5            | 8.430  | 7.461 | 36632226 | 34190463 | 265.158 | 259.725 |
| -----                       |        |       |          |          |         |         |

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

```
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP031125\  
Data File : PP070422.D  
Signal(s) : Signal #1: ECD1A.ch  Signal #2: ECD2B.ch  
Acq On    : 11 Mar 2025  16:02  
Operator  : YP\AJ  
Sample    : AR1660ICC250  
Misc      :  
ALS Vial  : 6    Sample Multiplier: 1
```

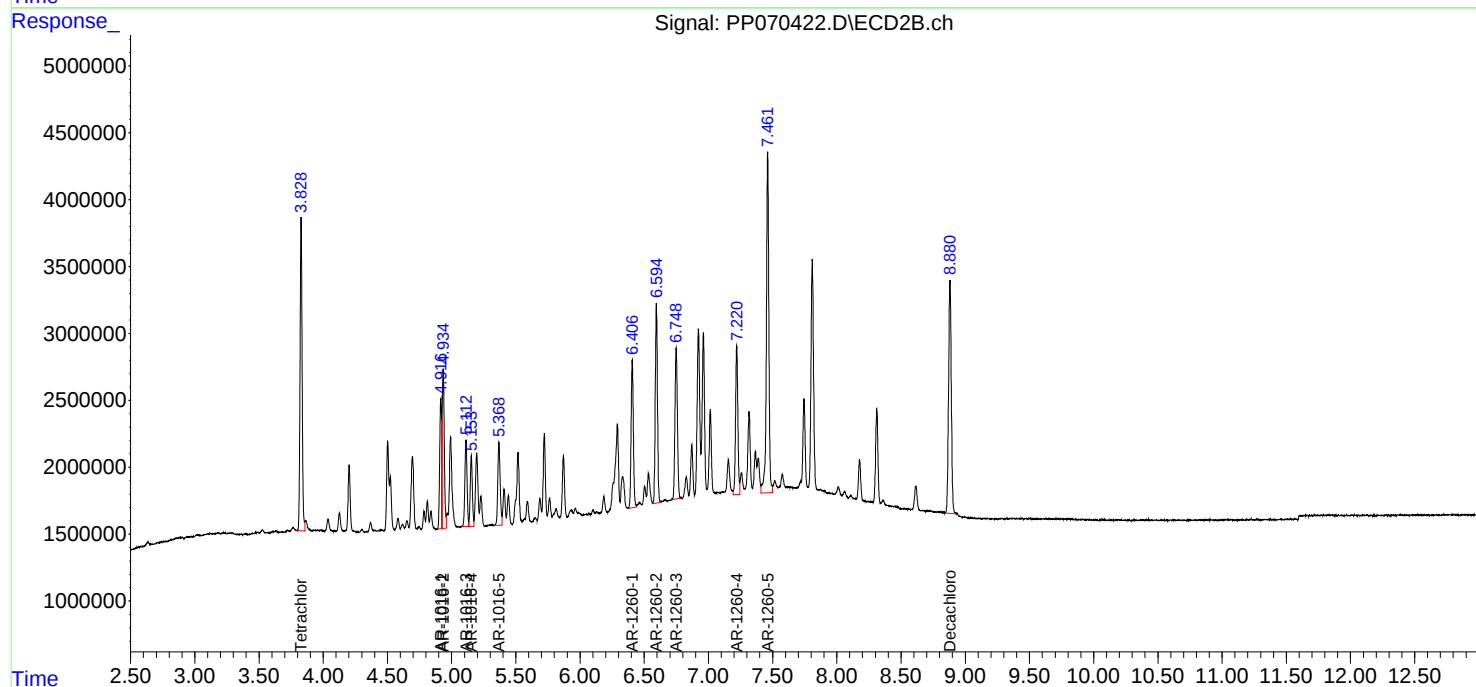
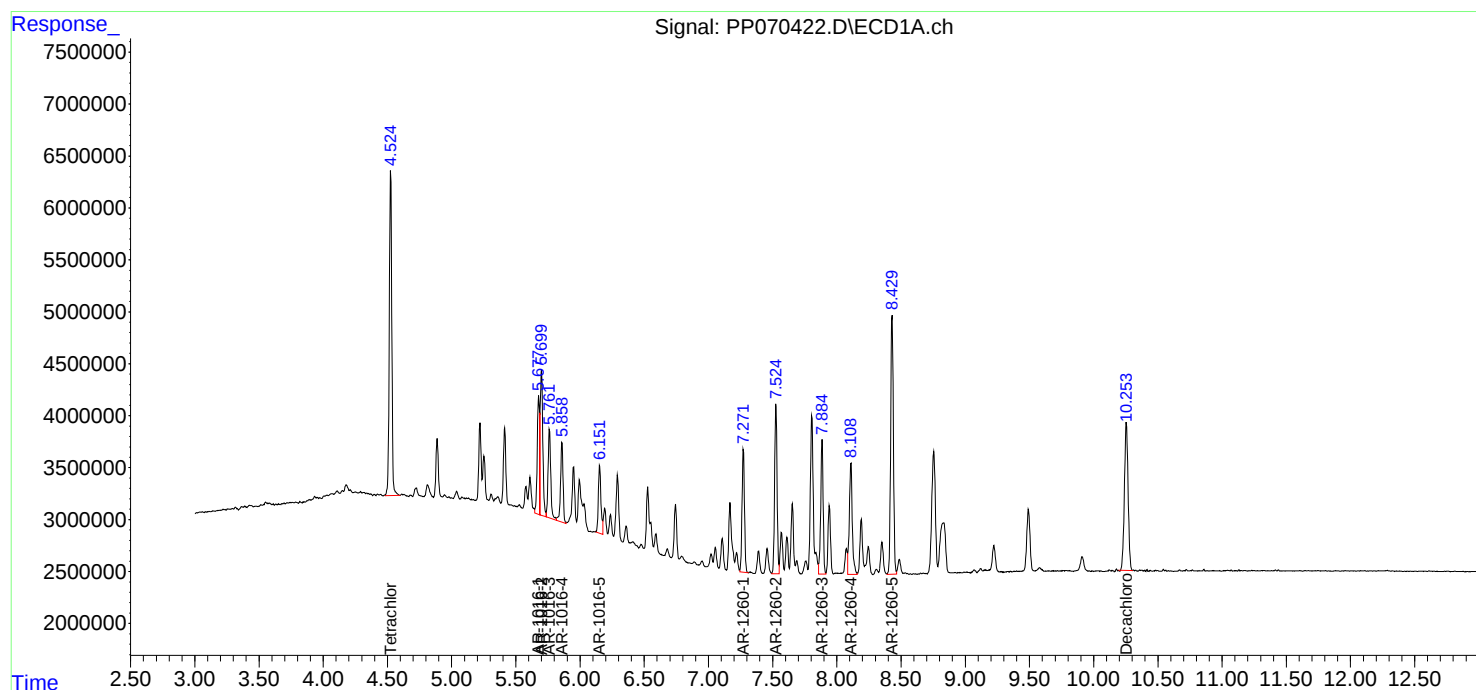
**Instrument :**  
ECD\_P  
**ClientSampleId :**  
AR1660ICC250

## Manual Integrations APPROVED

Reviewed By :Yogesh Patel 03/12/2025  
Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 16:15:22 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 16:15:10 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\PP031125\  
 Data File : PP070423.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 16:18  
 Operator : YP\AJ  
 Sample : AR1660ICC050  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1660ICC050

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 03/12/2025  
 Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 16:29:44 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 16:29:31 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...          | 4.526  | 3.828 | 7739681 | 5305139 | 4.976   | 5.293    |
| 2) SA Decachlor...          | 10.252 | 8.882 | 5218274 | 4943985 | 4.912   | 5.053    |
| Target Compounds            |        |       |         |         |         |          |
| 3) L1 AR-1016-1             | 5.676  | 4.917 | 2841545 | 1877865 | 53.987m | 52.232   |
| 4) L1 AR-1016-2             | 5.699  | 4.936 | 3108517 | 2984969 | 42.895m | 57.440 # |
| 5) L1 AR-1016-3             | 5.762  | 5.113 | 2299832 | 1539056 | 50.765m | 54.090   |
| 6) L1 AR-1016-4             | 5.859  | 5.154 | 2075609 | 1160746 | 53.599m | 51.842   |
| 7) L1 AR-1016-5             | 6.151  | 5.369 | 1738965 | 1693613 | 50.227  | 56.988   |
| 31) L7 AR-1260-1            | 7.273  | 6.407 | 2822336 | 2615404 | 48.049  | 52.535   |
| 32) L7 AR-1260-2            | 7.527  | 6.594 | 4256172 | 3451390 | 51.877  | 52.225   |
| 33) L7 AR-1260-3            | 7.885  | 6.749 | 3121384 | 2973566 | 47.468  | 51.988   |
| 34) L7 AR-1260-4            | 8.110  | 7.221 | 3269147 | 2469332 | 50.031  | 48.460m  |
| 35) L7 AR-1260-5            | 8.431  | 7.461 | 6538931 | 5868129 | 47.842  | 45.416m  |
| -----                       |        |       |         |         |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070423.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 16:18  
Operator : YP\AJ  
Sample : AR1660ICC050  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

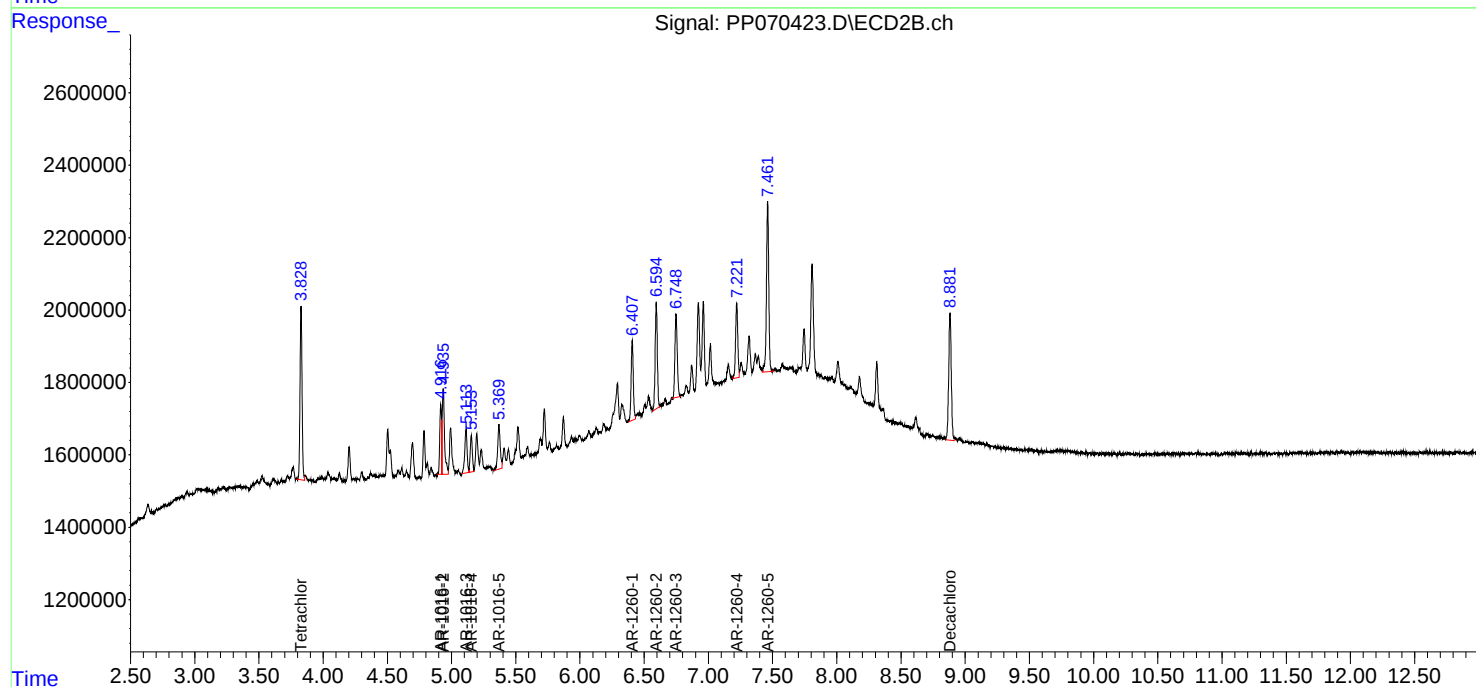
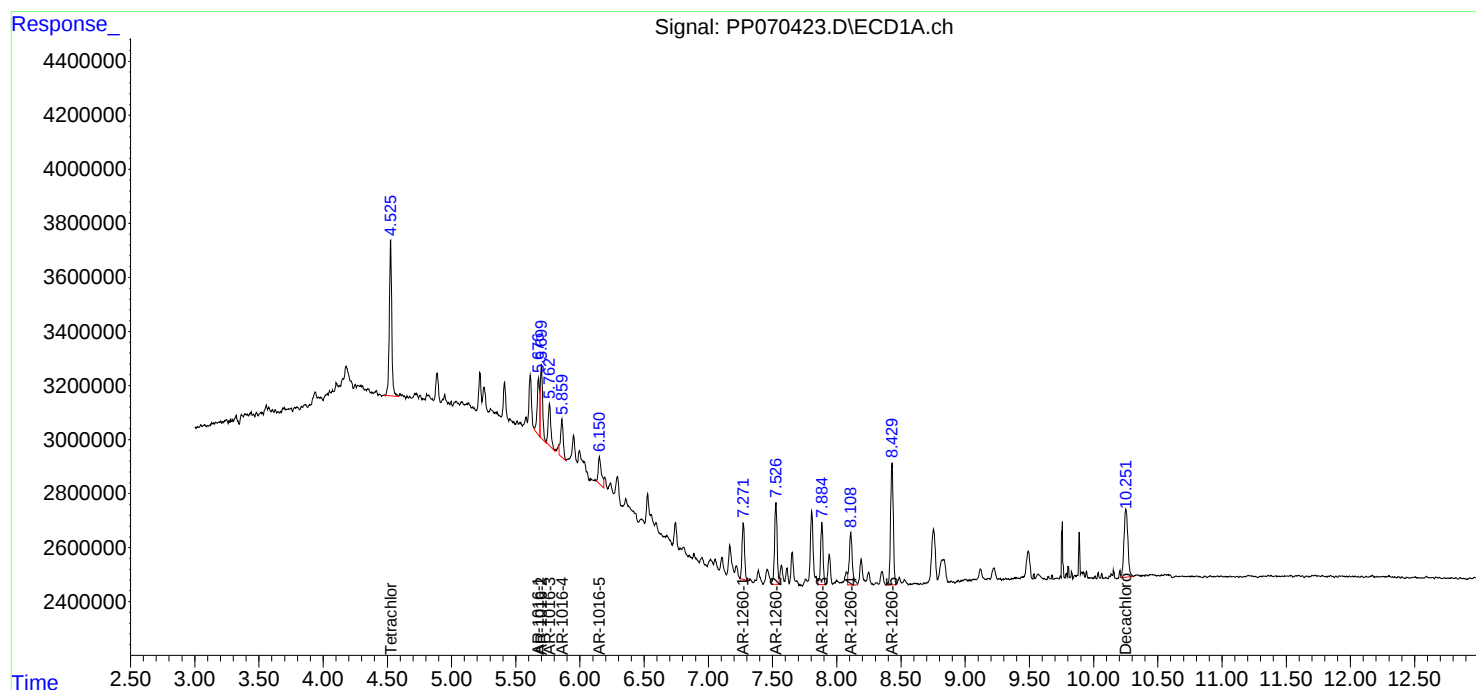
Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC050

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/12/2025  
Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 16:29:44 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 16:29:31 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\PP031125\  
 Data File : PP070424.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 16:34  
 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: Mar 11 21:54:36 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 21:54:12 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...          | 4.527  | 3.829 | 85559870 | 52860952 | 50.000  | 50.000  |
| 2) SA Decachlor...          | 10.253 | 8.882 | 57800559 | 48491420 | 50.000  | 50.000  |
| Target Compounds            |        |       |          |          |         |         |
| 8) L2 AR-1221-1             | 4.728  | 4.040 | 9970034  | 7441268  | 500.000 | 500.000 |
| 9) L2 AR-1221-2             | 4.814  | 4.127 | 7304344  | 5714551  | 500.000 | 500.000 |
| 10) L2 AR-1221-3            | 4.889  | 4.203 | 22182343 | 16710871 | 500.000 | 500.000 |
| -----                       |        |       |          |          |         |         |

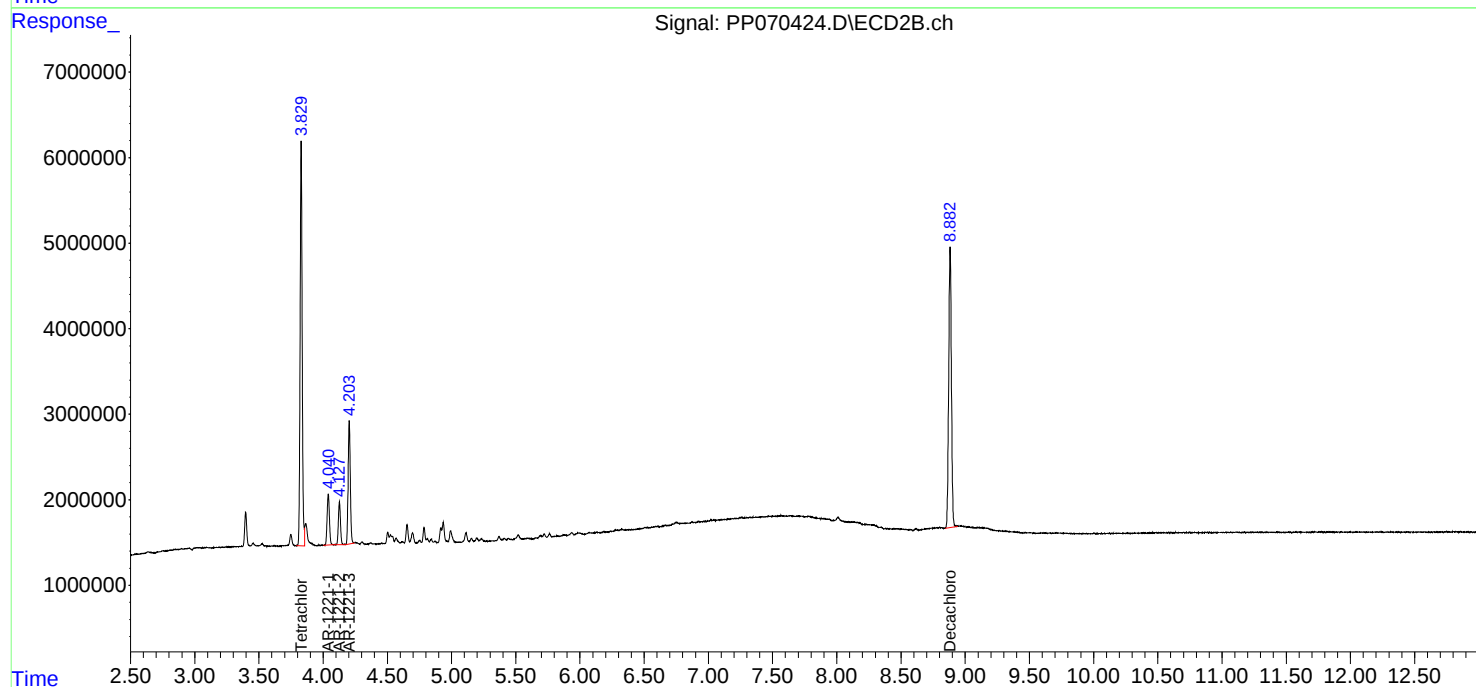
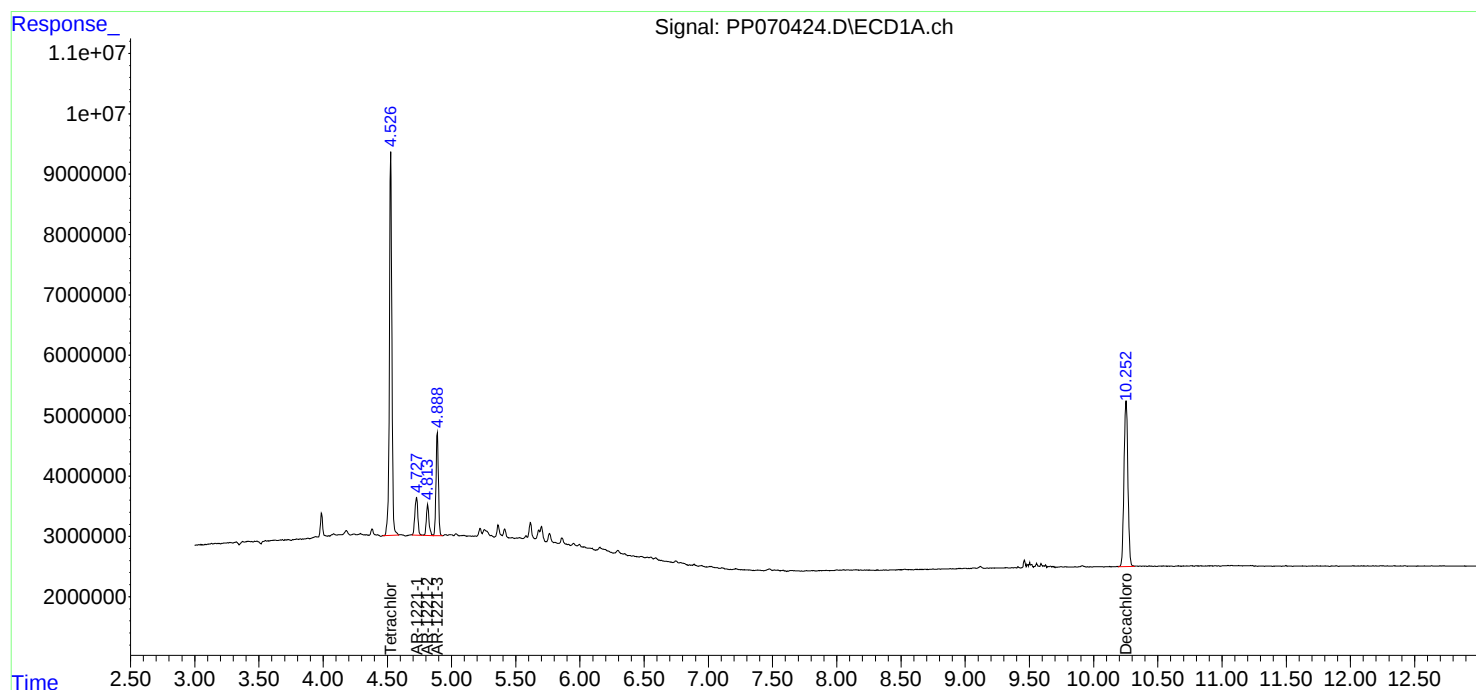
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070424.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 16:34  
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: Mar 11 21:54:36 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 21:54:12 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\PP031125\  
 Data File : PP070425.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 16:51  
 Operator : YP\AJ  
 Sample : AR1232ICC1000  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1232ICC1000

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 21:59:43 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 21:58:44 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...          | 4.525  | 3.828 | 150.4E6  | 98129431 | 92.351  | 95.548  |
| 2) SA Decachlor...          | 10.253 | 8.882 | 100.7E6  | 92359197 | 90.743  | 95.702  |
| Target Compounds            |        |       |          |          |         |         |
| 11) L3 AR-1232-1            | 4.887  | 4.202 | 31812517 | 23977464 | 913.736 | 926.616 |
| 12) L3 AR-1232-2            | 5.413  | 4.935 | 16331114 | 23409194 | 922.165 | 929.728 |
| 13) L3 AR-1232-3            | 5.699  | 5.112 | 33685372 | 12864968 | 894.673 | 935.420 |
| 14) L3 AR-1232-4            | 5.859  | 5.197 | 17112653 | 10909254 | 906.329 | 934.217 |
| 15) L3 AR-1232-5            | 5.949  | 5.369 | 12358074 | 12122932 | 908.882 | 928.836 |
| -----                       |        |       |          |          |         |         |

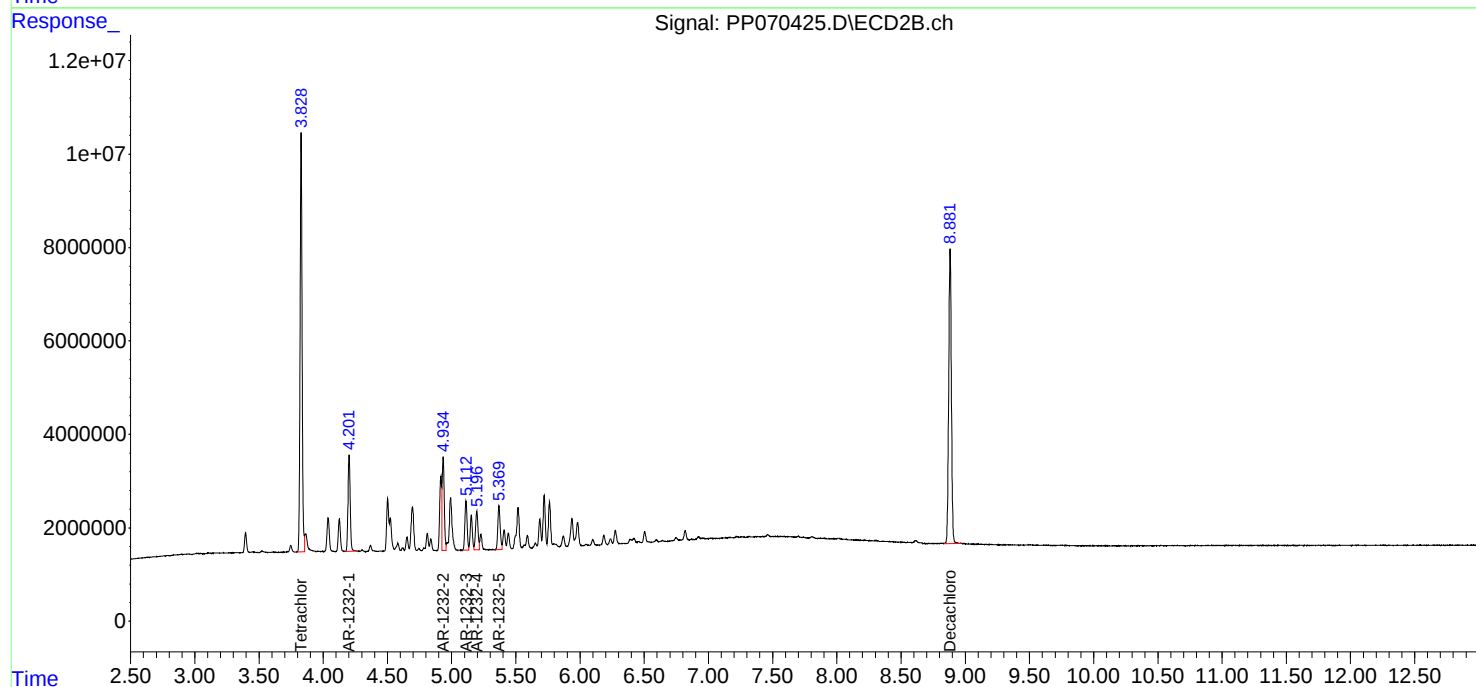
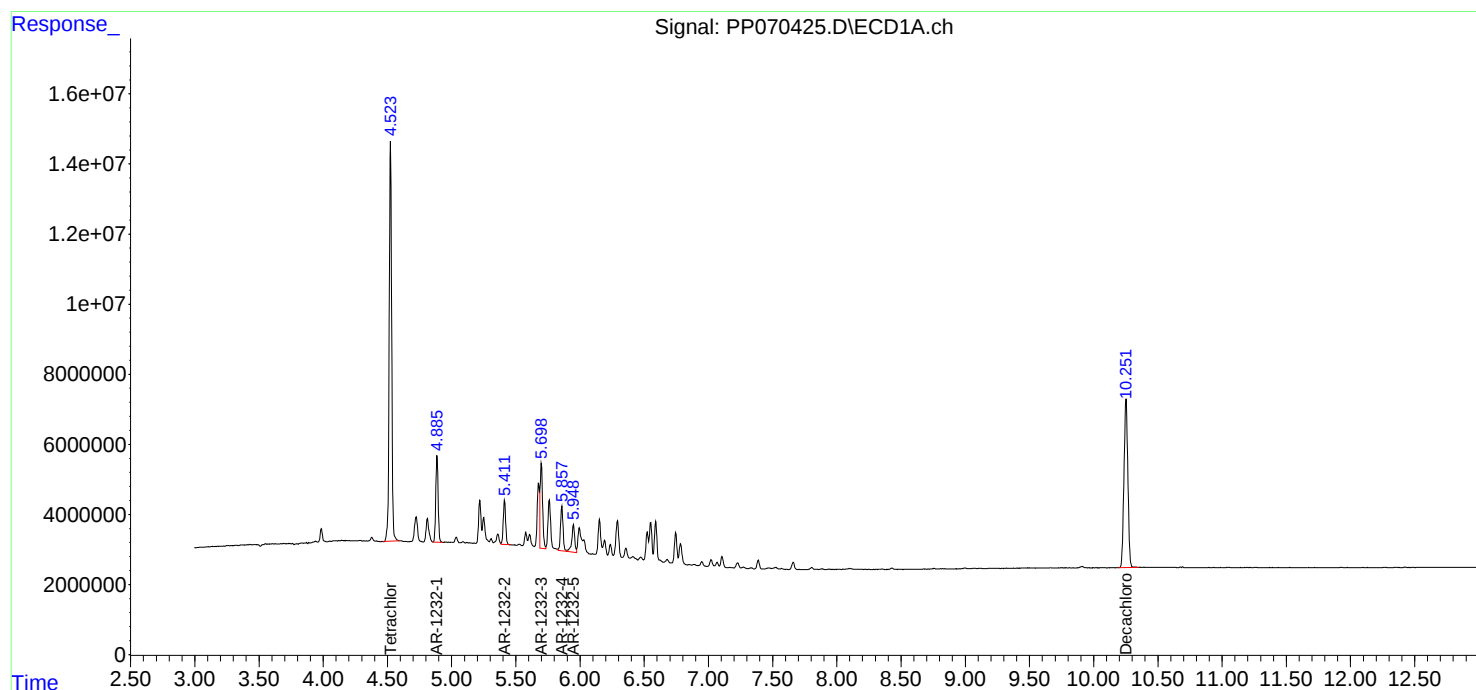
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070425.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 16:51  
Operator : YP\AJ  
Sample : AR1232ICC1000  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1232ICC1000

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 21:59:43 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 21:58:44 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\_P\Data\PP031125\  
 Data File : PP070426.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 17:07  
 Operator : YP\AJ  
 Sample : AR1232ICC750  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1232ICC750

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 21:59:53 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 21:58:44 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...          | 4.525  | 3.829 | 119.1E6  | 76777406 | 73.123  | 74.758  |
| 2) SA Decachlor...          | 10.252 | 8.882 | 79622540 | 70086455 | 71.725  | 72.623  |
|                             |        |       |          |          |         |         |
| Target Compounds            |        |       |          |          |         |         |
| 11) L3 AR-1232-1            | 4.887  | 4.203 | 25057001 | 18782891 | 719.701 | 725.871 |
| 12) L3 AR-1232-2            | 5.413  | 4.936 | 13025946 | 18111440 | 735.533 | 719.320 |
| 13) L3 AR-1232-3            | 5.699  | 5.113 | 26404840 | 9838434  | 701.304 | 715.359 |
| 14) L3 AR-1232-4            | 5.859  | 5.198 | 13655959 | 8320666  | 723.254 | 712.542 |
| 15) L3 AR-1232-5            | 5.949  | 5.370 | 9764505  | 9497409  | 718.137 | 727.673 |
| -----                       |        |       |          |          |         |         |

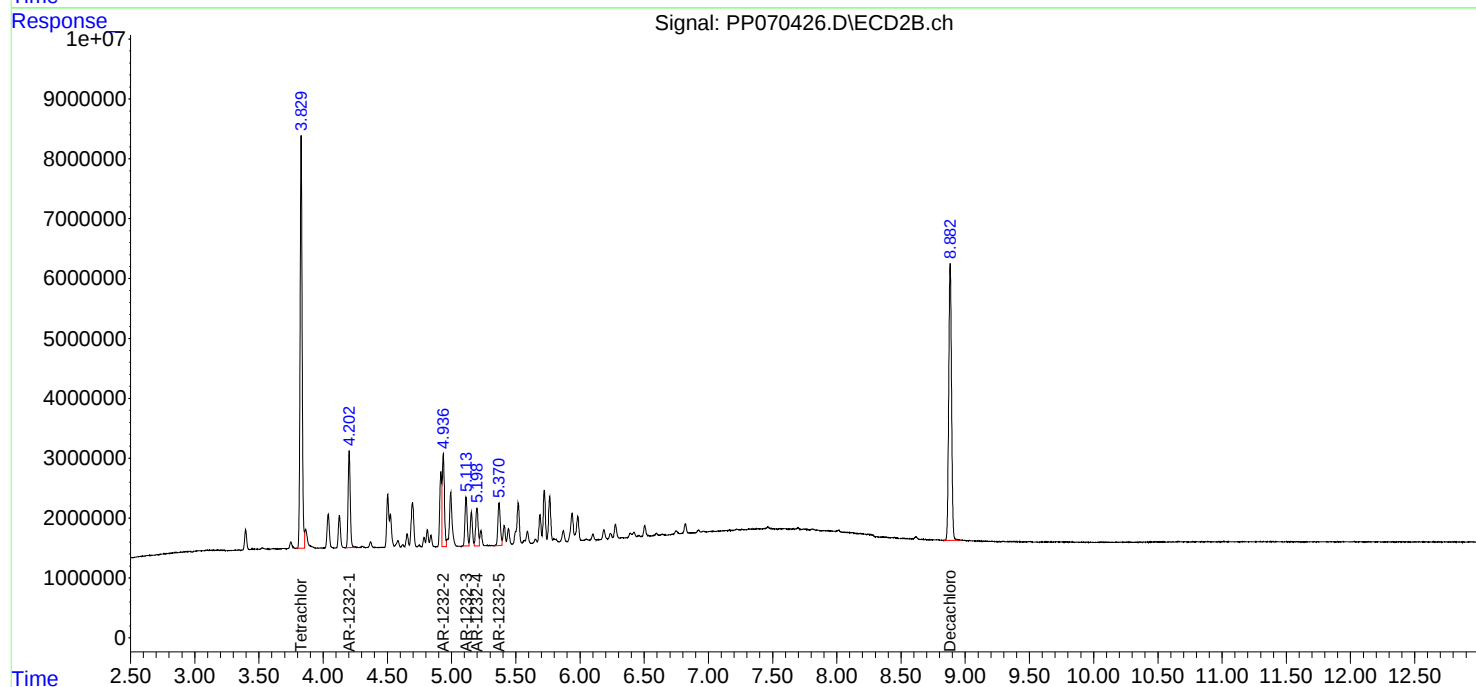
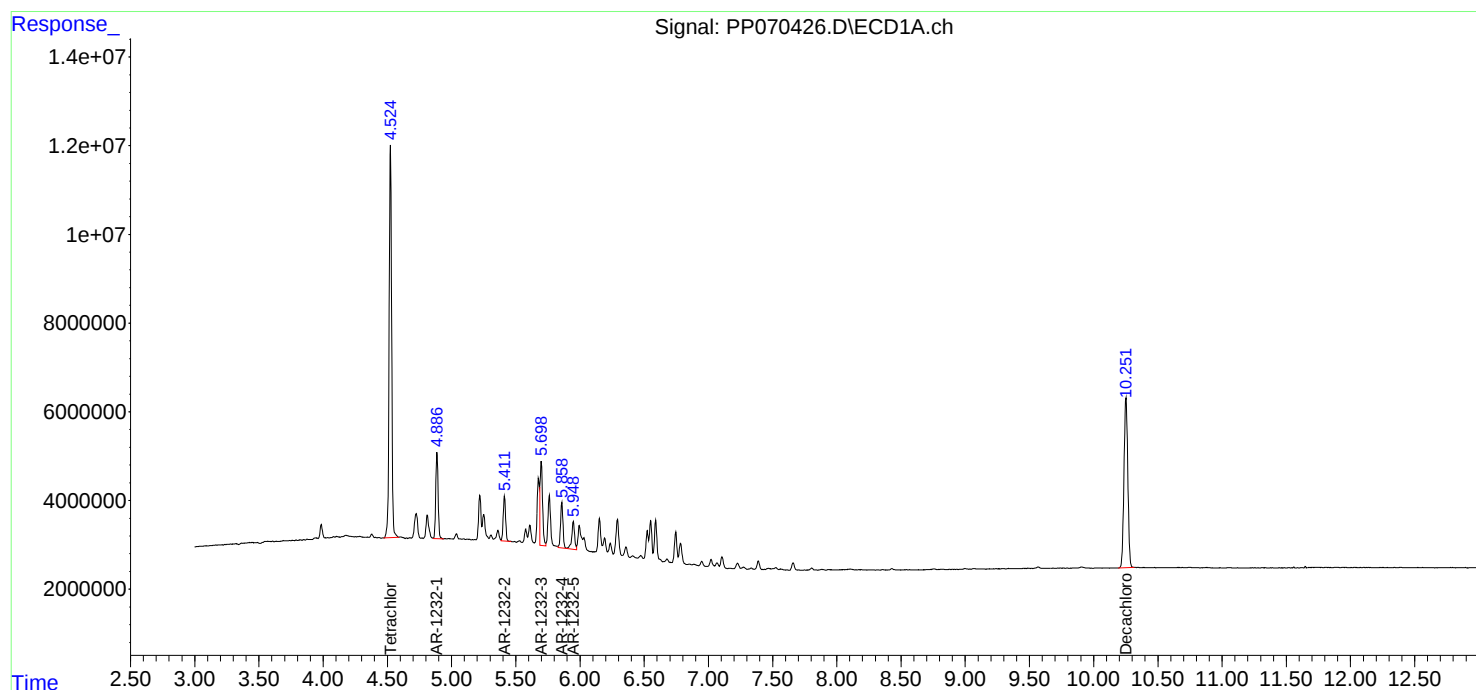
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070426.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 17:07  
Operator : YP\AJ  
Sample : AR1232ICC750  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1232ICC750

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 21:59:53 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 21:58:44 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\PP031125\  
 Data File : PP070427.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 17:23  
 Operator : YP\AJ  
 Sample : AR1232ICC500  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1232ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 22:00:05 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 21:58:44 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...          | 4.525  | 3.828 | 81421627 | 51350702 | 50.000  | 50.000  |
| 2) SA Decachlor...          | 10.252 | 8.880 | 55505634 | 48253472 | 50.000  | 50.000  |
| Target Compounds            |        |       |          |          |         |         |
| 11) L3 AR-1232-1            | 4.887  | 4.202 | 17407935 | 12938181 | 500.000 | 500.000 |
| 12) L3 AR-1232-2            | 5.412  | 4.935 | 8854766  | 12589270 | 500.000 | 500.000 |
| 13) L3 AR-1232-3            | 5.698  | 5.112 | 18825530 | 6876575  | 500.000 | 500.000 |
| 14) L3 AR-1232-4            | 5.859  | 5.197 | 9440644  | 5838717  | 500.000 | 500.000 |
| 15) L3 AR-1232-5            | 5.949  | 5.369 | 6798499  | 6525873  | 500.000 | 500.000 |
| -----                       |        |       |          |          |         |         |

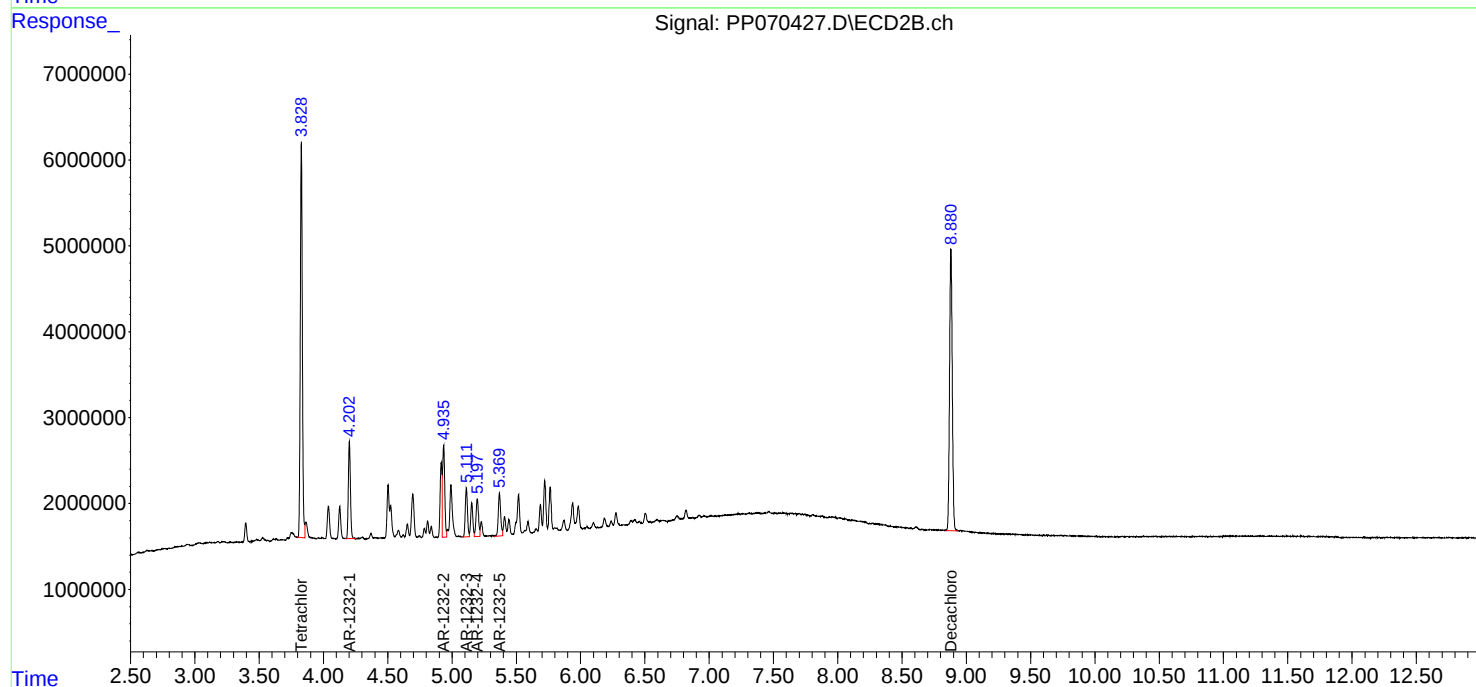
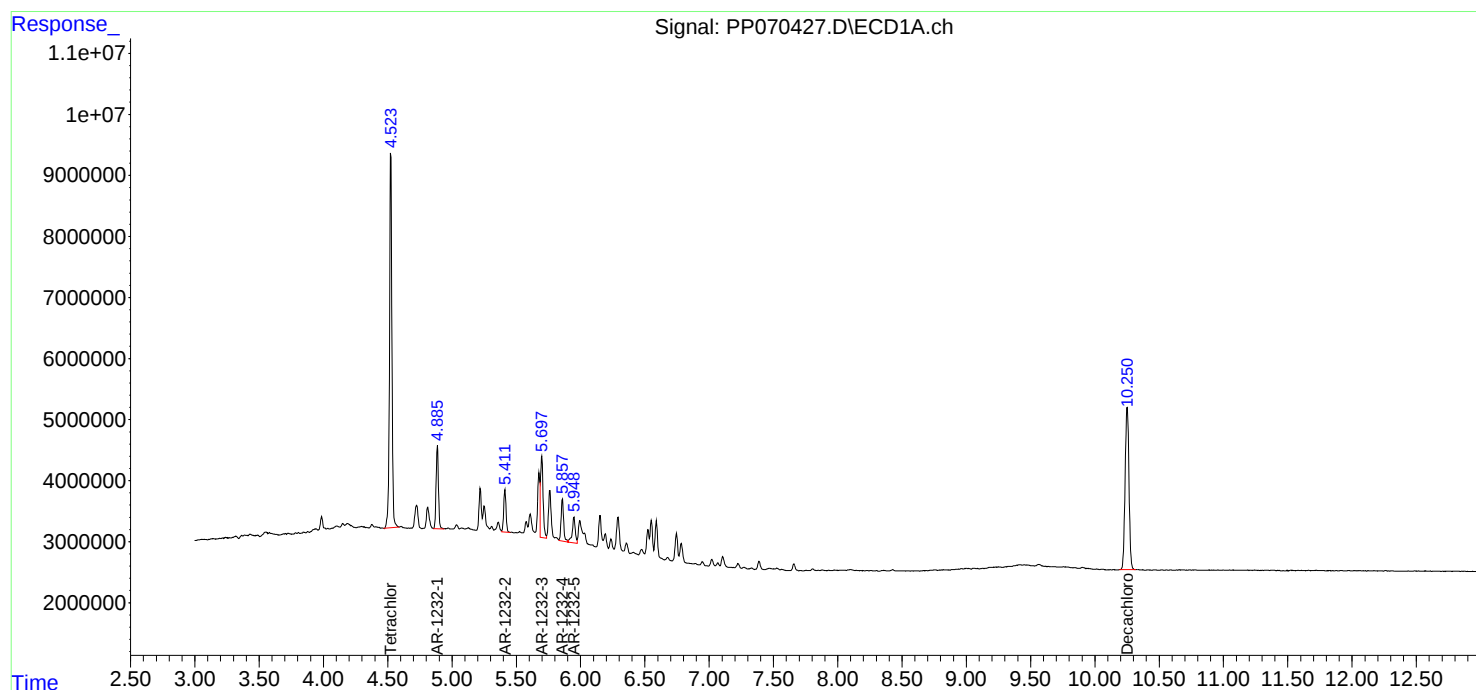
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070427.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 17:23  
Operator : YP\AJ  
Sample : AR1232ICC500  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1232ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 22:00:05 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 21:58:44 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\PP031125\  
 Data File : PP070428.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 17:40  
 Operator : YP\AJ  
 Sample : AR1232ICC250  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1232ICC250

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 03/12/2025  
 Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 22:00:16 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 21:58:44 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...          | 4.526  | 3.829 | 42110947 | 27566531 | 25.860   | 26.841  |
| 2) SA Decachlor...          | 10.254 | 8.881 | 28765211 | 28286345 | 25.912   | 29.310  |
| Target Compounds            |        |       |          |          |          |         |
| 11) L3 AR-1232-1            | 4.888  | 4.202 | 9518147  | 7054654  | 273.385  | 272.629 |
| 12) L3 AR-1232-2            | 5.414  | 4.935 | 4323493  | 6922424  | 244.134  | 274.933 |
| 13) L3 AR-1232-3            | 5.700  | 5.112 | 9794735  | 3580147  | 260.145  | 260.315 |
| 14) L3 AR-1232-4            | 5.861  | 5.196 | 5144985  | 3082888  | 272.491  | 264.004 |
| 15) L3 AR-1232-5            | 5.949  | 5.369 | 2924140  | 3384658  | 215.058m | 259.326 |
| -----                       |        |       |          |          |          |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070428.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 17:40  
Operator : YP\AJ  
Sample : AR1232ICC250  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

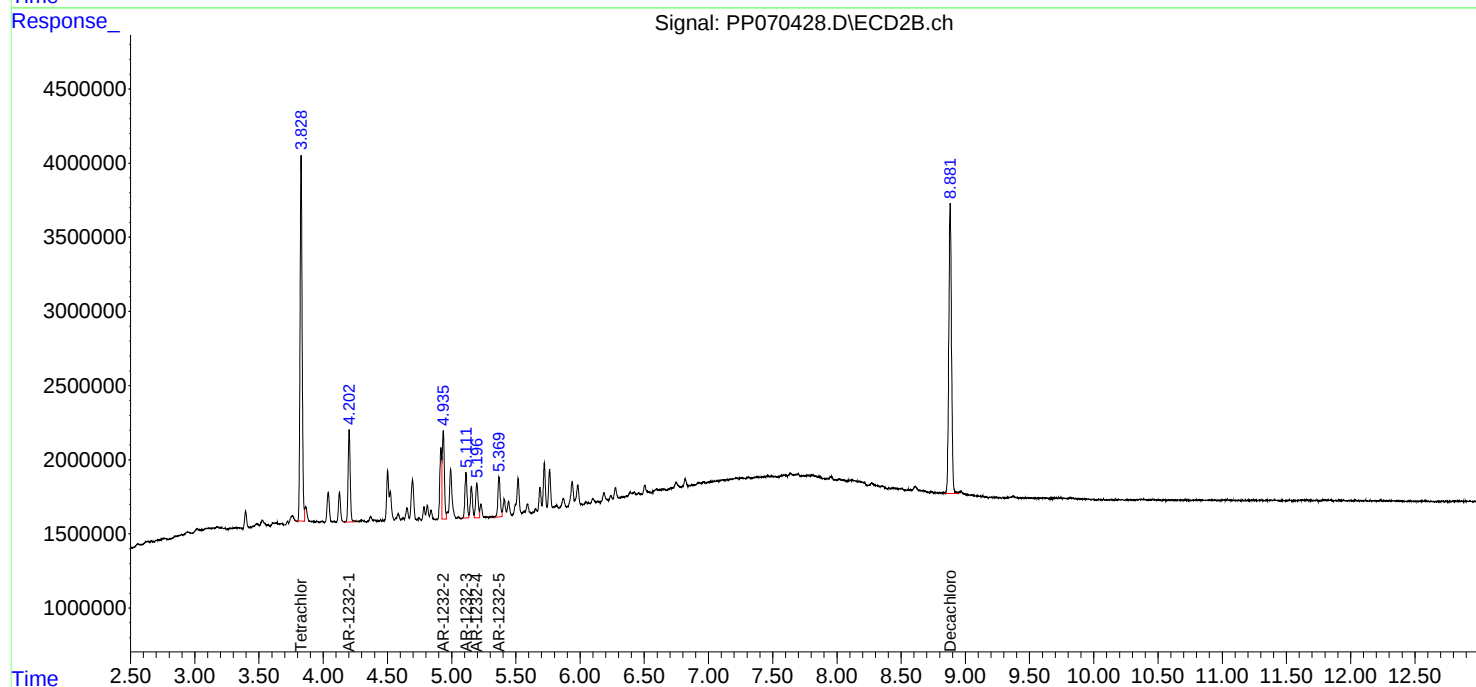
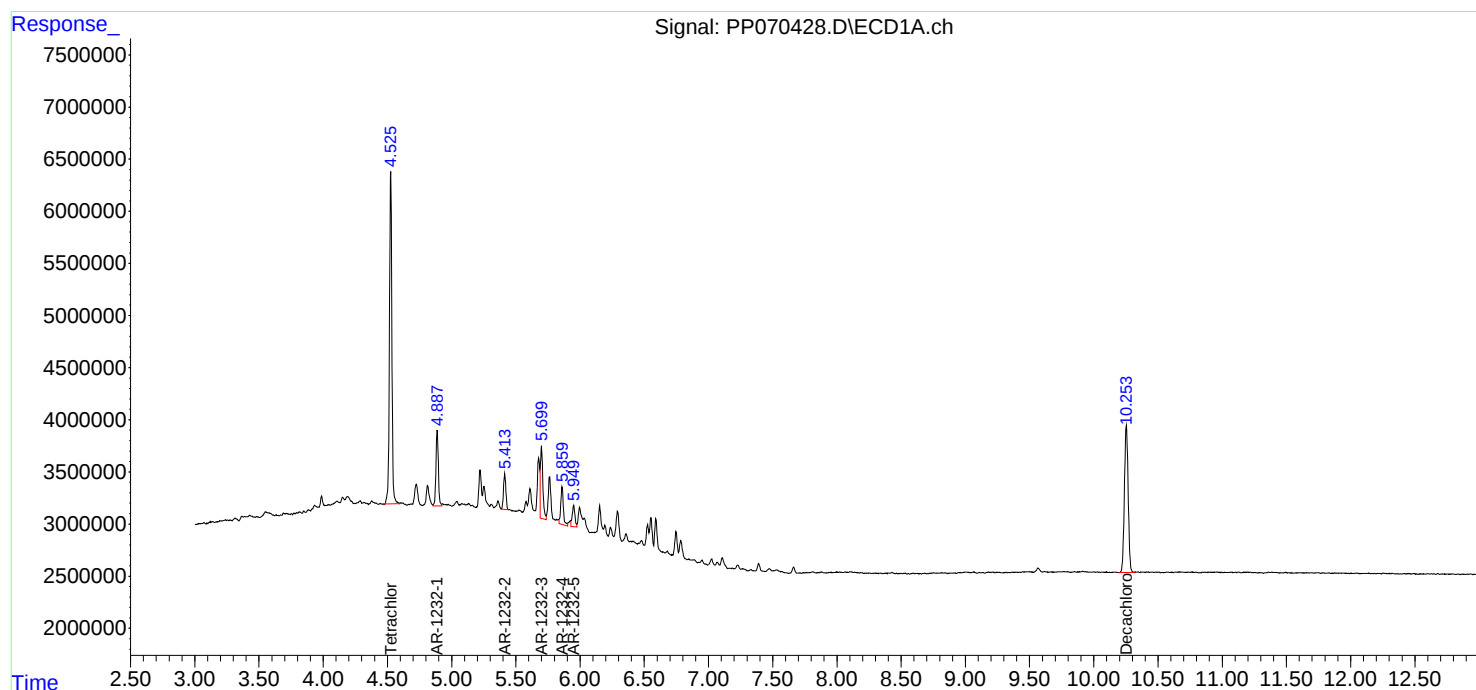
Instrument :  
ECD\_P  
ClientSampleId :  
AR1232ICC250

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/12/2025  
Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 22:00:16 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 21:58:44 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\_P\Data\PP031125\  
 Data File : PP070429.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 17:56  
 Operator : YP\AJ  
 Sample : AR1232ICC050  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1232ICC050

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 03/19/2025  
 Supervised By :mohammad ahmed 03/19/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 22:00:28 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 21:58:44 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...          | 4.526  | 3.828 | 7821901 | 5940731 | 4.803   | 5.784    |
| 2) SA Decachlor...          | 10.255 | 8.881 | 5277277 | 5419163 | 4.754   | 5.615    |
| Target Compounds            |        |       |         |         |         |          |
| 11) L3 AR-1232-1            | 4.889  | 4.201 | 1983848 | 1421614 | 56.981  | 54.939m  |
| 12) L3 AR-1232-2            | 5.414  | 4.934 | 781907  | 1431721 | 44.152m | 56.863m# |
| 13) L3 AR-1232-3            | 5.701  | 5.112 | 1856332 | 799405  | 49.304m | 58.125   |
| 14) L3 AR-1232-4            | 5.859  | 5.196 | 1009484 | 627440  | 53.465m | 53.731   |
| 15) L3 AR-1232-5            | 5.943  | 5.367 | 707014  | 698174  | 51.998m | 53.493m  |
| -----                       |        |       |         |         |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070429.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 17:56  
Operator : YP\AJ  
Sample : AR1232ICC050  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

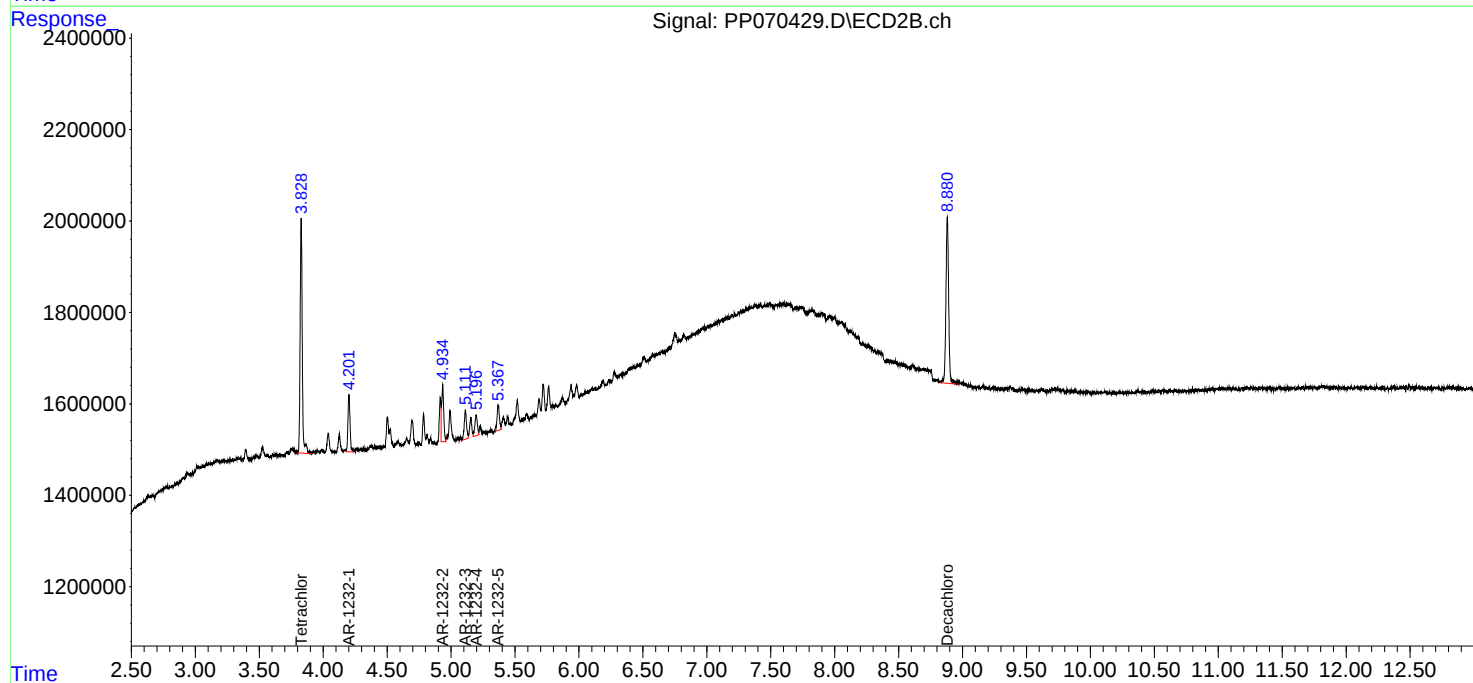
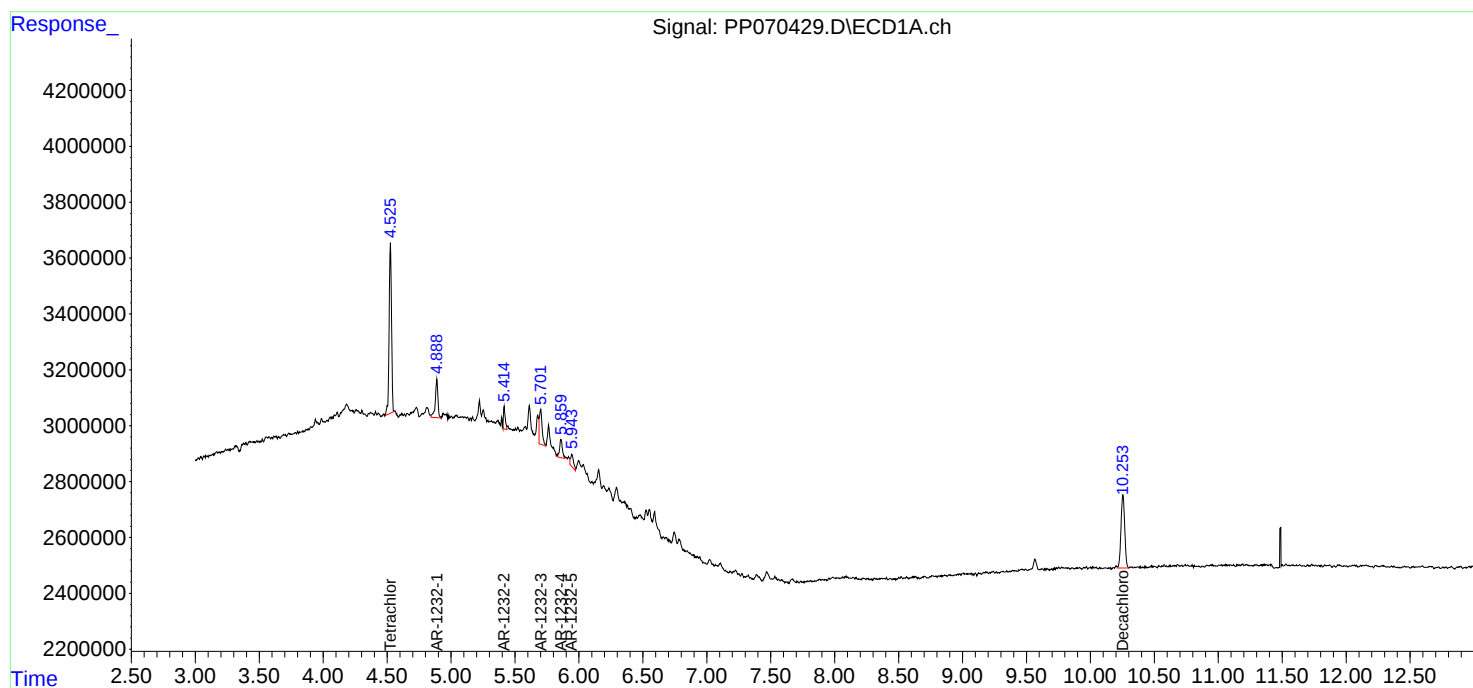
Instrument :  
ECD\_P  
ClientSampleId :  
AR1232ICC050

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/19/2025  
Supervised By :mohammad ahmed 03/19/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 22:00:28 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 21:58:44 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\PP031125\  
 Data File : PP070430.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 18:12  
 Operator : YP\AJ  
 Sample : AR1242ICC1000  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1242ICC1000

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 22:16:35 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 22:15:44 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...          | 4.525  | 3.828 | 148.4E6  | 94968124 | 93.437  | 94.952  |
| 2) SA Decachlor...          | 10.252 | 8.881 | 101.7E6  | 89078022 | 92.579  | 87.447  |
| Target Compounds            |        |       |          |          |         |         |
| 16) L4 AR-1242-1            | 5.677  | 4.916 | 39253435 | 28374294 | 902.749 | 940.352 |
| 17) L4 AR-1242-2            | 5.699  | 4.935 | 58252556 | 40120133 | 936.102 | 956.599 |
| 18) L4 AR-1242-3            | 5.761  | 5.112 | 35362447 | 22172127 | 914.872 | 931.692 |
| 19) L4 AR-1242-4            | 5.859  | 5.197 | 29479509 | 20777408 | 905.593 | 928.850 |
| 20) L4 AR-1242-5            | 6.589  | 5.722 | 29991669 | 26011255 | 936.911 | 924.285 |
| -----                       |        |       |          |          |         |         |

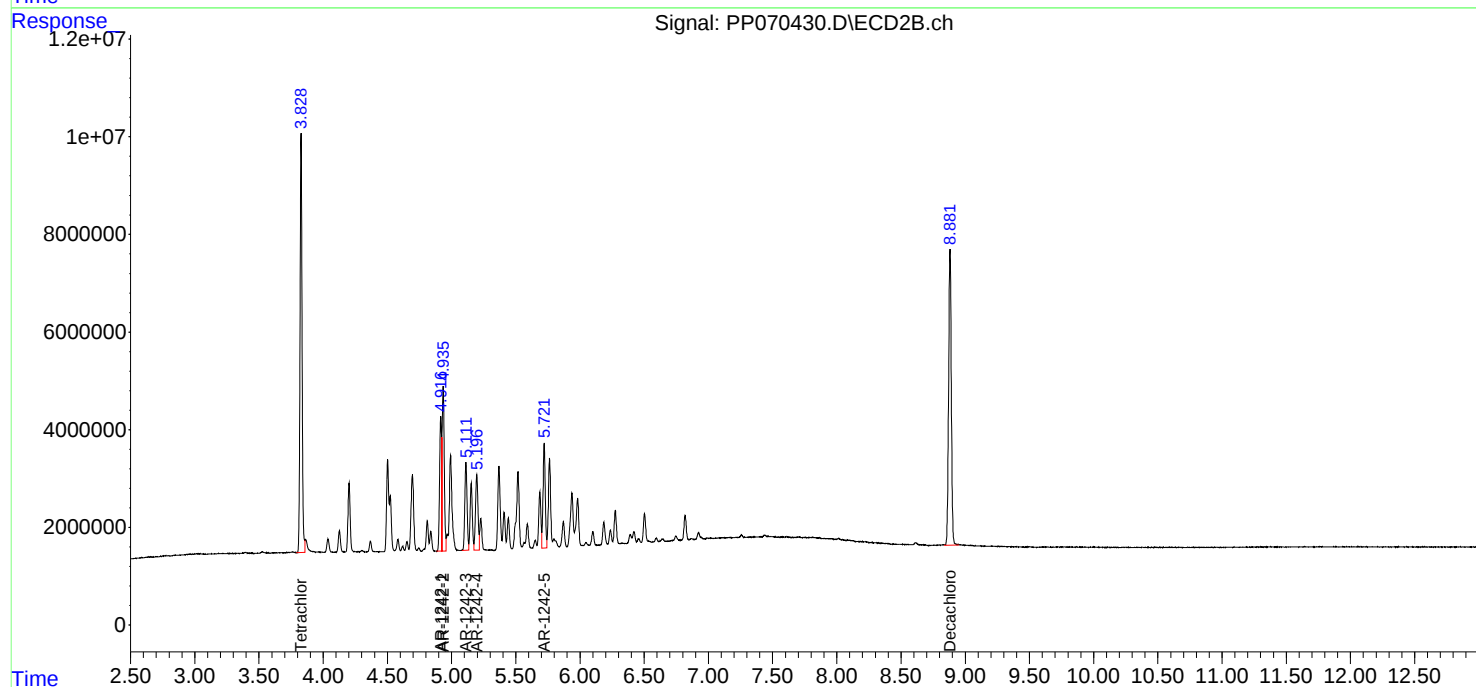
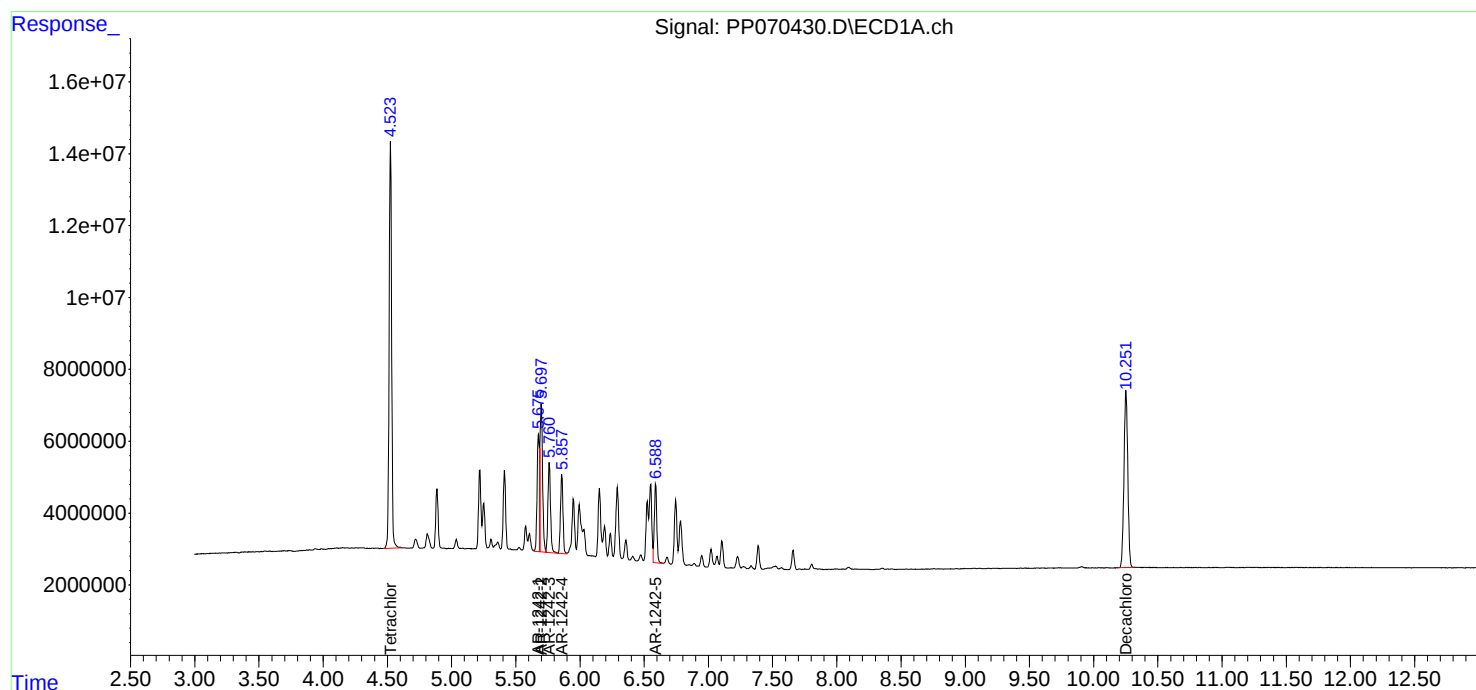
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070430.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 18:12  
Operator : YP\AJ  
Sample : AR1242ICC1000  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC1000

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 22:16:35 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 22:15:44 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\PP031125\  
 Data File : PP070431.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 18:28  
 Operator : YP\AJ  
 Sample : AR1242ICC750  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1242ICC750

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 22:16:47 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 22:15:44 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...          | 4.525  | 3.828 | 115.4E6  | 72710939 | 72.677  | 72.698  |
| 2) SA Decachlor...          | 10.252 | 8.880 | 79754897 | 74745771 | 72.592  | 73.377  |
|                             |        |       |          |          |         |         |
| Target Compounds            |        |       |          |          |         |         |
| 16) L4 AR-1242-1            | 5.678  | 4.916 | 31278275 | 21743405 | 719.336 | 720.598 |
| 17) L4 AR-1242-2            | 5.700  | 4.935 | 45085458 | 30497830 | 724.511 | 727.171 |
| 18) L4 AR-1242-3            | 5.762  | 5.112 | 27285376 | 16877928 | 705.908 | 709.226 |
| 19) L4 AR-1242-4            | 5.859  | 5.196 | 23125338 | 15945991 | 710.396 | 712.863 |
| 20) L4 AR-1242-5            | 6.590  | 5.721 | 23553432 | 20212182 | 735.787 | 718.220 |
| -----                       |        |       |          |          |         |         |

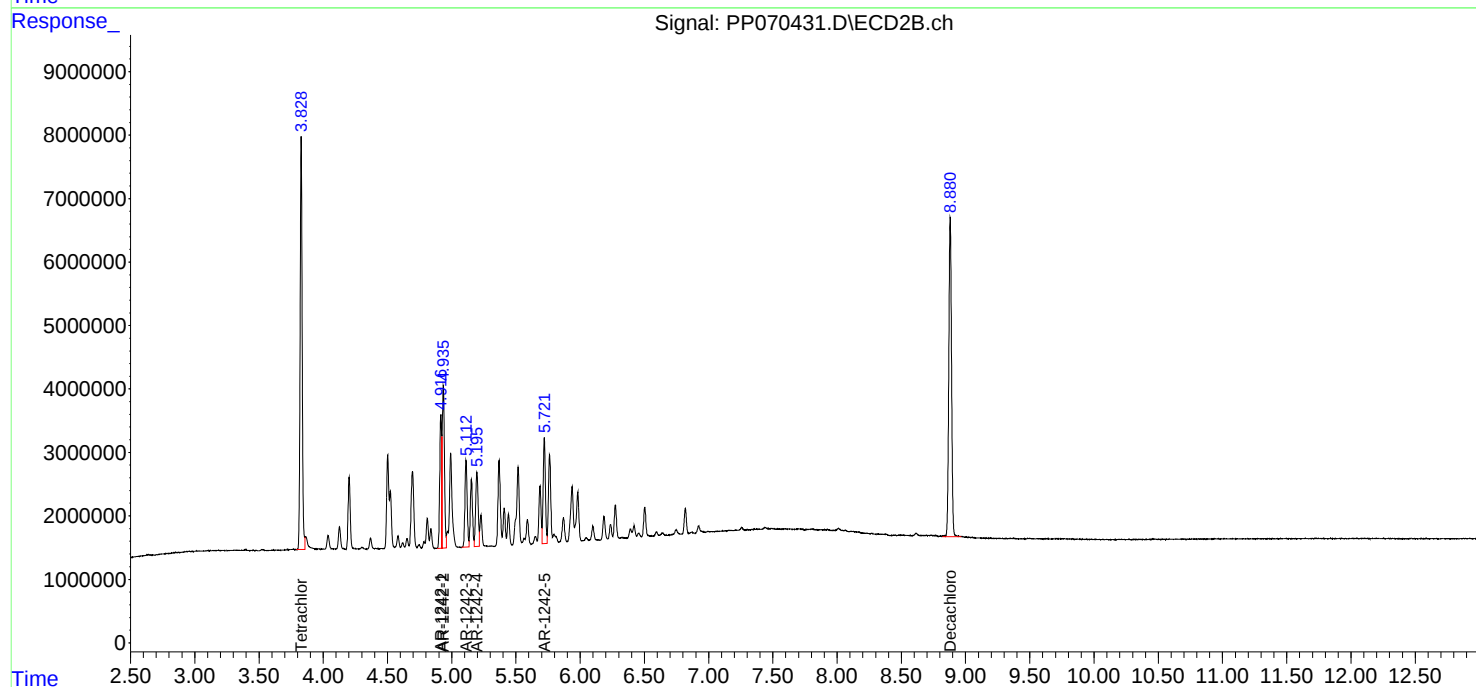
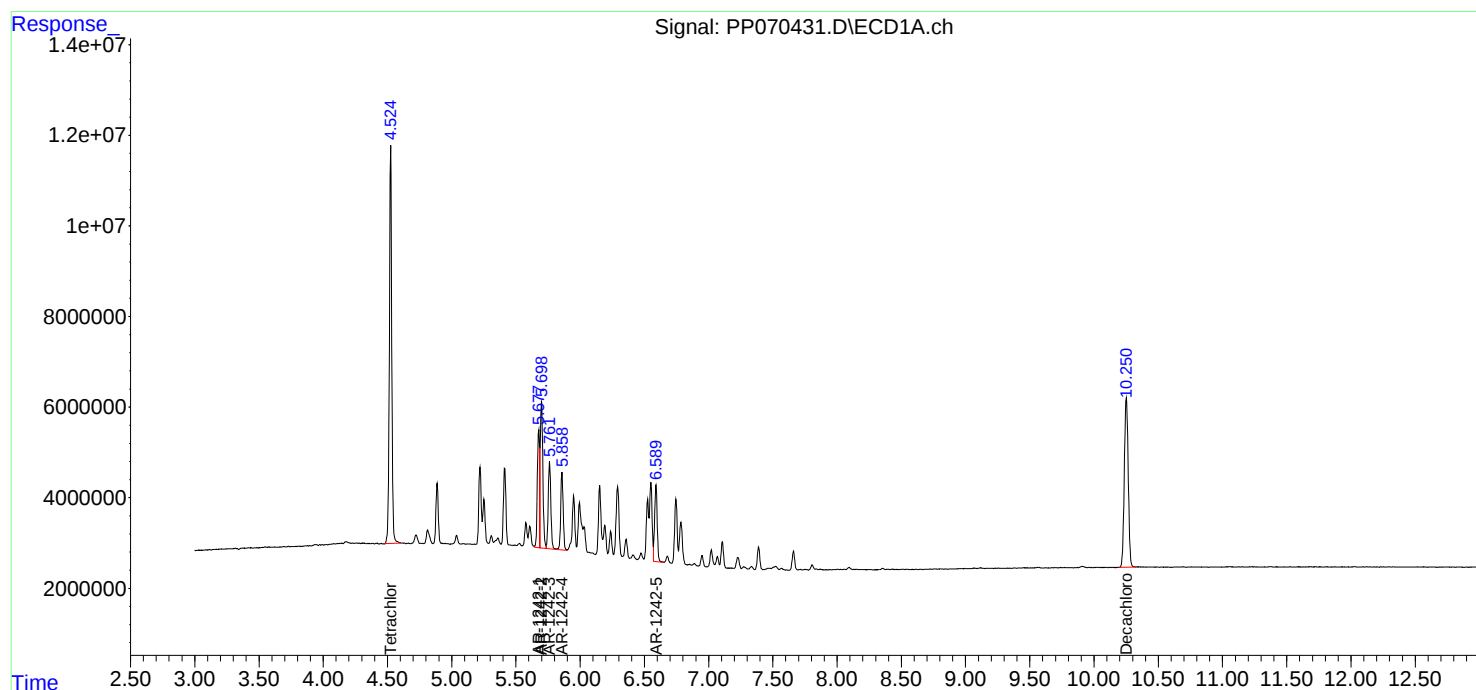
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070431.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 18:28  
Operator : YP\AJ  
Sample : AR1242ICC750  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC750

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 22:16:47 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 22:15:44 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\_P\Data\PP031125\  
 Data File : PP070432.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 18:45  
 Operator : YP\AJ  
 Sample : AR1242ICC500  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1242ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 22:16:57 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 22:15:44 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

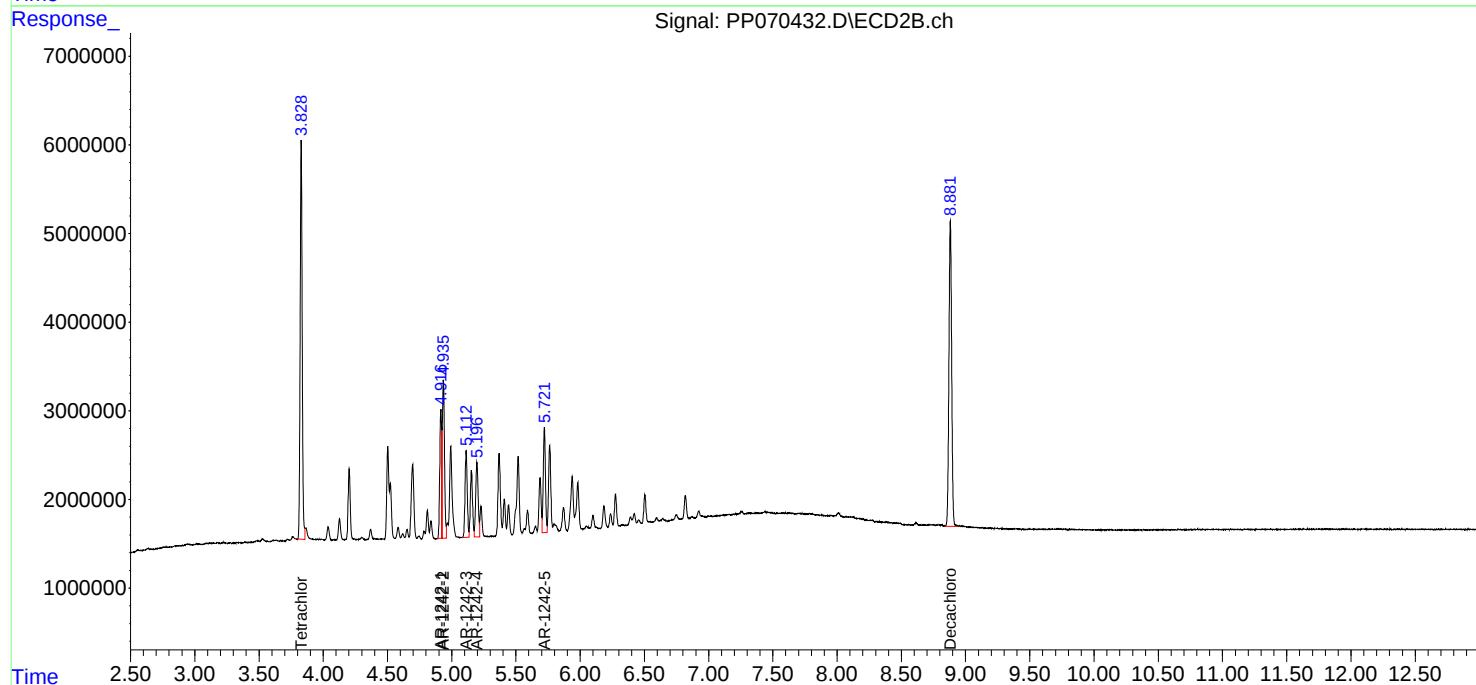
Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.525  | 3.829 | 79385142 | 50008599 | 50.000  | 50.000  |
| 2) SA Decachlor...          | 10.253 | 8.881 | 54933901 | 50932459 | 50.000  | 50.000  |
| Target Compounds            |        |       |          |          |         |         |
| 16) L4 AR-1242-1            | 5.678  | 4.916 | 21741066 | 15087052 | 500.000 | 500.000 |
| 17) L4 AR-1242-2            | 5.700  | 4.935 | 31114422 | 20970194 | 500.000 | 500.000 |
| 18) L4 AR-1242-3            | 5.762  | 5.113 | 19326447 | 11898844 | 500.000 | 500.000 |
| 19) L4 AR-1242-4            | 5.859  | 5.196 | 16276361 | 11184477 | 500.000 | 500.000 |
| 20) L4 AR-1242-5            | 6.590  | 5.722 | 16005604 | 14071017 | 500.000 | 500.000 |
| -----                       |        |       |          |          |         |         |

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

**Instrument :**  
ECD\_P  
**ClientSampleId :**  
AR1242|CC500

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\PP031125\  
 Data File : PP070433.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 19:01  
 Operator : YP\AJ  
 Sample : AR1242ICC250  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1242ICC250

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 22:17:27 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 22:15:44 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...          | 4.524  | 3.828 | 41377010 | 26035193 | 26.061  | 26.031  |
| 2) SA Decachlor...          | 10.252 | 8.882 | 28665426 | 26753118 | 26.091  | 26.263  |
|                             |        |       |          |          |         |         |
| Target Compounds            |        |       |          |          |         |         |
| 16) L4 AR-1242-1            | 5.677  | 4.916 | 11964118 | 8132112  | 275.150 | 269.506 |
| 17) L4 AR-1242-2            | 5.699  | 4.935 | 16512640 | 11403170 | 265.353 | 271.890 |
| 18) L4 AR-1242-3            | 5.761  | 5.112 | 10411351 | 6390296  | 269.355 | 268.526 |
| 19) L4 AR-1242-4            | 5.858  | 5.197 | 8770541  | 5985325  | 269.426 | 267.573 |
| 20) L4 AR-1242-5            | 6.589  | 5.721 | 8174876  | 7415218  | 255.375 | 263.493 |
| -----                       |        |       |          |          |         |         |

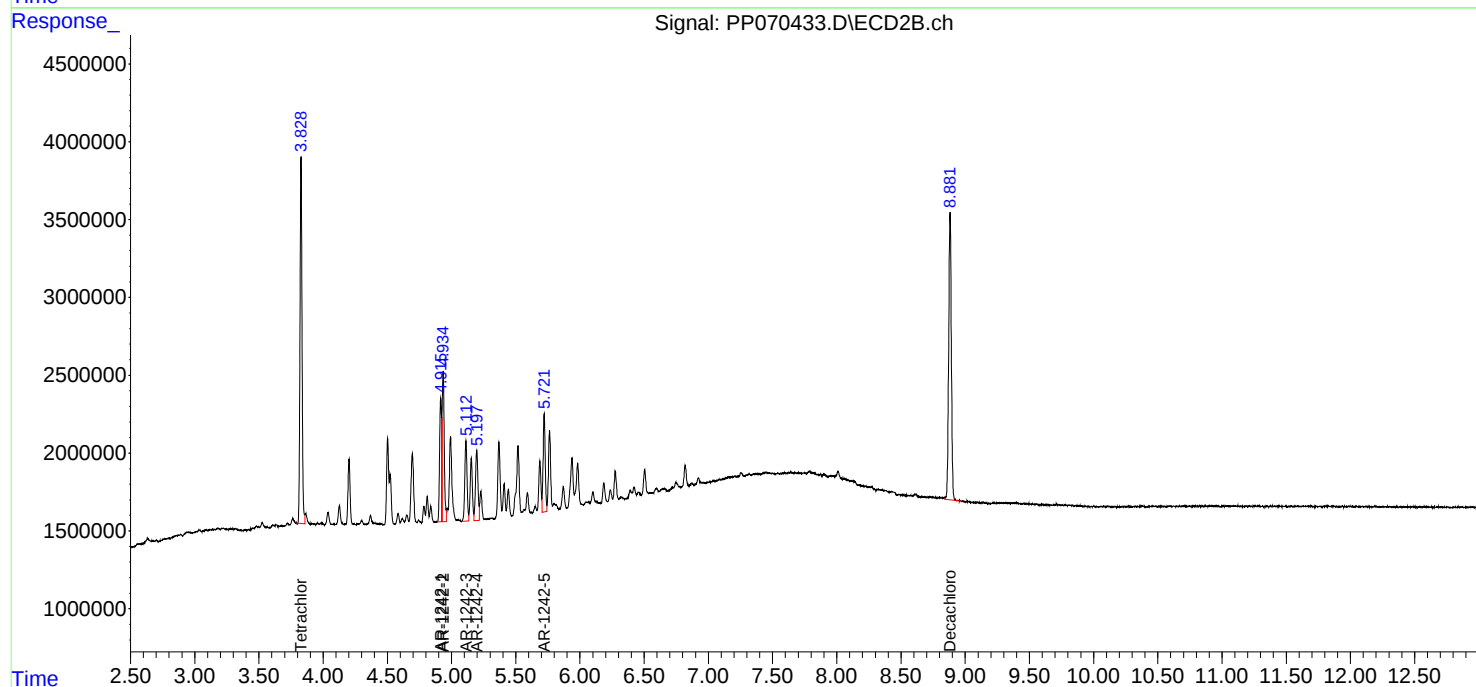
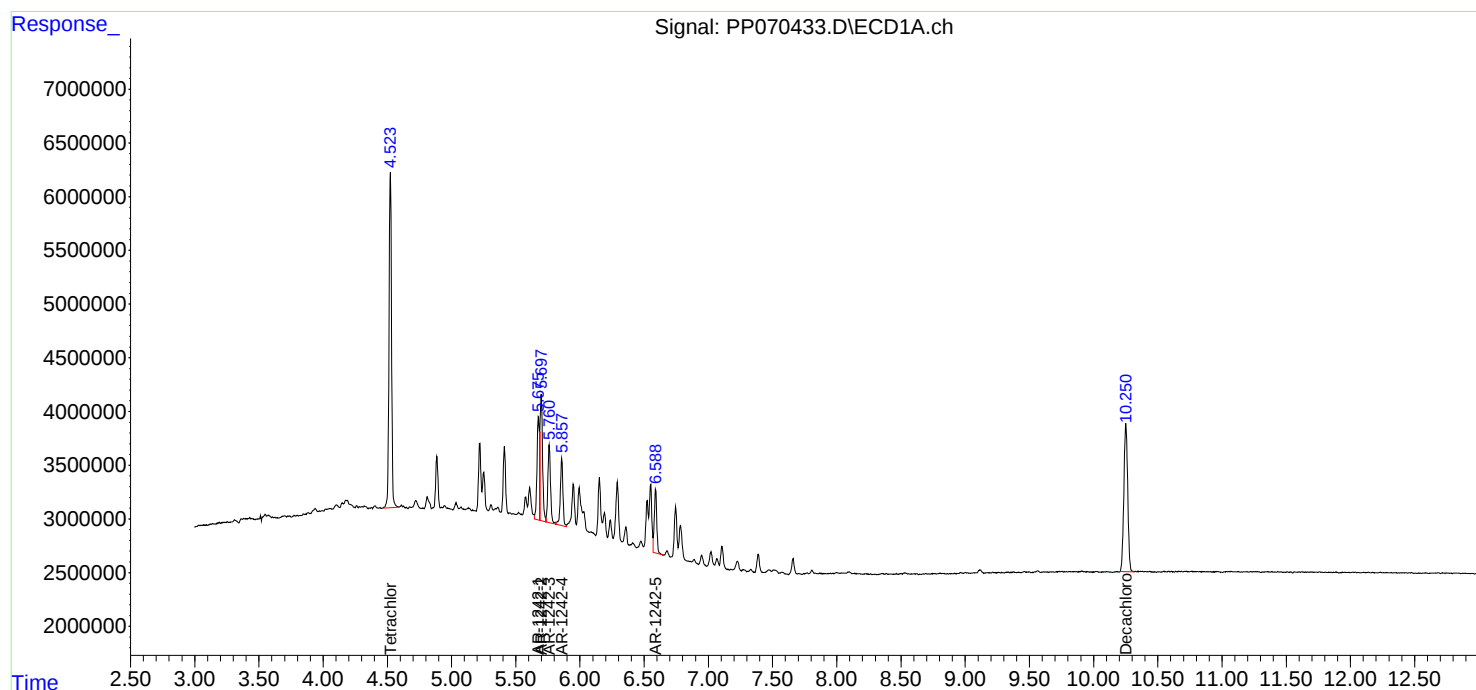
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070433.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 19:01  
Operator : YP\AJ  
Sample : AR1242ICC250  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC250

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 22:17:27 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 22:15:44 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\PP031125\  
 Data File : PP070434.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 19:17  
 Operator : YP\AJ  
 Sample : AR1242ICC050  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1242ICC050

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 03/12/2025  
 Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 22:17:42 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 22:15:44 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...          | 4.525  | 3.828 | 7892451 | 5217010 | 4.971   | 5.216   |
| 2) SA Decachlor...          | 10.251 | 8.880 | 5096068 | 5757436 | 4.638   | 5.652   |
| Target Compounds            |        |       |         |         |         |         |
| 16) L4 AR-1242-1            | 5.675  | 4.915 | 2497316 | 1649451 | 57.433m | 54.664m |
| 17) L4 AR-1242-2            | 5.698  | 4.933 | 3012916 | 2482544 | 48.417m | 59.192m |
| 18) L4 AR-1242-3            | 5.760  | 5.112 | 1673238 | 1256336 | 43.289m | 52.792  |
| 19) L4 AR-1242-4            | 5.858  | 5.196 | 1635861 | 1093177 | 50.253m | 48.870  |
| 20) L4 AR-1242-5            | 6.589  | 5.721 | 1456532 | 1442093 | 45.501  | 51.243  |
| -----                       |        |       |         |         |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070434.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 19:17  
Operator : YP\AJ  
Sample : AR1242ICC050  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

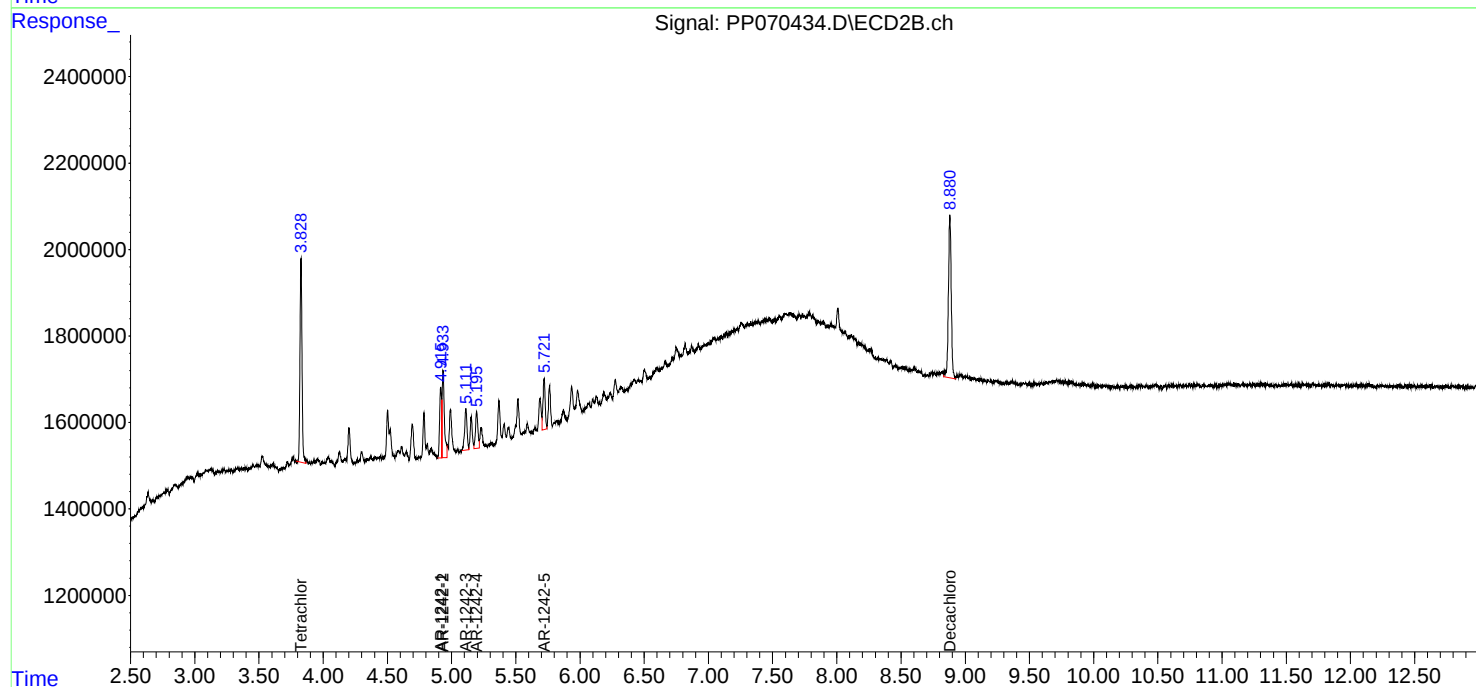
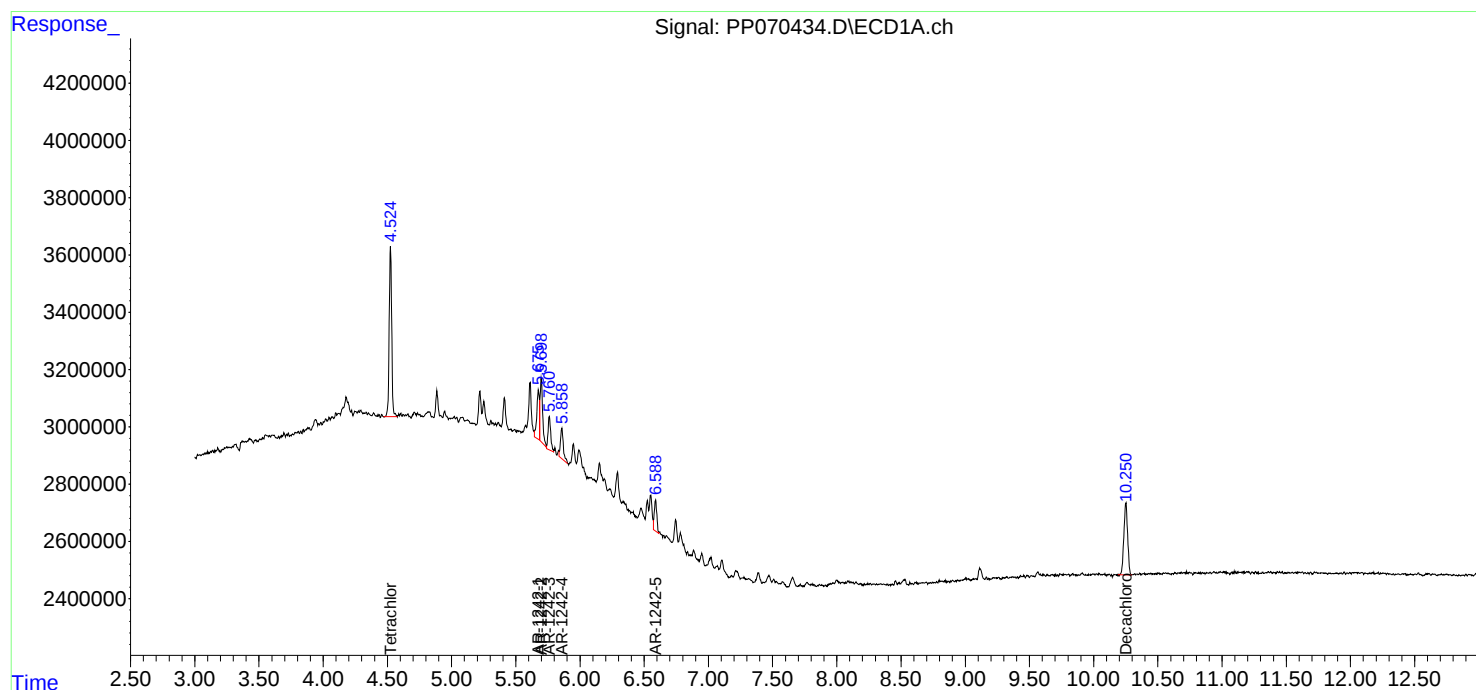
Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC050

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/12/2025  
Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 22:17:42 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 22:15:44 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\PP031125\  
 Data File : PP070435.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 19:34  
 Operator : YP\AJ  
 Sample : AR1248ICC1000  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1248ICC1000

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 22:28:38 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 22:27:44 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...          | 4.525  | 3.828 | 146.4E6  | 94860764 | 91.920  | 91.940  |
| 2) SA Decachlor...          | 10.253 | 8.881 | 101.9E6  | 93329063 | 91.773  | 93.312  |
|                             |        |       |          |          |         |         |
| Target Compounds            |        |       |          |          |         |         |
| 21) L5 AR-1248-1            | 5.677  | 4.916 | 30241509 | 21916865 | 879.841 | 907.978 |
| 22) L5 AR-1248-2            | 5.949  | 5.154 | 39839483 | 28154371 | 903.943 | 890.825 |
| 23) L5 AR-1248-3            | 6.152  | 5.196 | 43671743 | 29522180 | 923.824 | 895.847 |
| 24) L5 AR-1248-4            | 6.551  | 5.369 | 52673121 | 34974296 | 915.297 | 909.809 |
| 25) L5 AR-1248-5            | 6.590  | 5.763 | 49495855 | 34216861 | 911.872 | 888.224 |
| -----                       |        |       |          |          |         |         |

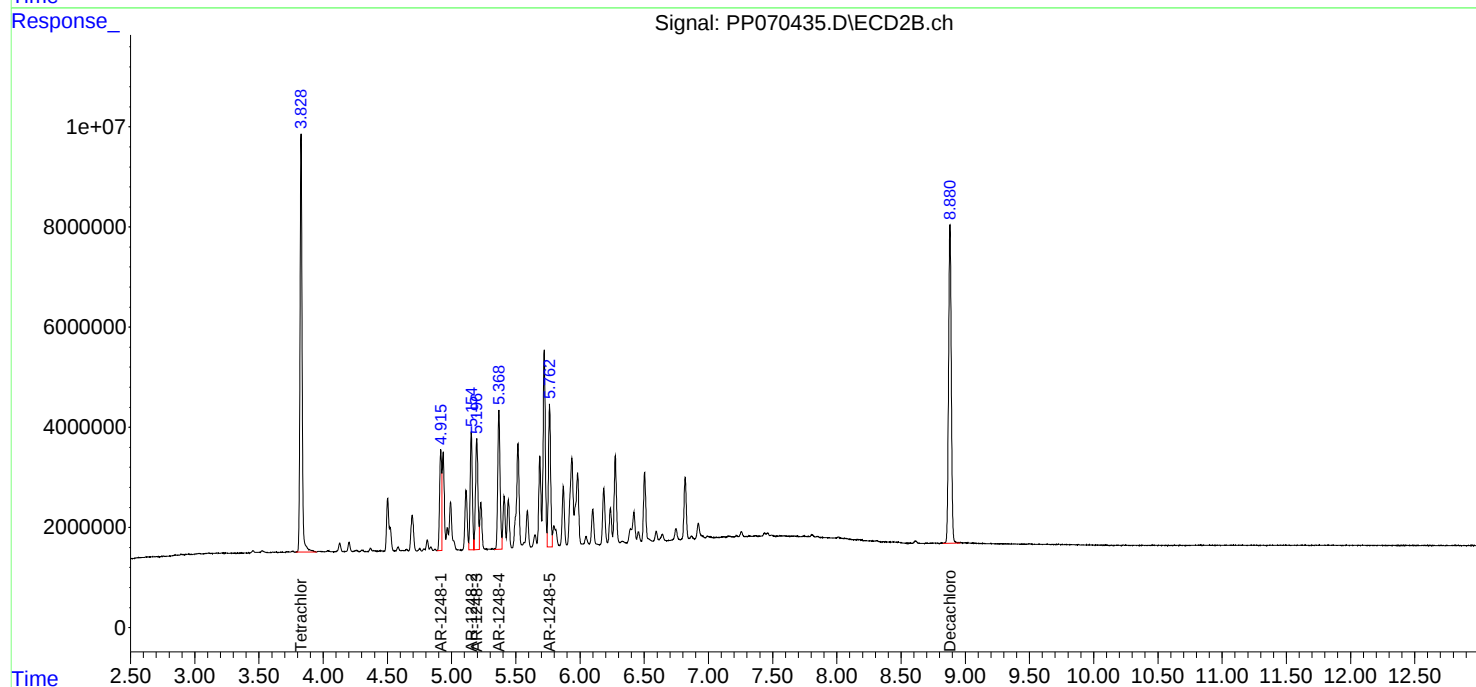
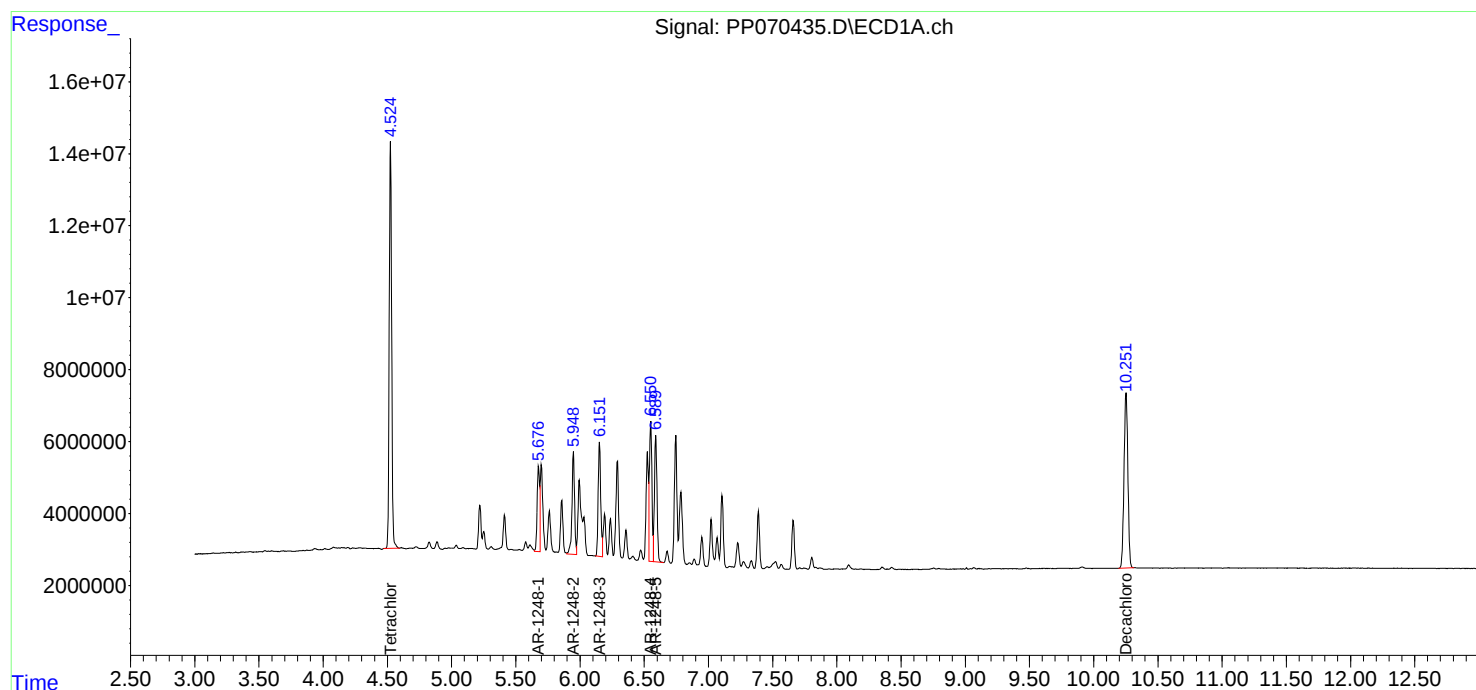
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070435.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 19:34  
Operator : YP\AJ  
Sample : AR1248ICC1000  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC1000

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 22:28:38 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 22:27:44 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\_P\Data\PP031125\  
 Data File : PP070436.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 19:50  
 Operator : YP\AJ  
 Sample : AR1248ICC750  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1248ICC750

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 22:28:47 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 22:27:44 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...          | 4.524  | 3.829 | 113.2E6  | 73390816 | 71.068  | 71.131  |
| 2) SA Decachlor...          | 10.251 | 8.881 | 79880946 | 73652526 | 71.961  | 73.639  |
|                             |        |       |          |          |         |         |
| Target Compounds            |        |       |          |          |         |         |
| 21) L5 AR-1248-1            | 5.676  | 4.916 | 23877530 | 16604955 | 694.689 | 687.915 |
| 22) L5 AR-1248-2            | 5.948  | 5.154 | 31299442 | 21860304 | 710.173 | 691.676 |
| 23) L5 AR-1248-3            | 6.151  | 5.196 | 34151551 | 22815999 | 722.436 | 692.349 |
| 24) L5 AR-1248-4            | 6.550  | 5.369 | 41100725 | 26820014 | 714.205 | 697.687 |
| 25) L5 AR-1248-5            | 6.589  | 5.763 | 39169453 | 26657299 | 721.627 | 691.988 |
| -----                       |        |       |          |          |         |         |

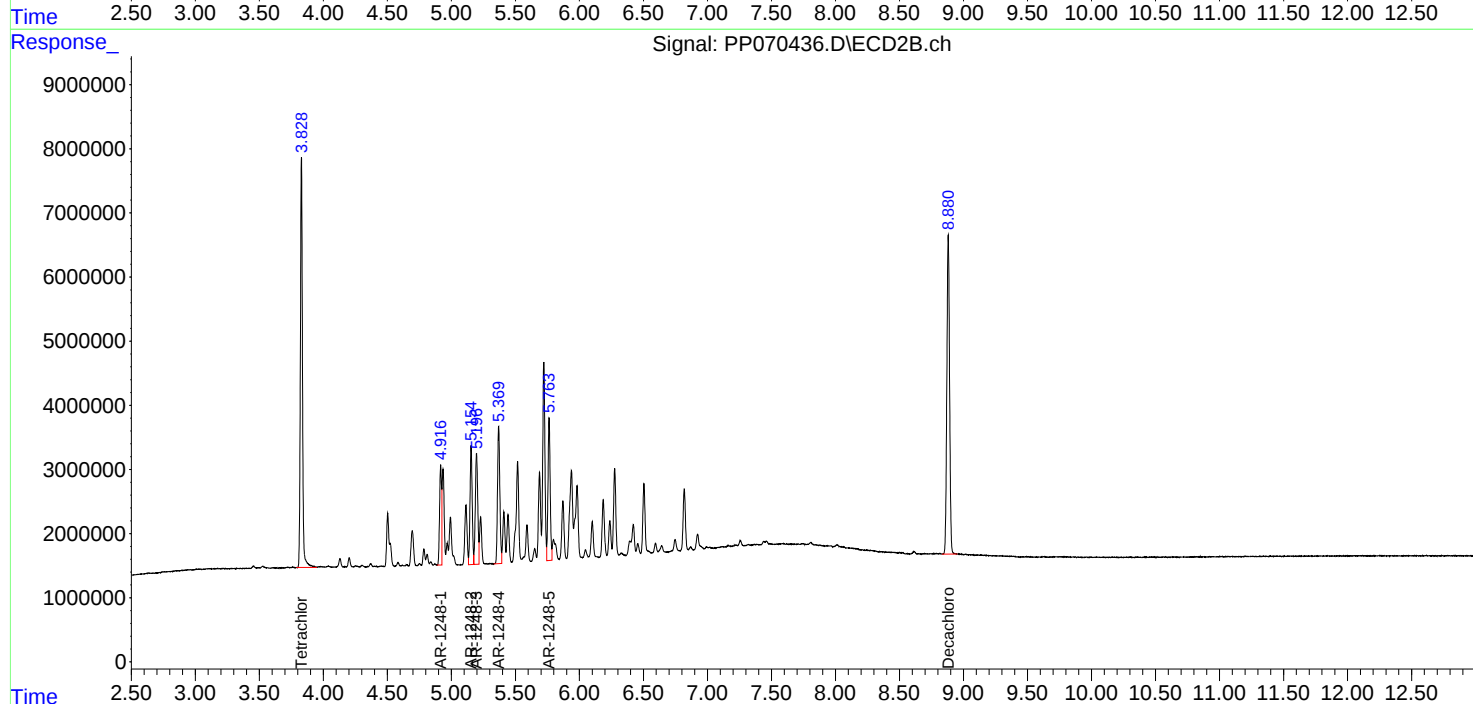
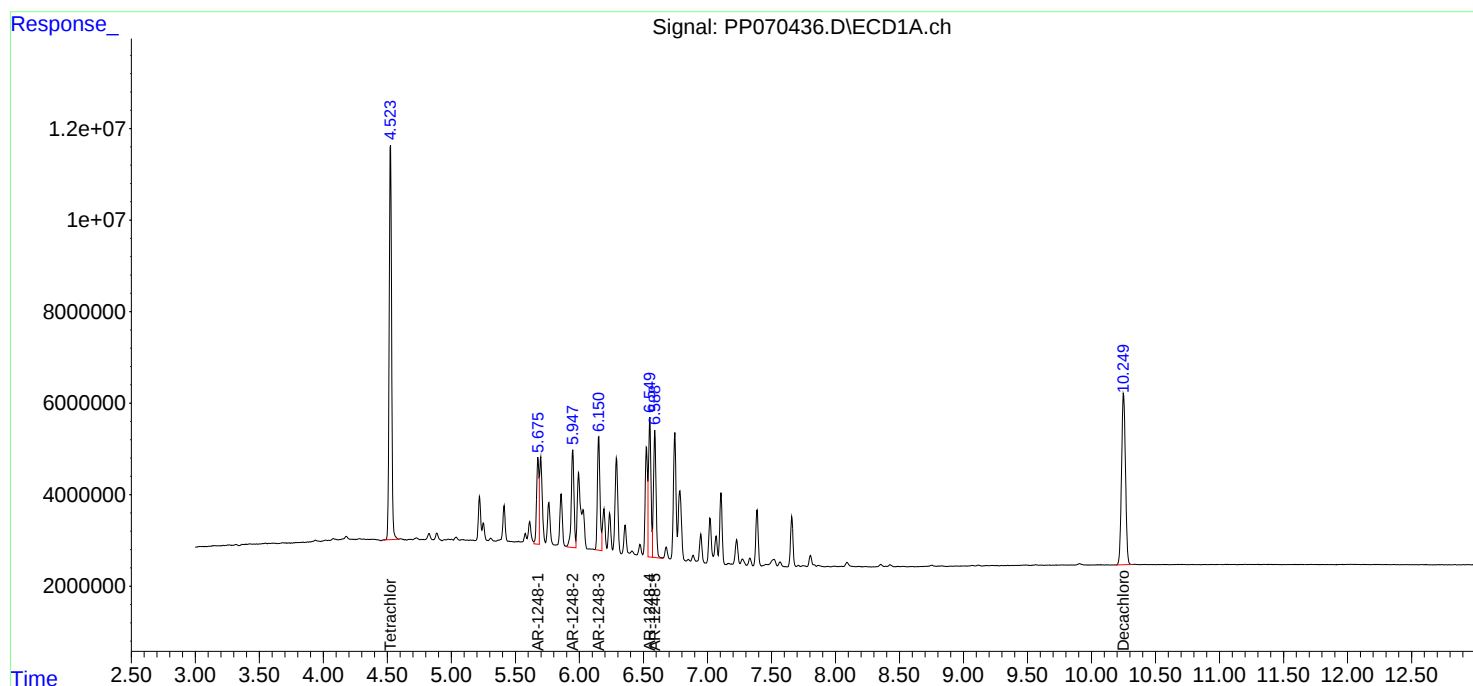
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070436.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 19:50  
Operator : YP\AJ  
Sample : AR1248ICC750  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC750

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 22:28:47 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 22:27:44 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\PP031125\  
 Data File : PP070437.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 20:06  
 Operator : YP\AJ  
 Sample : AR1248ICC500  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1248ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 22:28:59 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 22:27:44 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...          | 4.524  | 3.828 | 79654020 | 51588428 | 50.000  | 50.000  |
| 2) SA Decachlor...          | 10.252 | 8.879 | 55503319 | 50009409 | 50.000  | 50.000  |
| Target Compounds            |        |       |          |          |         |         |
| 21) L5 AR-1248-1            | 5.676  | 4.915 | 17185780 | 12069051 | 500.000 | 500.000 |
| 22) L5 AR-1248-2            | 5.948  | 5.153 | 22036493 | 15802407 | 500.000 | 500.000 |
| 23) L5 AR-1248-3            | 6.151  | 5.195 | 23636389 | 16477236 | 500.000 | 500.000 |
| 24) L5 AR-1248-4            | 6.550  | 5.368 | 28773776 | 19220672 | 500.000 | 500.000 |
| 25) L5 AR-1248-5            | 6.589  | 5.762 | 27139688 | 19261400 | 500.000 | 500.000 |
| -----                       |        |       |          |          |         |         |

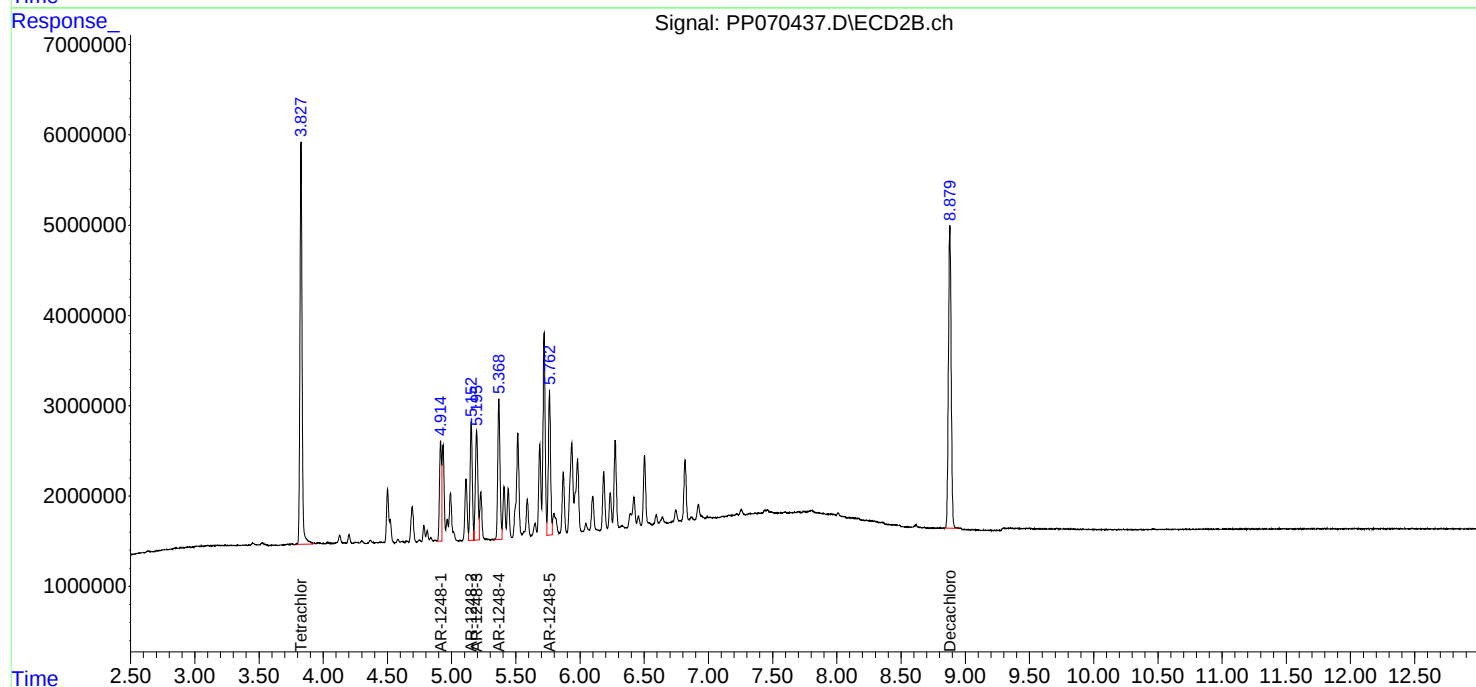
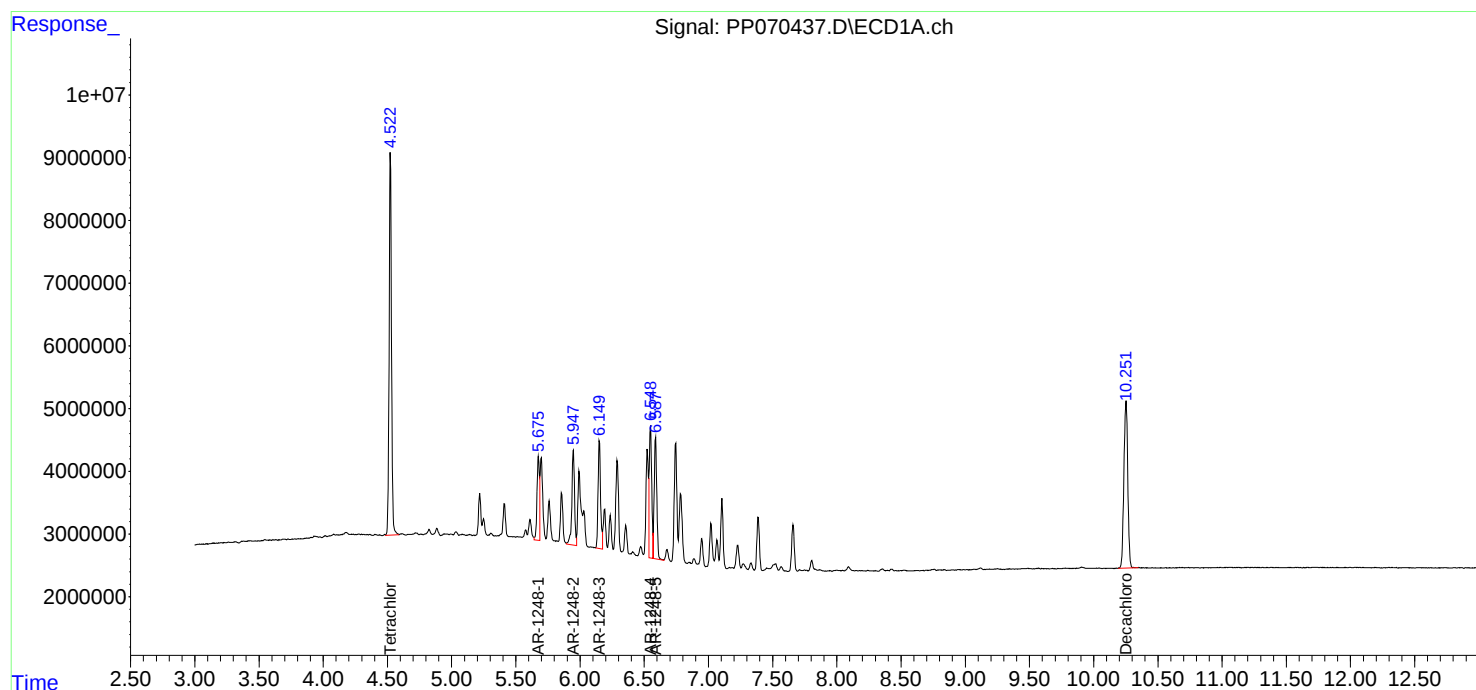
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070437.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 20:06  
Operator : YP\AJ  
Sample : AR1248ICC500  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 22:28:59 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 22:27:44 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\_P\Data\PP031125\  
 Data File : PP070438.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 20:22  
 Operator : YP\AJ  
 Sample : AR1248ICC250  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1248ICC250

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 22:29:10 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 22:27:44 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...          | 4.524  | 3.828 | 41374738 | 26771120 | 25.972  | 25.947  |
| 2) SA Decachlor...          | 10.251 | 8.880 | 29104206 | 26702465 | 26.218  | 26.697  |
| Target Compounds            |        |       |          |          |         |         |
| 21) L5 AR-1248-1            | 5.676  | 4.915 | 9469927  | 6320408  | 275.516 | 261.844 |
| 22) L5 AR-1248-2            | 5.948  | 5.154 | 11796932 | 8326683  | 267.668 | 263.462 |
| 23) L5 AR-1248-3            | 6.151  | 5.196 | 12207368 | 8590669  | 258.233 | 260.683 |
| 24) L5 AR-1248-4            | 6.550  | 5.369 | 15337045 | 10215741 | 266.511 | 265.749 |
| 25) L5 AR-1248-5            | 6.589  | 5.762 | 14358955 | 10127337 | 264.538 | 262.892 |
| -----                       |        |       |          |          |         |         |

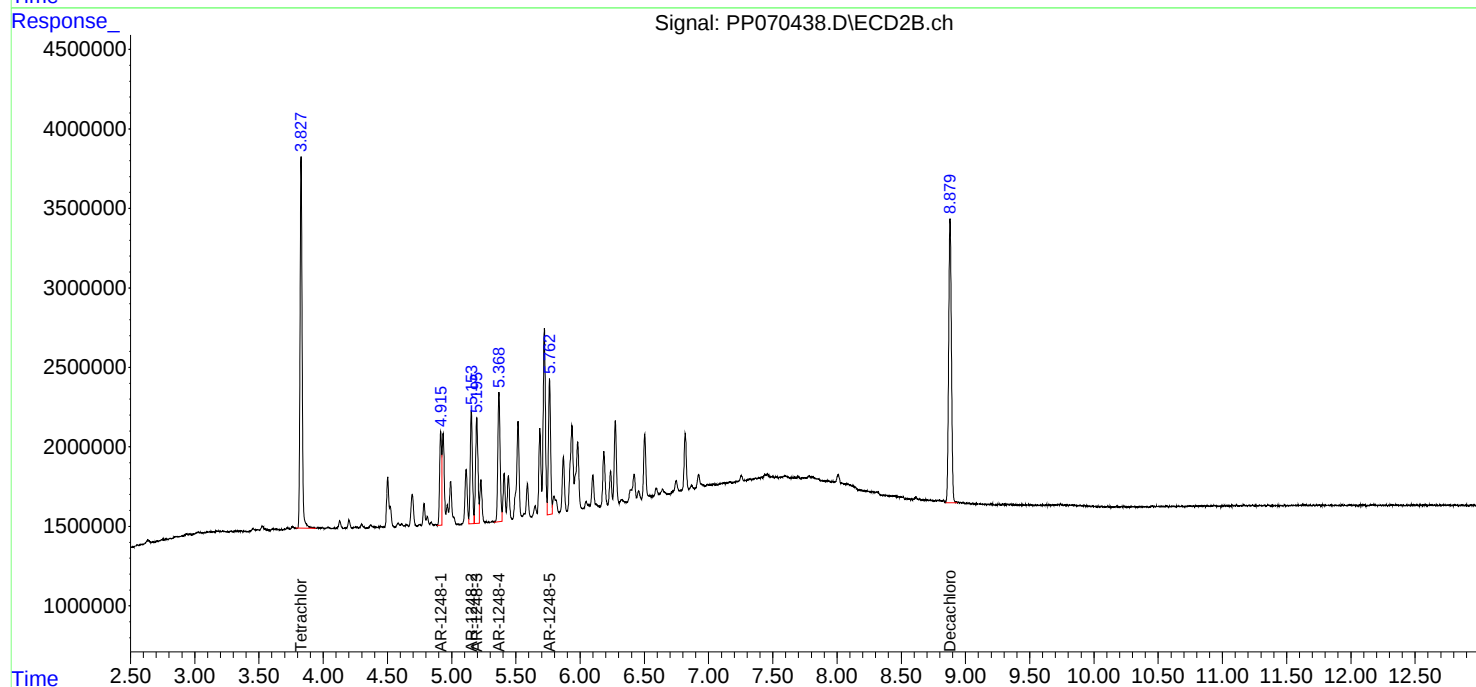
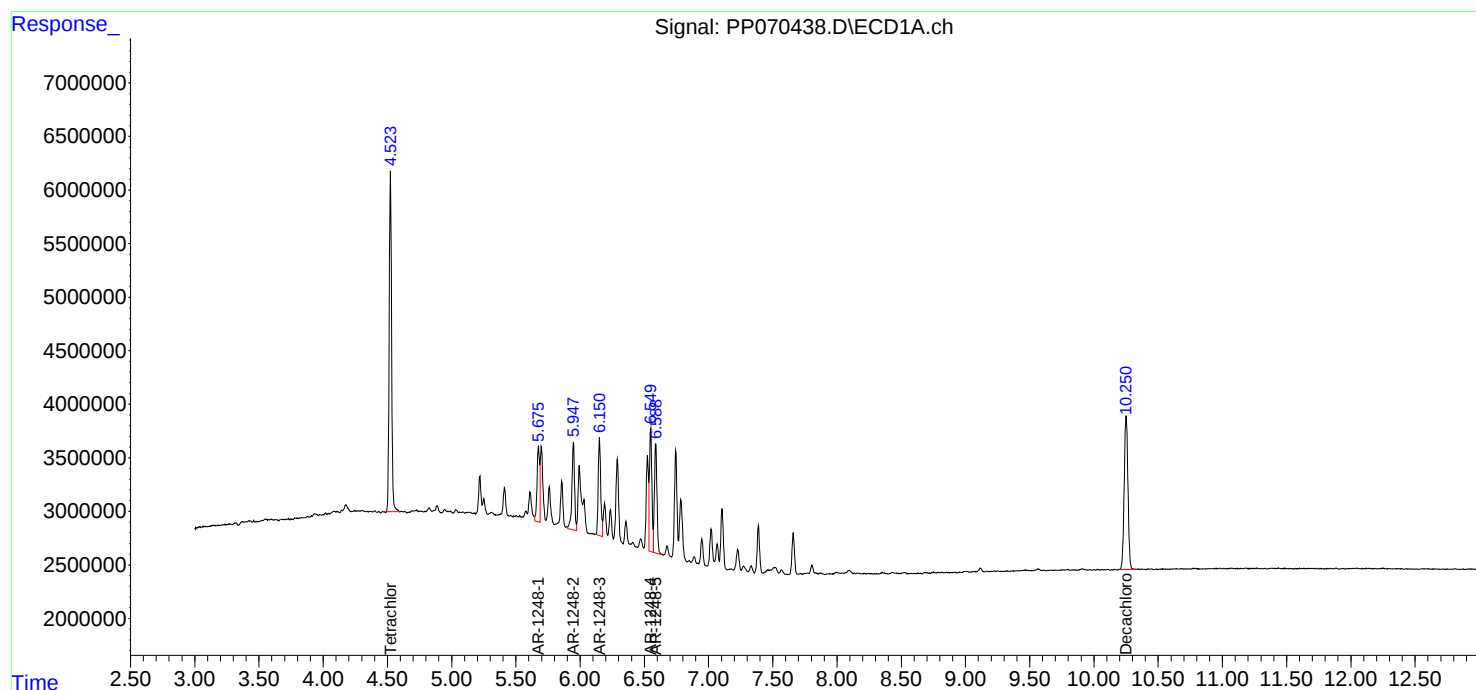
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070438.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 20:22  
Operator : YP\AJ  
Sample : AR1248ICC250  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC250

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 22:29:10 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 22:27:44 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\_P\Data\PP031125\  
 Data File : PP070439.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 20:39  
 Operator : YP\AJ  
 Sample : AR1248ICC050  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1248ICC050

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 03/12/2025  
 Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 22:29:21 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 22:27:44 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...          | 4.524  | 3.828 | 8186392 | 5340424 | 5.139   | 5.176  |
| 2) SA Decachlor...          | 10.252 | 8.879 | 5222131 | 5077972 | 4.704   | 5.077  |
| Target Compounds            |        |       |         |         |         |        |
| 21) L5 AR-1248-1            | 5.675  | 4.916 | 1822515 | 1195056 | 53.024m | 49.509 |
| 22) L5 AR-1248-2            | 5.946  | 5.154 | 1970177 | 1715212 | 44.703m | 54.271 |
| 23) L5 AR-1248-3            | 6.152  | 5.195 | 2271691 | 1567360 | 48.055  | 47.561 |
| 24) L5 AR-1248-4            | 6.551  | 5.368 | 3179324 | 2241362 | 55.247  | 58.306 |
| 25) L5 AR-1248-5            | 6.588  | 5.762 | 2749990 | 2082066 | 50.664  | 54.048 |
| -----                       |        |       |         |         |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070439.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 20:39  
Operator : YP\AJ  
Sample : AR1248ICC050  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

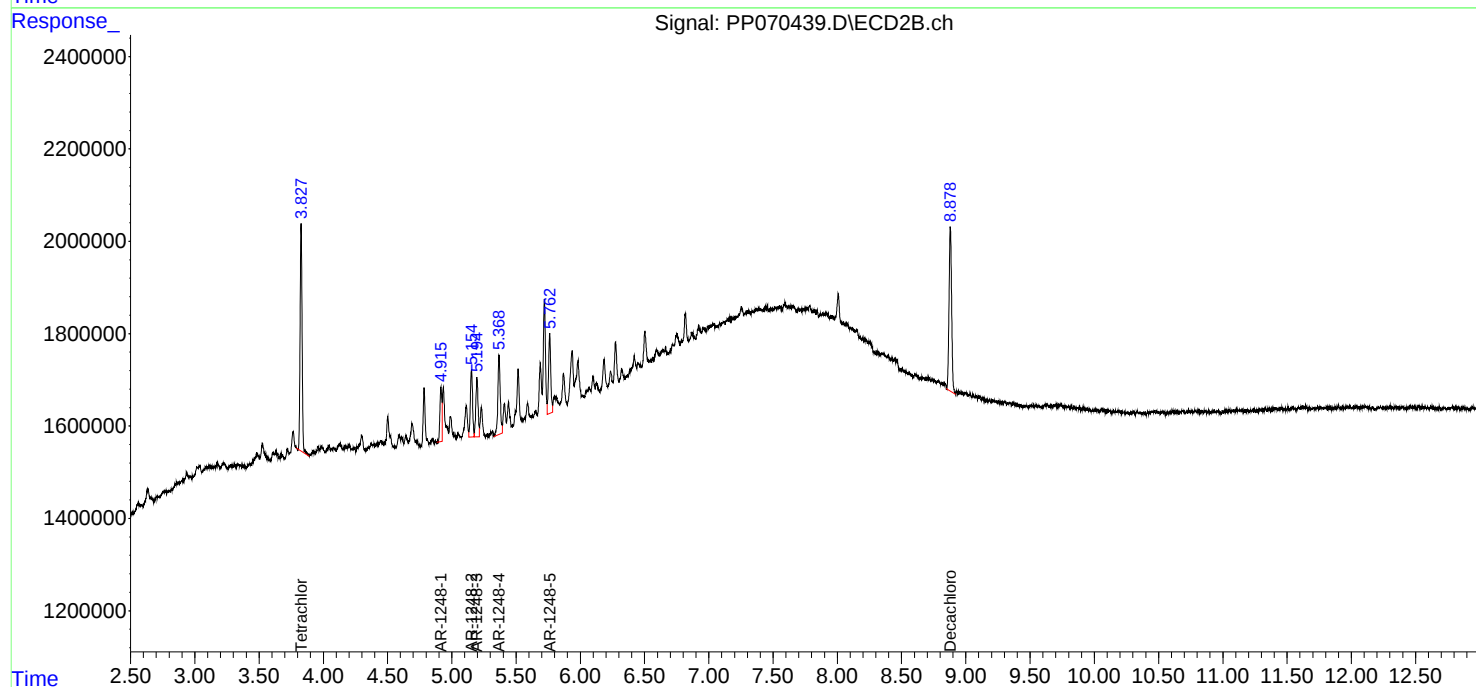
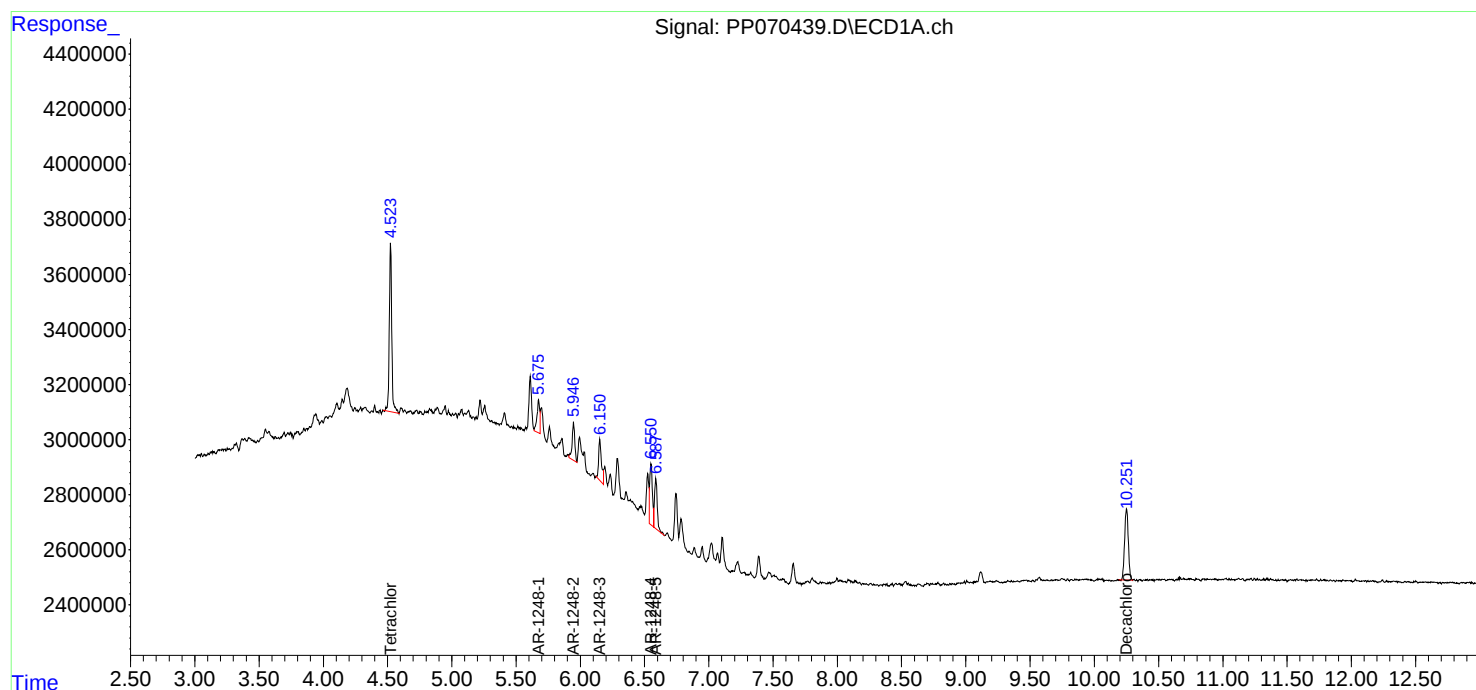
Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC050

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/12/2025  
Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 22:29:21 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 22:27:44 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\PP031125\  
 Data File : PP070440.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 20:55  
 Operator : YP\AJ  
 Sample : AR1254ICC1000  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1254ICC1000

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 22:42:36 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 22:41:00 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...          | 4.525  | 3.828 | 149.1E6  | 96720518 | 93.390  | 94.825  |
| 2) SA Decachlor...          | 10.251 | 8.879 | 105.2E6  | 96618792 | 92.933  | 88.886  |
| Target Compounds            |        |       |          |          |         |         |
| 26) L6 AR-1254-1            | 6.527  | 5.722 | 52191144 | 49741488 | 893.548 | 880.090 |
| 27) L6 AR-1254-2            | 6.743  | 5.870 | 76163232 | 43195538 | 909.453 | 890.167 |
| 28) L6 AR-1254-3            | 7.106  | 6.275 | 78867294 | 69004581 | 913.417 | 911.168 |
| 29) L6 AR-1254-4            | 7.389  | 6.503 | 65665428 | 48529875 | 916.687 | 908.500 |
| 30) L6 AR-1254-5            | 7.806  | 6.922 | 65604720 | 63254548 | 923.372 | 917.897 |
| -----                       |        |       |          |          |         |         |

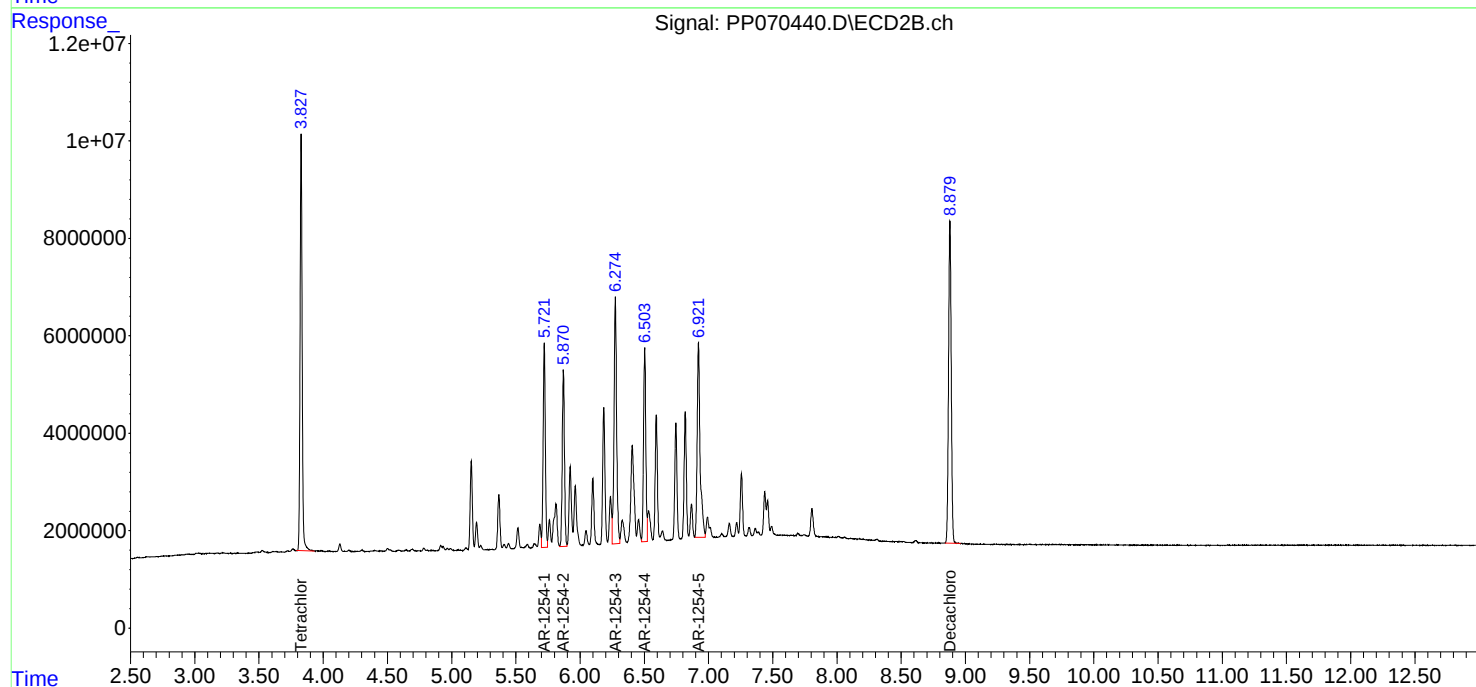
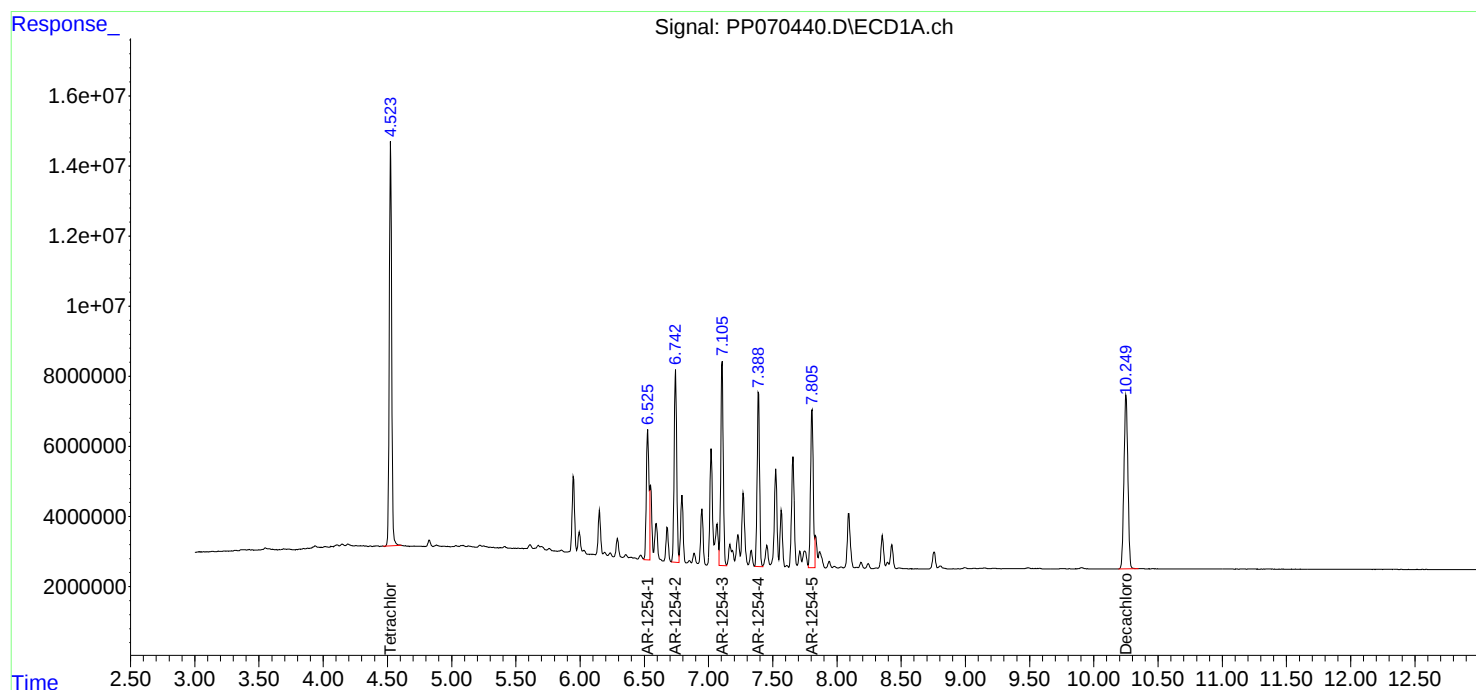
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070440.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 20:55  
Operator : YP\AJ  
Sample : AR1254ICC1000  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC1000

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 22:42:36 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 22:41:00 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
 Data File : PP070441.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 21:11  
 Operator : YP\AJ  
 Sample : AR1254ICC750  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1254ICC750

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 22:42:46 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 22:41:00 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...          | 4.524  | 3.828 | 116.1E6  | 73807381 | 72.699  | 72.361  |
| 2) SA Decachlor...          | 10.250 | 8.879 | 81355197 | 73665971 | 71.884  | 67.770  |
|                             |        |       |          |          |         |         |
| Target Compounds            |        |       |          |          |         |         |
| 26) L6 AR-1254-1            | 6.526  | 5.722 | 41082518 | 39812295 | 703.361 | 704.410 |
| 27) L6 AR-1254-2            | 6.743  | 5.870 | 59469212 | 34485922 | 710.112 | 710.681 |
| 28) L6 AR-1254-3            | 7.106  | 6.275 | 60993256 | 54135888 | 706.405 | 714.835 |
| 29) L6 AR-1254-4            | 7.388  | 6.503 | 51027528 | 38224583 | 712.343 | 715.580 |
| 30) L6 AR-1254-5            | 7.806  | 6.922 | 50892047 | 48947585 | 716.295 | 710.286 |
| -----                       |        |       |          |          |         |         |

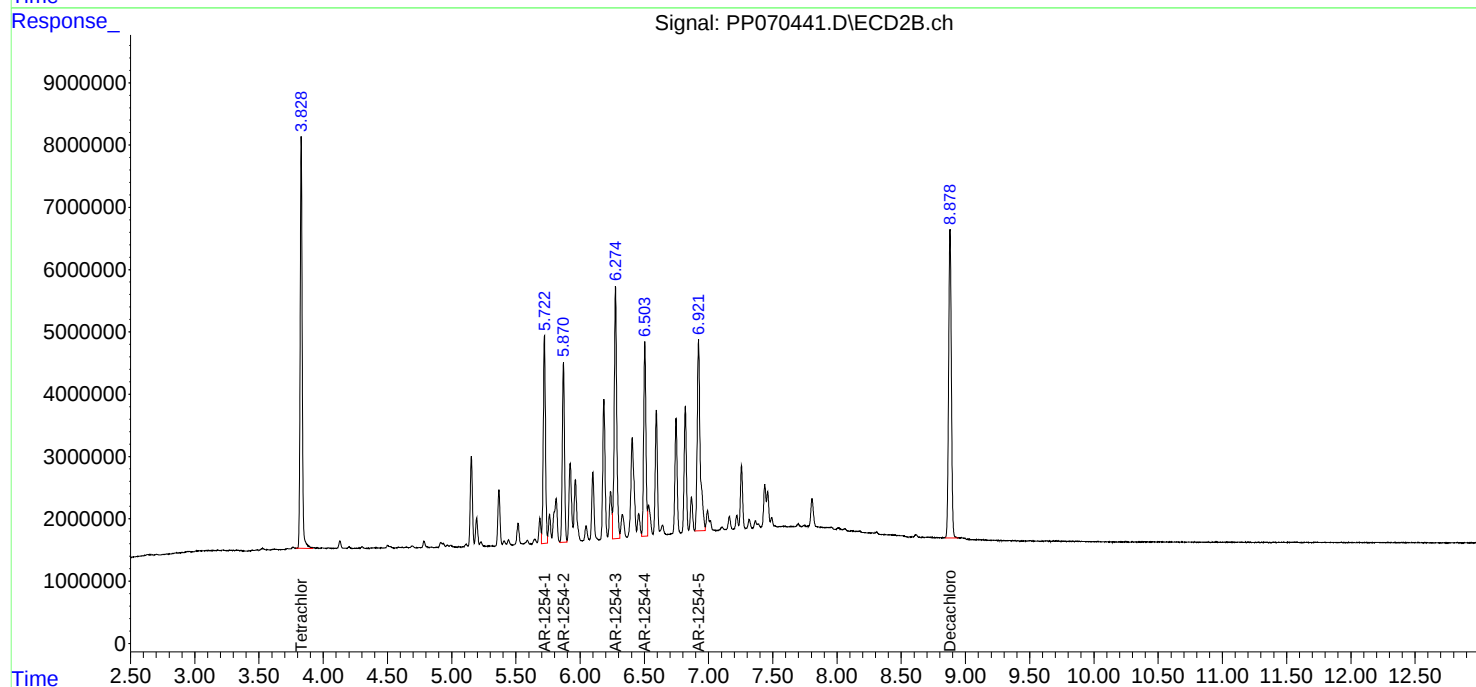
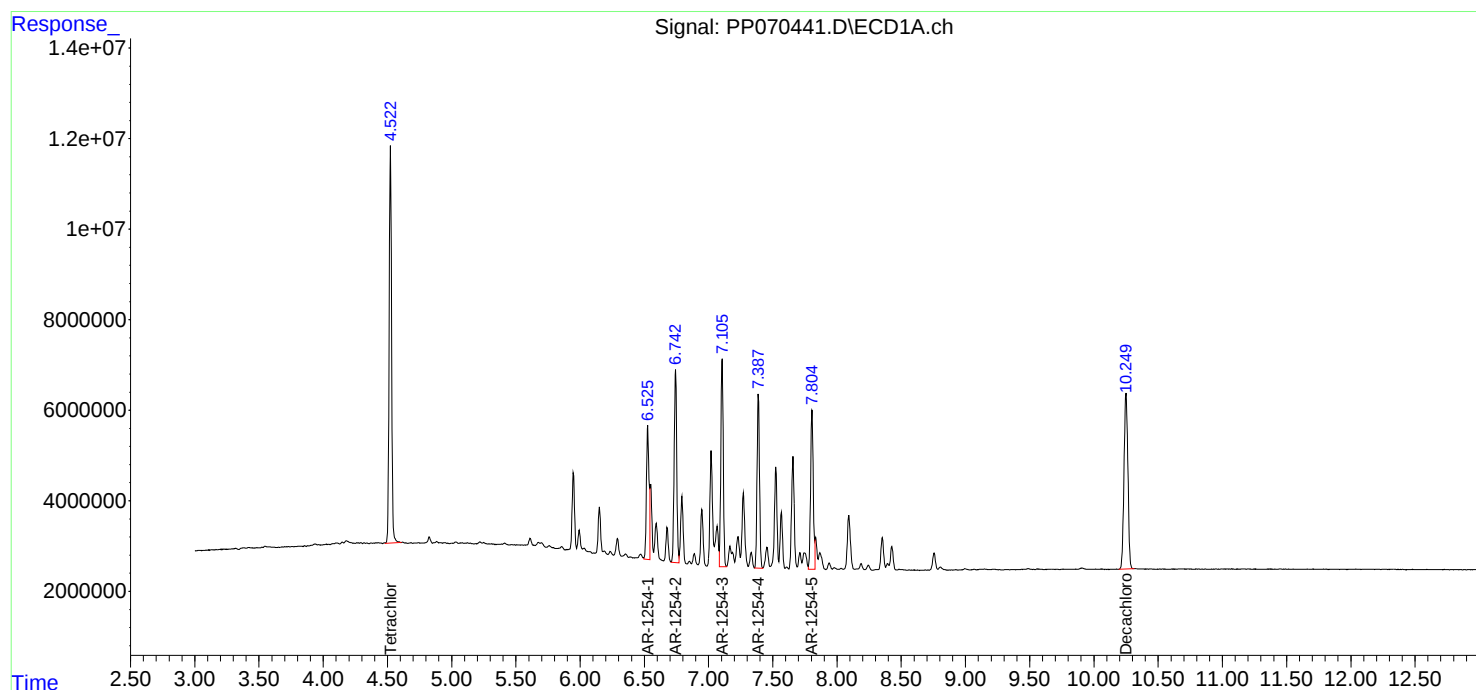
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070441.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 21:11  
Operator : YP\AJ  
Sample : AR1254ICC750  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC750

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 22:42:46 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 22:41:00 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\_P\Data\PP031125\  
 Data File : PP070442.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 21:28  
 Operator : YP\AJ  
 Sample : AR1254ICC500  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1254ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 22:43:01 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 22:41:00 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...          | 4.527  | 3.827 | 79847648 | 50999382 | 50.000  | 50.000  |
| 2) SA Decachlor...          | 10.253 | 8.879 | 56587852 | 54349698 | 50.000  | 50.000  |
| Target Compounds            |        |       |          |          |         |         |
| 26) L6 AR-1254-1            | 6.529  | 5.721 | 29204431 | 28259314 | 500.000 | 500.000 |
| 27) L6 AR-1254-2            | 6.745  | 5.869 | 41873104 | 24262597 | 500.000 | 500.000 |
| 28) L6 AR-1254-3            | 7.108  | 6.274 | 43171573 | 37866013 | 500.000 | 500.000 |
| 29) L6 AR-1254-4            | 7.391  | 6.502 | 35816695 | 26708804 | 500.000 | 500.000 |
| 30) L6 AR-1254-5            | 7.808  | 6.921 | 35524526 | 34456229 | 500.000 | 500.000 |
| -----                       |        |       |          |          |         |         |

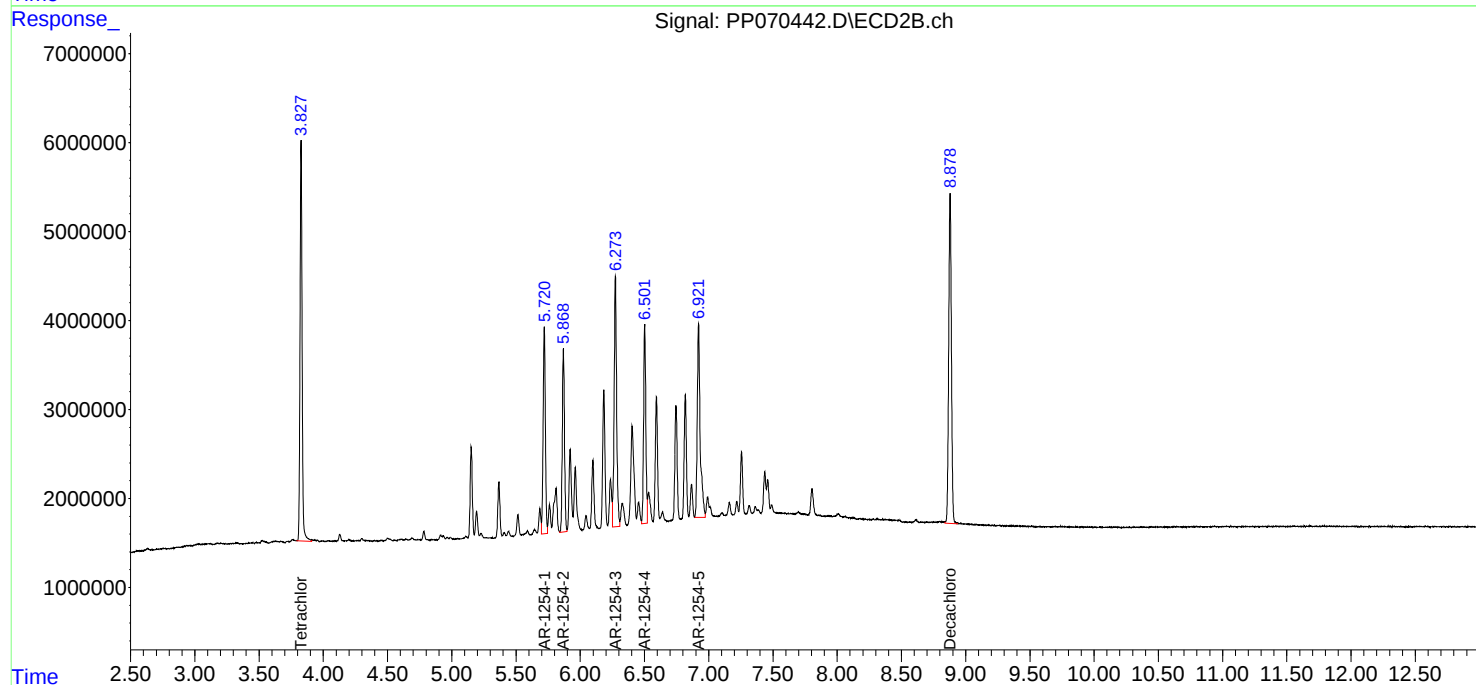
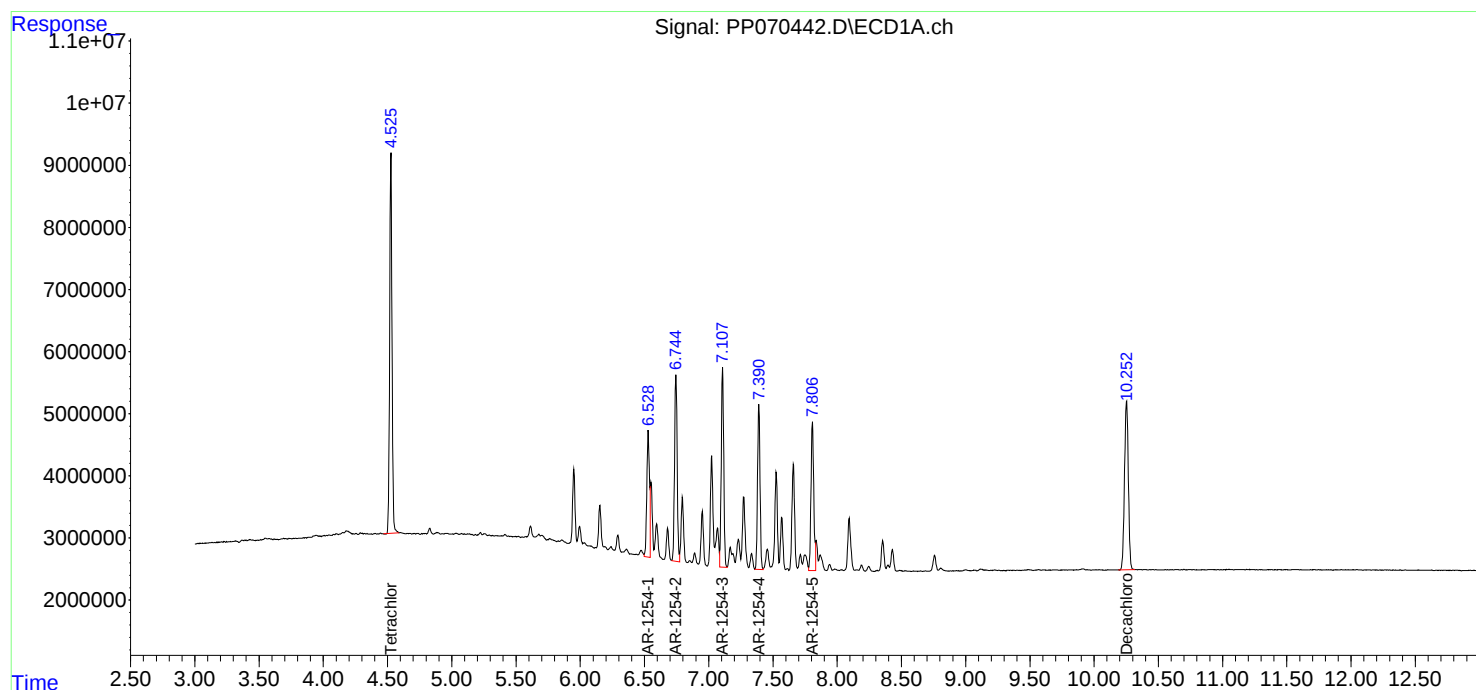
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070442.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 21:28  
Operator : YP\AJ  
Sample : AR1254ICC500  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 22:43:01 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 22:41:00 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
 Data File : PP070443.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 21:44  
 Operator : YP\AJ  
 Sample : AR1254ICC250  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1254ICC250

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 22:43:11 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 22:41:00 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...          | 4.522  | 3.828 | 41995422 | 27154292 | 26.297  | 26.622  |
| 2) SA Decachlor...          | 10.247 | 8.879 | 29750638 | 28828167 | 26.287  | 26.521  |
| Target Compounds            |        |       |          |          |         |         |
| 26) L6 AR-1254-1            | 6.524  | 5.721 | 15632135 | 15086022 | 267.633 | 266.921 |
| 27) L6 AR-1254-2            | 6.740  | 5.869 | 22251661 | 13109555 | 265.704 | 270.160 |
| 28) L6 AR-1254-3            | 7.103  | 6.274 | 22535007 | 20354474 | 260.994 | 268.770 |
| 29) L6 AR-1254-4            | 7.386  | 6.502 | 18941969 | 14262234 | 264.429 | 266.995 |
| 30) L6 AR-1254-5            | 7.802  | 6.921 | 18651779 | 18303656 | 262.520 | 265.607 |
| -----                       |        |       |          |          |         |         |

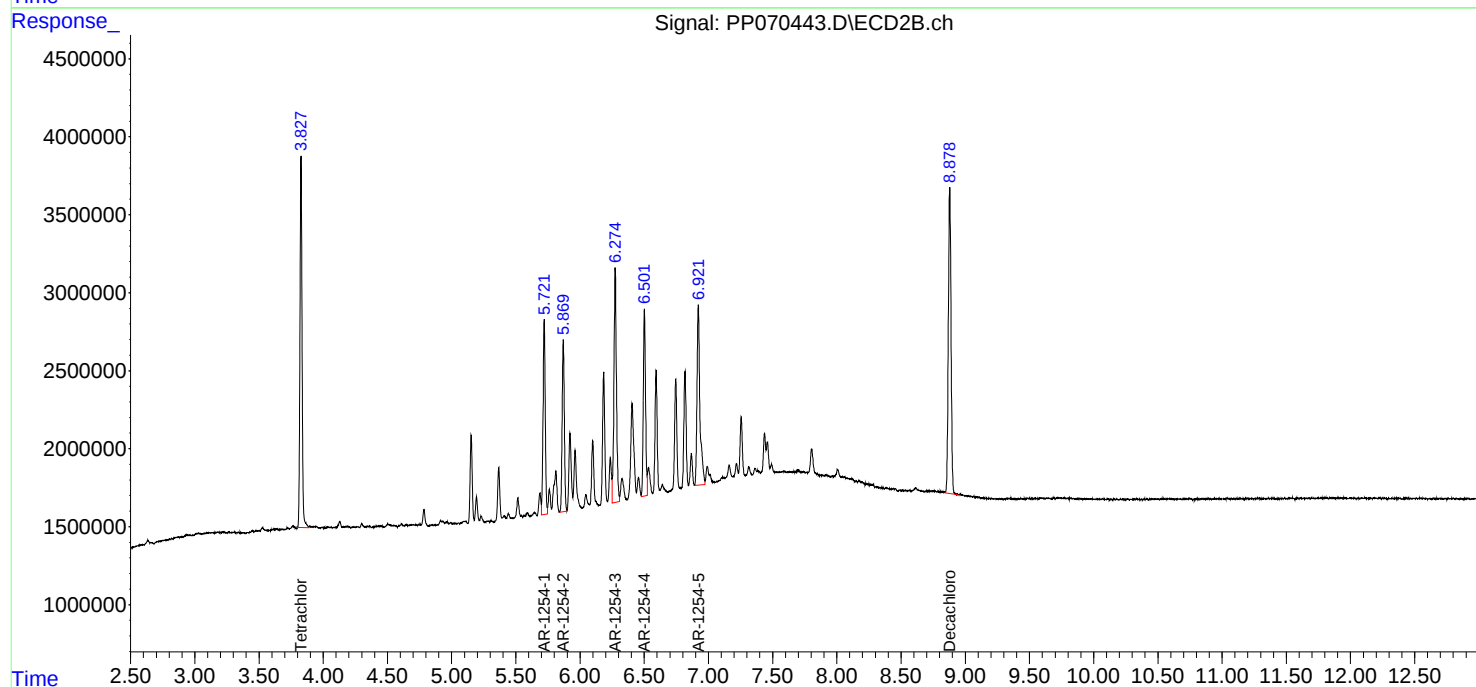
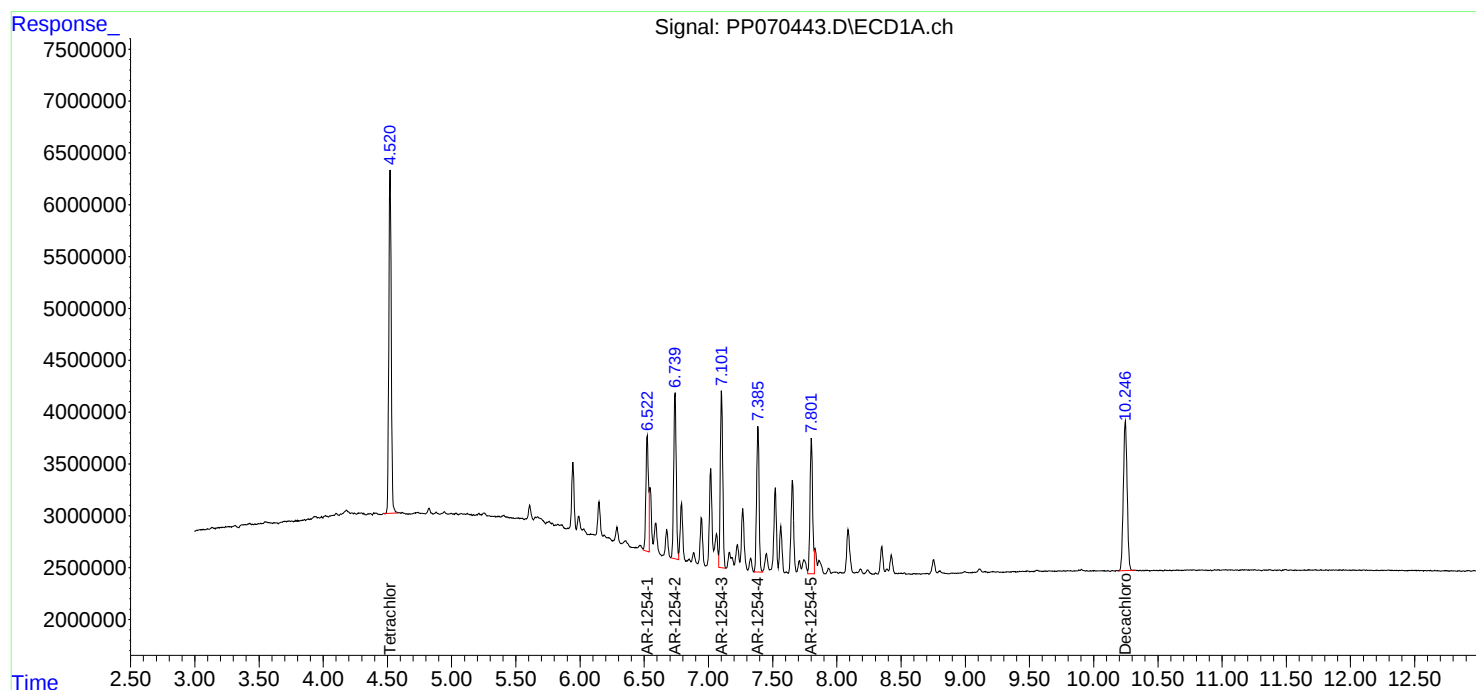
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070443.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 21:44  
Operator : YP\AJ  
Sample : AR1254ICC250  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC250

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 22:43:11 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 22:41:00 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\_P\Data\PP031125\  
 Data File : PP070444.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 22:00  
 Operator : YP\AJ  
 Sample : AR1254ICC050  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1254ICC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 22:43:23 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 22:41:00 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...          | 4.525  | 3.828 | 8190039 | 4946549 | 5.129  | 4.850  |
| 2) SA Decachlor...          | 10.249 | 8.879 | 5357119 | 5757506 | 4.733  | 5.297  |
| Target Compounds            |        |       |         |         |        |        |
| 26) L6 AR-1254-1            | 6.527  | 5.722 | 2919684 | 3096335 | 49.987 | 54.784 |
| 27) L6 AR-1254-2            | 6.743  | 5.870 | 3852617 | 2719612 | 46.003 | 56.045 |
| 28) L6 AR-1254-3            | 7.107  | 6.275 | 4209211 | 3937712 | 48.750 | 51.995 |
| 29) L6 AR-1254-4            | 7.388  | 6.503 | 3479126 | 2689850 | 48.568 | 50.355 |
| 30) L6 AR-1254-5            | 7.806  | 6.922 | 3508468 | 3731398 | 49.381 | 54.147 |
| -----                       |        |       |         |         |        |        |

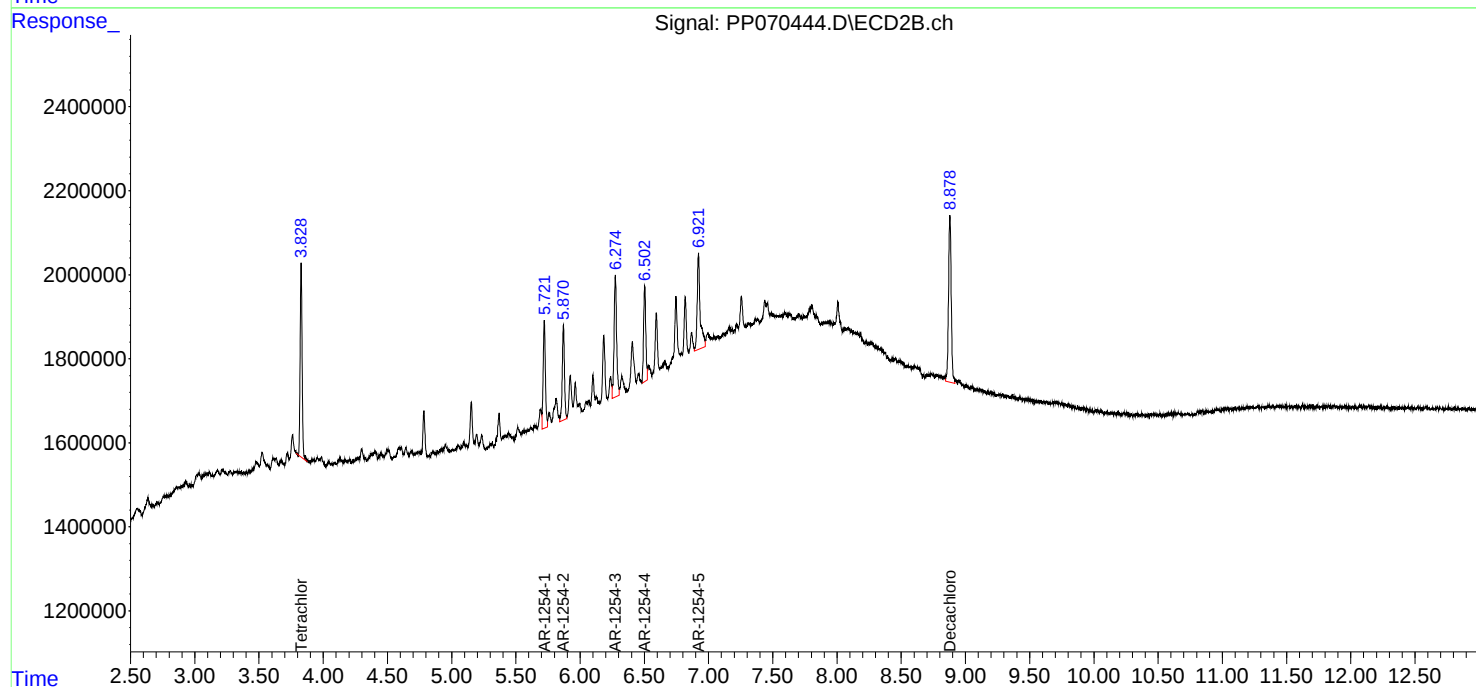
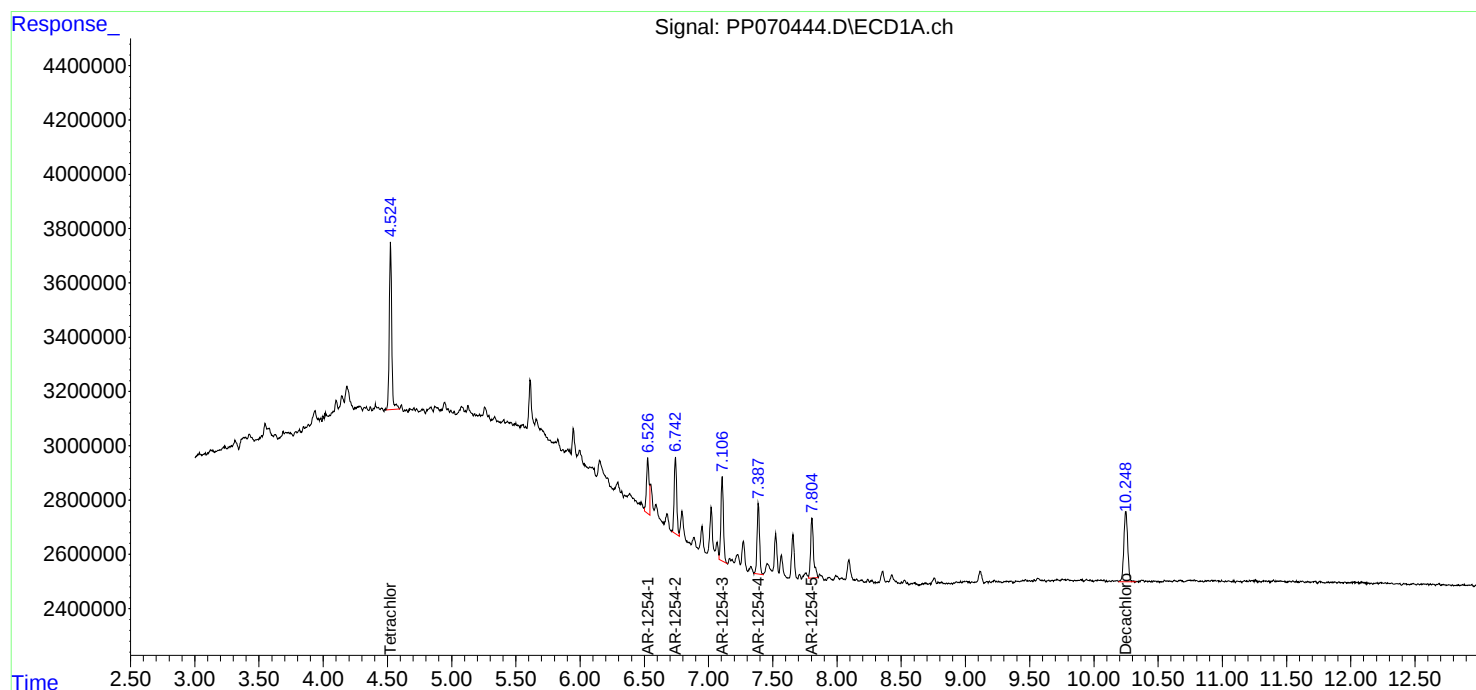
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070444.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 22:00  
Operator : YP\AJ  
Sample : AR1254ICC050  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 22:43:23 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 22:41:00 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
 Data File : PP070445.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 22:16  
 Operator : YP\AJ  
 Sample : AR1262ICC500  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1262ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 22:54:05 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 22:53:51 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...          | 4.524  | 3.828 | 79987375 | 50598241 | 50.000  | 50.000  |
| 2) SA Decachlor...          | 10.249 | 8.880 | 55265895 | 53517923 | 50.000  | 50.000  |
| Target Compounds            |        |       |          |          |         |         |
| 36) L8 AR-1262-1            | 8.107  | 6.960 | 40859309 | 41831981 | 500.000 | 500.000 |
| 37) L8 AR-1262-2            | 8.427  | 7.219 | 82356816 | 34364927 | 500.000 | 500.000 |
| 38) L8 AR-1262-3            | 8.745  | 7.743 | 56082248 | 32993103 | 500.000 | 500.000 |
| 39) L8 AR-1262-4            | 8.830  | 7.808 | 41901860 | 52217661 | 500.000 | 500.000 |
| 40) L8 AR-1262-5            | 9.487  | 8.310 | 29448112 | 25775032 | 500.000 | 500.000 |
| -----                       |        |       |          |          |         |         |

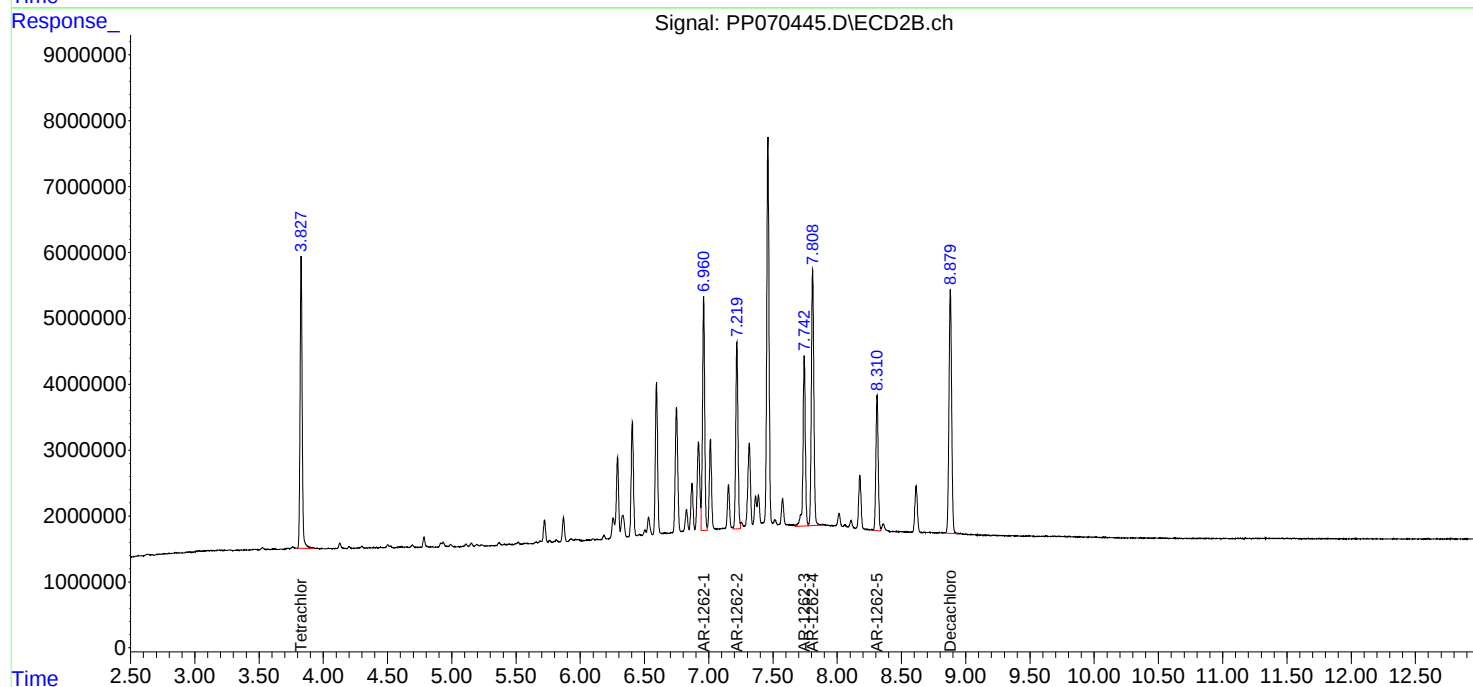
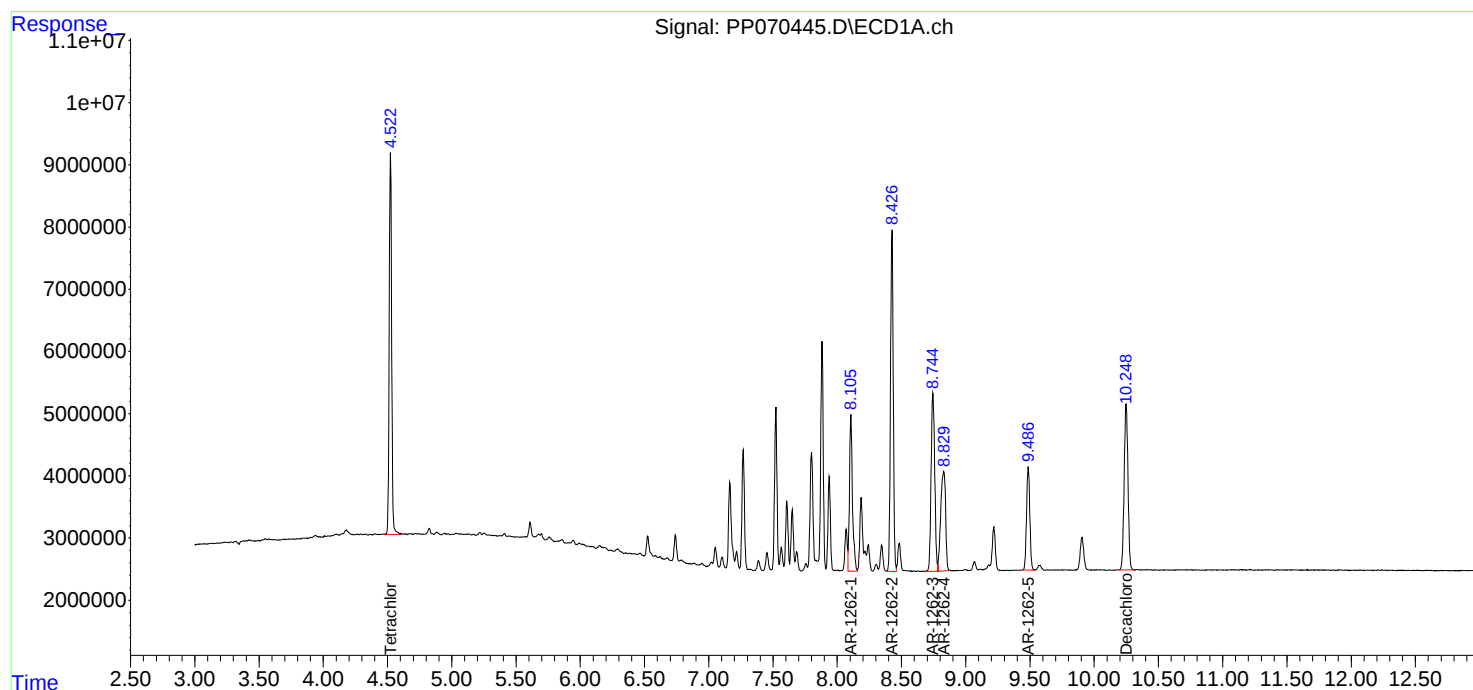
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070445.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 22:16  
Operator : YP\AJ  
Sample : AR1262ICC500  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1262ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 22:54:05 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 22:53:51 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\PP031125\  
 Data File : PP070446.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 22:33  
 Operator : YP\AJ  
 Sample : AR1268ICC1000  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1268ICC1000

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 23:51:23 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 23:28:39 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...          | 4.527  | 3.827 | 156.0E6  | 101.9E6  | 94.867  | 92.435  |
| 2) SA Decachlor...          | 10.254 | 8.878 | 179.7E6  | 163.2E6  | 93.195  | 93.675  |
| Target Compounds            |        |       |          |          |         |         |
| 41) L9 AR-1268-1            | 8.745  | 7.743 | 188.5E6  | 168.4E6  | 935.648 | 940.387 |
| 42) L9 AR-1268-2            | 8.839  | 7.808 | 162.7E6  | 142.0E6  | 939.401 | 947.708 |
| 43) L9 AR-1268-3            | 9.072  | 8.015 | 140.0E6  | 125.4E6  | 934.124 | 967.486 |
| 44) L9 AR-1268-4            | 9.491  | 8.309 | 62601215 | 54287293 | 945.965 | 955.597 |
| 45) L9 AR-1268-5            | 9.911  | 8.613 | 401.2E6  | 364.2E6  | 947.852 | 962.567 |
| -----                       |        |       |          |          |         |         |

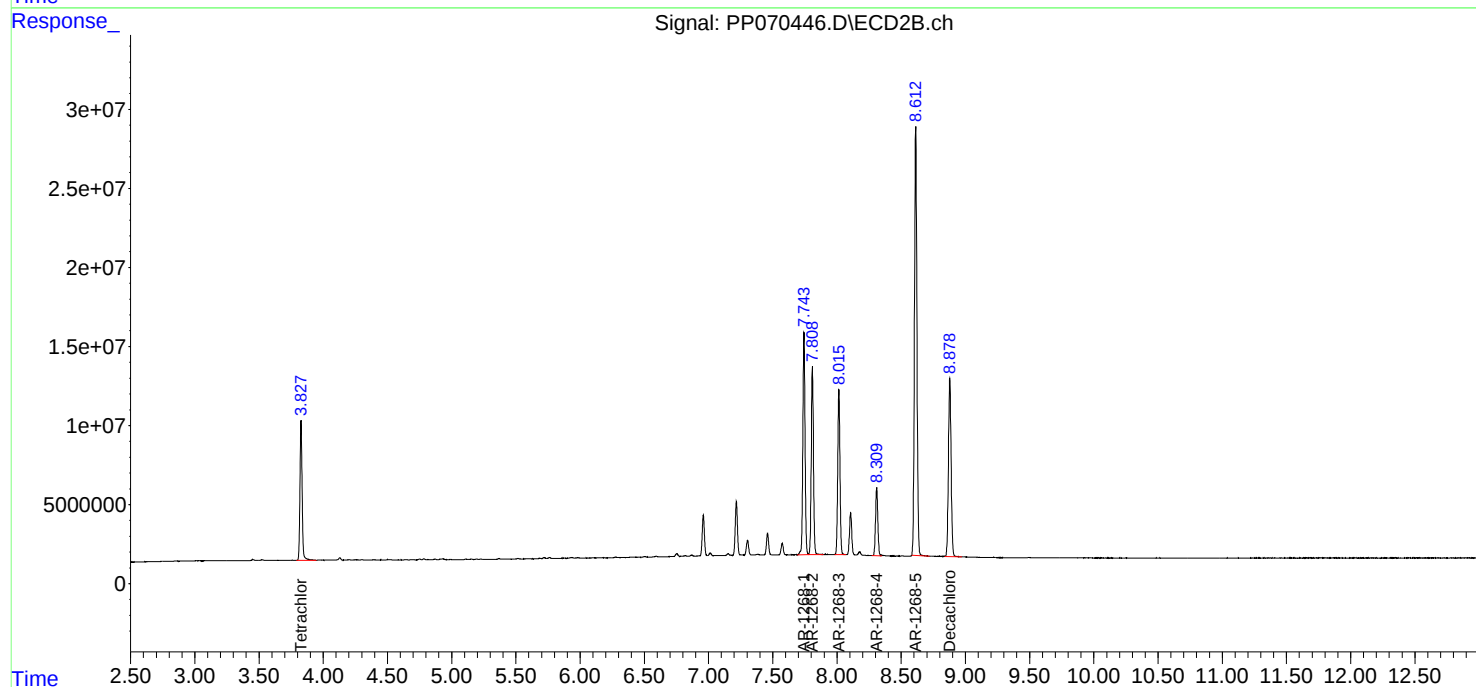
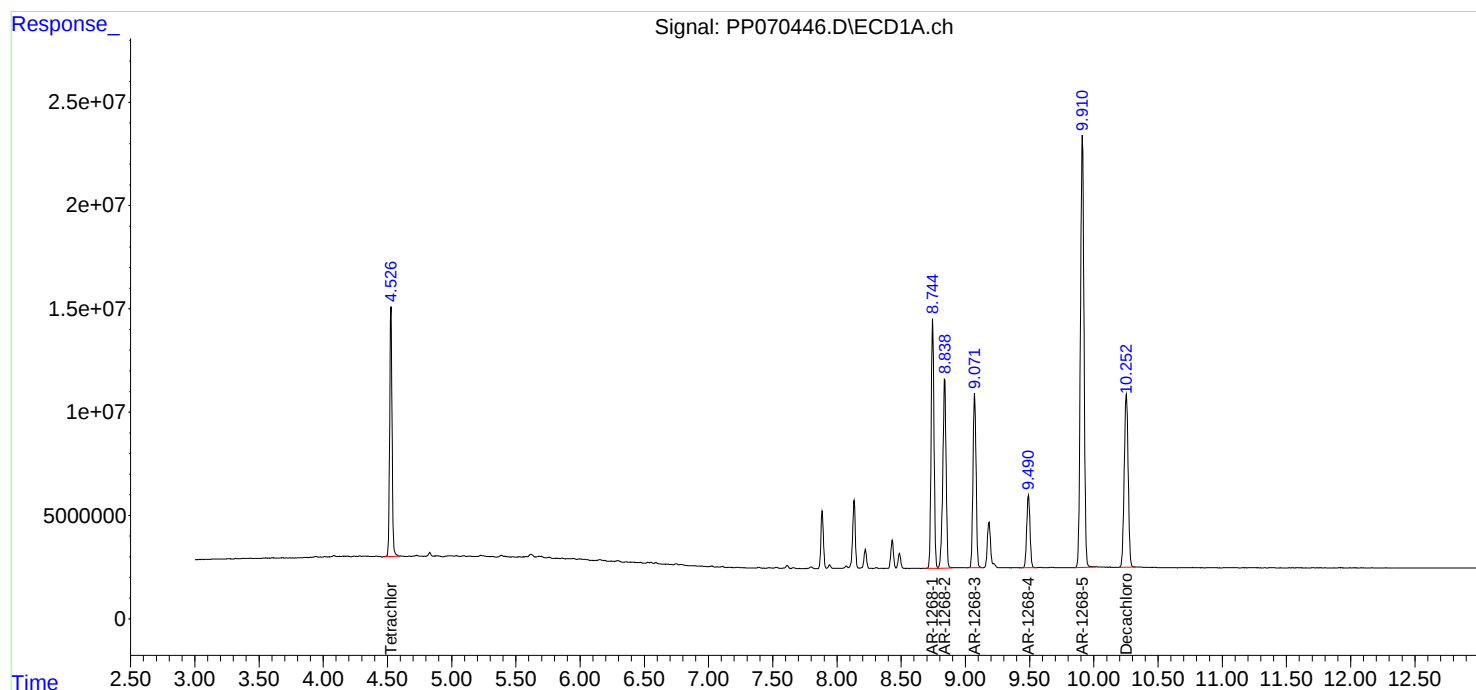
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070446.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 22:33  
Operator : YP\AJ  
Sample : AR1268ICC1000  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC1000

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 23:51:23 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 23:28:39 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\PP031125\  
 Data File : PP070447.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 22:49  
 Operator : YP\AJ  
 Sample : AR1268ICC750  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1268ICC750

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 23:51:33 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 23:28:39 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...          | 4.525  | 3.828 | 116.7E6  | 77586720 | 71.014  | 70.350  |
| 2) SA Decachlor...          | 10.250 | 8.879 | 138.1E6  | 124.4E6  | 71.630  | 71.383  |
|                             |        |       |          |          |         |         |
| Target Compounds            |        |       |          |          |         |         |
| 41) L9 AR-1268-1            | 8.742  | 7.744 | 143.6E6  | 124.5E6  | 712.768 | 695.587 |
| 42) L9 AR-1268-2            | 8.836  | 7.809 | 124.1E6  | 105.1E6  | 716.292 | 701.198 |
| 43) L9 AR-1268-3            | 9.069  | 8.016 | 107.0E6  | 90348904 | 713.888 | 697.329 |
| 44) L9 AR-1268-4            | 9.489  | 8.309 | 47447237 | 39925484 | 716.974 | 702.792 |
| 45) L9 AR-1268-5            | 9.908  | 8.614 | 305.7E6  | 271.7E6  | 722.384 | 718.128 |
| -----                       |        |       |          |          |         |         |

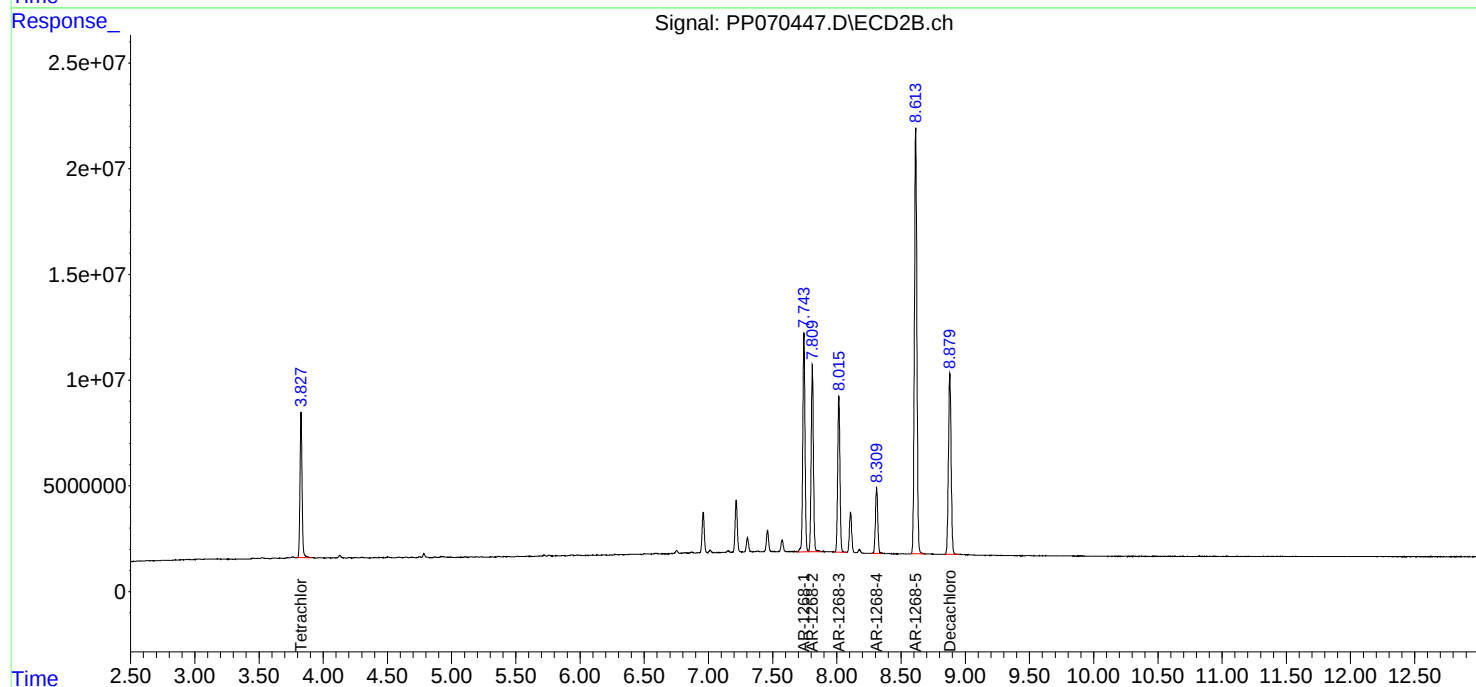
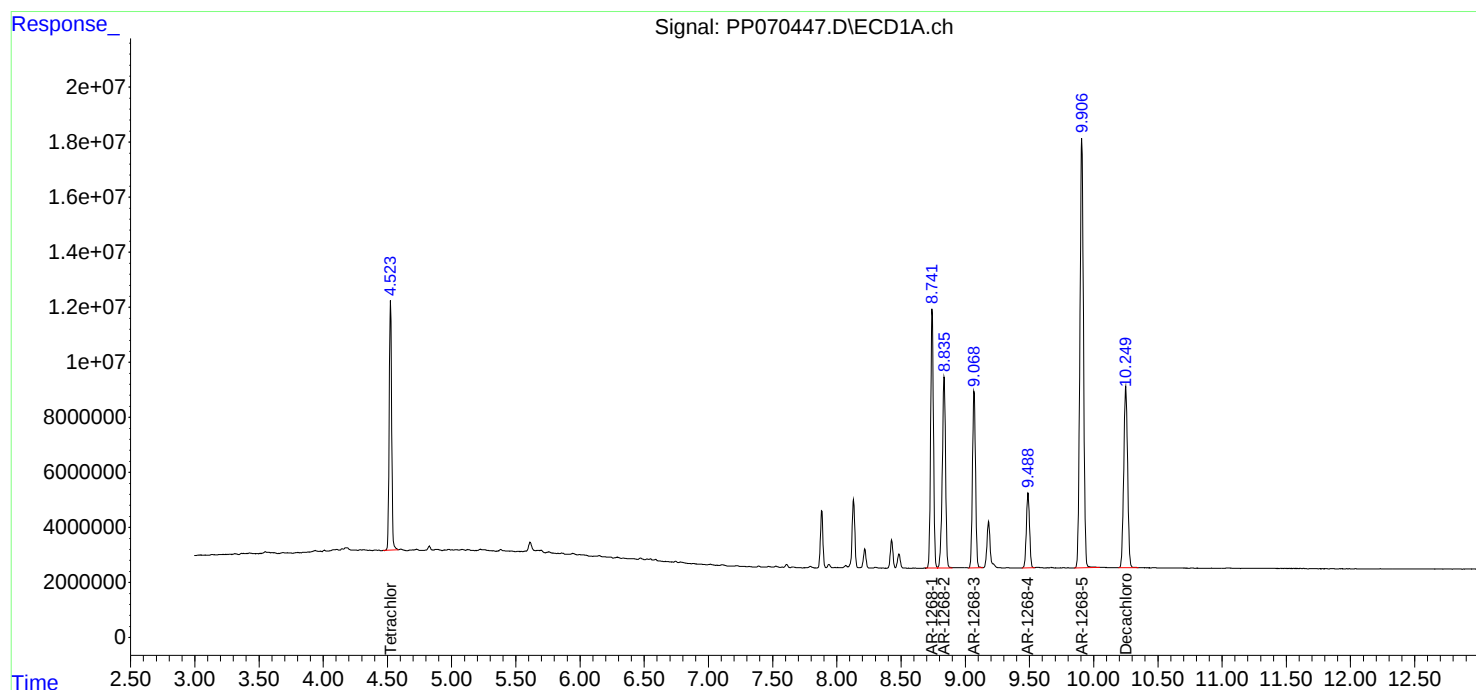
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070447.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 22:49  
Operator : YP\AJ  
Sample : AR1268ICC750  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC750

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 23:51:33 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 23:28:39 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\PP031125\  
 Data File : PP070448.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 23:05  
 Operator : YP\AJ  
 Sample : AR1268ICC500  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1268ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 23:51:44 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 23:28:39 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...          | 4.522  | 3.827 | 82202011 | 55143422 | 50.000  | 50.000  |
| 2) SA Decachlor...          | 10.248 | 8.879 | 96427272 | 87115877 | 50.000  | 50.000  |
| Target Compounds            |        |       |          |          |         |         |
| 41) L9 AR-1268-1            | 8.740  | 7.743 | 100.7E6  | 89523621 | 500.000 | 500.000 |
| 42) L9 AR-1268-2            | 8.833  | 7.809 | 86604260 | 74921217 | 500.000 | 500.000 |
| 43) L9 AR-1268-3            | 9.066  | 8.015 | 74917746 | 64782125 | 500.000 | 500.000 |
| 44) L9 AR-1268-4            | 9.487  | 8.310 | 33088538 | 28404907 | 500.000 | 500.000 |
| 45) L9 AR-1268-5            | 9.904  | 8.613 | 211.6E6  | 189.2E6  | 500.000 | 500.000 |
| -----                       |        |       |          |          |         |         |

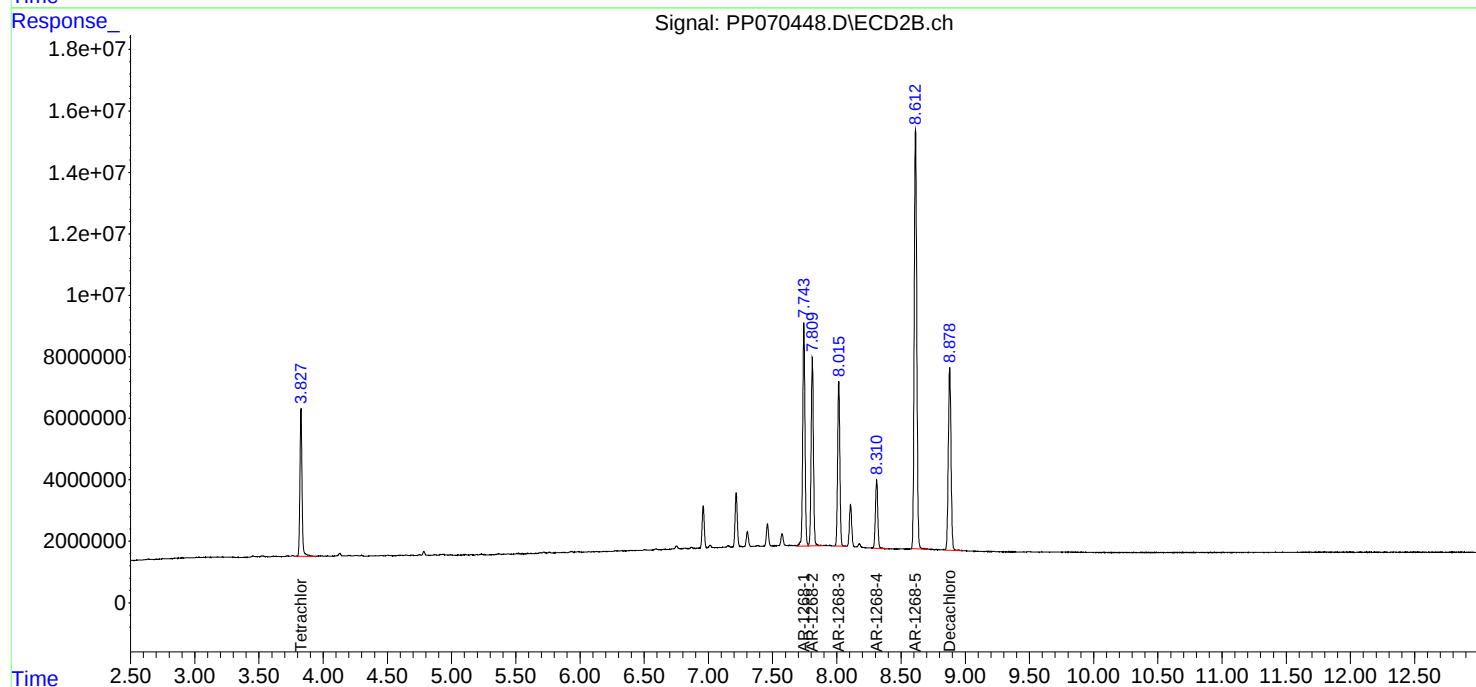
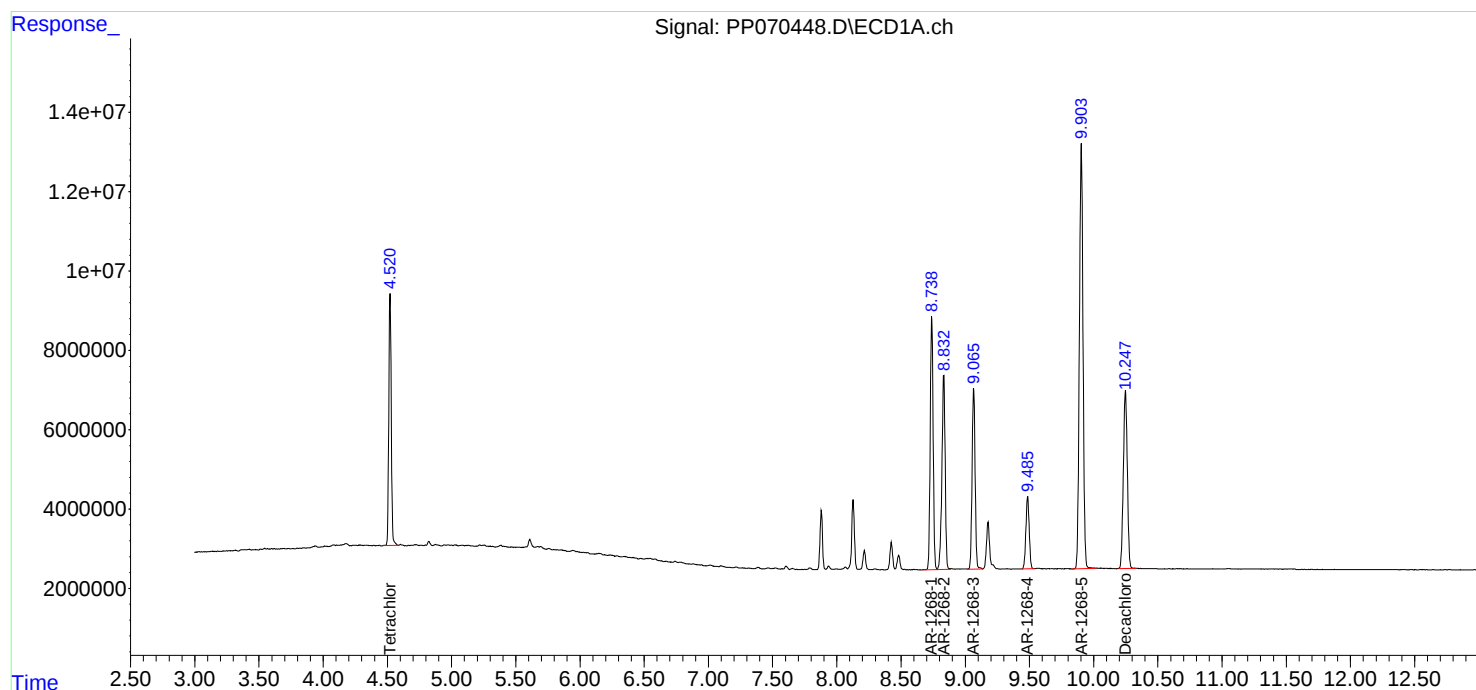
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070448.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 23:05  
Operator : YP\AJ  
Sample : AR1268ICC500  
Misc :  
ALS Vial : 32 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 23:51:44 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 23:28:39 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\PP031125\  
 Data File : PP070449.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 23:22  
 Operator : YP\AJ  
 Sample : AR1268ICC250  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1268ICC250

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 23:51:56 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 23:28:39 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...          | 4.523  | 3.826 | 42716878 | 29621715 | 25.983  | 26.859  |
| 2) SA Decachlor...          | 10.248 | 8.877 | 50455822 | 45920300 | 26.163  | 26.356  |
|                             |        |       |          |          |         |         |
| Target Compounds            |        |       |          |          |         |         |
| 41) L9 AR-1268-1            | 8.741  | 7.742 | 52769831 | 46752818 | 261.890 | 261.120 |
| 42) L9 AR-1268-2            | 8.834  | 7.808 | 45106498 | 38372677 | 260.417 | 256.087 |
| 43) L9 AR-1268-3            | 9.067  | 8.014 | 38921973 | 33274907 | 259.765 | 256.822 |
| 44) L9 AR-1268-4            | 9.486  | 8.308 | 16901246 | 14619988 | 255.394 | 257.350 |
| 45) L9 AR-1268-5            | 9.905  | 8.612 | 110.8E6  | 95223241 | 261.876 | 251.705 |
| -----                       |        |       |          |          |         |         |

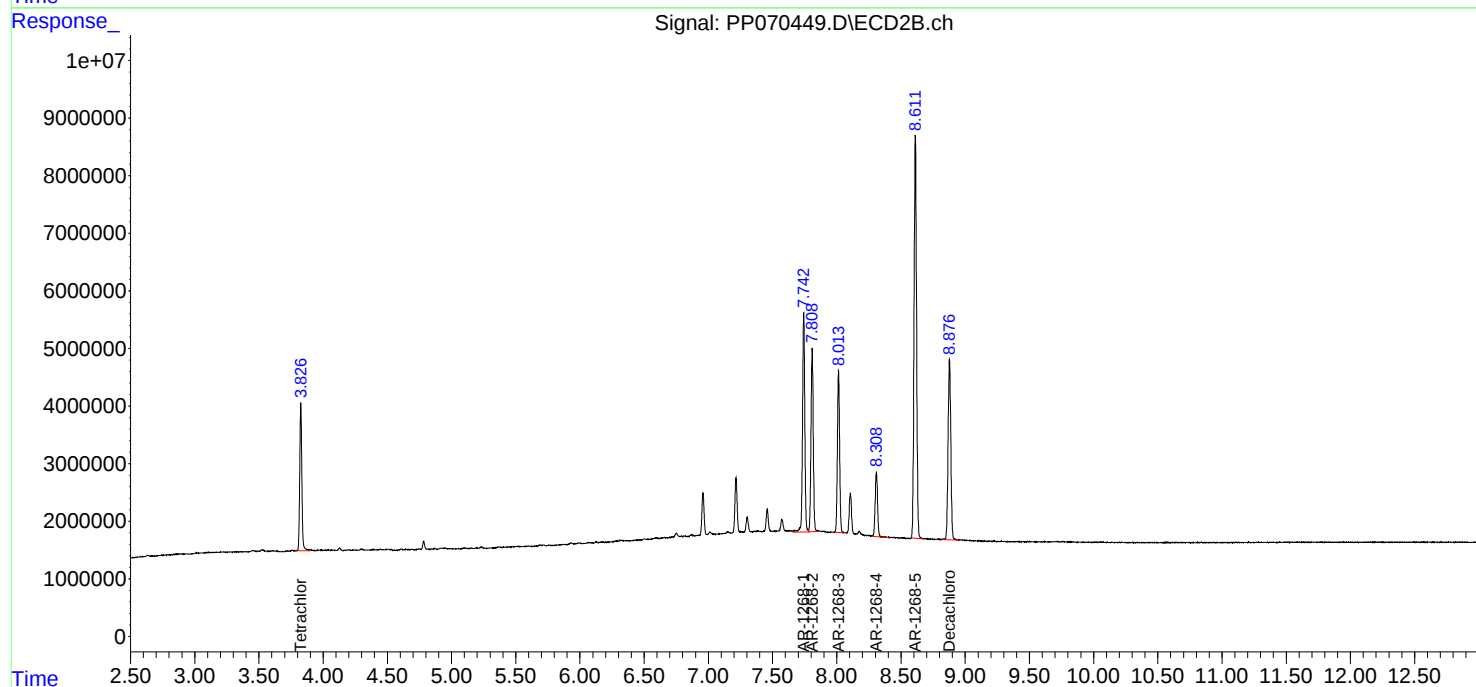
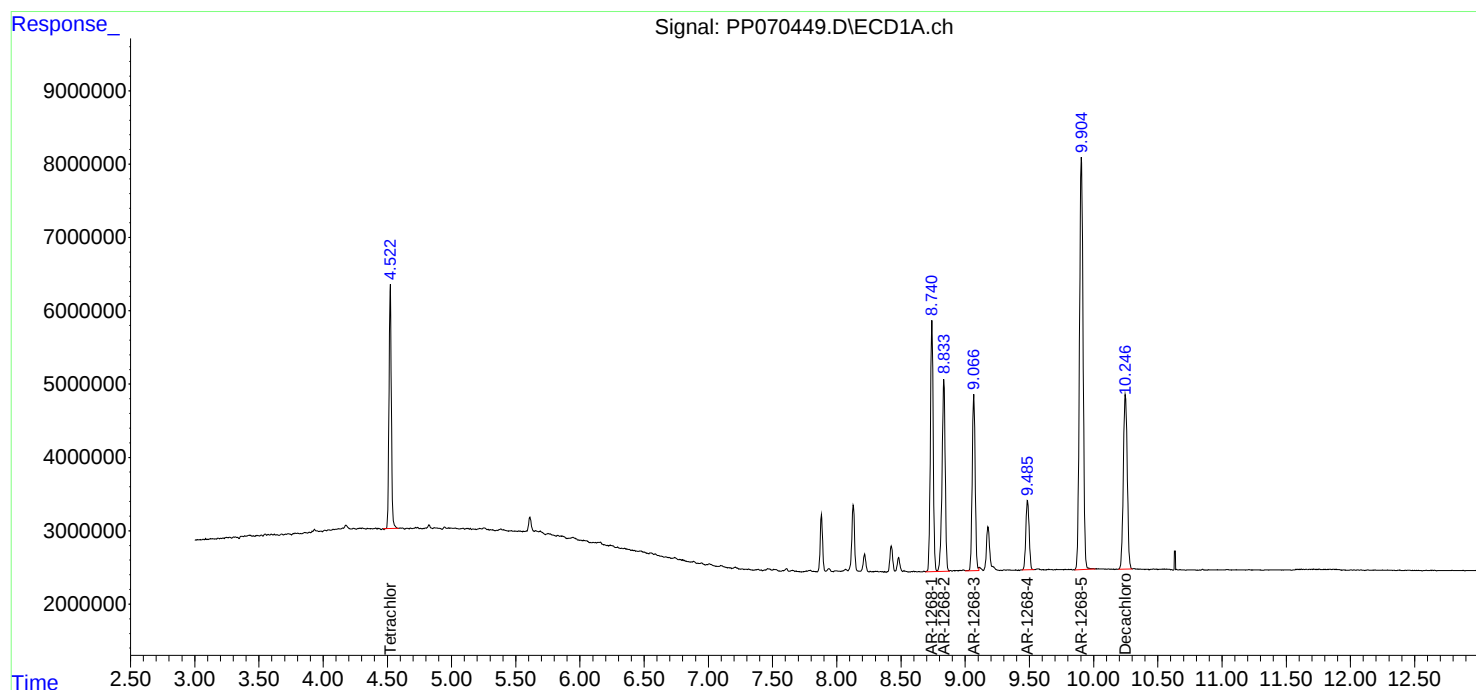
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070449.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 23:22  
Operator : YP\AJ  
Sample : AR1268ICC250  
Misc :  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC250

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 23:51:56 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 23:28:39 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\PP031125\  
 Data File : PP070450.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 23:38  
 Operator : YP\AJ  
 Sample : AR1268ICC050  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1268ICC050

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 03/12/2025  
 Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 11 23:57:09 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue Mar 11 23:28:39 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...          | 4.528  | 3.828 | 8554411  | 5571543  | 5.289  | 5.133   |
| 2) SA Decachlor...          | 10.252 | 8.879 | 9326315  | 9031570  | 4.918  | 5.259   |
| Target Compounds            |        |       |          |          |        |         |
| 41) L9 AR-1268-1            | 8.745  | 7.743 | 9919952  | 8743585  | 50.063 | 49.928m |
| 42) L9 AR-1268-2            | 8.839  | 7.808 | 8340607  | 7243137  | 48.935 | 49.489m |
| 43) L9 AR-1268-3            | 9.072  | 8.014 | 7178199  | 6658040  | 48.822 | 52.376m |
| 44) L9 AR-1268-4            | 9.491  | 8.309 | 2987981  | 2604541  | 46.032 | 46.758  |
| 45) L9 AR-1268-5            | 9.910  | 8.613 | 21070074 | 17728904 | 50.305 | 47.735  |
| -----                       |        |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070450.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 23:38  
Operator : YP\AJ  
Sample : AR1268ICC050  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

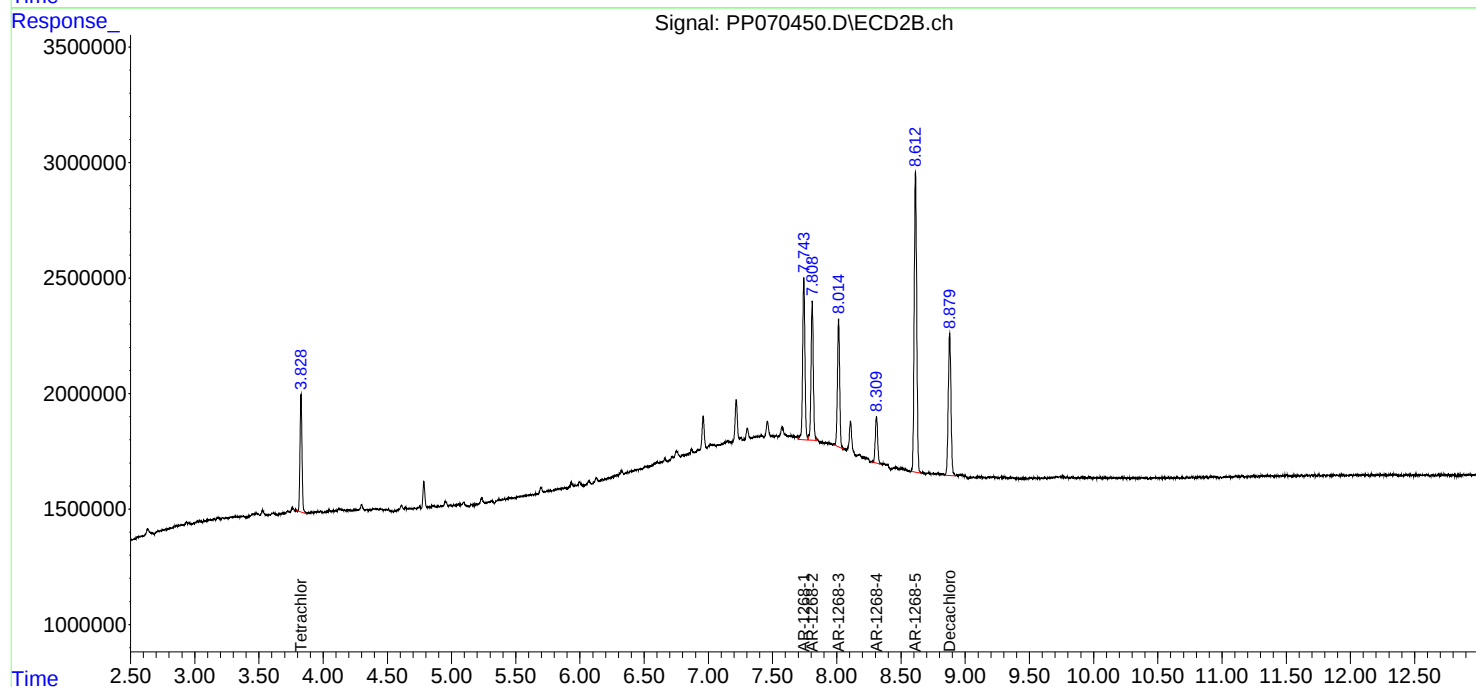
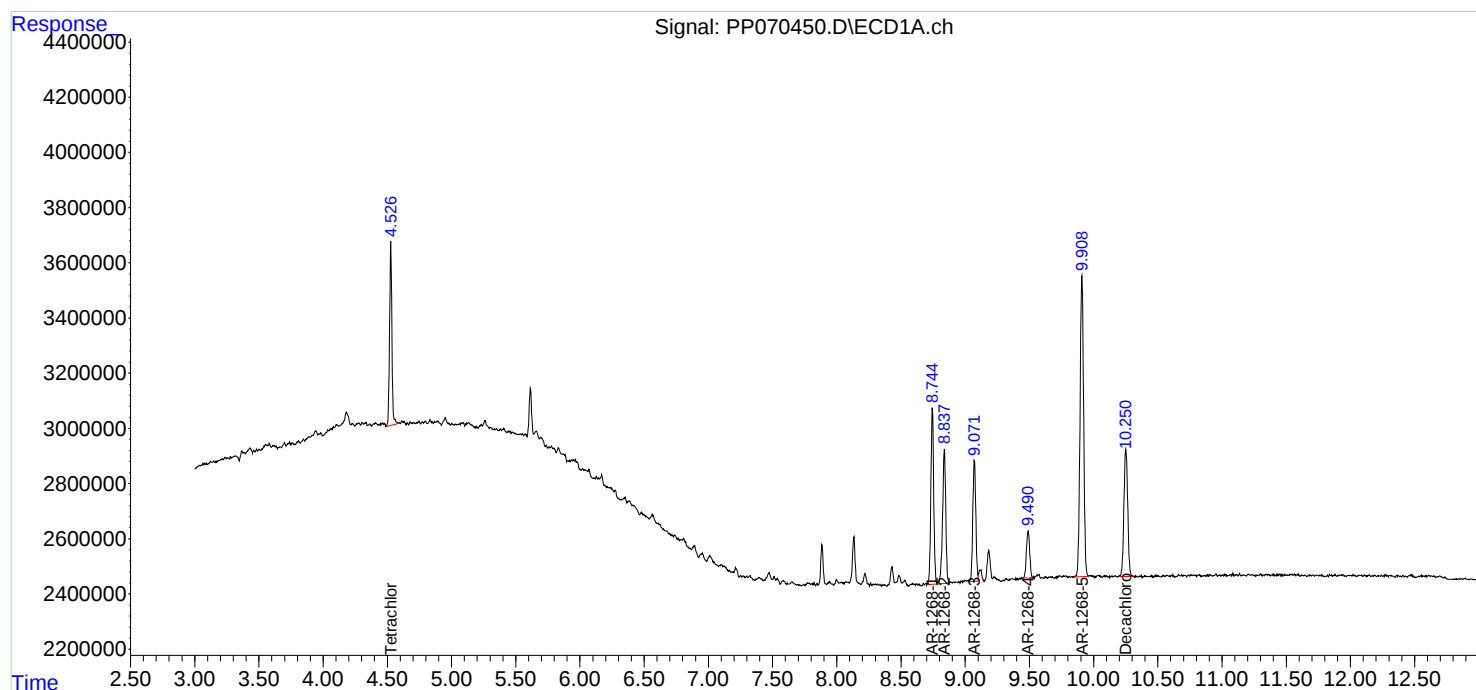
Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC050

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/12/2025  
Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 11 23:57:09 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue Mar 11 23:28:39 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\PP031125\  
 Data File : PP070451.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 23:54  
 Operator : YP\AJ  
 Sample : PP031125ICV500  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 ICVPP031125

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 12 01:13:46 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Mar 12 00:06:24 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...          | 4.523  | 3.827 | 81467484 | 52091643 | 52.378  | 51.973  |
| 2) SA Decachlor...          | 10.249 | 8.877 | 57030864 | 51101188 | 53.684  | 52.231  |
| Target Compounds            |        |       |          |          |         |         |
| 3) L1 AR-1016-1             | 5.675  | 4.914 | 26763573 | 18466483 | 516.161 | 513.635 |
| 4) L1 AR-1016-2             | 5.697  | 4.933 | 39150950 | 25663697 | 547.223 | 493.849 |
| 5) L1 AR-1016-3             | 5.760  | 5.111 | 24376753 | 14439904 | 535.307 | 507.493 |
| 6) L1 AR-1016-4             | 5.857  | 5.152 | 20068166 | 11515792 | 514.070 | 514.330 |
| 7) L1 AR-1016-5             | 6.150  | 5.367 | 18221356 | 14760415 | 526.294 | 496.668 |
| 31) L7 AR-1260-1            | 7.269  | 6.404 | 31459138 | 25772586 | 535.582 | 517.684 |
| 32) L7 AR-1260-2            | 7.523  | 6.592 | 43093099 | 34068219 | 525.250 | 515.502 |
| 33) L7 AR-1260-3            | 7.882  | 6.746 | 35379890 | 29455426 | 538.034 | 514.979 |
| 34) L7 AR-1260-4            | 8.106  | 7.218 | 34778399 | 26486148 | 532.246 | 517.676 |
| 35) L7 AR-1260-5            | 8.427  | 7.460 | 73694362 | 66685007 | 539.184 | 517.800 |
| -----                       |        |       |          |          |         |         |

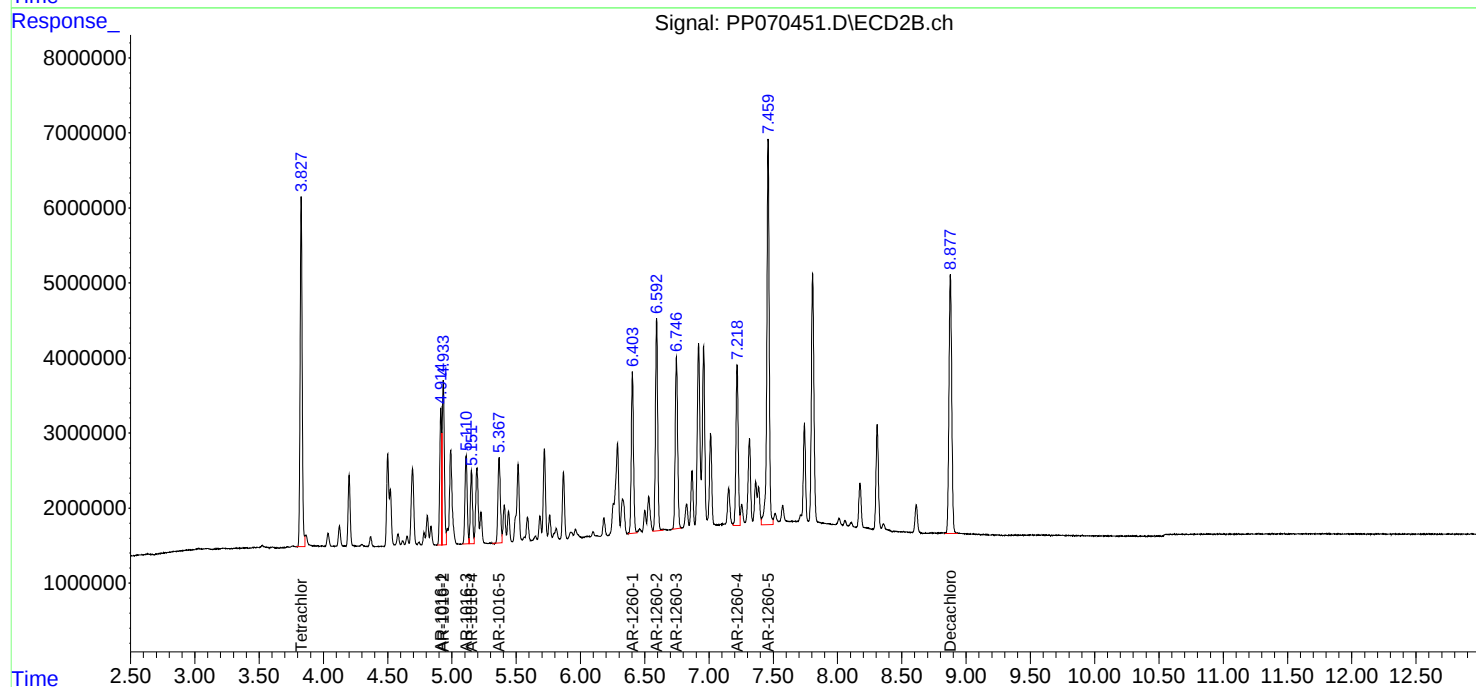
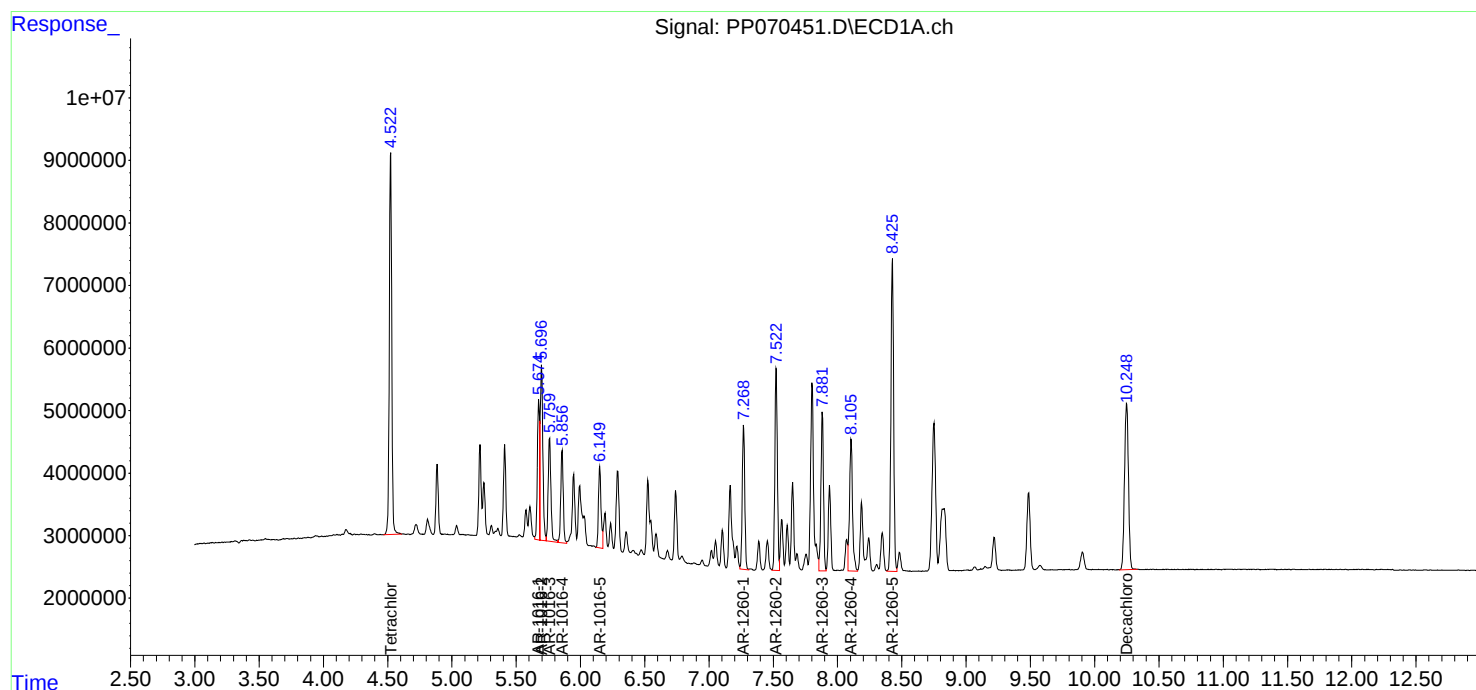
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070451.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 23:54  
Operator : YP\AJ  
Sample : PP031125ICV500  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP031125

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 12 01:13:46 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 12 00:06:24 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\_P\Data\PP031125\  
 Data File : PP070452.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Mar 2025 00:10  
 Operator : YP\AJ  
 Sample : AR1232ICV500  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 ICVPP031125AR1232

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 19 05:20:22 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Mar 19 05:19:07 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...          | 4.525  | 3.828 | 82637423 | 51891496 | 51.851  | 48.744  |
| 2) SA Decachlor...          | 10.250 | 8.879 | 56319561 | 51738897 | 52.291  | 51.344  |
|                             |        |       |          |          |         |         |
| Target Compounds            |        |       |          |          |         |         |
| 11) L3 AR-1232-1            | 4.887  | 4.202 | 17817484 | 13234008 | 501.090 | 503.008 |
| 12) L3 AR-1232-2            | 5.412  | 4.934 | 9000524  | 12831570 | 533.581 | 497.115 |
| 13) L3 AR-1232-3            | 5.698  | 5.112 | 19000238 | 6787601  | 519.562 | 484.519 |
| 14) L3 AR-1232-4            | 5.858  | 5.196 | 9460626  | 5871572  | 498.077 | 501.319 |
| 15) L3 AR-1232-5            | 5.948  | 5.368 | 6697975  | 6583987  | 516.729 | 503.825 |
| -----                       |        |       |          |          |         |         |

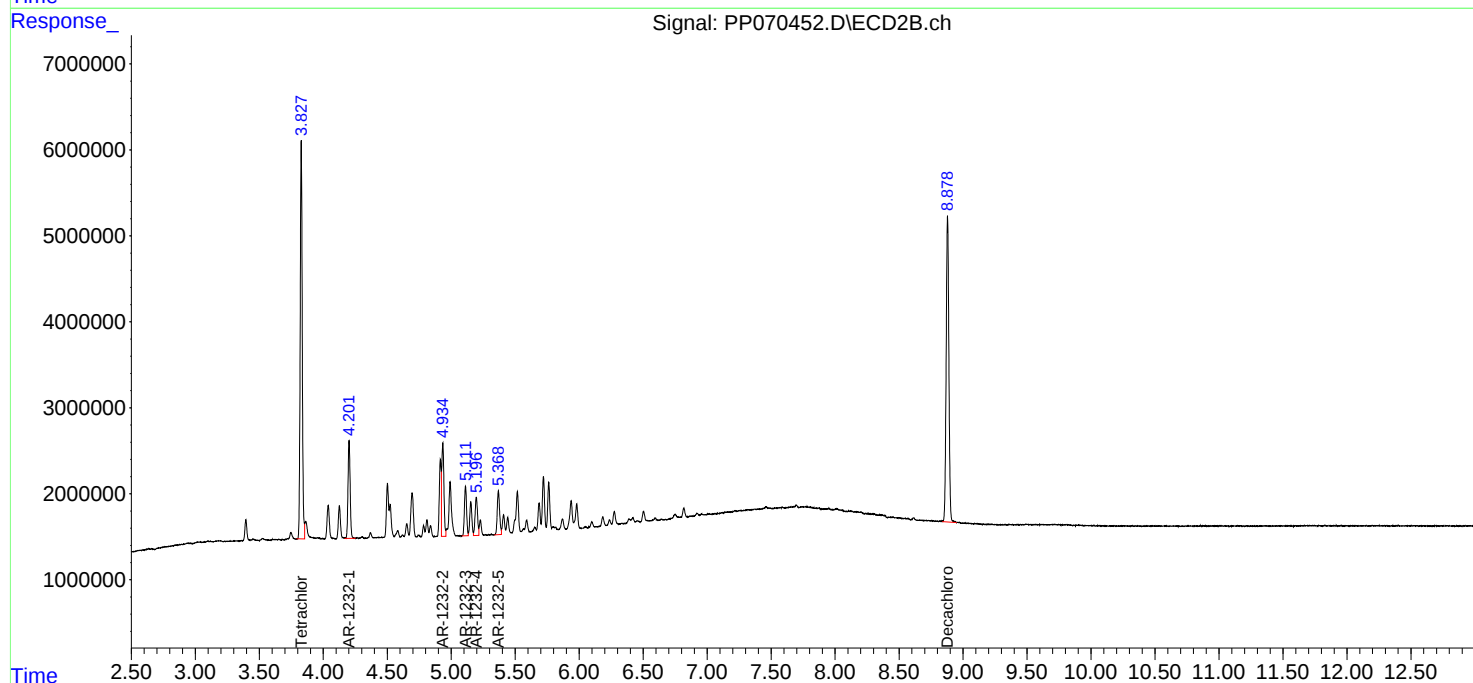
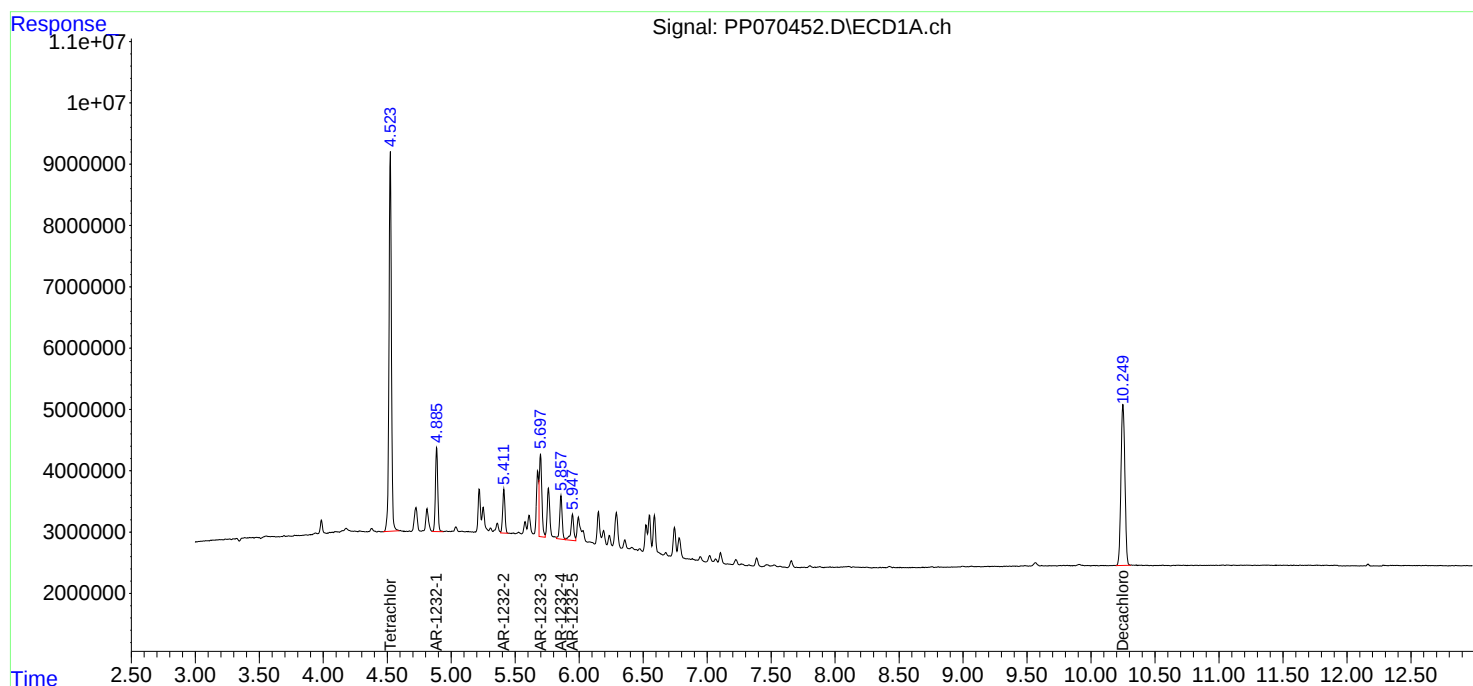
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070452.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Mar 2025 00:10  
Operator : YP\AJ  
Sample : AR1232ICV500  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP031125AR1232

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 19 05:20:22 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 19 05:19:07 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\PP031125\  
 Data File : PP070453.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Mar 2025 00:27  
 Operator : YP\AJ  
 Sample : AR1242ICV500  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 ICVPP031125AR1242

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 12 02:29:58 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Mar 12 02:28:34 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...          | 4.522  | 3.828 | 80900104 | 52039514 | 51.573  | 51.996  |
| 2) SA Decachlor...          | 10.247 | 8.877 | 56432259 | 50213028 | 52.789  | 48.963  |
|                             |        |       |          |          |         |         |
| Target Compounds            |        |       |          |          |         |         |
| 16) L4 AR-1242-1            | 5.673  | 4.914 | 21829875 | 15588752 | 491.127 | 509.246 |
| 17) L4 AR-1242-2            | 5.695  | 4.933 | 32588571 | 21901951 | 530.924 | 502.366 |
| 18) L4 AR-1242-3            | 5.758  | 5.111 | 19614357 | 12116039 | 528.672 | 508.387 |
| 19) L4 AR-1242-4            | 5.855  | 5.195 | 16599935 | 11430650 | 516.600 | 518.573 |
| 20) L4 AR-1242-5            | 6.586  | 5.720 | 17030676 | 14600485 | 548.536 | 522.919 |
| -----                       |        |       |          |          |         |         |

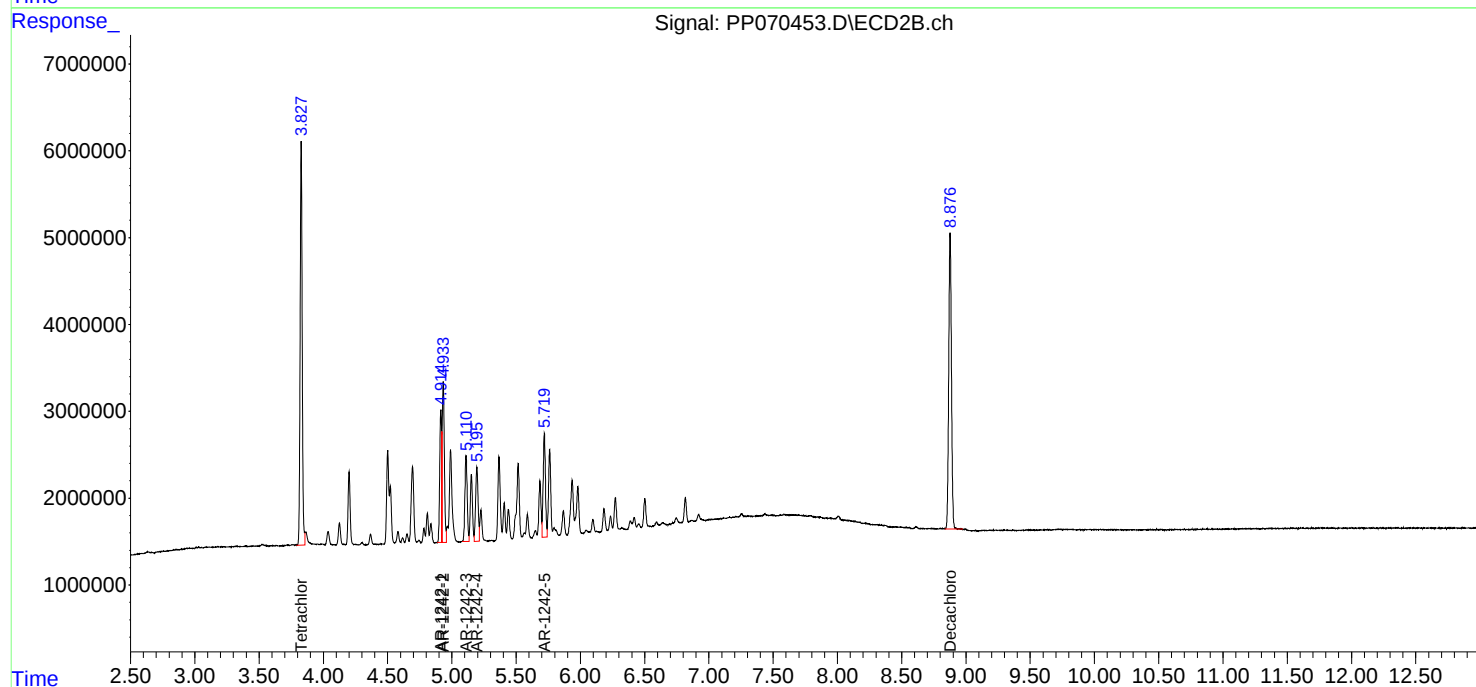
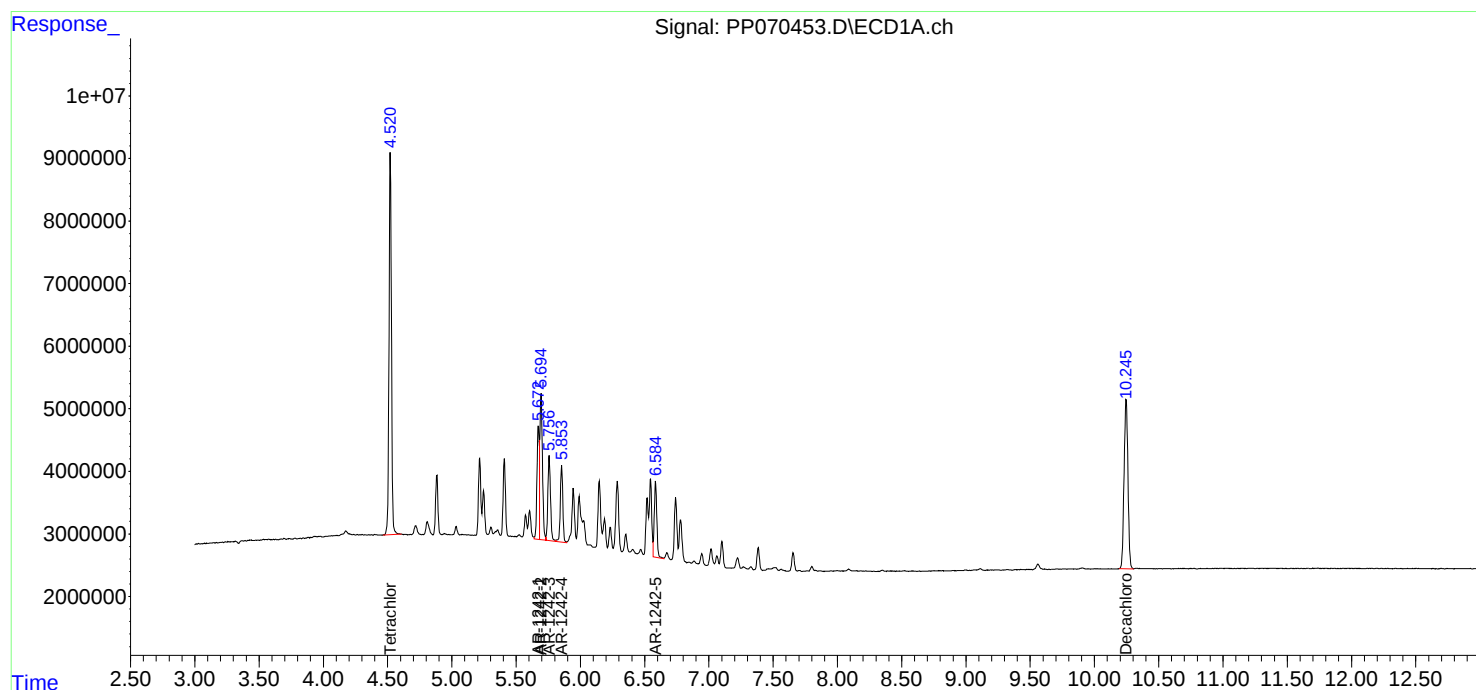
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070453.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Mar 2025 00:27  
Operator : YP\AJ  
Sample : AR1242ICV500  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP031125AR1242

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 12 02:29:58 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 12 02:28:34 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\PP031125\  
 Data File : PP070454.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Mar 2025 00:43  
 Operator : YP\AJ  
 Sample : AR1248ICV500  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 ICVPP031125AR1248

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 12 01:44:54 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Mar 12 01:39:22 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...          | 4.523  | 3.827 | 80763365 | 51993820 | 51.381  | 50.996  |
| 2) SA Decachlor...          | 10.249 | 8.879 | 57381734 | 53329390 | 53.107  | 53.338  |
| Target Compounds            |        |       |          |          |         |         |
| 21) L5 AR-1248-1            | 5.675  | 4.915 | 17366035 | 11930350 | 508.434 | 508.204 |
| 22) L5 AR-1248-2            | 5.948  | 5.152 | 22908060 | 15777449 | 539.683 | 504.016 |
| 23) L5 AR-1248-3            | 6.150  | 5.195 | 24248973 | 16449582 | 525.454 | 518.561 |
| 24) L5 AR-1248-4            | 6.549  | 5.368 | 29245571 | 19332171 | 504.310 | 496.038 |
| 25) L5 AR-1248-5            | 6.588  | 5.762 | 27662486 | 19099791 | 515.251 | 501.482 |
| -----                       |        |       |          |          |         |         |

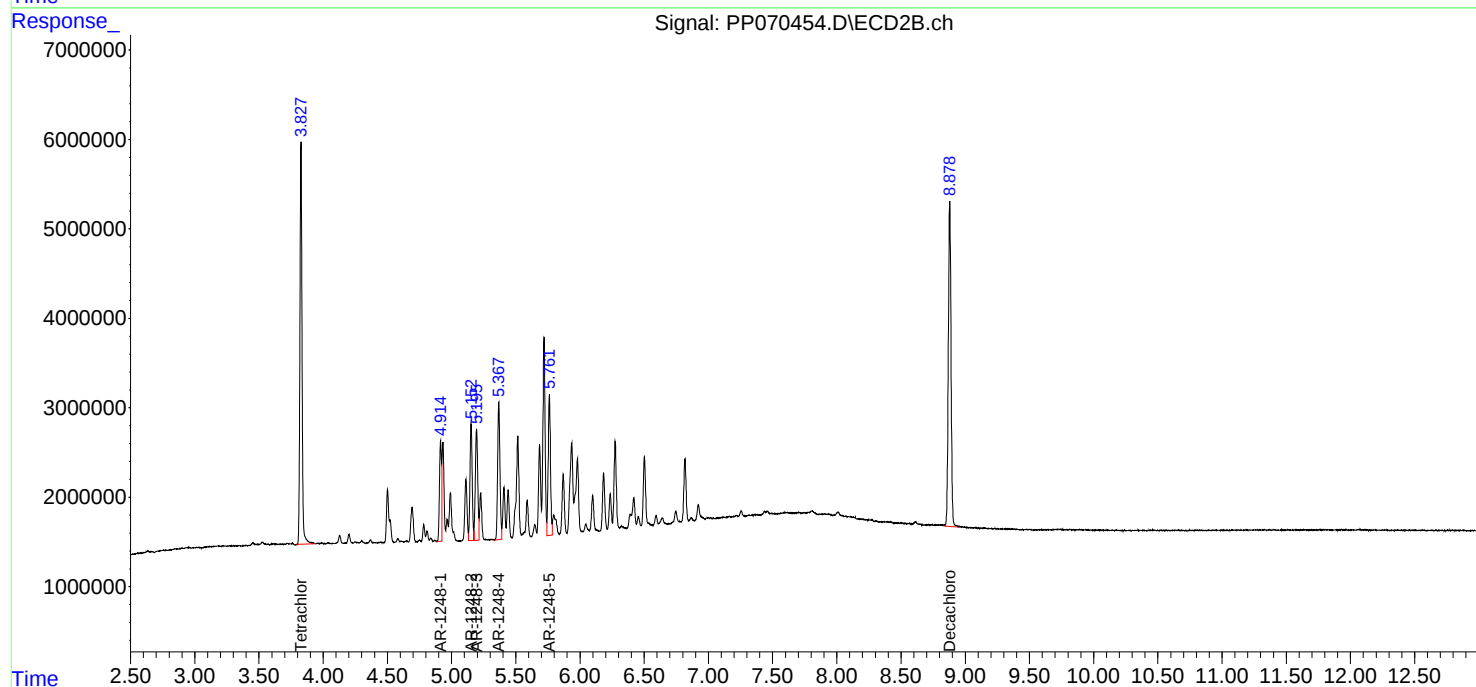
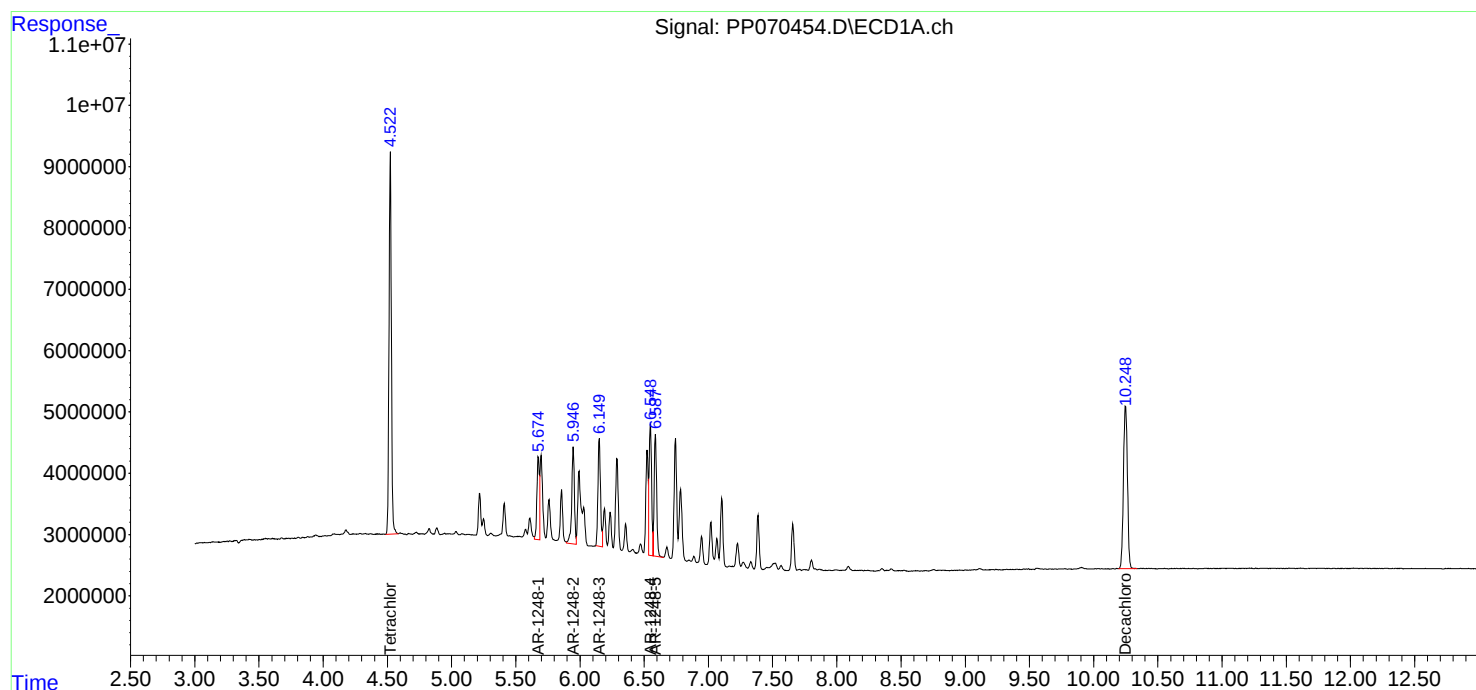
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070454.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Mar 2025 00:43  
Operator : YP\AJ  
Sample : AR1248ICV500  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP031125AR1248

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 12 01:44:54 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 12 01:39:22 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\PP031125\  
 Data File : PP070455.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Mar 2025 00:59  
 Operator : YP\AJ  
 Sample : AR1254ICV500  
 Misc :  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 ICVPP031125AR1254

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 12 01:56:03 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Mar 12 01:49:19 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...          | 4.525  | 3.827 | 82035673 | 53945391 | 51.568  | 53.445  |
| 2) SA Decachlor...          | 10.250 | 8.878 | 58425643 | 54856879 | 52.829  | 51.364  |
|                             |        |       |          |          |         |         |
| Target Compounds            |        |       |          |          |         |         |
| 26) L6 AR-1254-1            | 6.527  | 5.721 | 29456235 | 28994348 | 514.431 | 514.789 |
| 27) L6 AR-1254-2            | 6.743  | 5.869 | 42978463 | 24997724 | 530.257 | 511.133 |
| 28) L6 AR-1254-3            | 7.106  | 6.274 | 43763209 | 38958184 | 519.927 | 516.564 |
| 29) L6 AR-1254-4            | 7.389  | 6.502 | 36692419 | 27576382 | 523.152 | 522.756 |
| 30) L6 AR-1254-5            | 7.805  | 6.921 | 36360967 | 35678139 | 520.504 | 516.666 |
| -----                       |        |       |          |          |         |         |

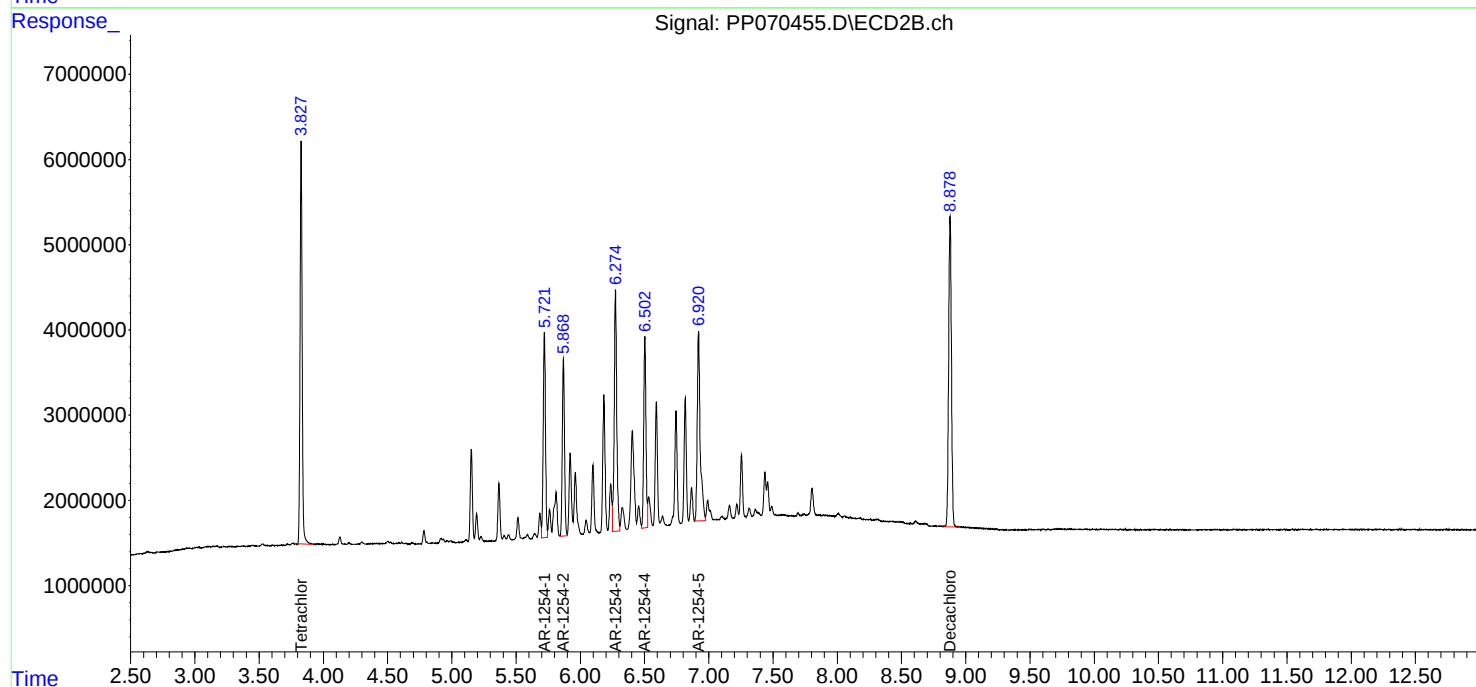
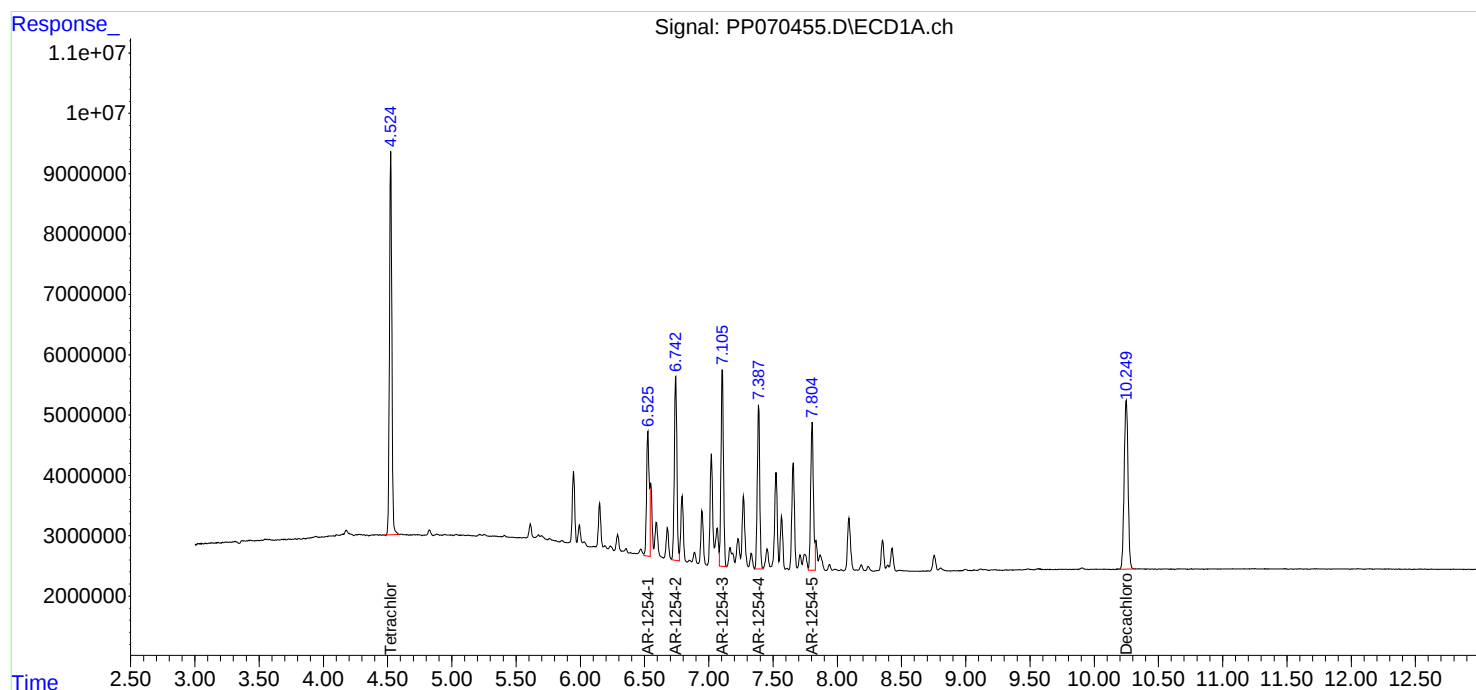
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070455.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Mar 2025 00:59  
Operator : YP\AJ  
Sample : AR1254ICV500  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP031125AR1254

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 12 01:56:03 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 12 01:49:19 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\PP031125\  
 Data File : PP070456.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Mar 2025 01:16  
 Operator : YP\AJ  
 Sample : AR1268ICV500  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 ICVPP031125AR1268

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 12 01:57:44 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Mar 12 01:57:27 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...          | 4.525  | 3.826 | 82956019 | 55353504 | 50.459  | 50.190  |
| 2) SA Decachlor...          | 10.250 | 8.877 | 97699870 | 88842686 | 50.660  | 50.991  |
|                             |        |       |          |          |         |         |
| Target Compounds            |        |       |          |          |         |         |
| 41) L9 AR-1268-1            | 8.742  | 7.742 | 101.7E6  | 89726484 | 504.572 | 501.133 |
| 42) L9 AR-1268-2            | 8.836  | 7.807 | 87505543 | 76005918 | 505.203 | 507.239 |
| 43) L9 AR-1268-3            | 9.069  | 8.013 | 75570485 | 65882951 | 504.356 | 508.496 |
| 44) L9 AR-1268-4            | 9.489  | 8.308 | 33480982 | 28268151 | 505.930 | 497.593 |
| 45) L9 AR-1268-5            | 9.907  | 8.612 | 213.6E6  | 191.8E6  | 504.629 | 506.856 |
| -----                       |        |       |          |          |         |         |

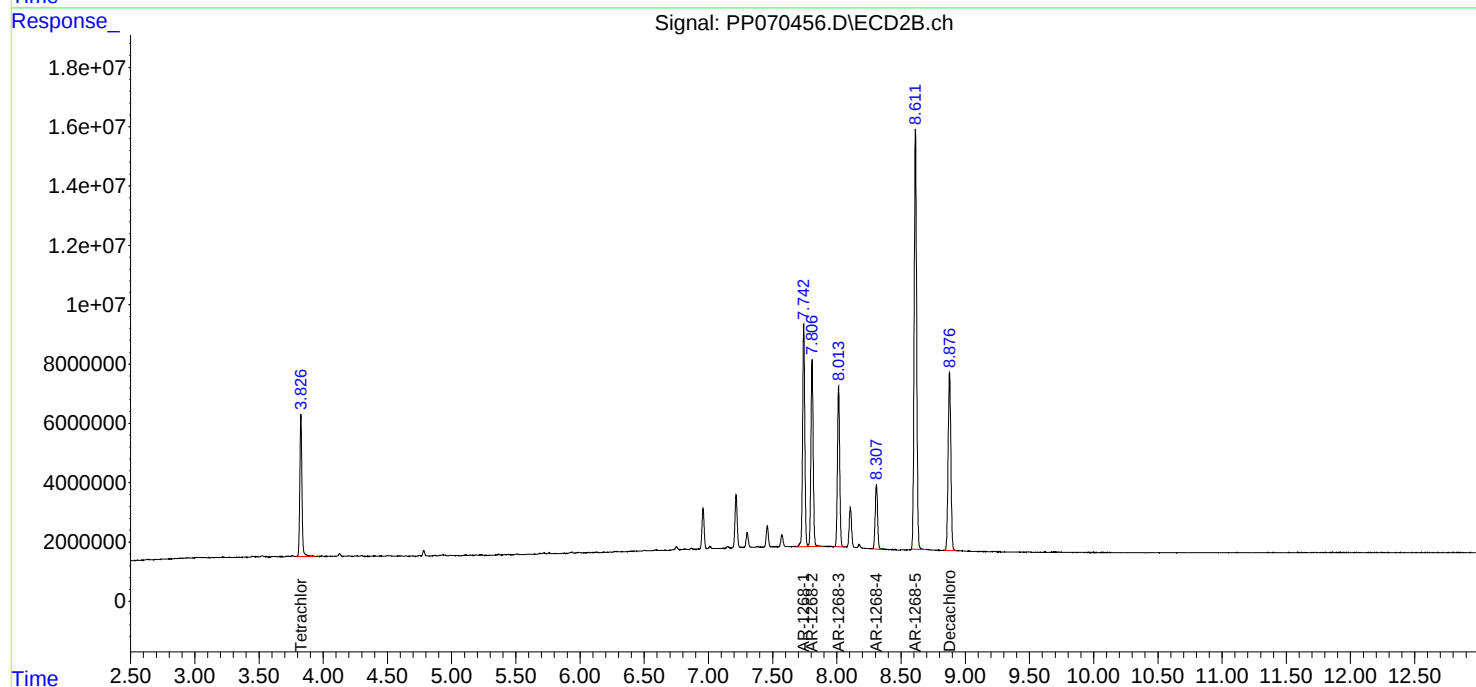
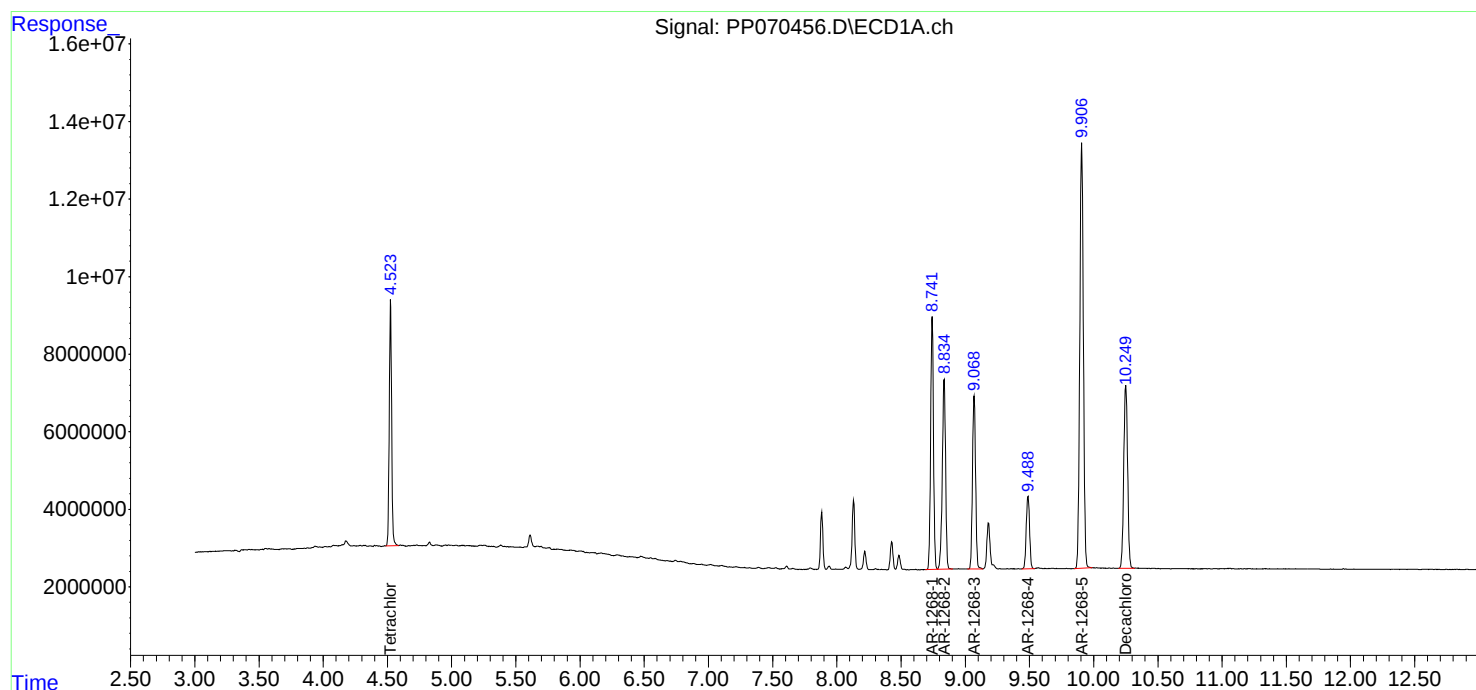
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070456.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Mar 2025 01:16  
Operator : YP\AJ  
Sample : AR1268ICV500  
Misc :  
ALS Vial : 40 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP031125AR1268

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 12 01:57:44 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 12 01:57:27 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





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

### CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: Q1626 SAS No.: Q1626 SDG NO.: Q1626

Continuing Calib Date: 03/24/2025 Initial Calibration Date(s): 03/11/2025 03/11/2025

Continuing Calib Time: 09:06 Initial Calibration Time(s): 15:13 23:38

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       | 5.68      | 5.58      | 5.78  | 0.01       |
| Aroclor-1016-2       | (2) | 5.69       | 5.70      | 5.60      | 5.80  | 0.01       |
| Aroclor-1016-3       | (3) | 5.76       | 5.76      | 5.66      | 5.86  | 0.00       |
| Aroclor-1016-4       | (4) | 5.85       | 5.86      | 5.76      | 5.96  | 0.01       |
| Aroclor-1016-5       | (5) | 6.15       | 6.15      | 6.05      | 6.25  | 0.00       |
| Aroclor-1260-1       | (1) | 7.26       | 7.27      | 7.17      | 7.37  | 0.01       |
| Aroclor-1260-2       | (2) | 7.52       | 7.53      | 7.43      | 7.63  | 0.01       |
| Aroclor-1260-3       | (3) | 7.88       | 7.88      | 7.78      | 7.98  | 0.00       |
| Aroclor-1260-4       | (4) | 8.10       | 8.11      | 8.01      | 8.21  | 0.01       |
| Aroclor-1260-5       | (5) | 8.42       | 8.43      | 8.33      | 8.53  | 0.01       |
| Tetrachloro-m-xylene |     | 4.52       | 4.52      | 4.42      | 4.62  | 0.00       |
| Decachlorobiphenyl   |     | 10.24      | 10.25     | 10.15     | 10.35 | 0.01       |



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Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: Q1626 SAS No.: Q1626 SDG NO.: Q1626

Continuing Calib Date: 03/24/2025 Initial Calibration Date(s): 03/11/2025 03/11/2025

Continuing Calib Time: 09:06 Initial Calibration Time(s): 15:13 23:38

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) | 4.91       | 4.92      | 4.82      | 5.02 | 0.01       |
| Aroclor-1016-2       | (2) | 4.93       | 4.94      | 4.84      | 5.04 | 0.01       |
| Aroclor-1016-3       | (3) | 5.10       | 5.11      | 5.01      | 5.21 | 0.01       |
| Aroclor-1016-4       | (4) | 5.14       | 5.15      | 5.05      | 5.25 | 0.01       |
| Aroclor-1016-5       | (5) | 5.36       | 5.37      | 5.27      | 5.47 | 0.01       |
| Aroclor-1260-1       | (1) | 6.40       | 6.41      | 6.31      | 6.51 | 0.02       |
| Aroclor-1260-2       | (2) | 6.58       | 6.60      | 6.50      | 6.70 | 0.02       |
| Aroclor-1260-3       | (3) | 6.74       | 6.75      | 6.65      | 6.85 | 0.01       |
| Aroclor-1260-4       | (4) | 7.21       | 7.22      | 7.12      | 7.32 | 0.01       |
| Aroclor-1260-5       | (5) | 7.45       | 7.46      | 7.36      | 7.56 | 0.01       |
| Tetrachloro-m-xylene |     | 3.82       | 3.83      | 3.73      | 3.93 | 0.01       |
| Decachlorobiphenyl   |     | 8.86       | 8.88      | 8.78      | 8.98 | 0.02       |



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### CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: Q1626 SAS No.: Q1626 SDG NO.: Q1626

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 03/11/2025 03/11/2025

Client Sample No.: CCAL01 Date Analyzed: 03/24/2025

Lab Sample No.: AR1660CCC500 Data File : PP070824.D Time Analyzed: 09:06

| COMPOUND             | RT     | RT WINDOW<br>FROM TO |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|--------|----------------------|--------|--------------------|-------------------|-------|
| Aroclor-1016-1       | 5.671  | 5.577                | 5.777  | 438.360            | 500.000           | -12.3 |
| Aroclor-1016-2       | 5.693  | 5.599                | 5.799  | 487.160            | 500.000           | -2.6  |
| Aroclor-1016-3       | 5.755  | 5.661                | 5.861  | 445.280            | 500.000           | -10.9 |
| Aroclor-1016-4       | 5.853  | 5.758                | 5.958  | 430.470            | 500.000           | -13.9 |
| Aroclor-1016-5       | 6.146  | 6.051                | 6.251  | 449.870            | 500.000           | -10.0 |
| Aroclor-1260-1       | 7.263  | 7.171                | 7.371  | 509.800            | 500.000           | 2.0   |
| Aroclor-1260-2       | 7.517  | 7.425                | 7.625  | 541.690            | 500.000           | 8.3   |
| Aroclor-1260-3       | 7.875  | 7.783                | 7.983  | 537.580            | 500.000           | 7.5   |
| Aroclor-1260-4       | 8.100  | 8.008                | 8.208  | 581.670            | 500.000           | 16.3  |
| Aroclor-1260-5       | 8.421  | 8.328                | 8.528  | 508.500            | 500.000           | 1.7   |
| Decachlorobiphenyl   | 10.239 | 10.152               | 10.352 | 48.460             | 50.000            | -3.1  |
| Tetrachloro-m-xylene | 4.519  | 4.424                | 4.624  | 48.130             | 50.000            | -3.7  |



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### CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: Q1626 SAS No.: Q1626 SDG NO.: Q1626

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 03/11/2025 03/11/2025

Client Sample No.: CCAL01 Date Analyzed: 03/24/2025

Lab Sample No.: AR1660CCC500 Data File : PP070824.D Time Analyzed: 09:06

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| Aroclor-1016-1       | 4.906 | 4.817     | 5.017 | 512.260            | 500.000           | 2.5   |
| Aroclor-1016-2       | 4.926 | 4.836     | 5.036 | 494.660            | 500.000           | -1.1  |
| Aroclor-1016-3       | 5.103 | 5.013     | 5.213 | 496.150            | 500.000           | -0.8  |
| Aroclor-1016-4       | 5.144 | 5.054     | 5.254 | 505.180            | 500.000           | 1.0   |
| Aroclor-1016-5       | 5.359 | 5.270     | 5.470 | 508.200            | 500.000           | 1.6   |
| Aroclor-1260-1       | 6.395 | 6.307     | 6.507 | 475.200            | 500.000           | -5.0  |
| Aroclor-1260-2       | 6.583 | 6.495     | 6.695 | 462.260            | 500.000           | -7.5  |
| Aroclor-1260-3       | 6.737 | 6.649     | 6.849 | 452.510            | 500.000           | -9.5  |
| Aroclor-1260-4       | 7.208 | 7.121     | 7.321 | 438.910            | 500.000           | -12.2 |
| Aroclor-1260-5       | 7.450 | 7.362     | 7.562 | 432.640            | 500.000           | -13.5 |
| Decachlorobiphenyl   | 8.864 | 8.781     | 8.981 | 40.150             | 50.000            | -19.7 |
| Tetrachloro-m-xylene | 3.821 | 3.729     | 3.929 | 49.440             | 50.000            | -1.1  |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP032425\  
 Data File : PP070824.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Mar 2025 09:06  
 Operator : YP\AJ  
 Sample : AR1660CCC500  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1660CCC500

Manual Integrations  
 APPROVED

Reviewed By :Yogesh  
 Patel  
 03/25/2025

Supervised By :mohammad  
 ahmed  
 03/26/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 24 12:41:00 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Mar 19 05:25:31 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...          | 4.519  | 3.821 | 74853666 | 49551944 | 48.126   | 49.439   |
| 2) SA Decachlor...          | 10.239 | 8.864 | 51477927 | 39279820 | 48.457   | 40.149   |
| Target Compounds            |        |       |          |          |          |          |
| 3) L1 AR-1016-1             | 5.671  | 4.906 | 22729376 | 18417212 | 438.358  | 512.265m |
| 4) L1 AR-1016-2             | 5.693  | 4.926 | 34853588 | 25705918 | 487.157  | 494.662  |
| 5) L1 AR-1016-3             | 5.755  | 5.103 | 20277129 | 14117283 | 445.280  | 496.155  |
| 6) L1 AR-1016-4             | 5.853  | 5.144 | 16804631 | 11311027 | 430.471  | 505.184  |
| 7) L1 AR-1016-5             | 6.146  | 5.359 | 15575564 | 15103165 | 449.875  | 508.201  |
| 31) L7 AR-1260-1            | 7.263  | 6.395 | 29945015 | 23657365 | 509.805m | 475.197  |
| 32) L7 AR-1260-2            | 7.517  | 6.583 | 44441794 | 30549686 | 541.689m | 462.261  |
| 33) L7 AR-1260-3            | 7.875  | 6.737 | 35349828 | 25882188 | 537.577m | 452.507  |
| 34) L7 AR-1260-4            | 8.100  | 7.208 | 38008064 | 22456059 | 581.672  | 438.908  |
| 35) L7 AR-1260-5            | 8.421  | 7.450 | 69500988 | 55717679 | 508.503  | 432.640  |
| -----                       |        |       |          |          |          |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP032425\  
Data File : PP070824.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Mar 2025 09:06  
Operator : YP\AJ  
Sample : AR1660CCC500  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500

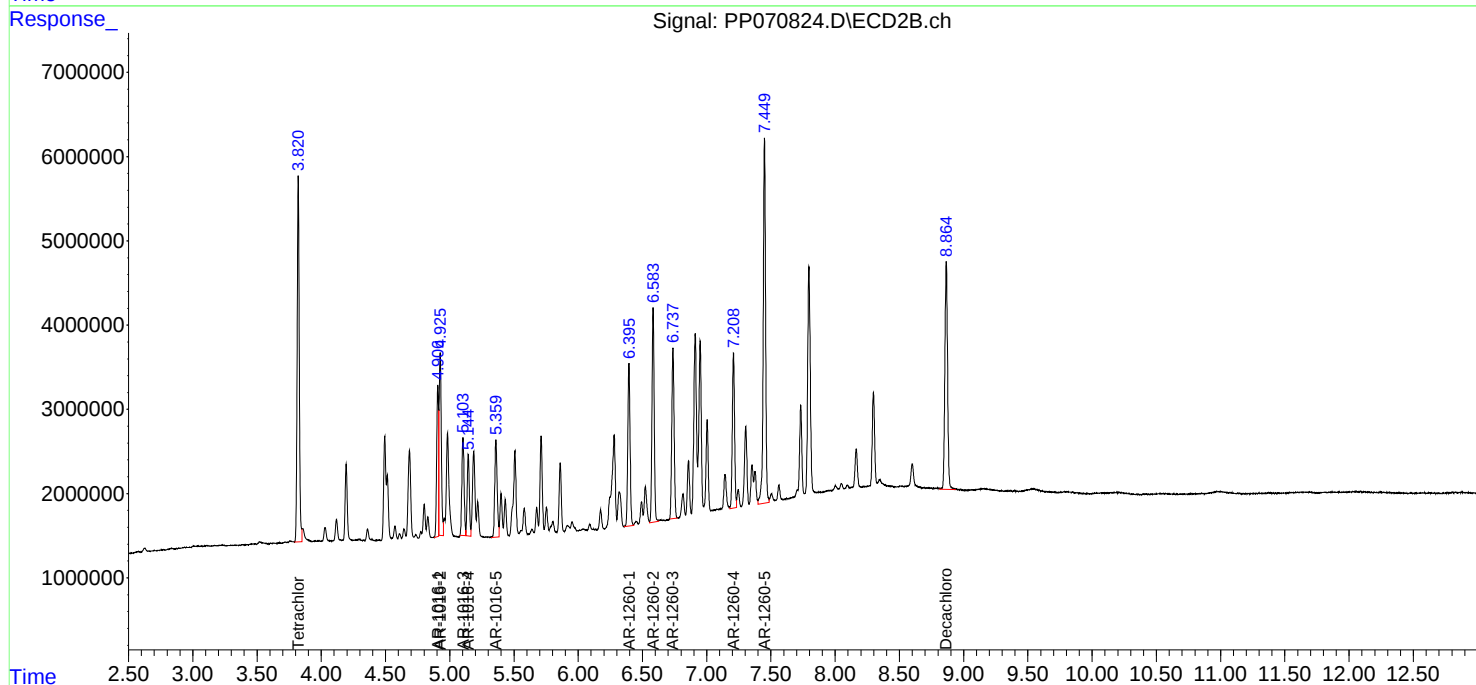
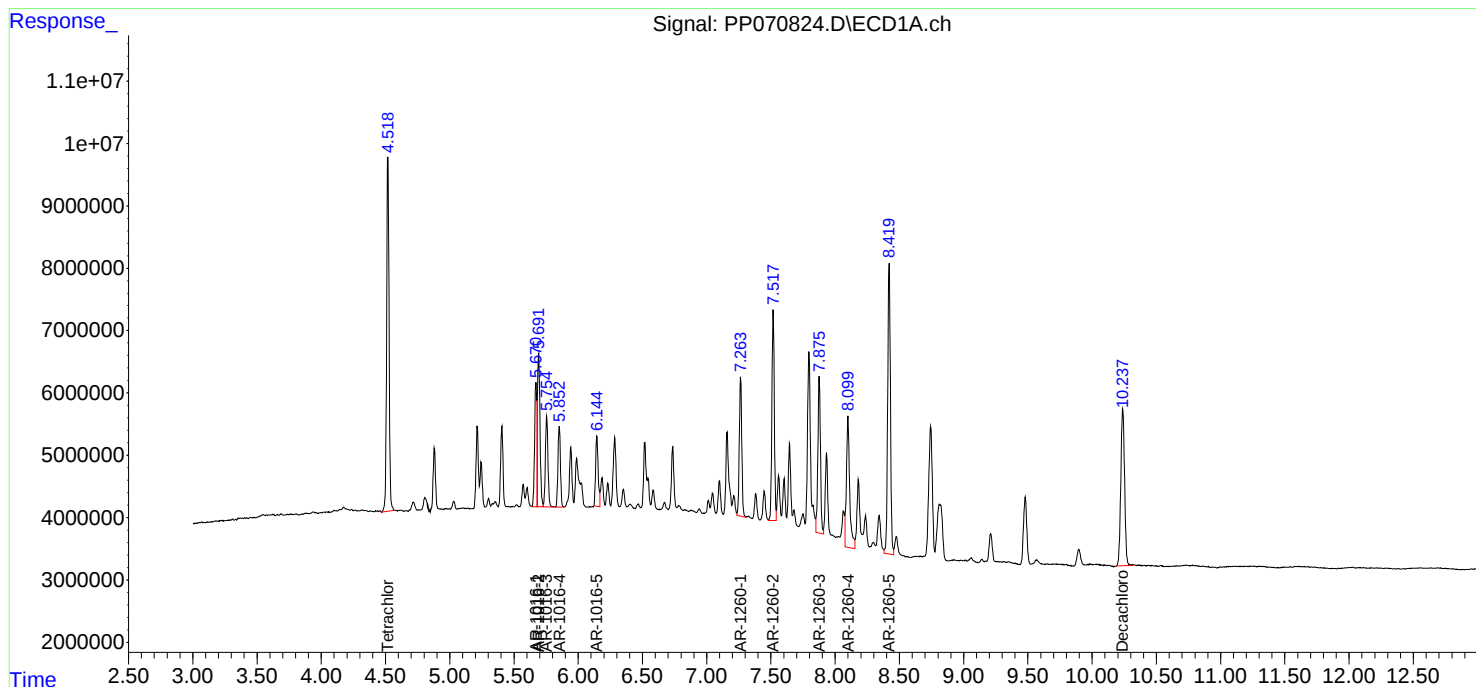
Manual Integrations  
APPROVED

Reviewed By :Yogesh  
Patel  
03/25/2025

Supervised By :mohammad  
ahmed  
03/26/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 24 12:41:00 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 19 05:25:31 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





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Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: Q1626 SAS No.: Q1626 SDG NO.: Q1626

Continuing Calib Date: 03/24/2025 Initial Calibration Date(s): 03/11/2025 03/11/2025

Continuing Calib Time: 16:42 Initial Calibration Time(s): 15:13 23:38

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       | 5.68      | 5.58      | 5.78  | 0.01       |
| Aroclor-1016-2       | (2) | 5.70       | 5.70      | 5.60      | 5.80  | 0.00       |
| Aroclor-1016-3       | (3) | 5.76       | 5.76      | 5.66      | 5.86  | 0.00       |
| Aroclor-1016-4       | (4) | 5.86       | 5.86      | 5.76      | 5.96  | 0.00       |
| Aroclor-1016-5       | (5) | 6.15       | 6.15      | 6.05      | 6.25  | 0.00       |
| Aroclor-1260-1       | (1) | 7.27       | 7.27      | 7.17      | 7.37  | 0.00       |
| Aroclor-1260-2       | (2) | 7.52       | 7.53      | 7.43      | 7.63  | 0.01       |
| Aroclor-1260-3       | (3) | 7.88       | 7.88      | 7.78      | 7.98  | 0.00       |
| Aroclor-1260-4       | (4) | 8.10       | 8.11      | 8.01      | 8.21  | 0.01       |
| Aroclor-1260-5       | (5) | 8.42       | 8.43      | 8.33      | 8.53  | 0.01       |
| Tetrachloro-m-xylene |     | 4.52       | 4.52      | 4.42      | 4.62  | 0.00       |
| Decachlorobiphenyl   |     | 10.24      | 10.25     | 10.15     | 10.35 | 0.01       |



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### CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: Q1626 SAS No.: Q1626 SDG NO.: Q1626

Continuing Calib Date: 03/24/2025 Initial Calibration Date(s): 03/11/2025 03/11/2025

Continuing Calib Time: 16:42 Initial Calibration Time(s): 15:13 23:38

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) | 4.91       | 4.92      | 4.82      | 5.02 | 0.01       |
| Aroclor-1016-2       | (2) | 4.93       | 4.94      | 4.84      | 5.04 | 0.01       |
| Aroclor-1016-3       | (3) | 5.11       | 5.11      | 5.01      | 5.21 | 0.00       |
| Aroclor-1016-4       | (4) | 5.15       | 5.15      | 5.05      | 5.25 | 0.00       |
| Aroclor-1016-5       | (5) | 5.36       | 5.37      | 5.27      | 5.47 | 0.01       |
| Aroclor-1260-1       | (1) | 6.40       | 6.41      | 6.31      | 6.51 | 0.01       |
| Aroclor-1260-2       | (2) | 6.59       | 6.60      | 6.50      | 6.70 | 0.01       |
| Aroclor-1260-3       | (3) | 6.74       | 6.75      | 6.65      | 6.85 | 0.01       |
| Aroclor-1260-4       | (4) | 7.21       | 7.22      | 7.12      | 7.32 | 0.01       |
| Aroclor-1260-5       | (5) | 7.45       | 7.46      | 7.36      | 7.56 | 0.01       |
| Tetrachloro-m-xylene |     | 3.82       | 3.83      | 3.73      | 3.93 | 0.01       |
| Decachlorobiphenyl   |     | 8.87       | 8.88      | 8.78      | 8.98 | 0.01       |



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### CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: Q1626 SAS No.: Q1626 SDG NO.: Q1626

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 03/11/2025 03/11/2025

Client Sample No.: CCAL02 Date Analyzed: 03/24/2025

Lab Sample No.: AR1660CCC500 Data File : PP070835.D Time Analyzed: 16:42

| COMPOUND             | RT     | RT WINDOW |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|--------|-----------|--------|--------------------|-------------------|------|
|                      |        | FROM      | TO     |                    |                   |      |
| Aroclor-1016-1       | 5.674  | 5.577     | 5.777  | 467.990            | 500.000           | -6.4 |
| Aroclor-1016-2       | 5.695  | 5.599     | 5.799  | 502.150            | 500.000           | 0.4  |
| Aroclor-1016-3       | 5.758  | 5.661     | 5.861  | 470.440            | 500.000           | -5.9 |
| Aroclor-1016-4       | 5.855  | 5.758     | 5.958  | 460.220            | 500.000           | -8.0 |
| Aroclor-1016-5       | 6.148  | 6.051     | 6.251  | 479.940            | 500.000           | -4.0 |
| Aroclor-1260-1       | 7.266  | 7.171     | 7.371  | 557.240            | 500.000           | 11.4 |
| Aroclor-1260-2       | 7.519  | 7.425     | 7.625  | 571.940            | 500.000           | 14.4 |
| Aroclor-1260-3       | 7.877  | 7.783     | 7.983  | 575.750            | 500.000           | 15.2 |
| Aroclor-1260-4       | 8.102  | 8.008     | 8.208  | 529.750            | 500.000           | 6.0  |
| Aroclor-1260-5       | 8.423  | 8.328     | 8.528  | 526.440            | 500.000           | 5.3  |
| Decachlorobiphenyl   | 10.241 | 10.152    | 10.352 | 50.130             | 50.000            | 0.3  |
| Tetrachloro-m-xylene | 4.521  | 4.424     | 4.624  | 48.950             | 50.000            | -2.1 |



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### CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: Q1626 SAS No.: Q1626 SDG NO.: Q1626

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 03/11/2025 03/11/2025

Client Sample No.: CCAL02 Date Analyzed: 03/24/2025

Lab Sample No.: AR1660CCC500 Data File : PP070835.D Time Analyzed: 16:42

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| Aroclor-1016-1       | 4.909 | 4.817     | 5.017 | 528.990            | 500.000           | 5.8   |
| Aroclor-1016-2       | 4.928 | 4.836     | 5.036 | 511.530            | 500.000           | 2.3   |
| Aroclor-1016-3       | 5.105 | 5.013     | 5.213 | 524.760            | 500.000           | 5.0   |
| Aroclor-1016-4       | 5.146 | 5.054     | 5.254 | 535.160            | 500.000           | 7.0   |
| Aroclor-1016-5       | 5.362 | 5.270     | 5.470 | 521.860            | 500.000           | 4.4   |
| Aroclor-1260-1       | 6.398 | 6.307     | 6.507 | 496.050            | 500.000           | -0.8  |
| Aroclor-1260-2       | 6.586 | 6.495     | 6.695 | 478.800            | 500.000           | -4.2  |
| Aroclor-1260-3       | 6.739 | 6.649     | 6.849 | 481.170            | 500.000           | -3.8  |
| Aroclor-1260-4       | 7.211 | 7.121     | 7.321 | 459.930            | 500.000           | -8.0  |
| Aroclor-1260-5       | 7.453 | 7.362     | 7.562 | 458.220            | 500.000           | -8.4  |
| Decachlorobiphenyl   | 8.867 | 8.781     | 8.981 | 42.590             | 50.000            | -14.8 |
| Tetrachloro-m-xylene | 3.822 | 3.729     | 3.929 | 51.950             | 50.000            | 3.9   |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP032425\  
 Data File : PP070835.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Mar 2025 16:42  
 Operator : YP\AJ  
 Sample : AR1660CCC500  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1660CCC500

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 03/25/2025  
 Supervised By :mohammad ahmed 03/26/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 25 02:36:48 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Mar 19 05:25:31 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...          | 4.521  | 3.822 | 76132459 | 52071351 | 48.948   | 51.953  |
| 2) SA Decachlor...          | 10.241 | 8.867 | 53258632 | 41666206 | 50.133   | 42.588  |
| Target Compounds            |        |       |          |          |          |         |
| 3) L1 AR-1016-1             | 5.674  | 4.909 | 24265646 | 19018377 | 467.986  | 528.986 |
| 4) L1 AR-1016-2             | 5.695  | 4.928 | 35926179 | 26582315 | 502.149  | 511.526 |
| 5) L1 AR-1016-3             | 5.758  | 5.105 | 21422737 | 14931328 | 470.437  | 524.764 |
| 6) L1 AR-1016-4             | 5.855  | 5.146 | 17966021 | 11982162 | 460.221  | 535.159 |
| 7) L1 AR-1016-5             | 6.148  | 5.362 | 16616576 | 15509002 | 479.943  | 521.857 |
| 31) L7 AR-1260-1            | 7.266  | 6.398 | 32731395 | 24695743 | 557.242m | 496.054 |
| 32) L7 AR-1260-2            | 7.519  | 6.586 | 46923758 | 31642783 | 571.941m | 478.801 |
| 33) L7 AR-1260-3            | 7.877  | 6.739 | 37860169 | 27521592 | 575.753m | 481.169 |
| 34) L7 AR-1260-4            | 8.102  | 7.211 | 34615028 | 23531753 | 529.745m | 459.932 |
| 35) L7 AR-1260-5            | 8.423  | 7.453 | 71952038 | 59012323 | 526.436  | 458.223 |
| -----                       |        |       |          |          |          |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP032425\  
Data File : PP070835.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Mar 2025 16:42  
Operator : YP\AJ  
Sample : AR1660CCC500  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

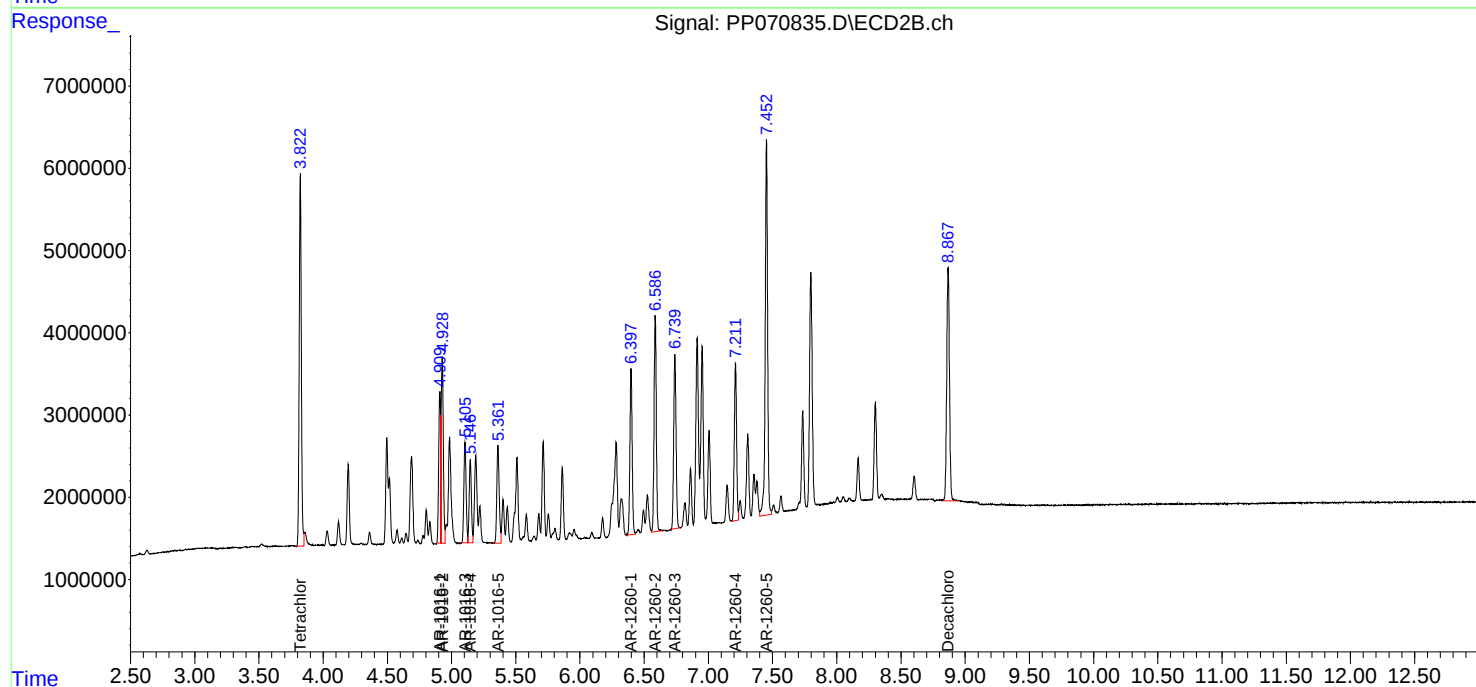
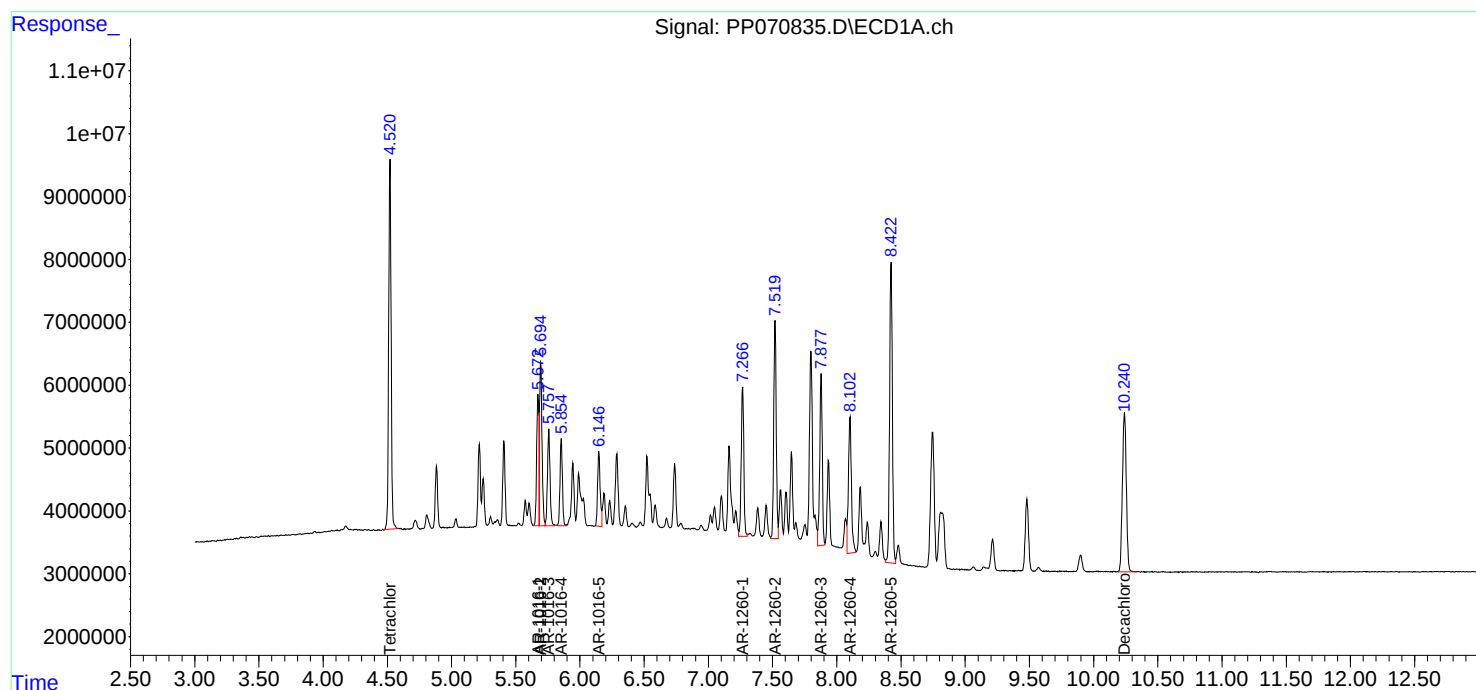
Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/25/2025  
Supervised By :mohammad ahmed 03/26/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 25 02:36:48 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 19 05:25:31 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





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### CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: Q1626 SAS No.: Q1626 SDG NO.: Q1626

Continuing Calib Date: 03/25/2025 Initial Calibration Date(s): 03/11/2025 03/11/2025

Continuing Calib Time: 08:27 Initial Calibration Time(s): 15:13 23:38

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       | 5.68      | 5.58                   | 5.78  | 0.01       |
| Aroclor-1016-2       | (2) | 5.69       | 5.70      | 5.60                   | 5.80  | 0.01       |
| Aroclor-1016-3       | (3) | 5.75       | 5.76      | 5.66                   | 5.86  | 0.01       |
| Aroclor-1016-4       | (4) | 5.85       | 5.86      | 5.76                   | 5.96  | 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       | 7.53      | 7.43                   | 7.63  | 0.02       |
| Aroclor-1260-3       | (3) | 7.87       | 7.88      | 7.78                   | 7.98  | 0.01       |
| Aroclor-1260-4       | (4) | 8.10       | 8.11      | 8.01                   | 8.21  | 0.01       |
| Aroclor-1260-5       | (5) | 8.42       | 8.43      | 8.33                   | 8.53  | 0.01       |
| Tetrachloro-m-xylene |     | 4.52       | 4.52      | 4.42                   | 4.62  | 0.00       |
| Decachlorobiphenyl   |     | 10.24      | 10.25     | 10.15                  | 10.35 | 0.01       |



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Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: Q1626 SAS No.: Q1626 SDG NO.: Q1626

Continuing Calib Date: 03/25/2025 Initial Calibration Date(s): 03/11/2025 03/11/2025

Continuing Calib Time: 08:27 Initial Calibration Time(s): 15:13 23:38

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) | 4.91       | 4.92      | 4.82      | 5.02 | 0.01       |
| Aroclor-1016-2       | (2) | 4.93       | 4.94      | 4.84      | 5.04 | 0.01       |
| Aroclor-1016-3       | (3) | 5.10       | 5.11      | 5.01      | 5.21 | 0.01       |
| Aroclor-1016-4       | (4) | 5.15       | 5.15      | 5.05      | 5.25 | 0.00       |
| Aroclor-1016-5       | (5) | 5.36       | 5.37      | 5.27      | 5.47 | 0.01       |
| Aroclor-1260-1       | (1) | 6.40       | 6.41      | 6.31      | 6.51 | 0.02       |
| Aroclor-1260-2       | (2) | 6.58       | 6.60      | 6.50      | 6.70 | 0.02       |
| Aroclor-1260-3       | (3) | 6.74       | 6.75      | 6.65      | 6.85 | 0.01       |
| Aroclor-1260-4       | (4) | 7.21       | 7.22      | 7.12      | 7.32 | 0.01       |
| Aroclor-1260-5       | (5) | 7.45       | 7.46      | 7.36      | 7.56 | 0.01       |
| Tetrachloro-m-xylene |     | 3.82       | 3.83      | 3.73      | 3.93 | 0.01       |
| Decachlorobiphenyl   |     | 8.87       | 8.88      | 8.78      | 8.98 | 0.02       |



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### CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: Q1626 SAS No.: Q1626 SDG NO.: Q1626

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 03/11/2025 03/11/2025

Client Sample No.: CCAL03 Date Analyzed: 03/25/2025

Lab Sample No.: AR1660CCC500 Data File : PP070841.D Time Analyzed: 08:27

| COMPOUND             | RT     | RT WINDOW |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|--------|-----------|--------|--------------------|-------------------|------|
|                      |        | FROM      | TO     |                    |                   |      |
| Aroclor-1016-1       | 5.668  | 5.577     | 5.777  | 467.810            | 500.000           | -6.4 |
| Aroclor-1016-2       | 5.690  | 5.599     | 5.799  | 526.410            | 500.000           | 5.3  |
| Aroclor-1016-3       | 5.752  | 5.661     | 5.861  | 494.770            | 500.000           | -1.0 |
| Aroclor-1016-4       | 5.850  | 5.758     | 5.958  | 479.520            | 500.000           | -4.1 |
| Aroclor-1016-5       | 6.142  | 6.051     | 6.251  | 495.330            | 500.000           | -0.9 |
| Aroclor-1260-1       | 7.261  | 7.171     | 7.371  | 554.060            | 500.000           | 10.8 |
| Aroclor-1260-2       | 7.513  | 7.425     | 7.625  | 579.910            | 500.000           | 16.0 |
| Aroclor-1260-3       | 7.872  | 7.783     | 7.983  | 561.500            | 500.000           | 12.3 |
| Aroclor-1260-4       | 8.097  | 8.008     | 8.208  | 551.000            | 500.000           | 10.2 |
| Aroclor-1260-5       | 8.418  | 8.328     | 8.528  | 573.180            | 500.000           | 14.6 |
| Decachlorobiphenyl   | 10.237 | 10.152    | 10.352 | 51.300             | 50.000            | 2.6  |
| Tetrachloro-m-xylene | 4.516  | 4.424     | 4.624  | 50.710             | 50.000            | 1.4  |



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### CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: Q1626 SAS No.: Q1626 SDG NO.: Q1626

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 03/11/2025 03/11/2025

Client Sample No.: CCAL03 Date Analyzed: 03/25/2025

Lab Sample No.: AR1660CCC500 Data File : PP070841.D Time Analyzed: 08:27

| COMPOUND             | RT    | RT WINDOW<br>FROM TO |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|----------------------|-------|--------------------|-------------------|-------|
| Aroclor-1016-1       | 4.907 | 4.817                | 5.017 | 523.020            | 500.000           | 4.6   |
| Aroclor-1016-2       | 4.926 | 4.836                | 5.036 | 532.400            | 500.000           | 6.5   |
| Aroclor-1016-3       | 5.103 | 5.013                | 5.213 | 541.040            | 500.000           | 8.2   |
| Aroclor-1016-4       | 5.146 | 5.054                | 5.254 | 476.330            | 500.000           | -4.7  |
| Aroclor-1016-5       | 5.359 | 5.270                | 5.470 | 562.570            | 500.000           | 12.5  |
| Aroclor-1260-1       | 6.395 | 6.307                | 6.507 | 522.520            | 500.000           | 4.5   |
| Aroclor-1260-2       | 6.583 | 6.495                | 6.695 | 506.540            | 500.000           | 1.3   |
| Aroclor-1260-3       | 6.737 | 6.649                | 6.849 | 492.950            | 500.000           | -1.4  |
| Aroclor-1260-4       | 7.209 | 7.121                | 7.321 | 466.890            | 500.000           | -6.6  |
| Aroclor-1260-5       | 7.450 | 7.362                | 7.562 | 457.580            | 500.000           | -8.5  |
| Decachlorobiphenyl   | 8.865 | 8.781                | 8.981 | 42.300             | 50.000            | -15.4 |
| Tetrachloro-m-xylene | 3.821 | 3.729                | 3.929 | 54.550             | 50.000            | 9.1   |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP032525\  
 Data File : PP070841.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Mar 2025 08:27  
 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: Mar 25 11:32:50 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Mar 19 05:25:31 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  | 3.821 | 78874538 | 54673362 | 50.711   | 54.549   |
| 2) SA Decachlor...          | 10.237 | 8.865 | 54496492 | 41388553 | 51.298   | 42.304   |
| Target Compounds            |        |       |          |          |          |          |
| 3) L1 AR-1016-1             | 5.668  | 4.907 | 24256374 | 18803805 | 467.807  | 523.018m |
| 4) L1 AR-1016-2             | 5.690  | 4.926 | 37661647 | 27667050 | 526.406  | 532.400  |
| 5) L1 AR-1016-3             | 5.752  | 5.103 | 22531024 | 15394439 | 494.775  | 541.040  |
| 6) L1 AR-1016-4             | 5.850  | 5.146 | 18719325 | 10665024 | 479.518  | 476.332  |
| 7) L1 AR-1016-5             | 6.142  | 5.359 | 17149324 | 16718976 | 495.330m | 562.571m |
| 31) L7 AR-1260-1            | 7.261  | 6.395 | 32544415 | 26013377 | 554.059m | 522.521m |
| 32) L7 AR-1260-2            | 7.513  | 6.583 | 47577340 | 33475804 | 579.907m | 506.538m |
| 33) L7 AR-1260-3            | 7.872  | 6.737 | 36922642 | 28195304 | 561.496m | 492.948  |
| 34) L7 AR-1260-4            | 8.097  | 7.209 | 36003834 | 23887899 | 551.000m | 466.893  |
| 35) L7 AR-1260-5            | 8.418  | 7.450 | 78340539 | 58929152 | 573.177  | 457.577  |
| -----                       |        |       |          |          |          |          |

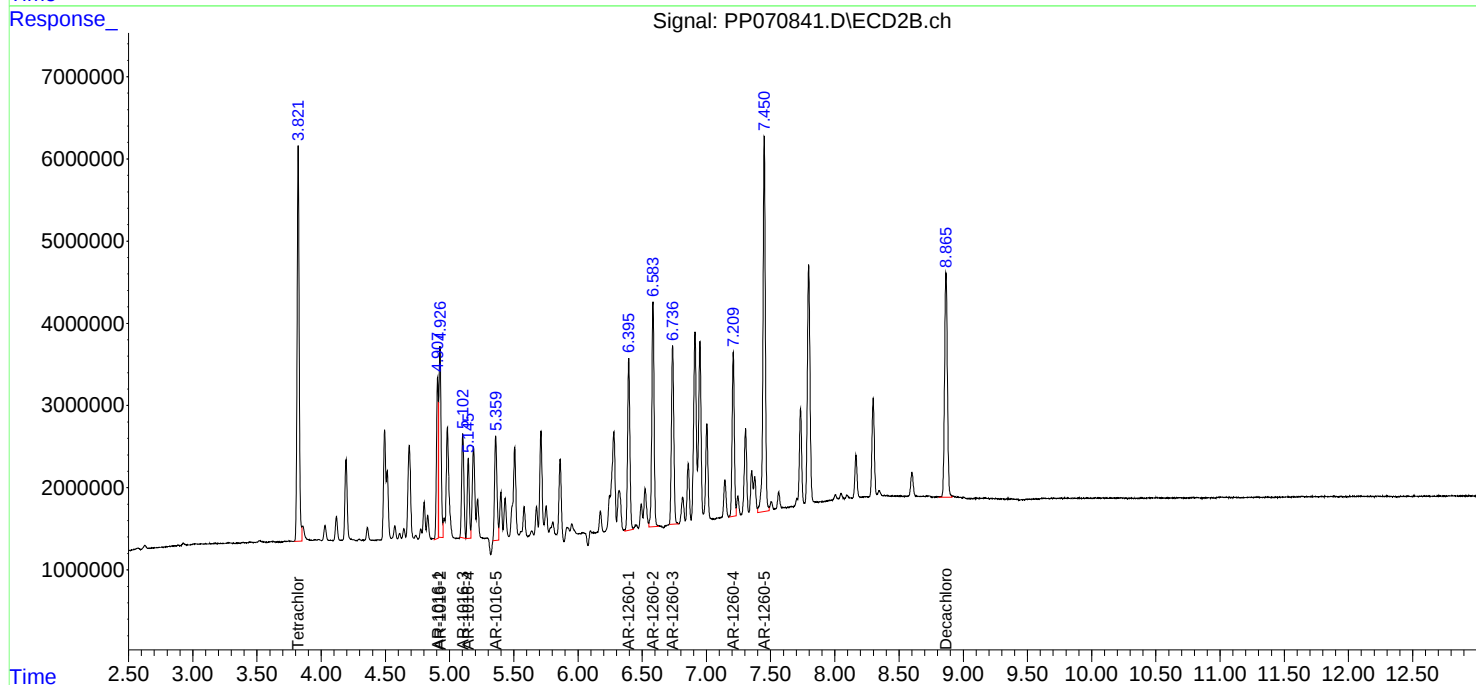
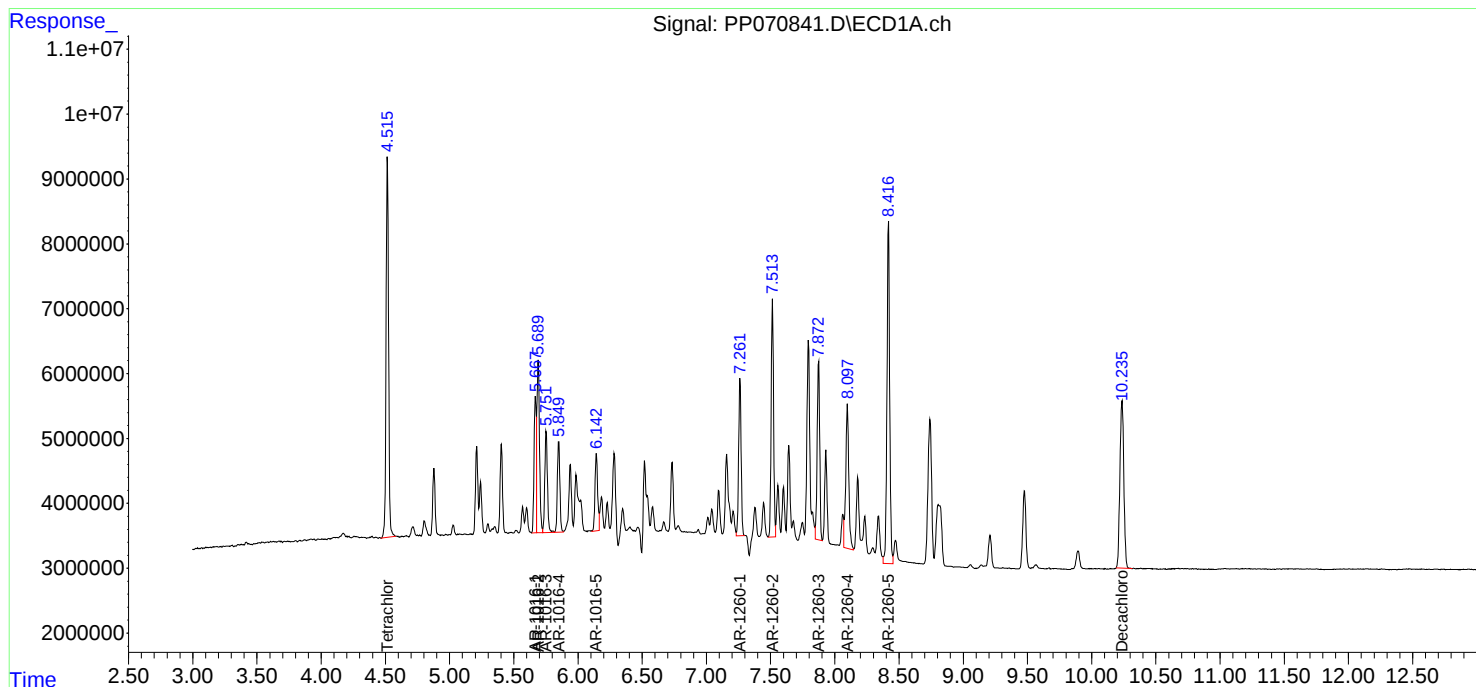
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP032525\  
Data File : PP070841.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Mar 2025 08:27  
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: Mar 25 11:32:50 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 19 05:25:31 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





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### CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: Q1626 SAS No.: Q1626 SDG NO.: Q1626

Continuing Calib Date: 03/25/2025 Initial Calibration Date(s): 03/11/2025 03/11/2025

Continuing Calib Time: 14:22 Initial Calibration Time(s): 15:13 23:38

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       | 5.68      | 5.58      | 5.78  | 0.01       |
| Aroclor-1016-2       | (2) | 5.69       | 5.70      | 5.60      | 5.80  | 0.01       |
| Aroclor-1016-3       | (3) | 5.76       | 5.76      | 5.66      | 5.86  | 0.00       |
| Aroclor-1016-4       | (4) | 5.85       | 5.86      | 5.76      | 5.96  | 0.01       |
| Aroclor-1016-5       | (5) | 6.15       | 6.15      | 6.05      | 6.25  | 0.00       |
| Aroclor-1260-1       | (1) | 7.26       | 7.27      | 7.17      | 7.37  | 0.01       |
| Aroclor-1260-2       | (2) | 7.52       | 7.53      | 7.43      | 7.63  | 0.01       |
| Aroclor-1260-3       | (3) | 7.88       | 7.88      | 7.78      | 7.98  | 0.00       |
| Aroclor-1260-4       | (4) | 8.10       | 8.11      | 8.01      | 8.21  | 0.01       |
| Aroclor-1260-5       | (5) | 8.42       | 8.43      | 8.33      | 8.53  | 0.01       |
| Tetrachloro-m-xylene |     | 4.52       | 4.52      | 4.42      | 4.62  | 0.00       |
| Decachlorobiphenyl   |     | 10.24      | 10.25     | 10.15     | 10.35 | 0.01       |



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### CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: Q1626 SAS No.: Q1626 SDG NO.: Q1626

Continuing Calib Date: 03/25/2025 Initial Calibration Date(s): 03/11/2025 03/11/2025

Continuing Calib Time: 14:22 Initial Calibration Time(s): 15:13 23:38

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) | 4.91       | 4.92      | 4.82      | 5.02 | 0.01       |
| Aroclor-1016-2       | (2) | 4.93       | 4.94      | 4.84      | 5.04 | 0.01       |
| Aroclor-1016-3       | (3) | 5.10       | 5.11      | 5.01      | 5.21 | 0.01       |
| Aroclor-1016-4       | (4) | 5.15       | 5.15      | 5.05      | 5.25 | 0.01       |
| Aroclor-1016-5       | (5) | 5.36       | 5.37      | 5.27      | 5.47 | 0.01       |
| Aroclor-1260-1       | (1) | 6.40       | 6.41      | 6.31      | 6.51 | 0.01       |
| Aroclor-1260-2       | (2) | 6.58       | 6.60      | 6.50      | 6.70 | 0.02       |
| Aroclor-1260-3       | (3) | 6.74       | 6.75      | 6.65      | 6.85 | 0.01       |
| Aroclor-1260-4       | (4) | 7.21       | 7.22      | 7.12      | 7.32 | 0.01       |
| Aroclor-1260-5       | (5) | 7.45       | 7.46      | 7.36      | 7.56 | 0.01       |
| Tetrachloro-m-xylene |     | 3.82       | 3.83      | 3.73      | 3.93 | 0.01       |
| Decachlorobiphenyl   |     | 8.87       | 8.88      | 8.78      | 8.98 | 0.02       |



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### CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: Q1626 SAS No.: Q1626 SDG NO.: Q1626

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 03/11/2025 03/11/2025

Client Sample No.: CCAL04 Date Analyzed: 03/25/2025

Lab Sample No.: AR1660CCC500 Data File : PP070854.D Time Analyzed: 14:22

| COMPOUND             | RT     | RT WINDOW<br>FROM TO |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|--------|----------------------|--------|--------------------|-------------------|-------|
| Aroclor-1016-1       | 5.672  | 5.577                | 5.777  | 451.340            | 500.000           | -9.7  |
| Aroclor-1016-2       | 5.694  | 5.599                | 5.799  | 482.170            | 500.000           | -3.6  |
| Aroclor-1016-3       | 5.756  | 5.661                | 5.861  | 448.330            | 500.000           | -10.3 |
| Aroclor-1016-4       | 5.853  | 5.758                | 5.958  | 443.420            | 500.000           | -11.3 |
| Aroclor-1016-5       | 6.146  | 6.051                | 6.251  | 459.890            | 500.000           | -8.0  |
| Aroclor-1260-1       | 7.263  | 7.171                | 7.371  | 515.030            | 500.000           | 3.0   |
| Aroclor-1260-2       | 7.517  | 7.425                | 7.625  | 549.020            | 500.000           | 9.8   |
| Aroclor-1260-3       | 7.876  | 7.783                | 7.983  | 537.720            | 500.000           | 7.5   |
| Aroclor-1260-4       | 8.100  | 8.008                | 8.208  | 499.760            | 500.000           | 0.0   |
| Aroclor-1260-5       | 8.421  | 8.328                | 8.528  | 529.700            | 500.000           | 5.9   |
| Decachlorobiphenyl   | 10.239 | 10.152               | 10.352 | 49.010             | 50.000            | -2.0  |
| Tetrachloro-m-xylene | 4.520  | 4.424                | 4.624  | 48.600             | 50.000            | -2.8  |



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### CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: Q1626 SAS No.: Q1626 SDG NO.: Q1626

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 03/11/2025 03/11/2025

Client Sample No.: CCAL04 Date Analyzed: 03/25/2025

Lab Sample No.: AR1660CCC500 Data File : PP070854.D Time Analyzed: 14:22

| COMPOUND             | RT    | RT WINDOW<br>FROM TO |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|----------------------|-------|--------------------|-------------------|-------|
| Aroclor-1016-1       | 4.907 | 4.817                | 5.017 | 511.020            | 500.000           | 2.2   |
| Aroclor-1016-2       | 4.926 | 4.836                | 5.036 | 497.590            | 500.000           | -0.5  |
| Aroclor-1016-3       | 5.103 | 5.013                | 5.213 | 511.060            | 500.000           | 2.2   |
| Aroclor-1016-4       | 5.145 | 5.054                | 5.254 | 523.950            | 500.000           | 4.8   |
| Aroclor-1016-5       | 5.359 | 5.270                | 5.470 | 522.730            | 500.000           | 4.5   |
| Aroclor-1260-1       | 6.396 | 6.307                | 6.507 | 491.070            | 500.000           | -1.8  |
| Aroclor-1260-2       | 6.584 | 6.495                | 6.695 | 470.690            | 500.000           | -5.9  |
| Aroclor-1260-3       | 6.738 | 6.649                | 6.849 | 470.120            | 500.000           | -6.0  |
| Aroclor-1260-4       | 7.209 | 7.121                | 7.321 | 440.870            | 500.000           | -11.8 |
| Aroclor-1260-5       | 7.450 | 7.362                | 7.562 | 424.990            | 500.000           | -15.0 |
| Decachlorobiphenyl   | 8.865 | 8.781                | 8.981 | 42.120             | 50.000            | -15.8 |
| Tetrachloro-m-xylene | 3.821 | 3.729                | 3.929 | 51.150             | 50.000            | 2.3   |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP032525\  
 Data File : PP070854.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Mar 2025 14:22  
 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: Mar 25 14:33:13 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Mar 19 05:25:31 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...          | 4.520  | 3.821 | 75587358 | 51262796 | 48.597   | 51.146   |
| 2) SA Decachlor...          | 10.239 | 8.865 | 52068733 | 41205657 | 49.013   | 42.117   |
| Target Compounds            |        |       |          |          |          |          |
| 3) L1 AR-1016-1             | 5.672  | 4.907 | 23402664 | 18372381 | 451.343  | 511.018m |
| 4) L1 AR-1016-2             | 5.694  | 4.926 | 34496493 | 25857939 | 482.166  | 497.587  |
| 5) L1 AR-1016-3             | 5.756  | 5.103 | 20416105 | 14541445 | 448.332  | 511.062  |
| 6) L1 AR-1016-4             | 5.853  | 5.145 | 17310204 | 11731243 | 443.422  | 523.952  |
| 7) L1 AR-1016-5             | 6.146  | 5.359 | 15922373 | 15535097 | 459.892  | 522.735  |
| 31) L7 AR-1260-1            | 7.263  | 6.396 | 30251959 | 24447771 | 515.030m | 491.073  |
| 32) L7 AR-1260-2            | 7.517  | 6.584 | 45043386 | 31106825 | 549.022m | 470.692  |
| 33) L7 AR-1260-3            | 7.876  | 6.738 | 35359418 | 26889873 | 537.723m | 470.125  |
| 34) L7 AR-1260-4            | 8.100  | 7.209 | 32655845 | 22556417 | 499.762m | 440.869  |
| 35) L7 AR-1260-5            | 8.421  | 7.450 | 72397951 | 54732395 | 529.699  | 424.990  |
| -----                       |        |       |          |          |          |          |

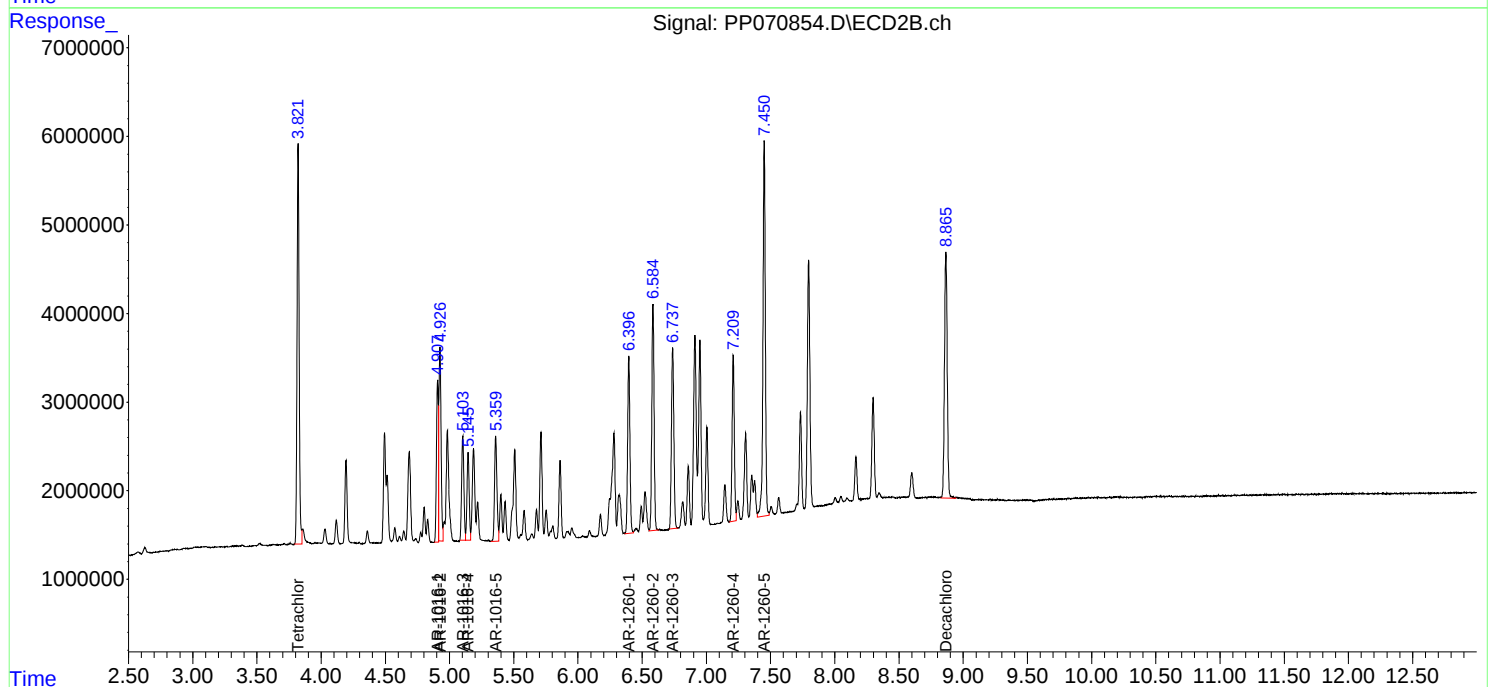
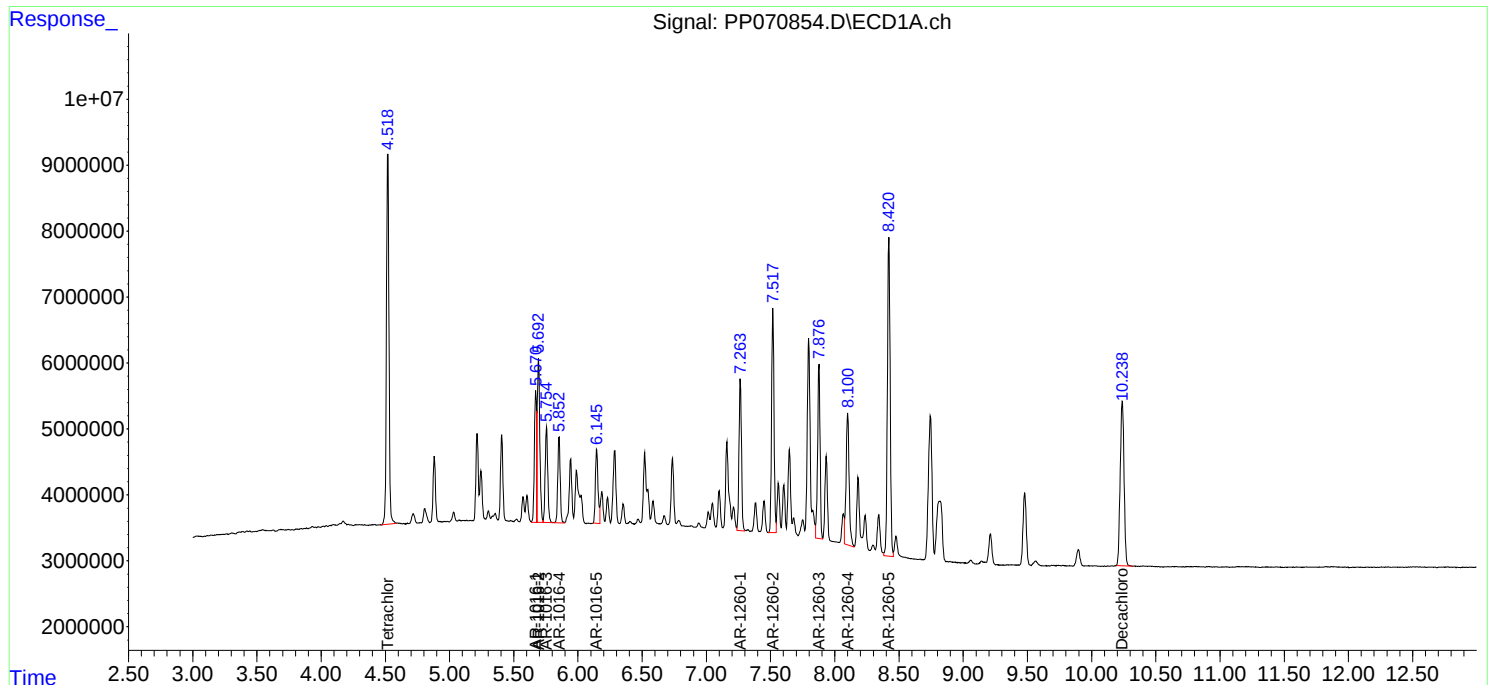
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP032525\  
Data File : PP070854.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Mar 2025 14:22  
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: Mar 25 14:33:13 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 19 05:25:31 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: Walsh Construction Company II, LLC | SDG No.: Q1626                                                  |
| Project: Walsh CO-032 Sampling             | Instrument ID: ECD_P                                            |
| GC Column: ZB-MR1                          | ID: 0.32 (mm)    Inst. Calib. Date(s): 03/11/2025    03/11/2025 |

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             | 03/11/2025       | 14:57            | PP070418.D | 10.25       | 4.53        |
| AR1660ICC1000     | AR1660ICC1000    | 03/11/2025       | 15:13            | PP070419.D | 10.25       | 4.53        |
| AR1660ICC750      | AR1660ICC750     | 03/11/2025       | 15:29            | PP070420.D | 10.25       | 4.52        |
| AR1660ICC500      | AR1660ICC500     | 03/11/2025       | 15:46            | PP070421.D | 10.25       | 4.52        |
| AR1660ICC250      | AR1660ICC250     | 03/11/2025       | 16:02            | PP070422.D | 10.26       | 4.53        |
| AR1660ICC050      | AR1660ICC050     | 03/11/2025       | 16:18            | PP070423.D | 10.25       | 4.53        |
| AR1221ICC500      | AR1221ICC500     | 03/11/2025       | 16:34            | PP070424.D | 10.25       | 4.53        |
| AR1232ICC1000     | AR1232ICC1000    | 03/11/2025       | 16:51            | PP070425.D | 10.25       | 4.53        |
| AR1232ICC750      | AR1232ICC750     | 03/11/2025       | 17:07            | PP070426.D | 10.25       | 4.53        |
| AR1232ICC500      | AR1232ICC500     | 03/11/2025       | 17:23            | PP070427.D | 10.25       | 4.53        |
| AR1232ICC250      | AR1232ICC250     | 03/11/2025       | 17:40            | PP070428.D | 10.25       | 4.53        |
| AR1232ICC050      | AR1232ICC050     | 03/11/2025       | 17:56            | PP070429.D | 10.26       | 4.53        |
| AR1242ICC1000     | AR1242ICC1000    | 03/11/2025       | 18:12            | PP070430.D | 10.25       | 4.53        |
| AR1242ICC750      | AR1242ICC750     | 03/11/2025       | 18:28            | PP070431.D | 10.25       | 4.53        |
| AR1242ICC500      | AR1242ICC500     | 03/11/2025       | 18:45            | PP070432.D | 10.25       | 4.53        |
| AR1242ICC250      | AR1242ICC250     | 03/11/2025       | 19:01            | PP070433.D | 10.25       | 4.52        |
| AR1242ICC050      | AR1242ICC050     | 03/11/2025       | 19:17            | PP070434.D | 10.25       | 4.53        |
| AR1248ICC1000     | AR1248ICC1000    | 03/11/2025       | 19:34            | PP070435.D | 10.25       | 4.53        |
| AR1248ICC750      | AR1248ICC750     | 03/11/2025       | 19:50            | PP070436.D | 10.25       | 4.52        |
| AR1248ICC500      | AR1248ICC500     | 03/11/2025       | 20:06            | PP070437.D | 10.25       | 4.52        |
| AR1248ICC250      | AR1248ICC250     | 03/11/2025       | 20:22            | PP070438.D | 10.25       | 4.52        |
| AR1248ICC050      | AR1248ICC050     | 03/11/2025       | 20:39            | PP070439.D | 10.25       | 4.52        |
| AR1254ICC1000     | AR1254ICC1000    | 03/11/2025       | 20:55            | PP070440.D | 10.25       | 4.53        |
| AR1254ICC750      | AR1254ICC750     | 03/11/2025       | 21:11            | PP070441.D | 10.25       | 4.52        |
| AR1254ICC500      | AR1254ICC500     | 03/11/2025       | 21:28            | PP070442.D | 10.25       | 4.53        |
| AR1254ICC250      | AR1254ICC250     | 03/11/2025       | 21:44            | PP070443.D | 10.25       | 4.52        |
| AR1254ICC050      | AR1254ICC050     | 03/11/2025       | 22:00            | PP070444.D | 10.25       | 4.53        |
| AR1262ICC500      | AR1262ICC500     | 03/11/2025       | 22:16            | PP070445.D | 10.25       | 4.52        |
| AR1268ICC1000     | AR1268ICC1000    | 03/11/2025       | 22:33            | PP070446.D | 10.25       | 4.53        |
| AR1268ICC750      | AR1268ICC750     | 03/11/2025       | 22:49            | PP070447.D | 10.25       | 4.53        |
| AR1268ICC500      | AR1268ICC500     | 03/11/2025       | 23:05            | PP070448.D | 10.25       | 4.52        |
| AR1268ICC250      | AR1268ICC250     | 03/11/2025       | 23:22            | PP070449.D | 10.25       | 4.52        |
| AR1268ICC050      | AR1268ICC050     | 03/11/2025       | 23:38            | PP070450.D | 10.25       | 4.53        |
| AR1660CCC500      | AR1660CCC500     | 03/24/2025       | 09:06            | PP070824.D | 10.24       | 4.52        |
| IBLK              | IBLK             | 03/24/2025       | 10:42            | PP070828.D | 10.26       | 4.53        |
| PB167271BL        | PB167271BL       | 03/24/2025       | 13:49            | PP070829.D | 10.25       | 4.52        |
| PB167271BS        | PB167271BS       | 03/24/2025       | 14:05            | PP070830.D | 10.24       | 4.52        |
| OK-01-03212025MS  | Q1624-01MS       | 03/24/2025       | 14:37            | PP070832.D | 10.24       | 4.52        |
| OK-01-03212025MSD | Q1624-01MSD      | 03/24/2025       | 14:54            | PP070833.D | 10.24       | 4.52        |
| CO-32-1           | Q1626-01         | 03/24/2025       | 15:10            | PP070834.D | 10.24       | 4.52        |
| AR1660CCC500      | AR1660CCC500     | 03/24/2025       | 16:42            | PP070835.D | 10.24       | 4.52        |
| IBLK              | IBLK             | 03/24/2025       | 18:19            | PP070839.D | 10.24       | 4.52        |

### Analytical Sequence

|              |              |            |       |            |       |      |
|--------------|--------------|------------|-------|------------|-------|------|
| AR1660CCC500 | AR1660CCC500 | 03/25/2025 | 08:27 | PP070841.D | 10.24 | 4.52 |
| I.BLK        | I.BLK        | 03/25/2025 | 09:34 | PP070845.D | 10.23 | 4.52 |
| CO-32-1DL    | Q1626-01DL   | 03/25/2025 | 09:50 | PP070846.D | 10.24 | 4.52 |
| AR1660CCC500 | AR1660CCC500 | 03/25/2025 | 14:22 | PP070854.D | 10.24 | 4.52 |
| I.BLK        | I.BLK        | 03/25/2025 | 16:00 | PP070858.D | 10.24 | 4.52 |

## Analytical Sequence

|                                            |                                                                 |
|--------------------------------------------|-----------------------------------------------------------------|
| Client: Walsh Construction Company II, LLC | SDG No.: Q1626                                                  |
| Project: Walsh CO-032 Sampling             | Instrument ID: ECD_P                                            |
| GC Column: ZB-MR2                          | ID: 0.32 (mm)    Inst. Calib. Date(s): 03/11/2025    03/11/2025 |

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 # |
|-------------------|------------------|------------------|------------------|------------|-------------|-------------|
| 1.BLK             | 1.BLK            | 03/11/2025       | 14:57            | PP070418.D | 8.88        | 3.83        |
| AR1660ICC1000     | AR1660ICC1000    | 03/11/2025       | 15:13            | PP070419.D | 8.88        | 3.83        |
| AR1660ICC750      | AR1660ICC750     | 03/11/2025       | 15:29            | PP070420.D | 8.88        | 3.83        |
| AR1660ICC500      | AR1660ICC500     | 03/11/2025       | 15:46            | PP070421.D | 8.88        | 3.83        |
| AR1660ICC250      | AR1660ICC250     | 03/11/2025       | 16:02            | PP070422.D | 8.88        | 3.83        |
| AR1660ICC050      | AR1660ICC050     | 03/11/2025       | 16:18            | PP070423.D | 8.88        | 3.83        |
| AR1221ICC500      | AR1221ICC500     | 03/11/2025       | 16:34            | PP070424.D | 8.88        | 3.83        |
| AR1232ICC1000     | AR1232ICC1000    | 03/11/2025       | 16:51            | PP070425.D | 8.88        | 3.83        |
| AR1232ICC750      | AR1232ICC750     | 03/11/2025       | 17:07            | PP070426.D | 8.88        | 3.83        |
| AR1232ICC500      | AR1232ICC500     | 03/11/2025       | 17:23            | PP070427.D | 8.88        | 3.83        |
| AR1232ICC250      | AR1232ICC250     | 03/11/2025       | 17:40            | PP070428.D | 8.88        | 3.83        |
| AR1232ICC050      | AR1232ICC050     | 03/11/2025       | 17:56            | PP070429.D | 8.88        | 3.83        |
| AR1242ICC1000     | AR1242ICC1000    | 03/11/2025       | 18:12            | PP070430.D | 8.88        | 3.83        |
| AR1242ICC750      | AR1242ICC750     | 03/11/2025       | 18:28            | PP070431.D | 8.88        | 3.83        |
| AR1242ICC500      | AR1242ICC500     | 03/11/2025       | 18:45            | PP070432.D | 8.88        | 3.83        |
| AR1242ICC250      | AR1242ICC250     | 03/11/2025       | 19:01            | PP070433.D | 8.88        | 3.83        |
| AR1242ICC050      | AR1242ICC050     | 03/11/2025       | 19:17            | PP070434.D | 8.88        | 3.83        |
| AR1248ICC1000     | AR1248ICC1000    | 03/11/2025       | 19:34            | PP070435.D | 8.88        | 3.83        |
| AR1248ICC750      | AR1248ICC750     | 03/11/2025       | 19:50            | PP070436.D | 8.88        | 3.83        |
| AR1248ICC500      | AR1248ICC500     | 03/11/2025       | 20:06            | PP070437.D | 8.88        | 3.83        |
| AR1248ICC250      | AR1248ICC250     | 03/11/2025       | 20:22            | PP070438.D | 8.88        | 3.83        |
| AR1248ICC050      | AR1248ICC050     | 03/11/2025       | 20:39            | PP070439.D | 8.88        | 3.83        |
| AR1254ICC1000     | AR1254ICC1000    | 03/11/2025       | 20:55            | PP070440.D | 8.88        | 3.83        |
| AR1254ICC750      | AR1254ICC750     | 03/11/2025       | 21:11            | PP070441.D | 8.88        | 3.83        |
| AR1254ICC500      | AR1254ICC500     | 03/11/2025       | 21:28            | PP070442.D | 8.88        | 3.83        |
| AR1254ICC250      | AR1254ICC250     | 03/11/2025       | 21:44            | PP070443.D | 8.88        | 3.83        |
| AR1254ICC050      | AR1254ICC050     | 03/11/2025       | 22:00            | PP070444.D | 8.88        | 3.83        |
| AR1262ICC500      | AR1262ICC500     | 03/11/2025       | 22:16            | PP070445.D | 8.88        | 3.83        |
| AR1268ICC1000     | AR1268ICC1000    | 03/11/2025       | 22:33            | PP070446.D | 8.88        | 3.83        |
| AR1268ICC750      | AR1268ICC750     | 03/11/2025       | 22:49            | PP070447.D | 8.88        | 3.83        |
| AR1268ICC500      | AR1268ICC500     | 03/11/2025       | 23:05            | PP070448.D | 8.88        | 3.83        |
| AR1268ICC250      | AR1268ICC250     | 03/11/2025       | 23:22            | PP070449.D | 8.88        | 3.83        |
| AR1268ICC050      | AR1268ICC050     | 03/11/2025       | 23:38            | PP070450.D | 8.88        | 3.83        |
| AR1660CCC500      | AR1660CCC500     | 03/24/2025       | 09:06            | PP070824.D | 8.86        | 3.82        |
| 1.BLK             | 1.BLK            | 03/24/2025       | 10:42            | PP070828.D | 8.87        | 3.82        |
| PB167271BL        | PB167271BL       | 03/24/2025       | 13:49            | PP070829.D | 8.87        | 3.82        |
| PB167271BS        | PB167271BS       | 03/24/2025       | 14:05            | PP070830.D | 8.87        | 3.82        |
| OK-01-03212025MS  | Q1624-01MS       | 03/24/2025       | 14:37            | PP070832.D | 8.87        | 3.82        |
| OK-01-03212025MSD | Q1624-01MSD      | 03/24/2025       | 14:54            | PP070833.D | 8.87        | 3.82        |
| CO-32-1           | Q1626-01         | 03/24/2025       | 15:10            | PP070834.D | 8.87        | 3.82        |
| AR1660CCC500      | AR1660CCC500     | 03/24/2025       | 16:42            | PP070835.D | 8.87        | 3.82        |
| 1.BLK             | 1.BLK            | 03/24/2025       | 18:19            | PP070839.D | 8.87        | 3.82        |

### Analytical Sequence

|              |              |            |       |            |      |      |
|--------------|--------------|------------|-------|------------|------|------|
| AR1660CCC500 | AR1660CCC500 | 03/25/2025 | 08:27 | PP070841.D | 8.87 | 3.82 |
| I.BLK        | I.BLK        | 03/25/2025 | 09:34 | PP070845.D | 8.86 | 3.82 |
| CO-32-1DL    | Q1626-01DL   | 03/25/2025 | 09:50 | PP070846.D | 8.87 | 3.82 |
| AR1660CCC500 | AR1660CCC500 | 03/25/2025 | 14:22 | PP070854.D | 8.87 | 3.82 |
| I.BLK        | I.BLK        | 03/25/2025 | 16:00 | PP070858.D | 8.87 | 3.82 |

IDENTIFICATION SUMMARY  
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB167271BS

Contract: WALS01

Lab Code: CHEM Case No.: Q1626 SAS No.: Q1626 SDG NO.: Q1626

Lab Sample ID: PB167271BS Date(s) Analyzed: 03/24/2025 03/24/2025

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 PP070830.D

| ANALYTE      | COL | RT    | RT WINDOW |       | CONCENTRATION | MEAN<br>CONCENTRATION | %RPD  |
|--------------|-----|-------|-----------|-------|---------------|-----------------------|-------|
|              |     |       | FROM      | TO    |               |                       |       |
| Aroclor-1016 | 1   | 5.673 | 5.623     | 5.723 | 151           | 154                   | 9.88  |
| COLUMN 1     | 2   | 5.695 | 5.645     | 5.745 | 165           |                       |       |
|              | 3   | 5.757 | 5.707     | 5.807 | 154           |                       |       |
|              | 4   | 5.855 | 5.805     | 5.905 | 151           |                       |       |
|              | 5   | 6.147 | 6.097     | 6.197 | 150           |                       |       |
|              | 1   | 4.909 | 4.859     | 4.959 | 174           |                       |       |
| COLUMN 2     | 2   | 4.928 | 4.878     | 4.978 | 171           | 170                   |       |
|              | 3   | 5.105 | 5.055     | 5.155 | 170           |                       |       |
|              | 4   | 5.146 | 5.096     | 5.196 | 170           |                       |       |
|              | 5   | 5.361 | 5.311     | 5.411 | 165           |                       |       |
|              |     |       |           |       |               |                       |       |
| Aroclor-1260 | 1   | 7.265 | 7.215     | 7.315 | 181           | 166                   | 10.13 |
| COLUMN 1     | 2   | 7.519 | 7.469     | 7.569 | 190           |                       |       |
|              | 3   | 7.878 | 7.828     | 7.928 | 158           |                       |       |
|              | 4   | 8.102 | 8.052     | 8.152 | 149           |                       |       |
|              | 5   | 8.424 | 8.374     | 8.474 | 153           |                       |       |
|              | 1   | 6.398 | 6.348     | 6.448 | 163           |                       |       |
| COLUMN 2     | 2   | 6.586 | 6.536     | 6.636 | 159           | 150                   |       |
|              | 3   | 6.739 | 6.689     | 6.789 | 158           |                       |       |
|              | 4   | 7.211 | 7.161     | 7.261 | 134           |                       |       |
|              | 5   | 7.452 | 7.402     | 7.502 | 134           |                       |       |
|              |     |       |           |       |               |                       |       |

IDENTIFICATION SUMMARY  
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

OK-01-03212025MS

Contract: WALS01

Lab Code: CHEM Case No.: Q1626 SAS No.: Q1626 SDG NO.: Q1626

Lab Sample ID: Q1624-01MS Date(s) Analyzed: 03/24/2025 03/24/2025

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 PP070832.D

| ANALYTE      | COL | RT    | RT WINDOW |       | CONCENTRATION | MEAN<br>CONCENTRATION | %RPD  |
|--------------|-----|-------|-----------|-------|---------------|-----------------------|-------|
|              |     |       | FROM      | TO    |               |                       |       |
| Aroclor-1016 | 1   | 5.67  | 5.62      | 5.72  | 193           | 193                   | 5.05  |
| COLUMN 1     | 2   | 5.692 | 5.642     | 5.742 | 203           |                       |       |
|              | 3   | 5.754 | 5.704     | 5.804 | 192           |                       |       |
|              | 4   | 5.851 | 5.801     | 5.901 | 207           |                       |       |
|              | 5   | 6.143 | 6.093     | 6.193 | 170           |                       |       |
|              | 1   | 4.908 | 4.858     | 4.958 | 207           |                       |       |
| COLUMN 2     | 2   | 4.927 | 4.877     | 4.977 | 202           | 203                   |       |
|              | 3   | 5.104 | 5.054     | 5.154 | 202           |                       |       |
|              | 4   | 5.146 | 5.096     | 5.196 | 206           |                       |       |
|              | 5   | 5.361 | 5.311     | 5.411 | 196           |                       |       |
|              |     |       |           |       |               |                       |       |
| Aroclor-1260 | 1   | 7.262 | 7.212     | 7.312 | 216           | 200                   | 15.63 |
| COLUMN 1     | 2   | 7.516 | 7.466     | 7.566 | 226           |                       |       |
|              | 3   | 7.874 | 7.824     | 7.924 | 186           |                       |       |
|              | 4   | 8.098 | 8.048     | 8.148 | 193           |                       |       |
|              | 5   | 8.421 | 8.371     | 8.471 | 180           |                       |       |
|              | 1   | 6.397 | 6.347     | 6.447 | 194           | 171                   |       |
| COLUMN 2     | 2   | 6.586 | 6.536     | 6.636 | 183           |                       |       |
|              | 3   | 6.739 | 6.689     | 6.789 | 182           |                       |       |
|              | 4   | 7.211 | 7.161     | 7.261 | 148           |                       |       |
|              | 5   | 7.452 | 7.402     | 7.502 | 148           |                       |       |
|              |     |       |           |       |               |                       |       |

IDENTIFICATION SUMMARY  
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

OK-01-03212025MSD

Contract: WALS01

Lab Code: CHEM Case No.: Q1626 SAS No.: Q1626 SDG NO.: Q1626

Lab Sample ID: Q1624-01MSD Date(s) Analyzed: 03/24/2025 03/24/2025

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 PP070833.D

| ANALYTE      | COL | RT    | RT WINDOW |       | CONCENTRATION | MEAN<br>CONCENTRATION | %RPD  |
|--------------|-----|-------|-----------|-------|---------------|-----------------------|-------|
|              |     |       | FROM      | TO    |               |                       |       |
| Aroclor-1016 | 1   | 5.672 | 5.622     | 5.722 | 179           | 181                   | 9.47  |
| COLUMN 1     | 2   | 5.694 | 5.644     | 5.744 | 191           |                       |       |
|              | 3   | 5.756 | 5.706     | 5.806 | 178           |                       |       |
|              | 4   | 5.853 | 5.803     | 5.903 | 189           |                       |       |
|              | 5   | 6.145 | 6.095     | 6.195 | 166           |                       |       |
|              | 1   | 4.907 | 4.857     | 4.957 | 196           |                       |       |
| COLUMN 2     | 2   | 4.926 | 4.876     | 4.976 | 198           | 199                   |       |
|              | 3   | 5.103 | 5.053     | 5.153 | 201           |                       |       |
|              | 4   | 5.145 | 5.095     | 5.195 | 204           |                       |       |
|              | 5   | 5.359 | 5.309     | 5.409 | 193           |                       |       |
|              |     |       |           |       |               |                       |       |
| Aroclor-1260 | 1   | 7.264 | 7.214     | 7.314 | 205           | 193                   | 16.25 |
| COLUMN 1     | 2   | 7.518 | 7.468     | 7.568 | 222           |                       |       |
|              | 3   | 7.877 | 7.827     | 7.927 | 172           |                       |       |
|              | 4   | 8.102 | 8.052     | 8.152 | 196           |                       |       |
|              | 5   | 8.423 | 8.373     | 8.473 | 170           |                       |       |
|              | 1   | 6.396 | 6.346     | 6.446 | 185           |                       |       |
| COLUMN 2     | 2   | 6.584 | 6.534     | 6.634 | 174           | 164                   |       |
|              | 3   | 6.737 | 6.687     | 6.787 | 175           |                       |       |
|              | 4   | 7.21  | 7.16      | 7.26  | 143           |                       |       |
|              | 5   | 7.451 | 7.401     | 7.501 | 141           |                       |       |
|              |     |       |           |       |               |                       |       |

IDENTIFICATION SUMMARY  
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

CO-32-1

Contract: WALS01

Lab Code: CHEM Case No.: Q1626 SAS No.: Q1626 SDG NO.: Q1626

Lab Sample ID: Q1626-01 Date(s) Analyzed: 03/24/2025 03/24/2025

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 PP070834.D

| ANALYTE      | COL | RT    | RT WINDOW |       | CONCENTRATION | MEAN<br>CONCENTRATION | %RPD  |
|--------------|-----|-------|-----------|-------|---------------|-----------------------|-------|
|              |     |       | FROM      | TO    |               |                       |       |
| Aroclor-1254 | 1   | 6.523 | 6.473     | 6.573 | 403           | 439                   | 25.71 |
| COLUMN 1     | 2   | 6.738 | 6.688     | 6.788 | 356           |                       |       |
|              | 3   | 7.102 | 7.052     | 7.152 | 400           |                       |       |
|              | 4   | 7.384 | 7.334     | 7.434 | 305           |                       |       |
|              | 5   | 7.8   | 7.75      | 7.85  | 733           |                       |       |
| COLUMN 2     | 1   | 5.715 | 5.665     | 5.765 | 335           | 339                   |       |
|              | 2   | 5.863 | 5.813     | 5.913 | 292           |                       |       |
|              | 3   | 6.267 | 6.217     | 6.317 | 416           |                       |       |
|              | 4   | 6.495 | 6.445     | 6.545 | 205           |                       |       |
|              | 5   | 6.914 | 6.864     | 6.964 | 444           |                       |       |
| Aroclor-1260 | 1   | 7.265 | 7.215     | 7.315 | 360           | 328                   | 25.82 |
| COLUMN 1     | 2   | 7.516 | 7.466     | 7.566 | 516           |                       |       |
|              | 3   | 7.876 | 7.826     | 7.926 | 223           |                       |       |
|              | 4   | 8.096 | 8.046     | 8.146 | 336           |                       |       |
|              | 5   | 8.423 | 8.373     | 8.473 | 204           |                       |       |
| COLUMN 2     | 1   | 6.398 | 6.348     | 6.448 | 352           | 253                   |       |
|              | 2   | 6.586 | 6.536     | 6.636 | 289           |                       |       |
|              | 3   | 6.738 | 6.688     | 6.788 | 281           |                       |       |
|              | 4   | 7.211 | 7.161     | 7.261 | 150           |                       |       |
|              | 5   | 7.452 | 7.402     | 7.502 | 195           |                       |       |

IDENTIFICATION SUMMARY  
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

CO-32-1DL

Contract: WALS01

Lab Code: CHEM Case No.: Q1626 SAS No.: Q1626 SDG NO.: Q1626

Lab Sample ID: Q1626-01DL Date(s) Analyzed: 03/25/2025 03/25/2025

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 PP070846.D

| ANALYTE      | COL | RT    | RT WINDOW |       | CONCENTRATION | MEAN<br>CONCENTRATION | %RPD  |
|--------------|-----|-------|-----------|-------|---------------|-----------------------|-------|
|              |     |       | FROM      | TO    |               |                       |       |
| Aroclor-1254 | 1   | 6.518 | 6.468     | 6.568 | 414           | 454                   | 14.91 |
| COLUMN 1     | 2   | 6.734 | 6.684     | 6.784 | 373           |                       |       |
|              | 3   | 7.097 | 7.047     | 7.147 | 424           |                       |       |
|              | 4   | 7.379 | 7.329     | 7.429 | 312           |                       |       |
|              | 5   | 7.795 | 7.745     | 7.845 | 748           |                       |       |
|              | 1   | 5.713 | 5.663     | 5.763 | 394           |                       |       |
| COLUMN 2     | 2   | 5.861 | 5.811     | 5.911 | 349           | 391                   |       |
|              | 3   | 6.266 | 6.216     | 6.316 | 483           |                       |       |
|              | 4   | 6.493 | 6.443     | 6.543 | 239           |                       |       |
|              | 5   | 6.911 | 6.861     | 6.961 | 489           |                       |       |
|              |     |       |           |       |               |                       |       |
| Aroclor-1260 | 1   | 7.261 | 7.211     | 7.311 | 391           | 353                   | 19.6  |
| COLUMN 1     | 2   | 7.513 | 7.463     | 7.563 | 566           |                       |       |
|              | 3   | 7.873 | 7.823     | 7.923 | 237           |                       |       |
|              | 4   | 8.091 | 8.041     | 8.141 | 344           |                       |       |
|              | 5   | 8.419 | 8.369     | 8.469 | 229           |                       |       |
|              | 1   | 6.397 | 6.347     | 6.447 | 418           |                       |       |
| COLUMN 2     | 2   | 6.583 | 6.533     | 6.633 | 337           | 290                   |       |
|              | 3   | 6.737 | 6.687     | 6.787 | 312           |                       |       |
|              | 4   | 7.209 | 7.159     | 7.259 | 171           |                       |       |
|              | 5   | 7.45  | 7.4       | 7.5   | 214           |                       |       |
|              |     |       |           |       |               |                       |       |



# QC SAMPLE DATA

## Report of Analysis

|                    |                                    |                    |                    |
|--------------------|------------------------------------|--------------------|--------------------|
| Client:            | Walsh Construction Company II, LLC | Date Collected:    |                    |
| Project:           | Walsh CO-032 Sampling              | Date Received:     |                    |
| Client Sample ID:  | PB167271BL                         | SDG No.:           | Q1626              |
| Lab Sample ID:     | PB167271BL                         | Matrix:            | SOIL               |
| Analytical Method: | SW8082A                            | % Solid:           | 100      Decanted: |
| 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 |
| PP070829.D        | 1         | 03/24/25 08:50 | 03/24/25 13:49 | PB167271      |

| 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 | 23.1  |           | 32 - 144 | 115%       | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 22.4  |           | 32 - 175 | 112%       | 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\PP032425\  
Data File : PP070829.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Mar 2025 13:49  
Operator : YP\AJ  
Sample : PB167271BL  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
PB167271BL

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 24 14:42:48 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 19 05:25:31 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...          | 4.522  | 3.823 | 33228026 | 23113538 | 21.363 | 23.061 |
| 2) SA Decachlor...          | 10.246 | 8.869 | 23811406 | 19462436 | 22.414 | 19.893 |

Target Compounds

-----

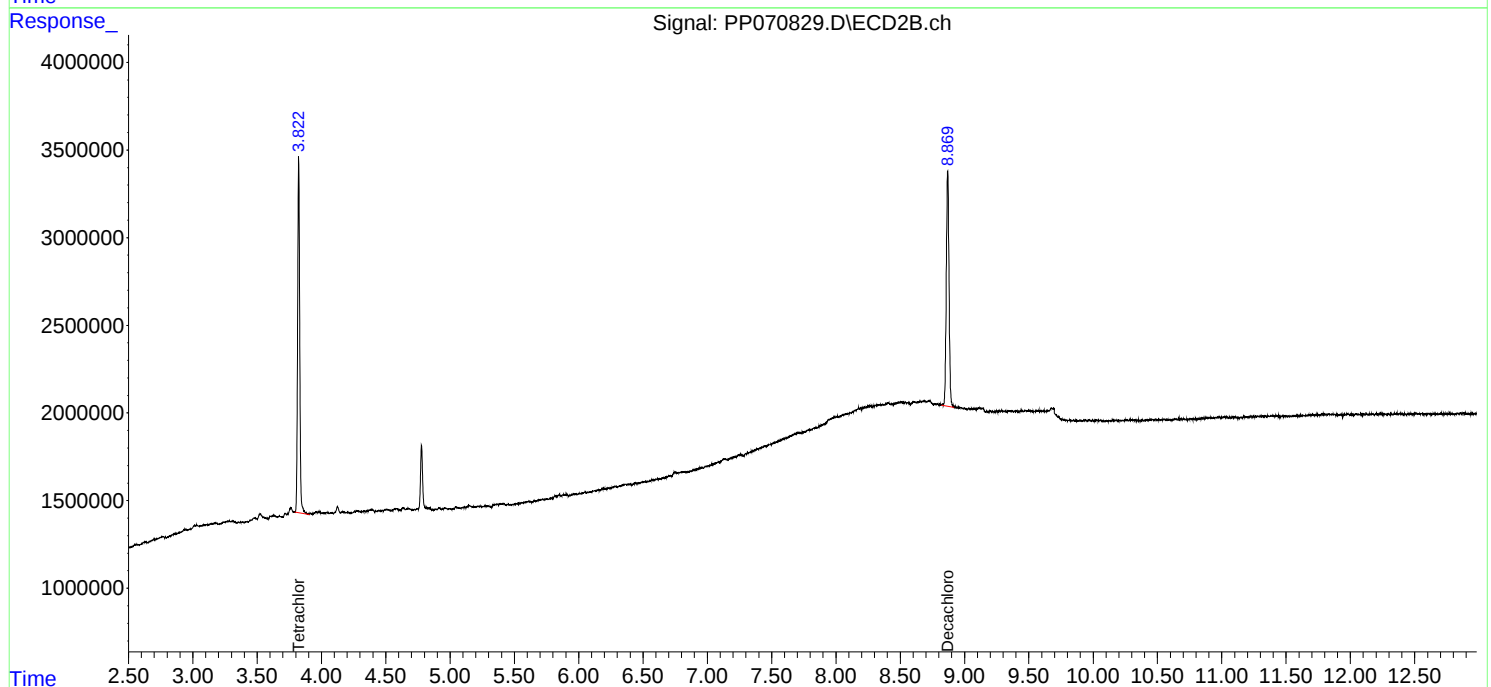
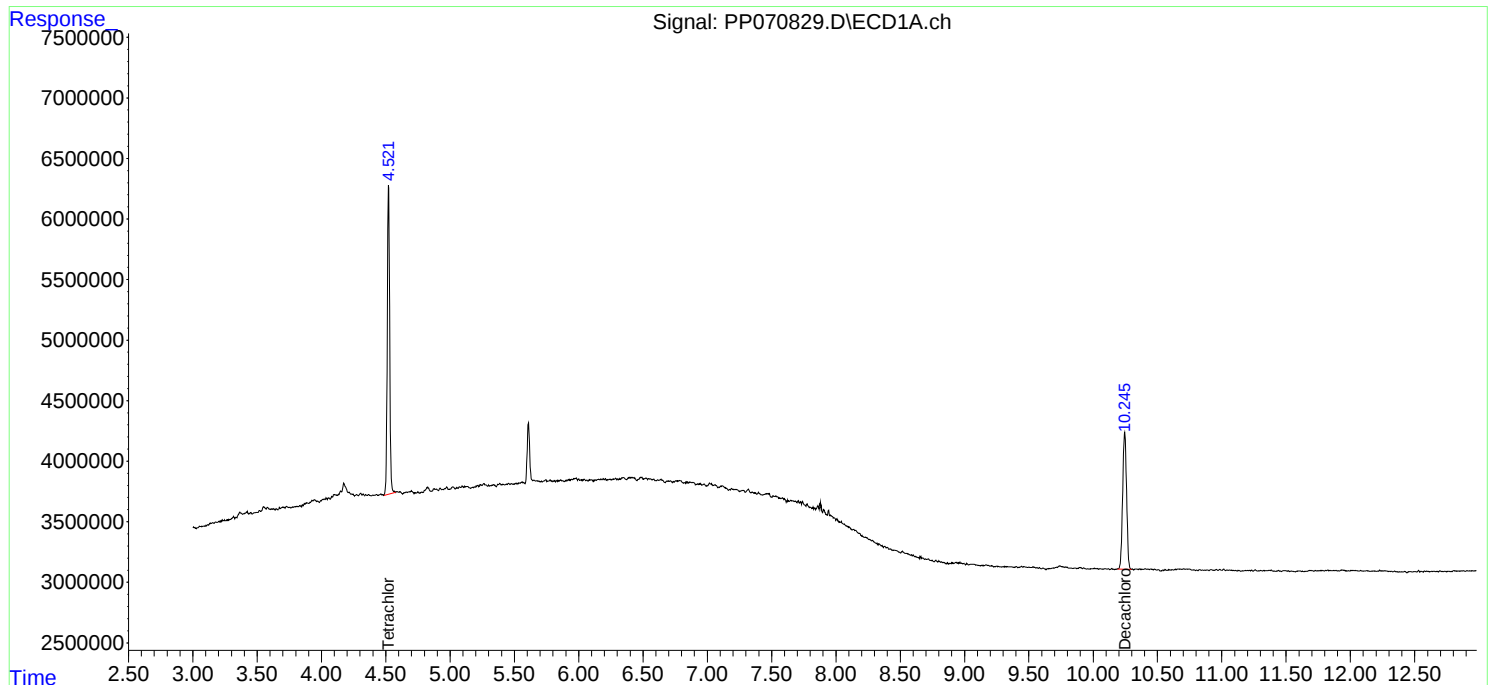
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

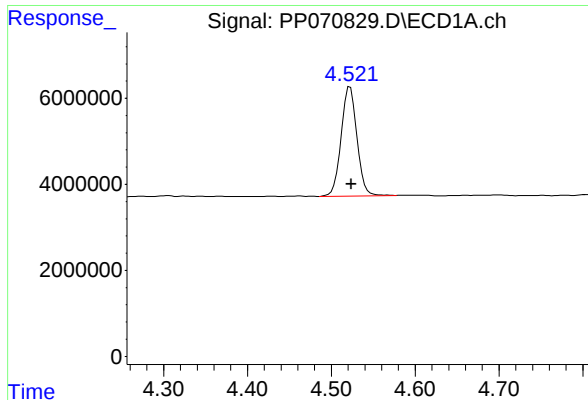
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP032425\  
Data File : PP070829.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Mar 2025 13:49  
Operator : YP\AJ  
Sample : PB167271BL  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
PB167271BL

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 24 14:42:48 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 19 05:25:31 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

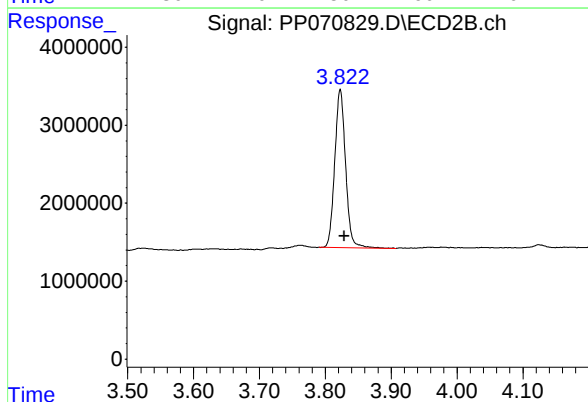




## #1 Tetrachloro-m-xylene

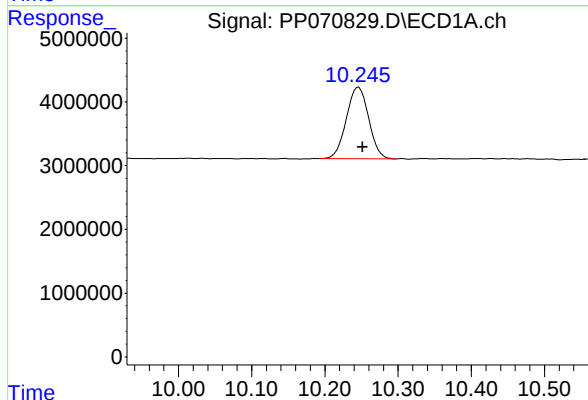
R.T.: 4.522 min  
Delta R.T.: -0.002 min  
Response: 33228026  
Conc: 21.36 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB167271BL



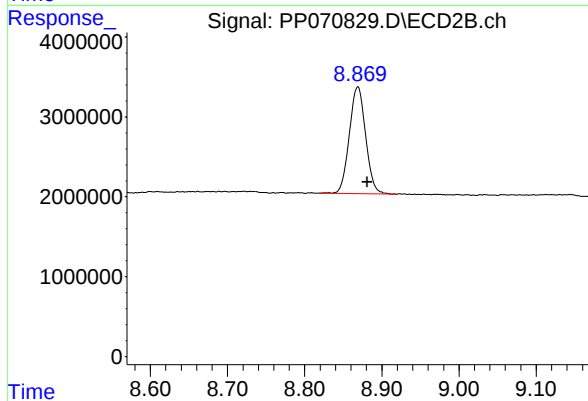
## #1 Tetrachloro-m-xylene

R.T.: 3.823 min  
Delta R.T.: -0.006 min  
Response: 23113538  
Conc: 23.06 ng/ml



## #2 Decachlorobiphenyl

R.T.: 10.246 min  
Delta R.T.: -0.005 min  
Response: 23811406  
Conc: 22.41 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.869 min  
Delta R.T.: -0.012 min  
Response: 19462436  
Conc: 19.89 ng/ml

## Report of Analysis

|                    |                                    |                    |          |
|--------------------|------------------------------------|--------------------|----------|
| Client:            | Walsh Construction Company II, LLC | Date Collected:    | 03/11/25 |
| Project:           | Walsh CO-032 Sampling              | Date Received:     | 03/11/25 |
| Client Sample ID:  | PIBLK-PP070418.D                   | SDG No.:           | Q1626    |
| Lab Sample ID:     | I.BLK-PP070418.D                   | Matrix:            | WATER    |
| Analytical Method: | SW8082A                            | % Solid:           | 0        |
| Sample Wt/Vol:     | 1000                               | Units:             | mL       |
| Soil Aliquot Vol:  |                                    |                    | uL       |
| Extraction Type:   |                                    | Test:              | PCB      |
| GPC Factor :       | 1.0                                | PH :               |          |
| Prep Method :      | 5030                               | Injection Volume : |          |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PP070418.D        | 1         |           | 03/11/25      | pp031125      |

| 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 | 22.0  |           | 60 - 140 | 110%       | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 23.1  |           | 60 - 140 | 116%       | 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\PP031125\  
 Data File : PP070418.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 14:57  
 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: Mar 12 03:02:37 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Mar 12 02:42:43 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...          | 4.526  | 3.828 | 34285116 | 23007566 | 22.043 | 22.955 |
| 2) SA Decachlor...          | 10.252 | 8.880 | 24539341 | 22949882 | 23.099 | 23.457 |

Target Compounds

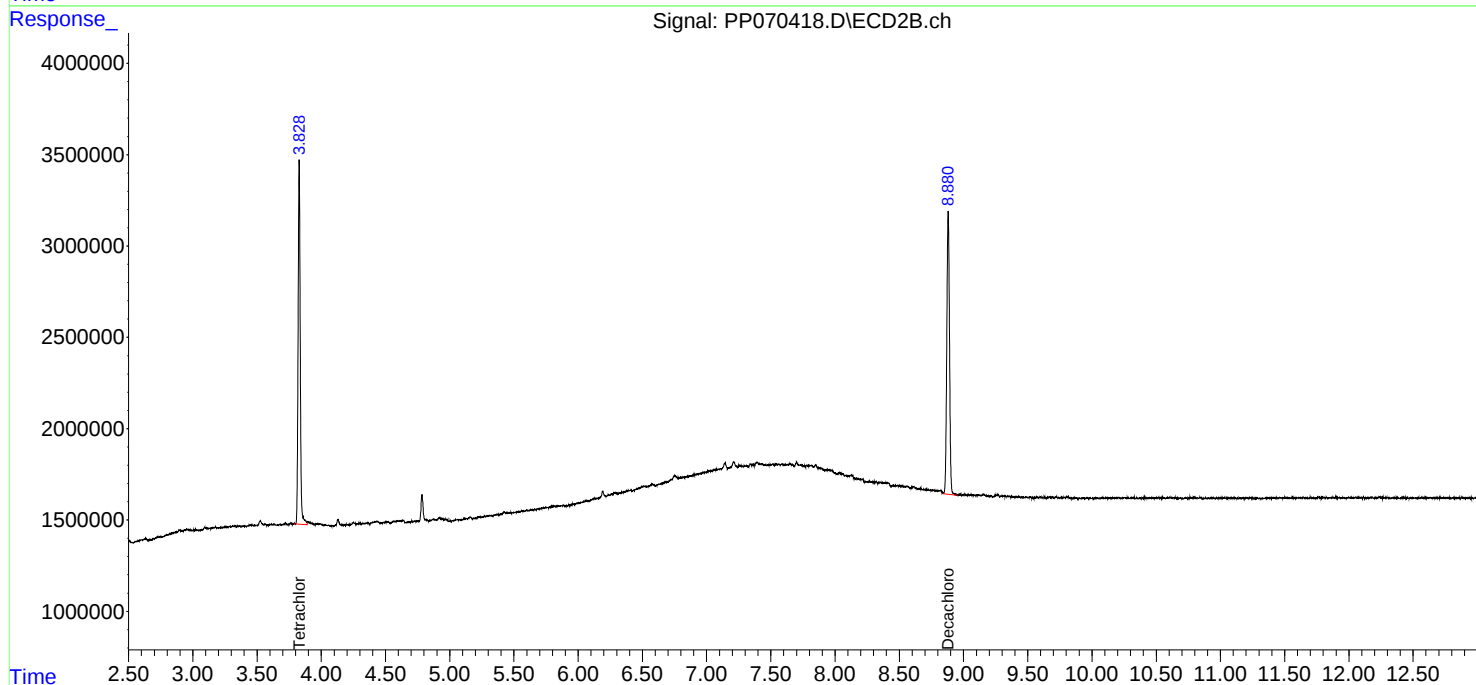
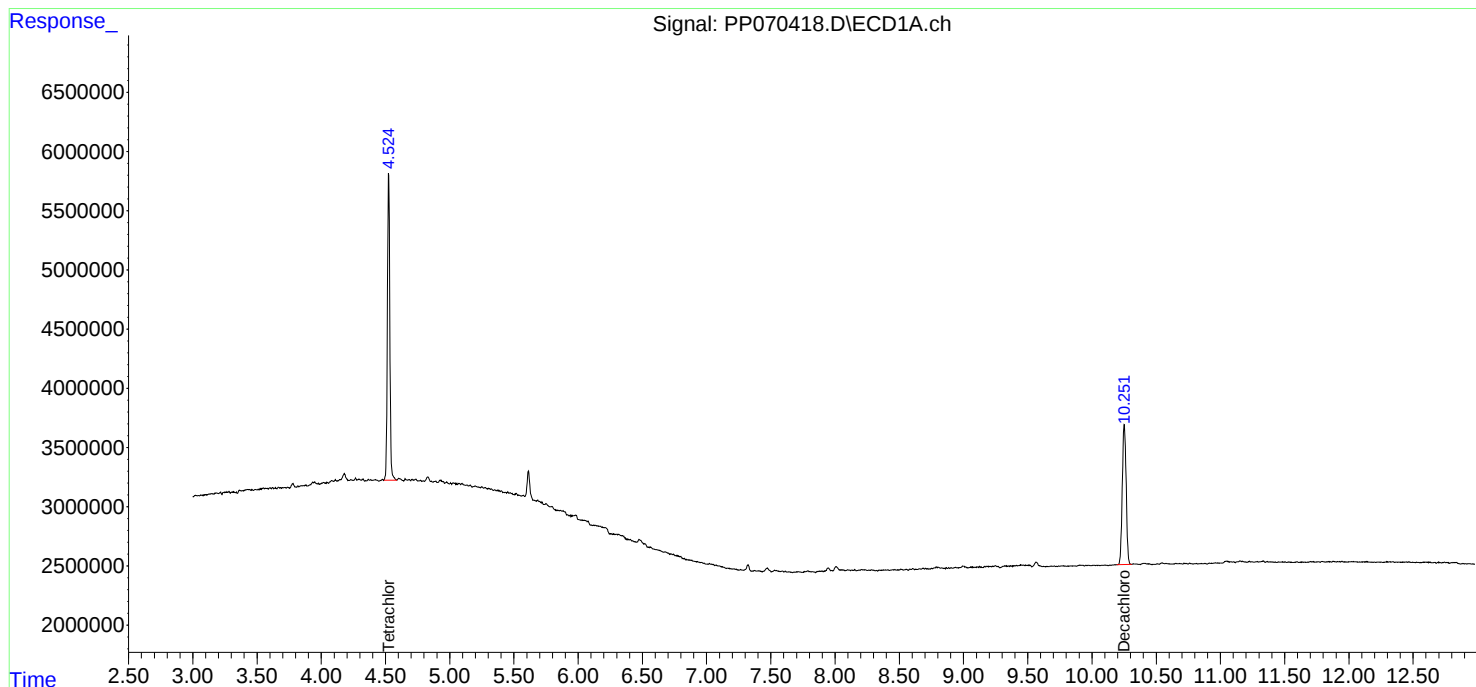
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

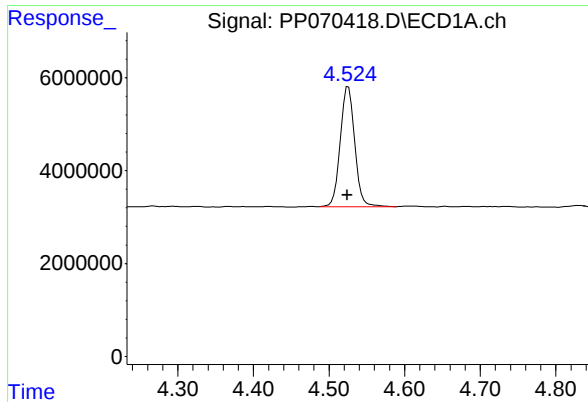
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP031125\  
Data File : PP070418.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 14:57  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 12 03:02:37 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 12 02:42:43 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

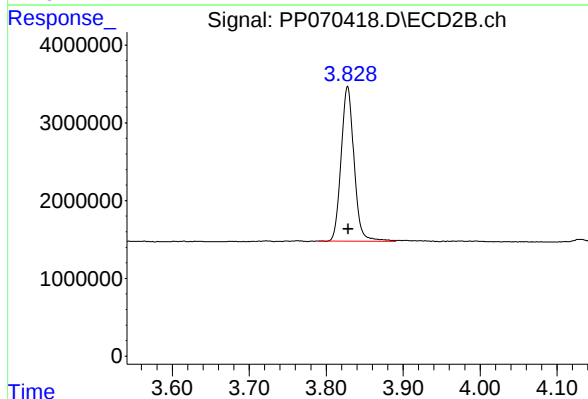




## #1 Tetrachloro-m-xylene

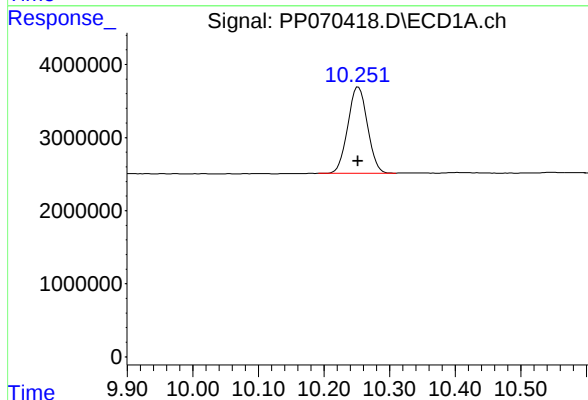
R.T.: 4.526 min  
Delta R.T.: 0.002 min  
Response: 34285116  
Conc: 22.04 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



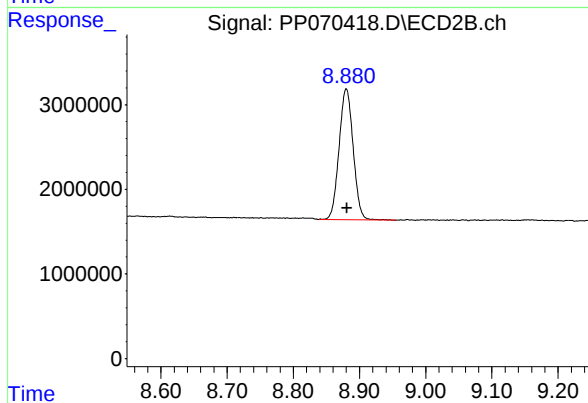
## #1 Tetrachloro-m-xylene

R.T.: 3.828 min  
Delta R.T.: 0.000 min  
Response: 23007566  
Conc: 22.96 ng/ml



## #2 Decachlorobiphenyl

R.T.: 10.252 min  
Delta R.T.: 0.000 min  
Response: 24539341  
Conc: 23.10 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.880 min  
Delta R.T.: -0.001 min  
Response: 22949882  
Conc: 23.46 ng/ml

## Report of Analysis

|                    |                                    |                    |          |
|--------------------|------------------------------------|--------------------|----------|
| Client:            | Walsh Construction Company II, LLC | Date Collected:    | 03/24/25 |
| Project:           | Walsh CO-032 Sampling              | Date Received:     | 03/24/25 |
| Client Sample ID:  | PIBLK-PP070828.D                   | SDG No.:           | Q1626    |
| Lab Sample ID:     | I.BLK-PP070828.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 |
| PP070828.D        | 1         |           | 03/24/25      | PP032425      |

| 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 | 19.4  |           | 60 - 140 | 97%        | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 18.1  |           | 60 - 140 | 91%        | 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\PP032425\  
 Data File : PP070828.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Mar 2025 10:42  
 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: Mar 24 12:43:37 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Mar 19 05:25:31 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... | 4.529  | 3.824 | 30161920 | 22214328 | 19.392 | 22.164 |
| 2) SA Decachlor... | 10.258 | 8.874 | 22288355 | 17743734 | 20.980 | 18.136 |

#### Target Compounds

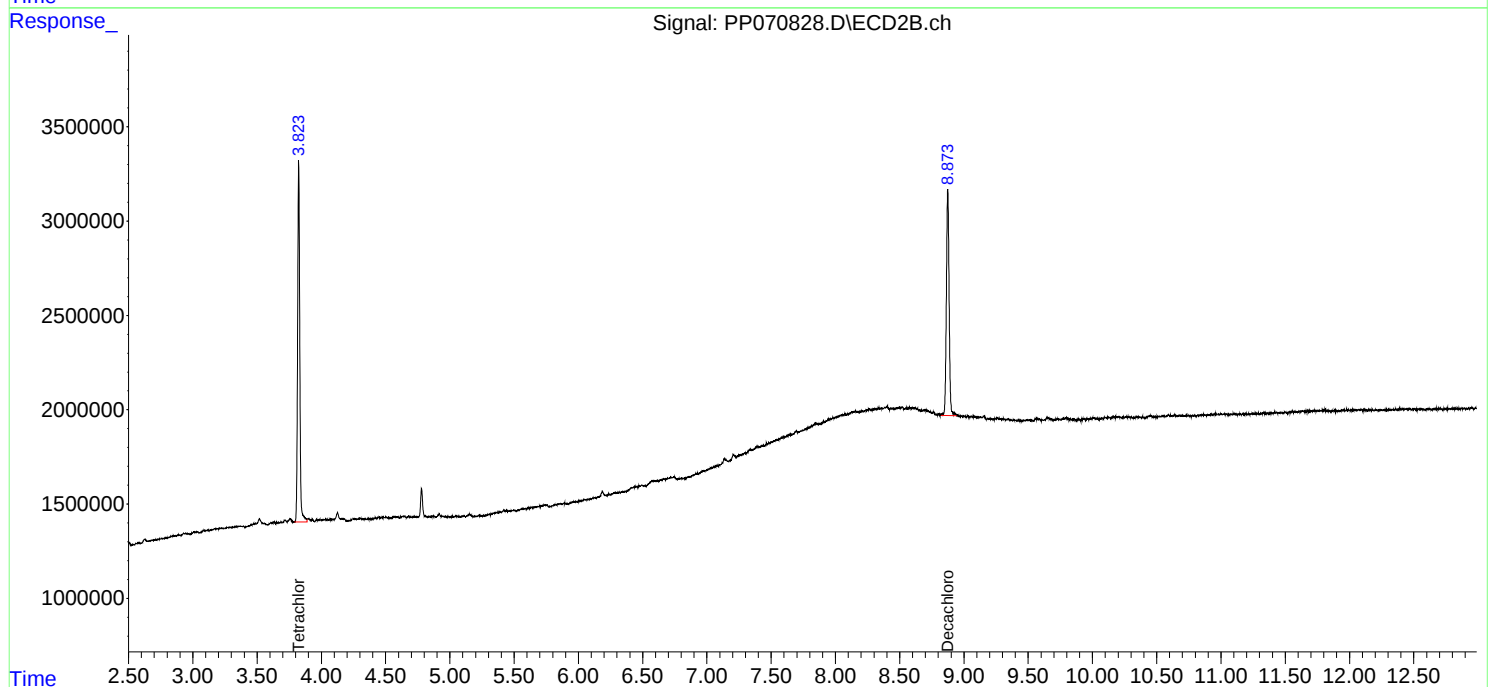
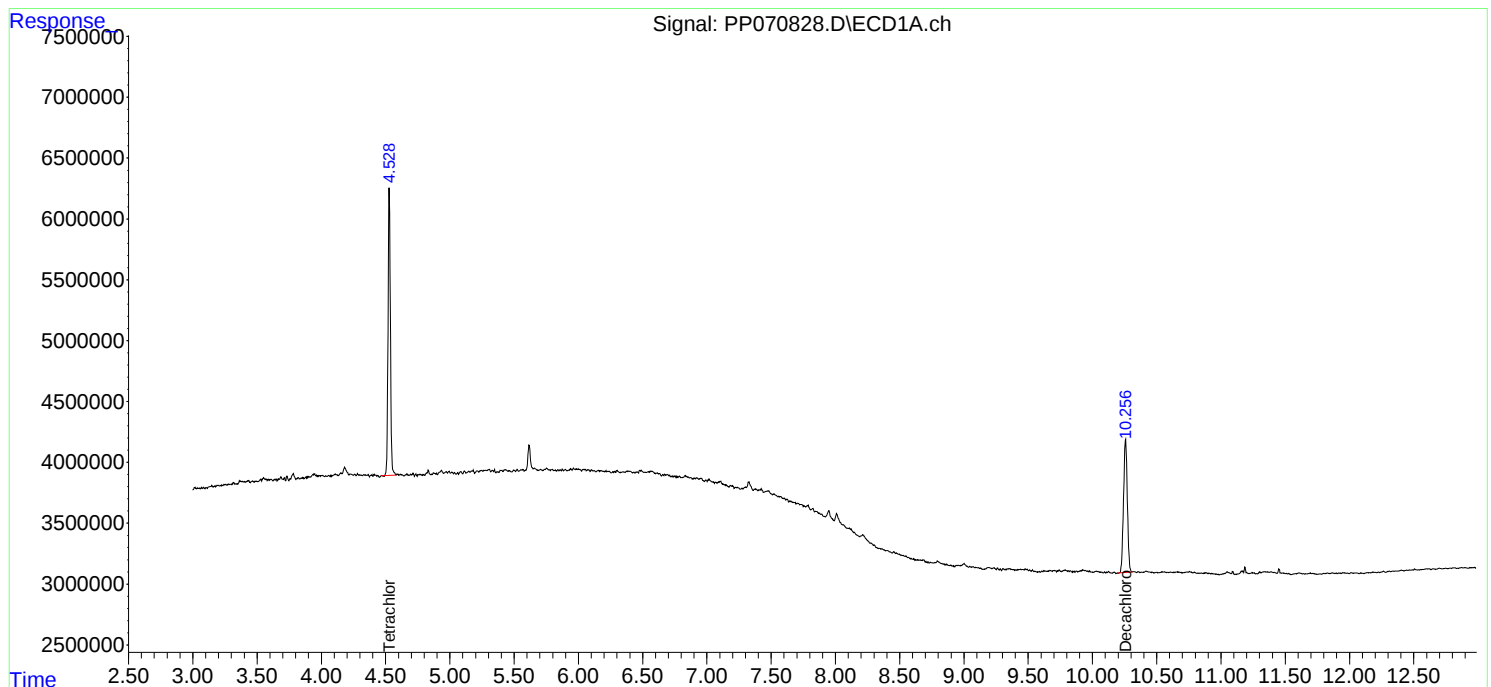
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

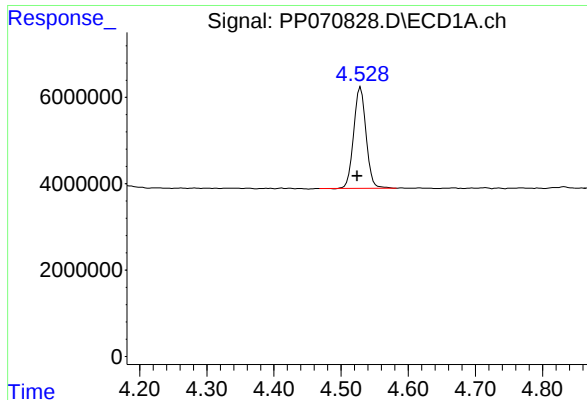
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP032425\  
Data File : PP070828.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Mar 2025 10:42  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 24 12:43:37 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 19 05:25:31 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

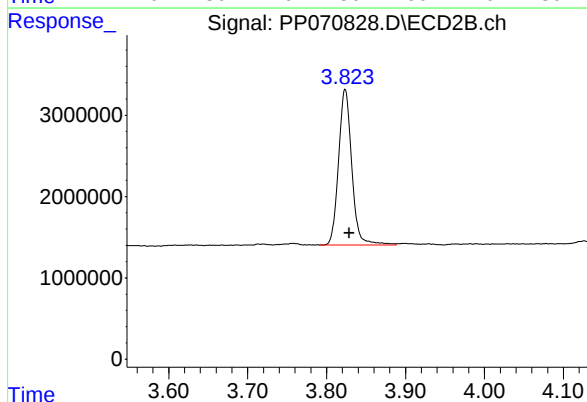




## #1 Tetrachloro-m-xylene

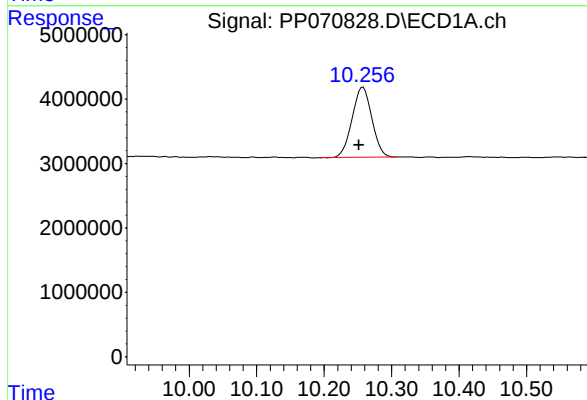
R.T.: 4.529 min  
Delta R.T.: 0.005 min  
Response: 30161920  
Conc: 19.39 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



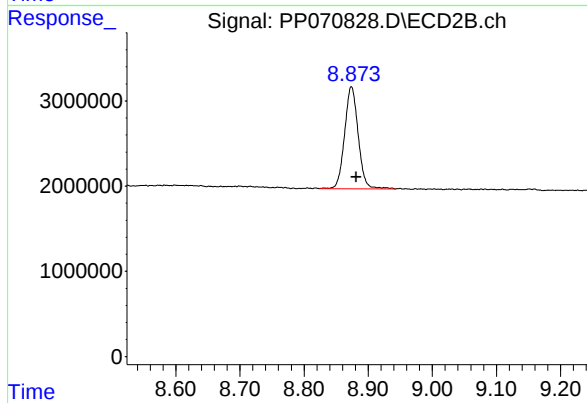
## #1 Tetrachloro-m-xylene

R.T.: 3.824 min  
Delta R.T.: -0.005 min  
Response: 22214328  
Conc: 22.16 ng/ml



## #2 Decachlorobiphenyl

R.T.: 10.258 min  
Delta R.T.: 0.006 min  
Response: 22288355  
Conc: 20.98 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.874 min  
Delta R.T.: -0.007 min  
Response: 17743734  
Conc: 18.14 ng/ml

## Report of Analysis

|                    |                                    |                    |          |
|--------------------|------------------------------------|--------------------|----------|
| Client:            | Walsh Construction Company II, LLC | Date Collected:    | 03/24/25 |
| Project:           | Walsh CO-032 Sampling              | Date Received:     | 03/24/25 |
| Client Sample ID:  | PIBLK-PP070839.D                   | SDG No.:           | Q1626    |
| Lab Sample ID:     | I.BLK-PP070839.D                   | Matrix:            | WATER    |
| Analytical Method: | SW8082A                            | % Solid:           | 0        |
| Sample Wt/Vol:     | 1000                               | Units:             | mL       |
| Soil Aliquot Vol:  |                                    |                    | uL       |
| Extraction Type:   |                                    | Test:              | PCB      |
| GPC Factor :       | 1.0                                | PH :               |          |
| Prep Method :      | 5030                               | Injection Volume : |          |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PP070839.D        | 1         |           | 03/24/25      | PP032425      |

| 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 | 19.8  |           | 60 - 140 | 99%        | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 18.1  |           | 60 - 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\PP032425\  
 Data File : PP070839.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Mar 2025 18:19  
 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: Mar 25 02:37:59 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Mar 19 05:25:31 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...          | 4.520  | 3.822 | 30712300 | 22972873 | 19.746 | 22.921 |
| 2) SA Decachlor...          | 10.241 | 8.867 | 22590096 | 17679970 | 21.264 | 18.071 |

Target Compounds

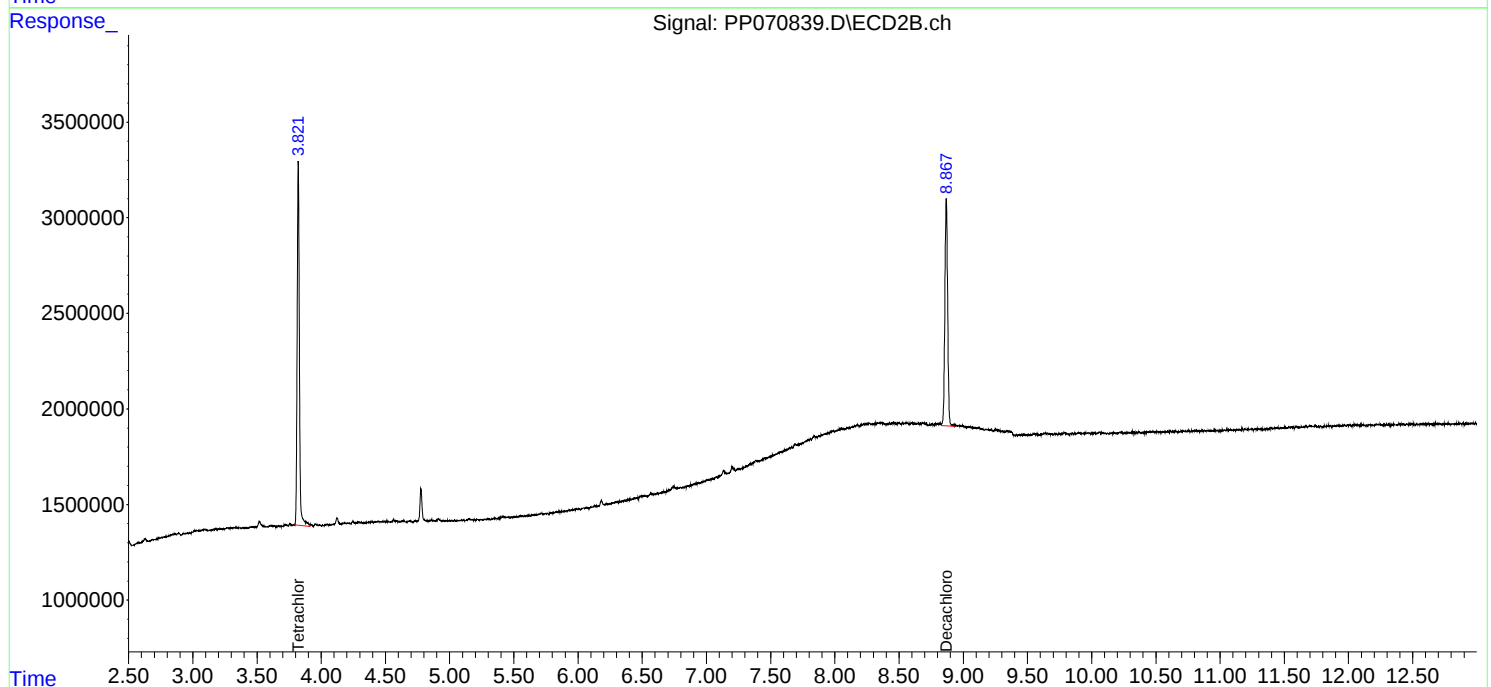
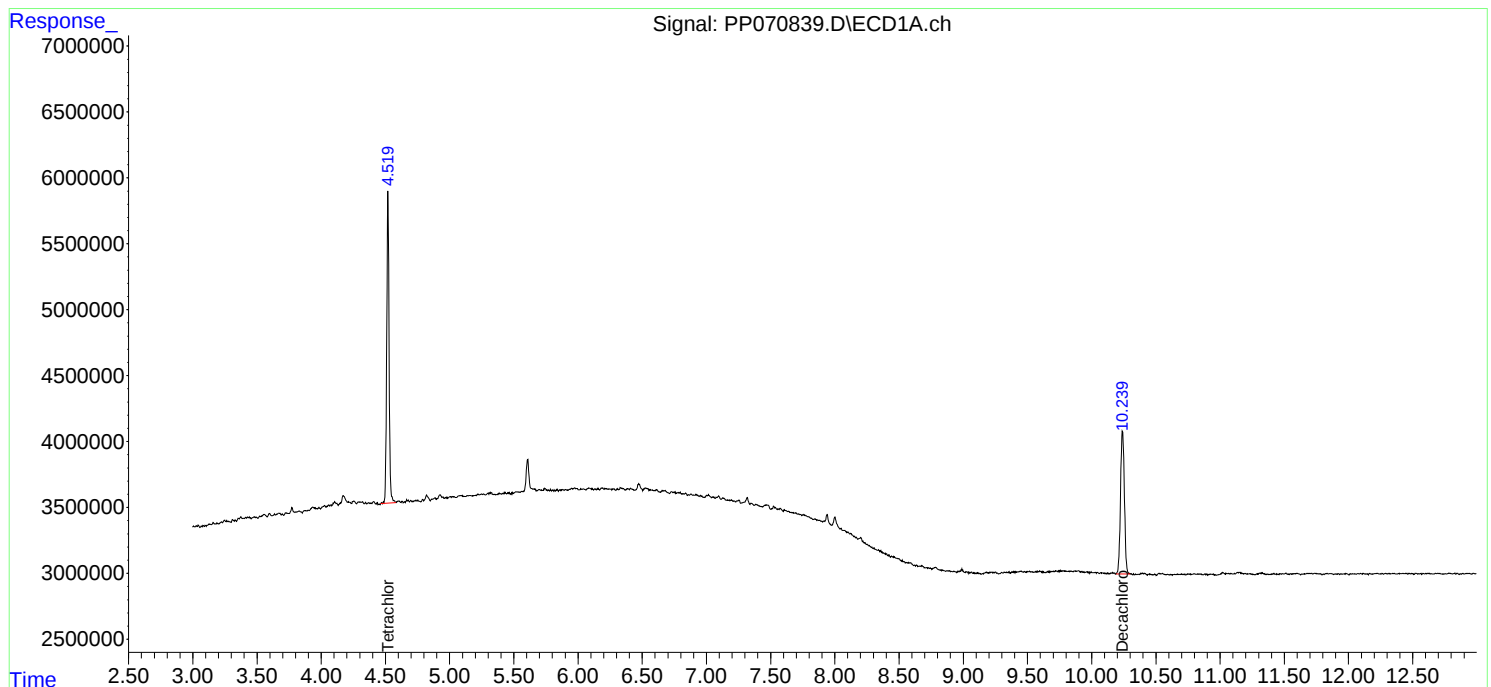
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

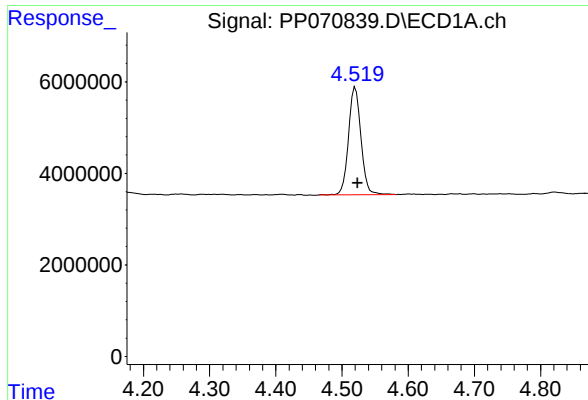
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP032425\  
Data File : PP070839.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Mar 2025 18:19  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 25 02:37:59 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 19 05:25:31 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

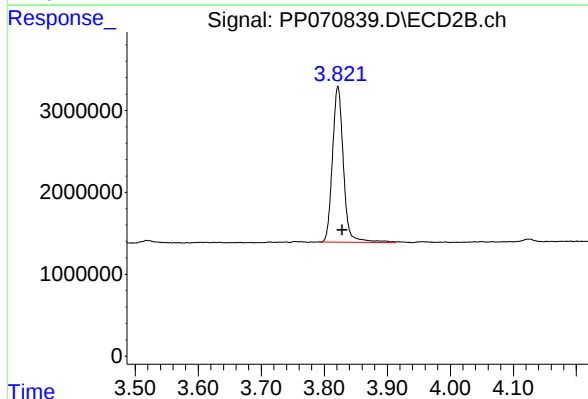




## #1 Tetrachloro-m-xylene

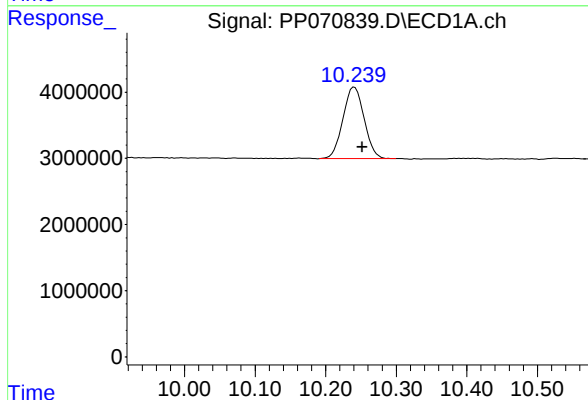
R.T.: 4.520 min  
Delta R.T.: -0.004 min  
Response: 30712300  
Conc: 19.75 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



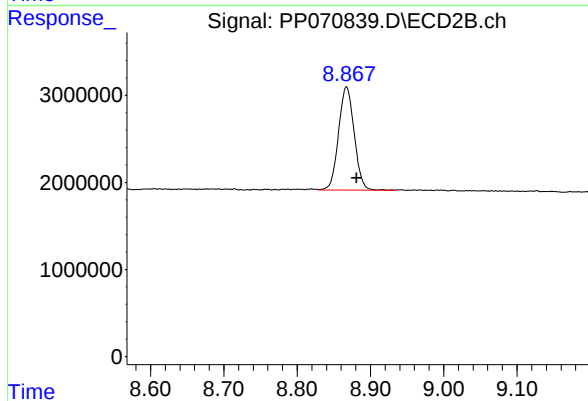
## #1 Tetrachloro-m-xylene

R.T.: 3.822 min  
Delta R.T.: -0.007 min  
Response: 22972873  
Conc: 22.92 ng/ml



## #2 Decachlorobiphenyl

R.T.: 10.241 min  
Delta R.T.: -0.011 min  
Response: 22590096  
Conc: 21.26 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.867 min  
Delta R.T.: -0.014 min  
Response: 17679970  
Conc: 18.07 ng/ml

## Report of Analysis

|                    |                                    |                    |          |
|--------------------|------------------------------------|--------------------|----------|
| Client:            | Walsh Construction Company II, LLC | Date Collected:    | 03/25/25 |
| Project:           | Walsh CO-032 Sampling              | Date Received:     | 03/25/25 |
| Client Sample ID:  | PIBLK-PP070845.D                   | SDG No.:           | Q1626    |
| Lab Sample ID:     | I.BLK-PP070845.D                   | Matrix:            | WATER    |
| Analytical Method: | SW8082A                            | % Solid:           | 0        |
| Sample Wt/Vol:     | 1000                               | Units:             | mL       |
| Soil Aliquot Vol:  |                                    |                    | uL       |
| Extraction Type:   |                                    | Test:              | PCB      |
| GPC Factor :       | 1.0                                | PH :               |          |
| Prep Method :      | 5030                               | Injection Volume : |          |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PP070845.D        | 1         |           | 03/25/25      | Pp032525      |

| 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 | 19.8  |           | 60 - 140 | 99%        | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 18.3  |           | 60 - 140 | 91%        | 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\PP032525\  
Data File : PP070845.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Mar 2025 09:34  
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: Mar 25 11:36:23 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 19 05:25:31 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  | 3.820 | 30843788 | 24400376 | 19.830 | 24.345 |
| 2) SA Decachlor... | 10.233 | 8.864 | 22569739 | 17869707 | 21.245 | 18.265 |

Target Compounds  
-----

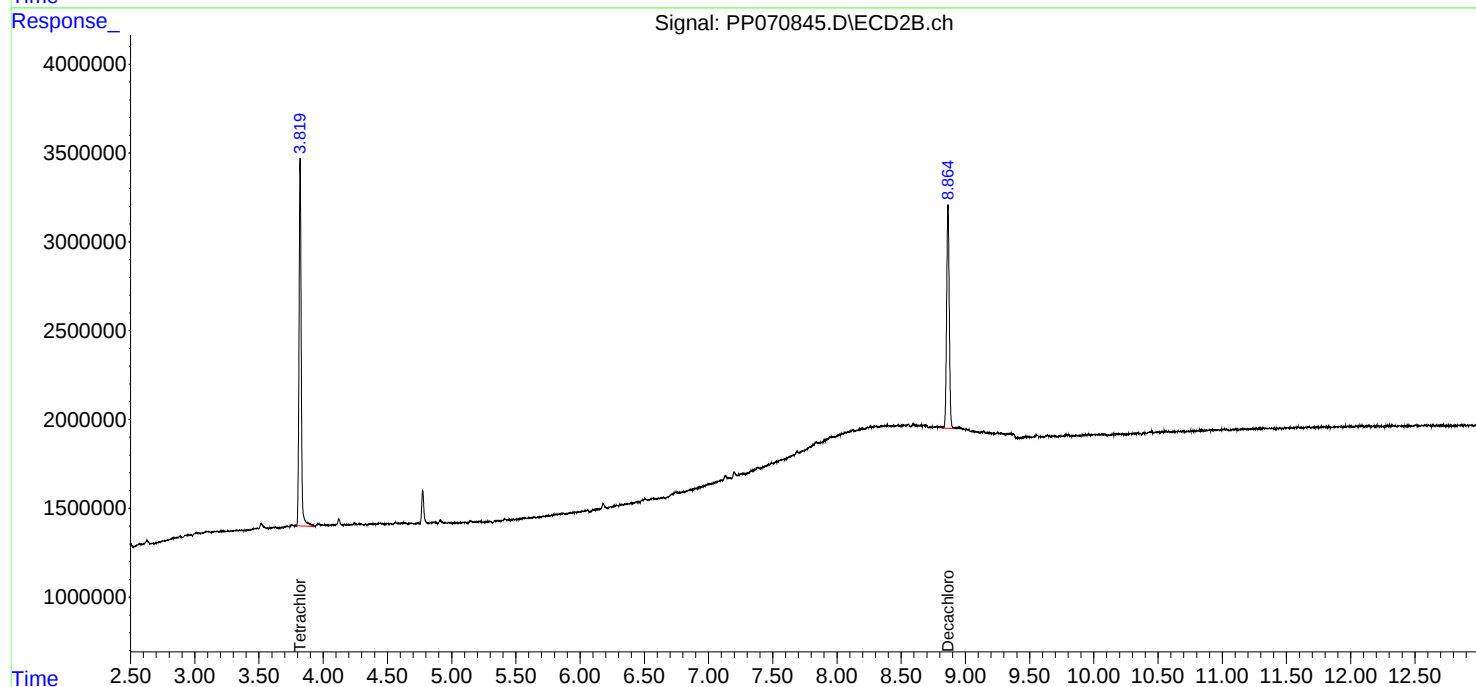
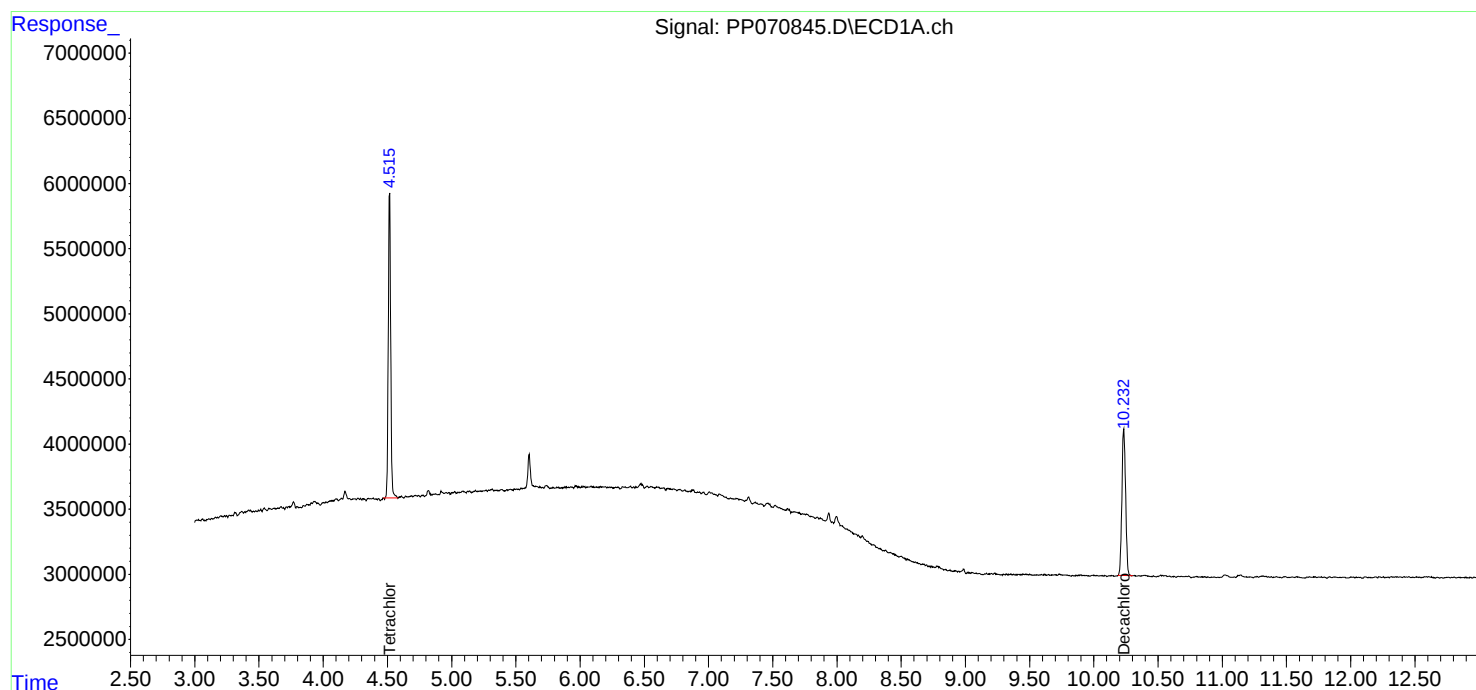
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

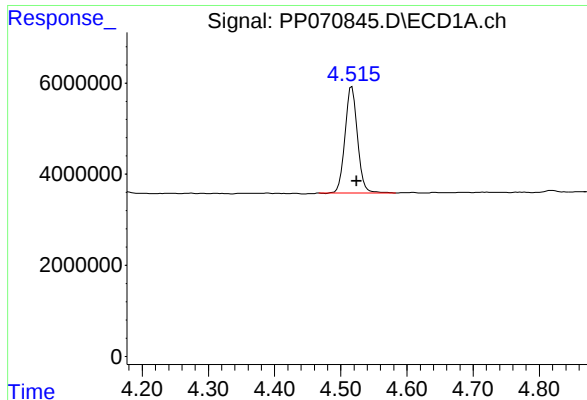
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP032525\  
Data File : PP070845.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Mar 2025 09:34  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 25 11:36:23 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 19 05:25:31 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

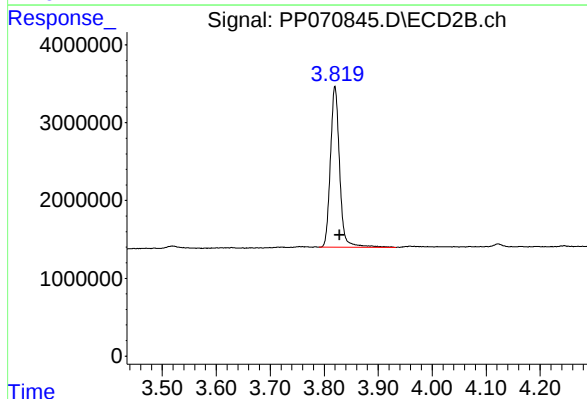




## #1 Tetrachloro-m-xylene

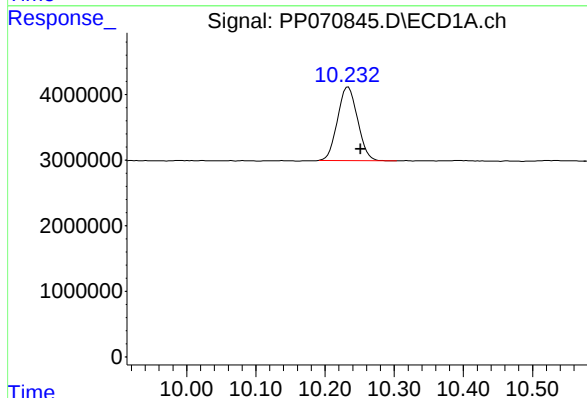
R.T.: 4.517 min  
Delta R.T.: -0.007 min  
Response: 30843788  
Conc: 19.83 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



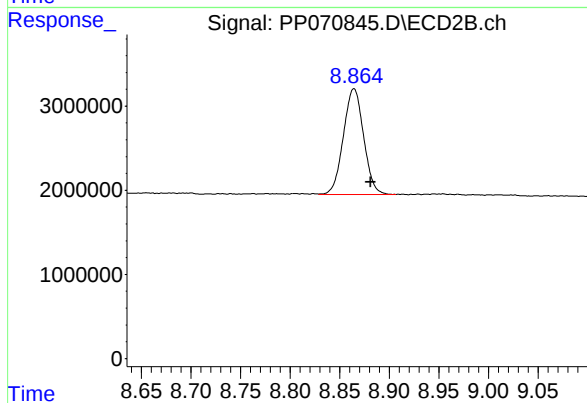
## #1 Tetrachloro-m-xylene

R.T.: 3.820 min  
Delta R.T.: -0.009 min  
Response: 24400376  
Conc: 24.34 ng/ml



## #2 Decachlorobiphenyl

R.T.: 10.233 min  
Delta R.T.: -0.018 min  
Response: 22569739  
Conc: 21.25 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.864 min  
Delta R.T.: -0.017 min  
Response: 17869707  
Conc: 18.26 ng/ml

## Report of Analysis

|                    |                                    |                    |          |
|--------------------|------------------------------------|--------------------|----------|
| Client:            | Walsh Construction Company II, LLC | Date Collected:    | 03/25/25 |
| Project:           | Walsh CO-032 Sampling              | Date Received:     | 03/25/25 |
| Client Sample ID:  | PIBLK-PP070858.D                   | SDG No.:           | Q1626    |
| Lab Sample ID:     | I.BLK-PP070858.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 |
| PP070858.D        | 1         |           | 03/25/25      | pp032525      |

| 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 | 17.2  |           | 60 - 140 | 86%        | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 16.3  |           | 60 - 140 | 82%        | 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\PP032525\  
Data File : PP070858.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Mar 2025 16:00  
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: Mar 26 02:32:47 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 19 05:25:31 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...          | 4.519  | 3.822 | 26820324 | 18869814 | 17.244 | 18.827 |
| 2) SA Decachlor...          | 10.242 | 8.867 | 19899655 | 15987825 | 18.732 | 16.341 |

Target Compounds

-----

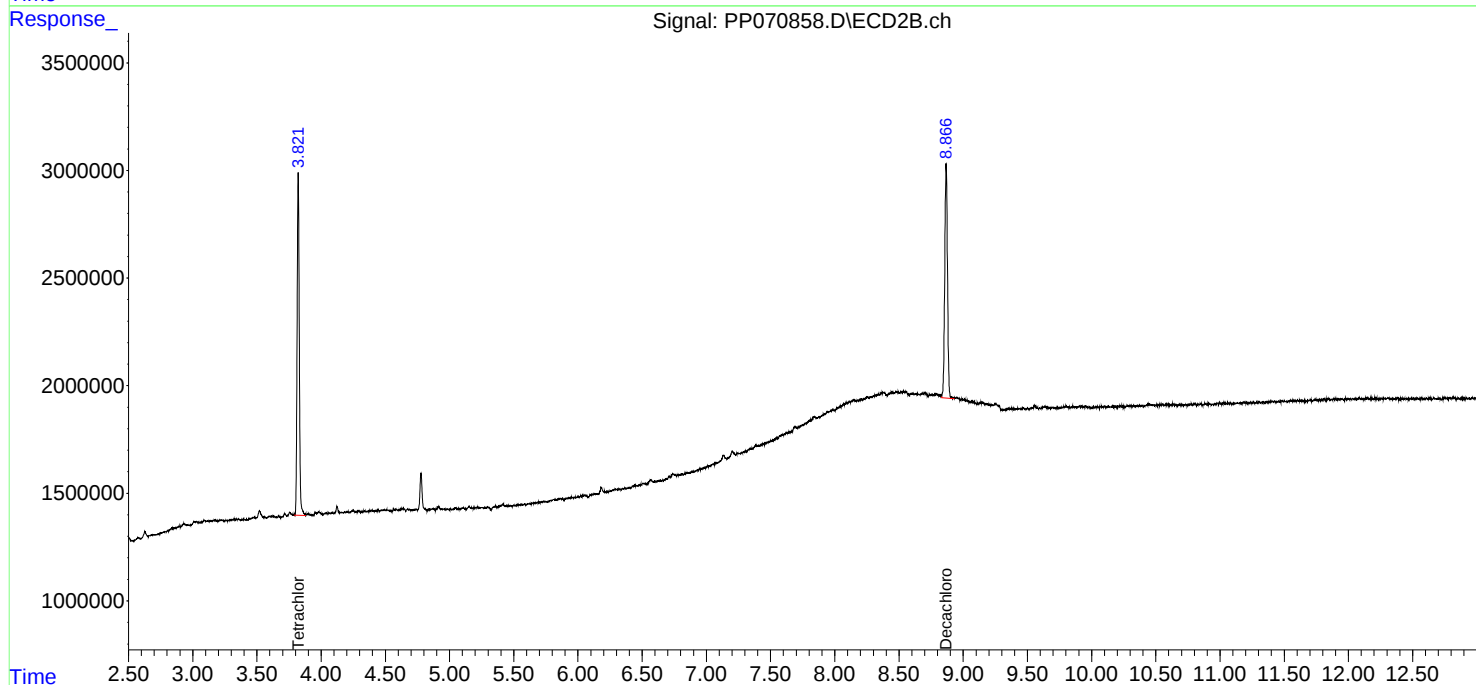
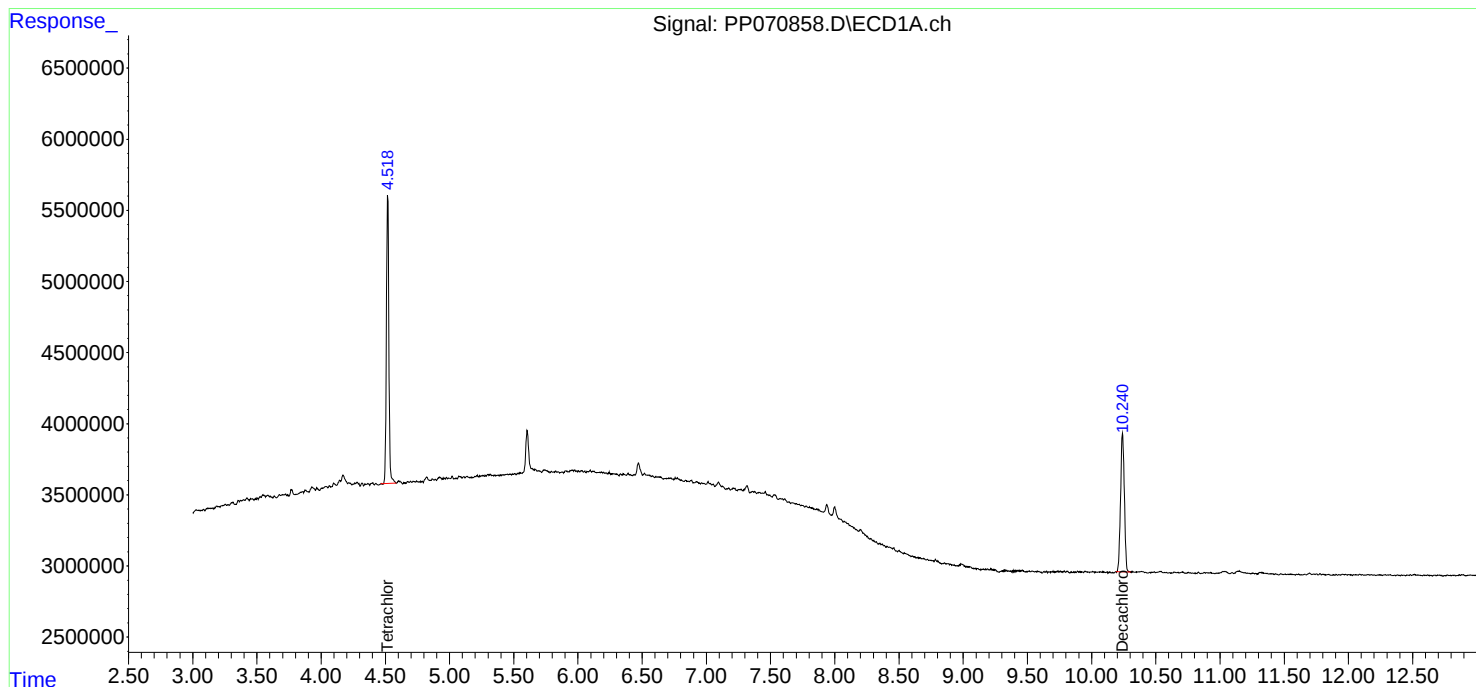
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

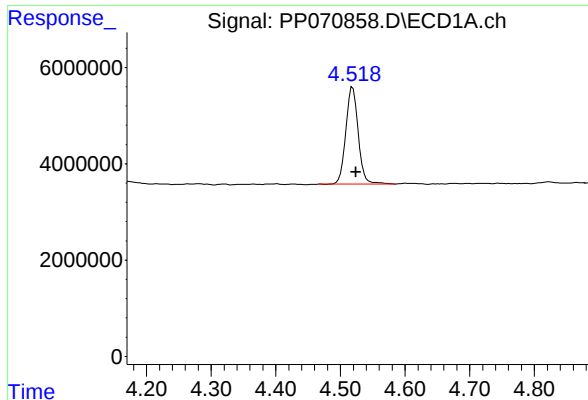
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP032525\  
Data File : PP070858.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Mar 2025 16:00  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 26 02:32:47 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 19 05:25:31 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

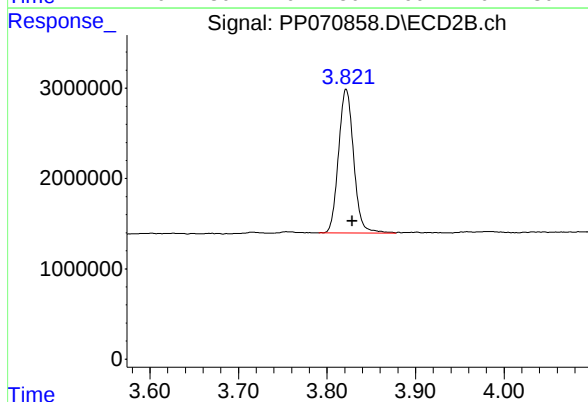




## #1 Tetrachloro-m-xylene

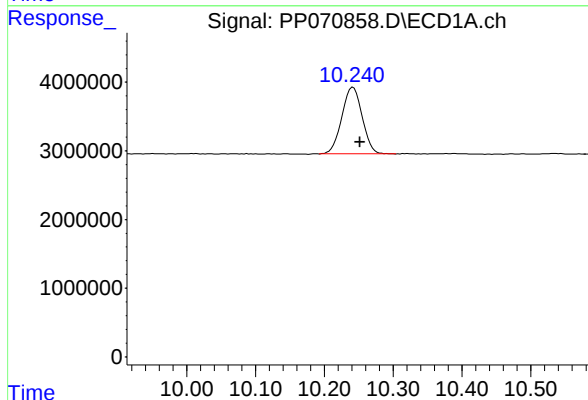
R.T.: 4.519 min  
Delta R.T.: -0.005 min  
Response: 26820324  
Conc: 17.24 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



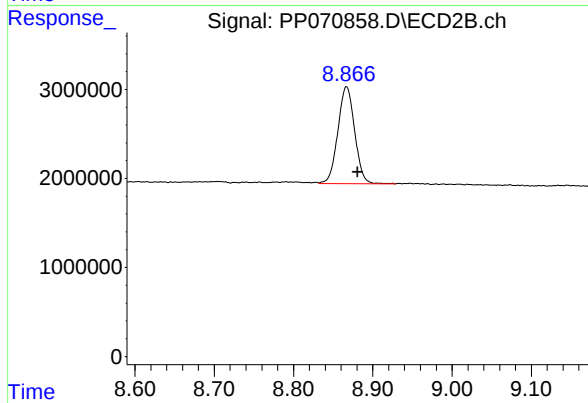
## #1 Tetrachloro-m-xylene

R.T.: 3.822 min  
Delta R.T.: -0.007 min  
Response: 18869814  
Conc: 18.83 ng/ml



## #2 Decachlorobiphenyl

R.T.: 10.242 min  
Delta R.T.: -0.010 min  
Response: 19899655  
Conc: 18.73 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.867 min  
Delta R.T.: -0.014 min  
Response: 15987825  
Conc: 16.34 ng/ml

## Report of Analysis

|                    |                                    |                    |       |
|--------------------|------------------------------------|--------------------|-------|
| Client:            | Walsh Construction Company II, LLC | Date Collected:    |       |
| Project:           | Walsh CO-032 Sampling              | Date Received:     |       |
| Client Sample ID:  | PB167271BS                         | SDG No.:           | Q1626 |
| Lab Sample ID:     | PB167271BS                         | Matrix:            | SOIL  |
| Analytical Method: | SW8082A                            | % Solid:           | 100   |
| Sample Wt/Vol:     | 30.01                              | Units:             | g     |
| Soil Aliquot Vol:  |                                    |                    | uL    |
| Extraction Type:   |                                    | Test:              | PCB   |
| GPC Factor :       | 1.0                                | Injection Volume : |       |
| Prep Method :      | SW3541B                            |                    |       |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PP070830.D        | 1         | 03/24/25 08:50 | 03/24/25 14:05 | PB167271      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 12674-11-2        | Aroclor-1016         | 170   |           | 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         | 166   |           | 3.20     | 17.0       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 24.0  |           | 32 - 144 | 120%       | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 22.4  |           | 32 - 175 | 112%       | 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\PP032425\  
 Data File : PP070830.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Mar 2025 14:05  
 Operator : YP\AJ  
 Sample : PB167271BS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

**Instrument :**

ECD\_P

**ClientSampleId :**

PB167271BS

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 03/25/2025

Supervised By :mohammad ahmed 03/26/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 24 14:43:29 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Mar 19 05:25:31 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...          | 4.521  | 3.822 | 32937635 | 24068625 | 21.177   | 24.014  |
| 2) SA Decachlor...          | 10.244 | 8.868 | 23824734 | 19157876 | 22.427   | 19.582  |
| Target Compounds            |        |       |          |          |          |         |
| 3) L1 AR-1016-1             | 5.673  | 4.909 | 23475871 | 18806982 | 452.755  | 523.106 |
| 4) L1 AR-1016-2             | 5.695  | 4.928 | 35337694 | 26632027 | 493.924  | 512.483 |
| 5) L1 AR-1016-3             | 5.757  | 5.105 | 21027473 | 14531666 | 461.757  | 510.718 |
| 6) L1 AR-1016-4             | 5.855  | 5.146 | 17644949 | 11427120 | 451.997  | 510.369 |
| 7) L1 AR-1016-5             | 6.147  | 5.361 | 15609088 | 14673545 | 450.843  | 493.745 |
| 31) L7 AR-1260-1            | 7.265  | 6.398 | 31919911 | 24384818 | 543.427m | 489.809 |
| 32) L7 AR-1260-2            | 7.519  | 6.586 | 46790130 | 31510099 | 570.312m | 476.794 |
| 33) L7 AR-1260-3            | 7.878  | 6.739 | 31228245 | 27160975 | 474.899m | 474.864 |
| 34) L7 AR-1260-4            | 8.102  | 7.211 | 29225661 | 20577657 | 447.267m | 402.194 |
| 35) L7 AR-1260-5            | 8.424  | 7.452 | 62688636 | 51739344 | 458.661  | 401.749 |
| -----                       |        |       |          |          |          |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP032425\  
Data File : PP070830.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Mar 2025 14:05  
Operator : YP\AJ  
Sample : PB167271BS  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

## Instrument :

ECD\_P

## ClientSampleId :

PB167271BS

## Manual Integrations

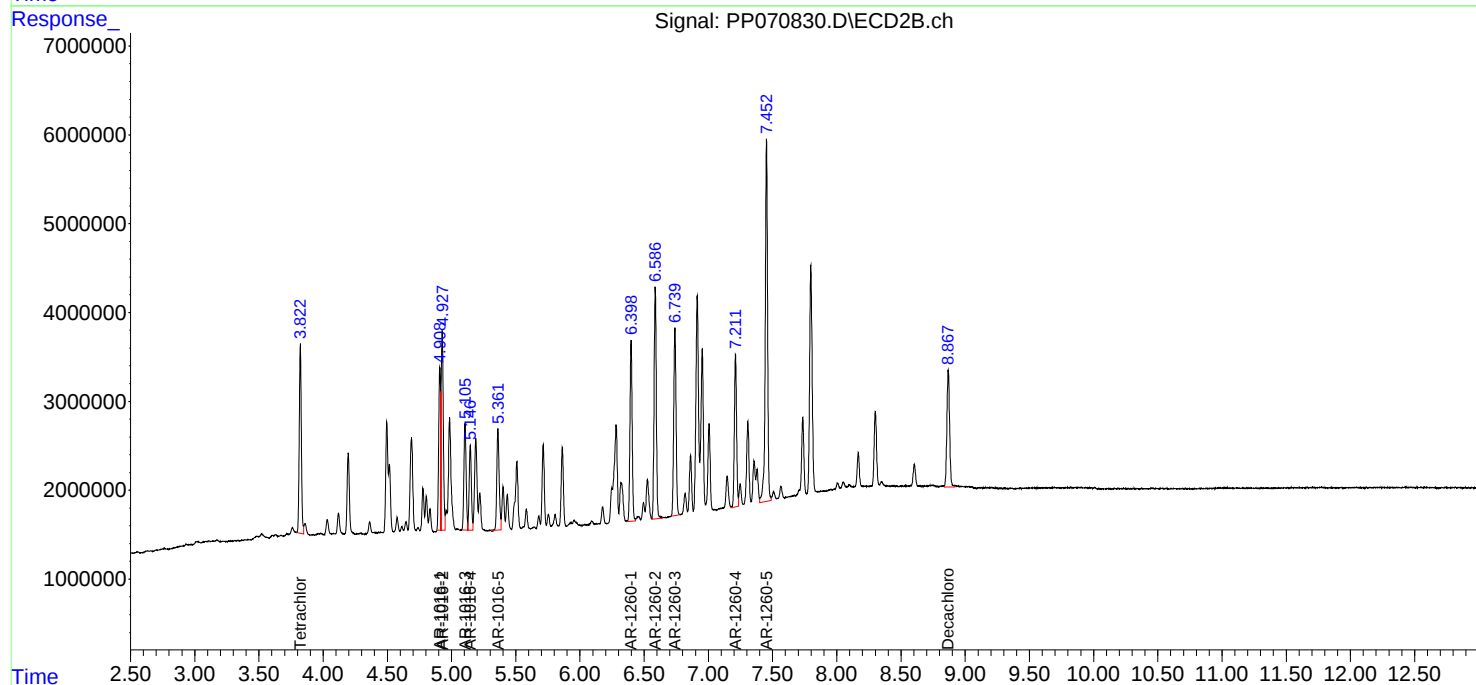
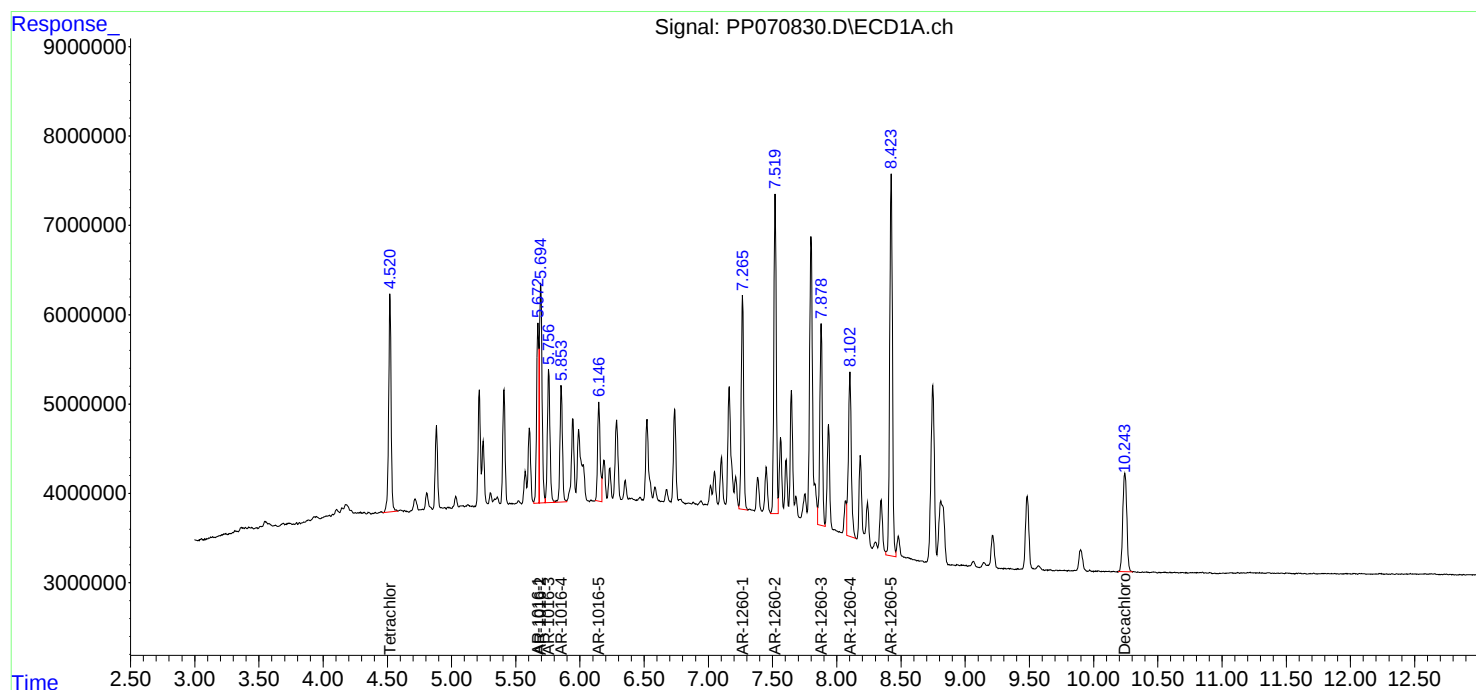
## APPROVED

Reviewed By :Yogesh Patel 03/25/2025

Supervised By :mohammad ahmed 03/26/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 24 14:43:29 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 19 05:25:31 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:            | Walsh Construction Company II, LLC | Date Collected:    | 03/21/25      |
| Project:           | Walsh CO-032 Sampling              | Date Received:     | 03/21/25      |
| Client Sample ID:  | OK-01-03212025MS                   | SDG No.:           | Q1626         |
| Lab Sample ID:     | Q1624-01MS                         | Matrix:            | SOIL          |
| Analytical Method: | SW8082A                            | % Solid:           | 86.8          |
| 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 |
| PP070832.D        | 1         | 03/24/25 08:50 | 03/24/25 14:37 | PB167271      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 12674-11-2        | Aroclor-1016         | 203   |           | 4.50     | 19.6       | ug/kg             |
| 11104-28-2        | Aroclor-1221         | 4.60  | U         | 4.60     | 19.6       | ug/kg             |
| 11141-16-5        | Aroclor-1232         | 4.30  | U         | 4.30     | 19.6       | ug/kg             |
| 53469-21-9        | Aroclor-1242         | 4.60  | U         | 4.60     | 19.6       | ug/kg             |
| 12672-29-6        | Aroclor-1248         | 6.80  | U         | 6.80     | 19.6       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 3.70  | U         | 3.70     | 19.6       | ug/kg             |
| 37324-23-5        | Aroclor-1262         | 5.80  | U         | 5.80     | 19.6       | ug/kg             |
| 11100-14-4        | Aroclor-1268         | 4.10  | U         | 4.10     | 19.6       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 200   |           | 3.70     | 19.6       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 23.8  |           | 32 - 144 | 119%       | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 20.7  |           | 32 - 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\PP032425\  
 Data File : PP070832.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Mar 2025 14:37  
 Operator : YP\AJ  
 Sample : Q1624-01MS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

**Instrument :**

ECD\_P

**ClientSampleId :**

OK-01-03212025MS

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 03/25/2025

Supervised By :mohammad ahmed 03/26/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 24 15:05:51 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Mar 19 05:25:31 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...          | 4.518  | 3.822 | 35188934 | 23895780 | 22.624   | 23.841   |
| 2) SA Decachlor...          | 10.240 | 8.867 | 22026501 | 14576877 | 20.734   | 14.899 # |
| Target Compounds            |        |       |          |          |          |          |
| 3) L1 AR-1016-1             | 5.670  | 4.908 | 26023204 | 19387443 | 501.882  | 539.251  |
| 4) L1 AR-1016-2             | 5.692  | 4.927 | 37877650 | 27422367 | 529.425  | 527.691  |
| 5) L1 AR-1016-3             | 5.754  | 5.104 | 22785594 | 15009667 | 500.365  | 527.518  |
| 6) L1 AR-1016-4             | 5.851  | 5.146 | 21026379 | 11995452 | 538.616  | 535.753  |
| 7) L1 AR-1016-5             | 6.143  | 5.361 | 15381572 | 15155405 | 444.271m | 509.959  |
| 31) L7 AR-1260-1            | 7.262  | 6.397 | 32998900 | 25123837 | 561.796m | 504.653  |
| 32) L7 AR-1260-2            | 7.516  | 6.586 | 48403974 | 31585737 | 589.983m | 477.938  |
| 33) L7 AR-1260-3            | 7.874  | 6.739 | 31933846 | 27140656 | 485.629m | 474.509  |
| 34) L7 AR-1260-4            | 8.098  | 7.211 | 32846952 | 19756169 | 502.687m | 386.138  |
| 35) L7 AR-1260-5            | 8.421  | 7.452 | 64036166 | 49586160 | 468.520  | 385.030  |
| -----                       |        |       |          |          |          |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP032425\  
Data File : PP070832.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Mar 2025 14:37  
Operator : YP\AJ  
Sample : Q1624-01MS  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

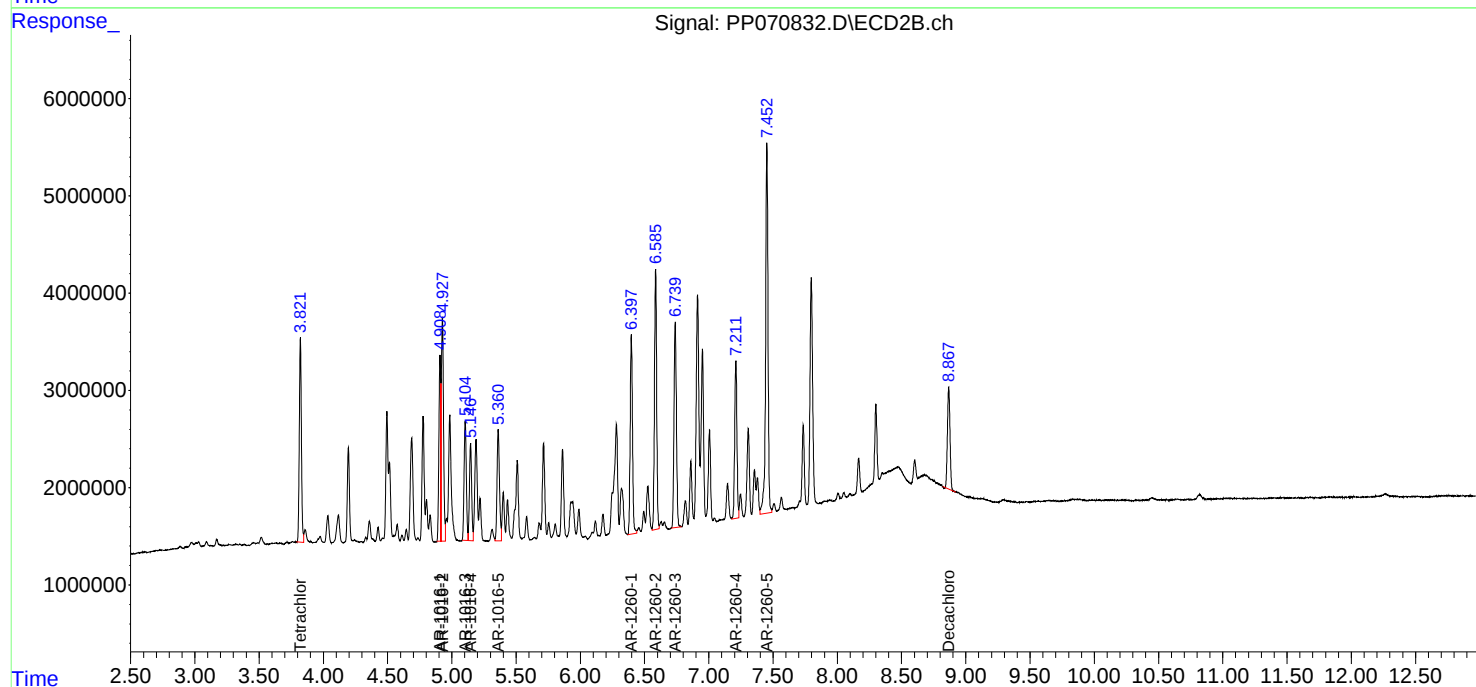
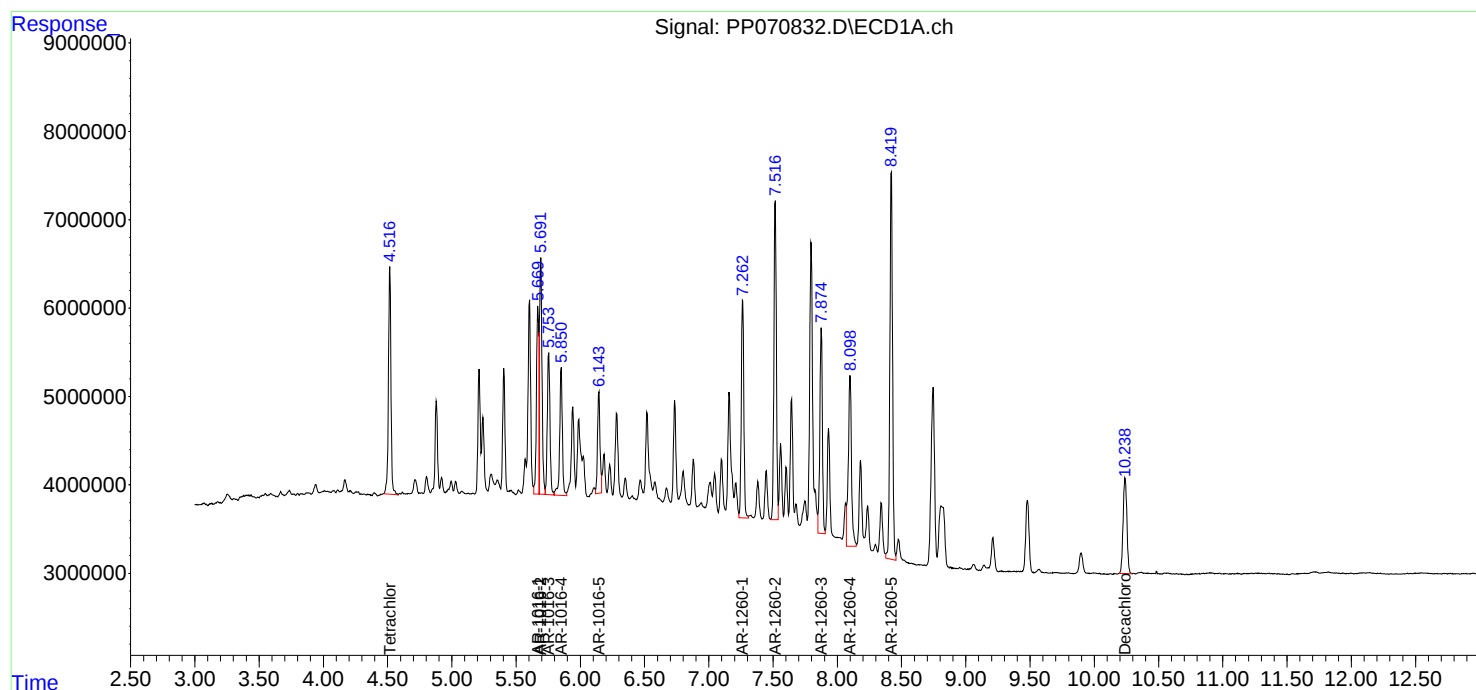
Instrument :  
ECD\_P  
ClientSampleId :  
OK-01-03212025MS

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 03/25/2025  
Supervised By :mohammad ahmed 03/26/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 24 15:05:51 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 19 05:25:31 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:            | Walsh Construction Company II, LLC | Date Collected:    | 03/21/25 |
| Project:           | Walsh CO-032 Sampling              | Date Received:     | 03/21/25 |
| Client Sample ID:  | OK-01-03212025MSD                  | SDG No.:           | Q1626    |
| Lab Sample ID:     | Q1624-01MSD                        | Matrix:            | SOIL     |
| Analytical Method: | SW8082A                            | % Solid:           | 86.8     |
| Sample Wt/Vol:     | 30.06 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 |
| PP070833.D        | 1         | 03/24/25 08:50 | 03/24/25 14:54 | PB167271      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 12674-11-2        | Aroclor-1016         | 199   |           | 4.50     | 19.5       | ug/kg             |
| 11104-28-2        | Aroclor-1221         | 4.60  | U         | 4.60     | 19.5       | ug/kg             |
| 11141-16-5        | Aroclor-1232         | 4.30  | U         | 4.30     | 19.5       | ug/kg             |
| 53469-21-9        | Aroclor-1242         | 4.60  | U         | 4.60     | 19.5       | ug/kg             |
| 12672-29-6        | Aroclor-1248         | 6.80  | U         | 6.80     | 19.5       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 3.70  | U         | 3.70     | 19.5       | ug/kg             |
| 37324-23-5        | Aroclor-1262         | 5.80  | U         | 5.80     | 19.5       | ug/kg             |
| 11100-14-4        | Aroclor-1268         | 4.10  | U         | 4.10     | 19.5       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 193   |           | 3.70     | 19.5       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 24.3  |           | 32 - 144 | 122%       | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 19.6  |           | 32 - 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\PP032425\  
 Data File : PP070833.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Mar 2025 14:54  
 Operator : YP\AJ  
 Sample : Q1624-01MSD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

**Instrument :**

ECD\_P

**ClientSampleId :**

OK-01-03212025MSD

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 03/25/2025

Supervised By :mohammad ahmed 03/26/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 24 15:06:32 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Mar 19 05:25:31 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...          | 4.520  | 3.821 | 33537138 | 24368682 | 21.562   | 24.313    |
| 2) SA Decachlor...          | 10.241 | 8.867 | 20872614 | 16887581 | 19.648   | 17.261    |
| Target Compounds            |        |       |          |          |          |           |
| 3) L1 AR-1016-1             | 5.672  | 4.907 | 24151845 | 18404396 | 465.791  | 511.908m  |
| 4) L1 AR-1016-2             | 5.694  | 4.926 | 35708337 | 26894459 | 499.104  | 517.533   |
| 5) L1 AR-1016-3             | 5.756  | 5.103 | 21169955 | 14924372 | 464.886  | 524.520   |
| 6) L1 AR-1016-4             | 5.853  | 5.145 | 19236852 | 11921972 | 492.775  | 532.471   |
| 7) L1 AR-1016-5             | 6.145  | 5.359 | 14982256 | 14967557 | 432.738m | 503.638   |
| 31) L7 AR-1260-1            | 7.264  | 6.396 | 31477330 | 24073374 | 535.892m | 483.553   |
| 32) L7 AR-1260-2            | 7.518  | 6.584 | 47575824 | 30019763 | 579.889m | 454.243   |
| 33) L7 AR-1260-3            | 7.877  | 6.737 | 29560514 | 26093889 | 449.537m | 456.208   |
| 34) L7 AR-1260-4            | 8.102  | 7.210 | 33425602 | 19102346 | 511.542  | 373.359 # |
| 35) L7 AR-1260-5            | 8.423  | 7.451 | 60588380 | 47514543 | 443.294  | 368.944   |
| -----                       |        |       |          |          |          |           |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP032425\  
Data File : PP070833.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Mar 2025 14:54  
Operator : YP\AJ  
Sample : Q1624-01MSD  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

## Instrument :

ECD\_P

## ClientSampleId :

OK-01-03212025MSD

## Manual Integrations

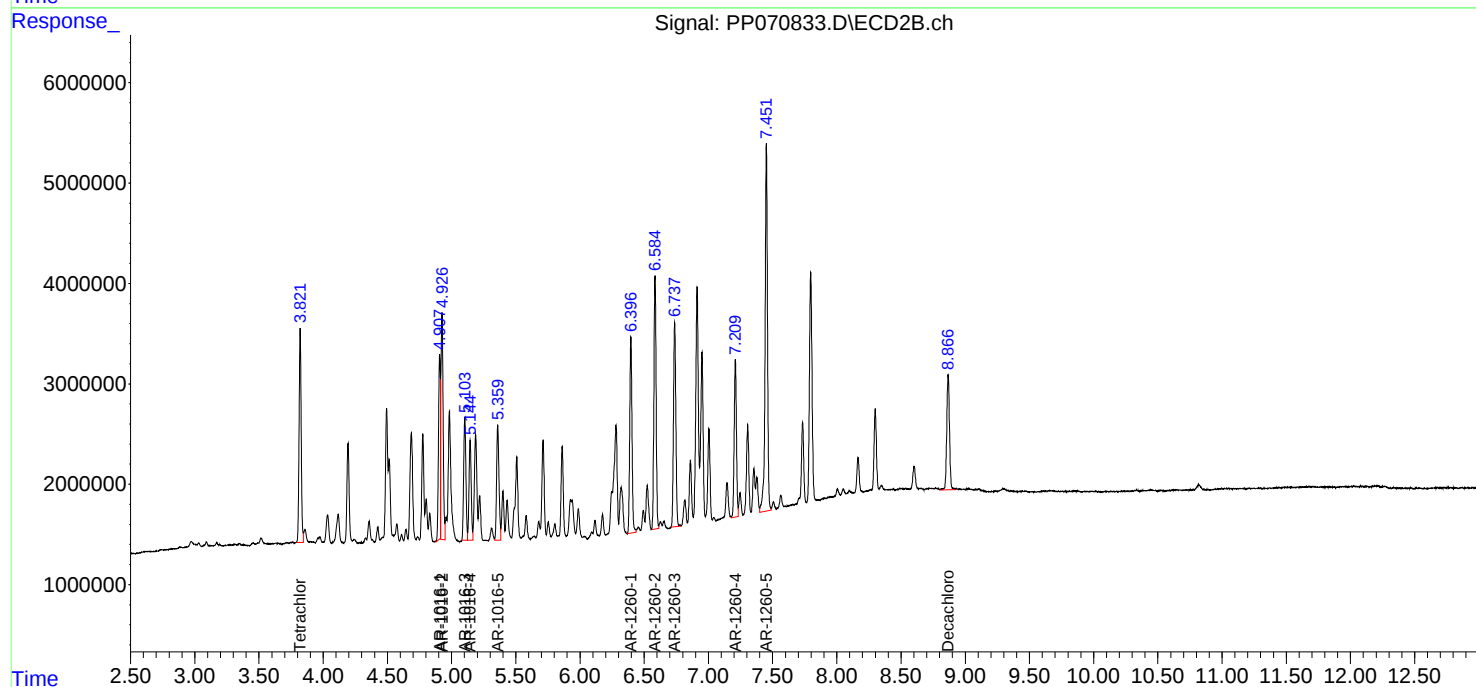
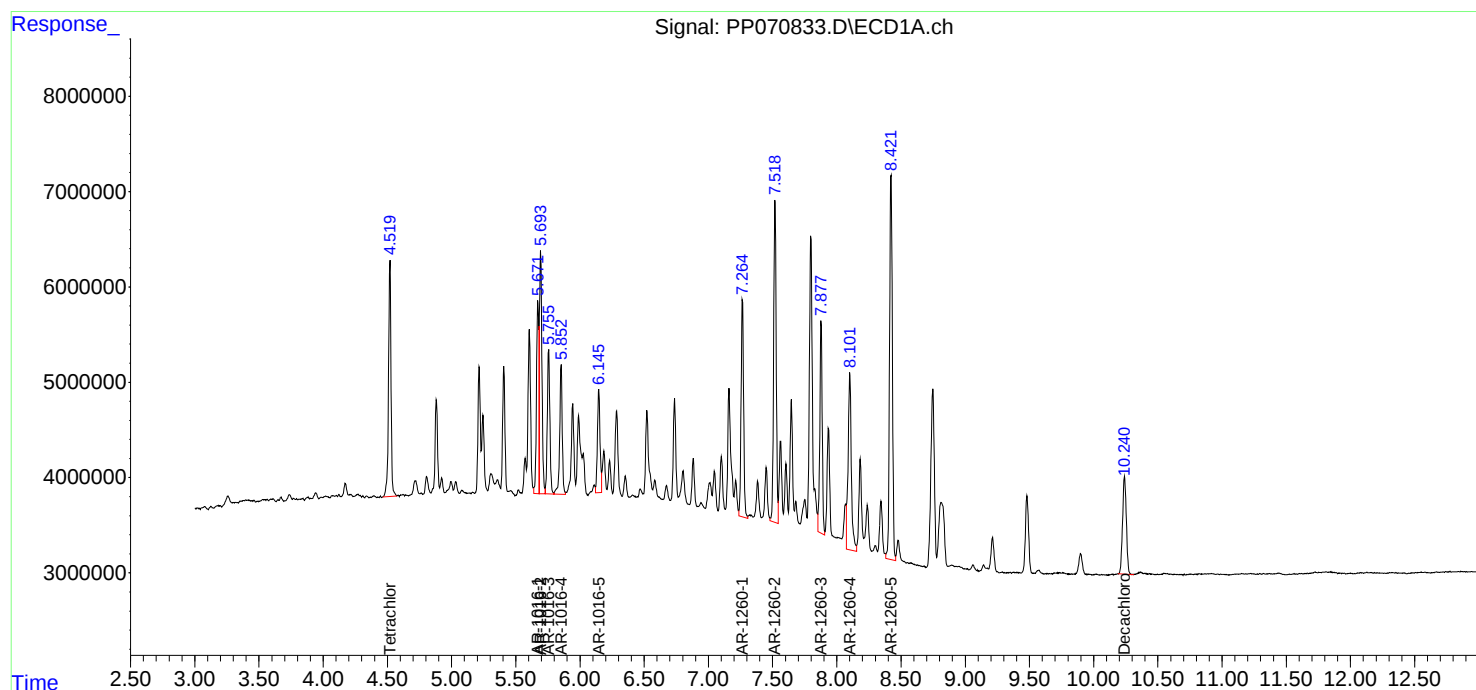
## APPROVED

Reviewed By :Yogesh Patel 03/25/2025

Supervised By :mohammad ahmed 03/26/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 24 15:06:32 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP031125.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Mar 19 05:25:31 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



## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | pp031125 | Instrument | ECD_p |
|-----------|----------|------------|-------|

| Sample ID    | File ID    | Parameter             | Review By | Review On            | Supervised By | Supervised On      | Reason                      |
|--------------|------------|-----------------------|-----------|----------------------|---------------|--------------------|-----------------------------|
| AR1660ICC250 | PP070422.D | Decachlorobiphenyl #2 | yogesh    | 3/12/2025 7:57:06 AM | Ankita        | 3/12/2025 10:45:04 | Peak Integrated by Software |
| AR1660ICC050 | PP070423.D | AR-1016-1             | yogesh    | 3/12/2025 7:57:07 AM | Ankita        | 3/12/2025 10:45:06 | Peak Integrated by Software |
| AR1660ICC050 | PP070423.D | AR-1016-2             | yogesh    | 3/12/2025 7:57:07 AM | Ankita        | 3/12/2025 10:45:06 | Peak Integrated by Software |
| AR1660ICC050 | PP070423.D | AR-1016-3             | yogesh    | 3/12/2025 7:57:07 AM | Ankita        | 3/12/2025 10:45:06 | Peak Integrated by Software |
| AR1660ICC050 | PP070423.D | AR-1016-4             | yogesh    | 3/12/2025 7:57:07 AM | Ankita        | 3/12/2025 10:45:06 | Peak Integrated by Software |
| AR1660ICC050 | PP070423.D | AR-1260-4 #2          | yogesh    | 3/12/2025 7:57:07 AM | Ankita        | 3/12/2025 10:45:06 | Peak Integrated by Software |
| AR1660ICC050 | PP070423.D | AR-1260-5 #2          | yogesh    | 3/12/2025 7:57:07 AM | Ankita        | 3/12/2025 10:45:06 | Peak Integrated by Software |
| AR1232ICC250 | PP070428.D | AR-1232-5             | yogesh    | 3/12/2025 7:57:09 AM | Ankita        | 3/12/2025 10:45:07 | Peak Integrated by Software |
| AR1232ICC050 | PP070429.D | AR-1232-1 #2          | yogesh    | 3/19/2025 6:21:09 AM | mohammad      | 3/19/2025 6:54:14  | Peak Integrated by Software |
| AR1232ICC050 | PP070429.D | AR-1232-2             | yogesh    | 3/19/2025 6:21:09 AM | mohammad      | 3/19/2025 6:54:14  | Peak Integrated by Software |
| AR1232ICC050 | PP070429.D | AR-1232-2 #2          | yogesh    | 3/19/2025 6:21:09 AM | mohammad      | 3/19/2025 6:54:14  | Peak Integrated by Software |
| AR1232ICC050 | PP070429.D | AR-1232-3             | yogesh    | 3/19/2025 6:21:09 AM | mohammad      | 3/19/2025 6:54:14  | Peak Integrated by Software |
| AR1232ICC050 | PP070429.D | AR-1232-4             | yogesh    | 3/19/2025 6:21:09 AM | mohammad      | 3/19/2025 6:54:14  | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | pp031125 | Instrument | ECD_p |
|-----------|----------|------------|-------|

| Sample ID    | File ID    | Parameter    | Review By | Review On            | Supervised By | Supervised On      | Reason                      |
|--------------|------------|--------------|-----------|----------------------|---------------|--------------------|-----------------------------|
| AR1232ICC050 | PP070429.D | AR-1232-5    | yogesh    | 3/19/2025 6:21:09 AM | mohammad      | 3/19/2025 6:54:14  | Peak Integrated by Software |
| AR1232ICC050 | PP070429.D | AR-1232-5 #2 | yogesh    | 3/19/2025 6:21:09 AM | mohammad      | 3/19/2025 6:54:14  | Peak Integrated by Software |
| AR1242ICC050 | PP070434.D | AR-1242-1    | yogesh    | 3/12/2025 7:57:12 AM | Ankita        | 3/12/2025 10:45:18 | Peak Integrated by Software |
| AR1242ICC050 | PP070434.D | AR-1242-1 #2 | yogesh    | 3/12/2025 7:57:12 AM | Ankita        | 3/12/2025 10:45:18 | Peak Integrated by Software |
| AR1242ICC050 | PP070434.D | AR-1242-2    | yogesh    | 3/12/2025 7:57:12 AM | Ankita        | 3/12/2025 10:45:18 | Peak Integrated by Software |
| AR1242ICC050 | PP070434.D | AR-1242-2 #2 | yogesh    | 3/12/2025 7:57:12 AM | Ankita        | 3/12/2025 10:45:18 | Peak Integrated by Software |
| AR1242ICC050 | PP070434.D | AR-1242-3    | yogesh    | 3/12/2025 7:57:12 AM | Ankita        | 3/12/2025 10:45:18 | Peak Integrated by Software |
| AR1242ICC050 | PP070434.D | AR-1242-4    | yogesh    | 3/12/2025 7:57:12 AM | Ankita        | 3/12/2025 10:45:18 | Peak Integrated by Software |
| AR1248ICC050 | PP070439.D | AR-1248-1    | yogesh    | 3/12/2025 7:57:14 AM | Ankita        | 3/12/2025 10:45:19 | Peak Integrated by Software |
| AR1248ICC050 | PP070439.D | AR-1248-2    | yogesh    | 3/12/2025 7:57:14 AM | Ankita        | 3/12/2025 10:45:19 | Peak Integrated by Software |
| AR1268ICC050 | PP070450.D | AR-1268-1 #2 | yogesh    | 3/12/2025 7:57:15 AM | Ankita        | 3/12/2025 10:45:21 | Peak Integrated by Software |
| AR1268ICC050 | PP070450.D | AR-1268-2 #2 | yogesh    | 3/12/2025 7:57:15 AM | Ankita        | 3/12/2025 10:45:21 | Peak Integrated by Software |
| AR1268ICC050 | PP070450.D | AR-1268-3 #2 | yogesh    | 3/12/2025 7:57:15 AM | Ankita        | 3/12/2025 10:45:21 | Peak Integrated by Software |

## Manual Integration Report

Sequence:

pp031125

Instrument

ECD\_p

| Sample ID    | File ID    | Parameter    | Review By | Review On            | Supervised By | Supervised On      | Reason                      |
|--------------|------------|--------------|-----------|----------------------|---------------|--------------------|-----------------------------|
| AR1242CCC500 | PP070465.D | AR-1242-5    | yogesh    | 3/12/2025 7:57:17 AM | Ankita        | 3/12/2025 10:45:22 | Peak Integrated by Software |
| AR1242CCC500 | PP070465.D | AR-1242-5 #2 | yogesh    | 3/12/2025 7:57:17 AM | Ankita        | 3/12/2025 10:45:22 | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | PP032425 | Instrument | ECD_p |
|-----------|----------|------------|-------|

| Sample ID    | File ID    | Parameter | Review By | Review On            | Supervised By | Supervised On     | Reason                      |
|--------------|------------|-----------|-----------|----------------------|---------------|-------------------|-----------------------------|
| AR1660CCC500 | PP070824.D | AR-1260-1 | yogesh    | 3/25/2025 7:42:50 AM | mohammad      | 3/26/2025 9:26:42 | Peak Integrated by Software |
| AR1660CCC500 | PP070824.D | AR-1260-2 | yogesh    | 3/25/2025 7:42:50 AM | mohammad      | 3/26/2025 9:26:42 | Peak Integrated by Software |
| AR1660CCC500 | PP070824.D | AR-1260-3 | yogesh    | 3/25/2025 7:42:50 AM | mohammad      | 3/26/2025 9:26:42 | Peak Integrated by Software |
| AR1242CCC500 | PP070825.D | AR-1242-5 | yogesh    | 3/25/2025 7:42:52 AM | mohammad      | 3/26/2025 9:26:42 | Peak Integrated by Software |
| AR1248CCC500 | PP070826.D | AR-1248-3 | yogesh    | 3/25/2025 7:42:55 AM | mohammad      | 3/26/2025 9:26:42 | Peak Integrated by Software |
| AR1248CCC500 | PP070826.D | AR-1248-4 | yogesh    | 3/25/2025 7:42:55 AM | mohammad      | 3/26/2025 9:26:42 | Peak Integrated by Software |
| AR1248CCC500 | PP070826.D | AR-1248-5 | yogesh    | 3/25/2025 7:42:55 AM | mohammad      | 3/26/2025 9:26:42 | Peak Integrated by Software |
| AR1254CCC500 | PP070827.D | AR-1254-1 | yogesh    | 3/25/2025 7:42:57 AM | mohammad      | 3/26/2025 9:26:42 | Peak Integrated by Software |
| AR1254CCC500 | PP070827.D | AR-1254-2 | yogesh    | 3/25/2025 7:42:57 AM | mohammad      | 3/26/2025 9:26:42 | Peak Integrated by Software |
| AR1254CCC500 | PP070827.D | AR-1254-3 | yogesh    | 3/25/2025 7:42:57 AM | mohammad      | 3/26/2025 9:26:42 | Peak Integrated by Software |
| AR1254CCC500 | PP070827.D | AR-1254-4 | yogesh    | 3/25/2025 7:42:57 AM | mohammad      | 3/26/2025 9:26:42 | Peak Integrated by Software |
| AR1254CCC500 | PP070827.D | AR-1254-5 | yogesh    | 3/25/2025 7:42:57 AM | mohammad      | 3/26/2025 9:26:42 | Peak Integrated by Software |
| PB167271BS   | PP070830.D | AR-1260-1 | yogesh    | 3/25/2025 7:42:58 AM | mohammad      | 3/26/2025 9:26:42 | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | PP032425 | Instrument | ECD_p |
|-----------|----------|------------|-------|

| Sample ID   | File ID    | Parameter | Review By | Review On            | Supervised By | Supervised On     | Reason                      |
|-------------|------------|-----------|-----------|----------------------|---------------|-------------------|-----------------------------|
| PB167271BS  | PP070830.D | AR-1260-2 | yogesh    | 3/25/2025 7:42:58 AM | mohammad      | 3/26/2025 9:26:42 | Peak Integrated by Software |
| PB167271BS  | PP070830.D | AR-1260-3 | yogesh    | 3/25/2025 7:42:58 AM | mohammad      | 3/26/2025 9:26:42 | Peak Integrated by Software |
| PB167271BS  | PP070830.D | AR-1260-4 | yogesh    | 3/25/2025 7:42:58 AM | mohammad      | 3/26/2025 9:26:42 | Peak Integrated by Software |
| Q1624-01MS  | PP070832.D | AR-1016-5 | yogesh    | 3/25/2025 7:43:00 AM | mohammad      | 3/26/2025 9:26:42 | Peak Integrated by Software |
| Q1624-01MS  | PP070832.D | AR-1260-1 | yogesh    | 3/25/2025 7:43:00 AM | mohammad      | 3/26/2025 9:26:42 | Peak Integrated by Software |
| Q1624-01MS  | PP070832.D | AR-1260-2 | yogesh    | 3/25/2025 7:43:00 AM | mohammad      | 3/26/2025 9:26:42 | Peak Integrated by Software |
| Q1624-01MS  | PP070832.D | AR-1260-3 | yogesh    | 3/25/2025 7:43:00 AM | mohammad      | 3/26/2025 9:26:42 | Peak Integrated by Software |
| Q1624-01MS  | PP070832.D | AR-1260-4 | yogesh    | 3/25/2025 7:43:00 AM | mohammad      | 3/26/2025 9:26:42 | Peak Integrated by Software |
| Q1624-01MSD | PP070833.D | AR-1016-5 | yogesh    | 3/25/2025 7:43:02 AM | mohammad      | 3/26/2025 9:26:42 | Peak Integrated by Software |
| Q1624-01MSD | PP070833.D | AR-1260-1 | yogesh    | 3/25/2025 7:43:02 AM | mohammad      | 3/26/2025 9:26:42 | Peak Integrated by Software |
| Q1624-01MSD | PP070833.D | AR-1260-2 | yogesh    | 3/25/2025 7:43:02 AM | mohammad      | 3/26/2025 9:26:42 | Peak Integrated by Software |
| Q1624-01MSD | PP070833.D | AR-1260-3 | yogesh    | 3/25/2025 7:43:02 AM | mohammad      | 3/26/2025 9:26:42 | Peak Integrated by Software |
| Q1626-01    | PP070834.D | AR-1260-1 | yogesh    | 3/25/2025 7:43:04 AM | mohammad      | 3/26/2025 9:26:42 | Peak Integrated by Software |

## Manual Integration Report

Sequence:

PP032425

Instrument

ECD\_p

| Sample ID    | File ID    | Parameter            | Review By | Review On            | Supervised By | Supervised On     | Reason                      |
|--------------|------------|----------------------|-----------|----------------------|---------------|-------------------|-----------------------------|
| Q1626-01     | PP070834.D | AR-1260-2            | yogesh    | 3/25/2025 7:43:04 AM | mohammad      | 3/26/2025 9:26:42 | Peak Integrated by Software |
| Q1626-01     | PP070834.D | AR-1260-3            | yogesh    | 3/25/2025 7:43:04 AM | mohammad      | 3/26/2025 9:26:42 | Peak Integrated by Software |
| Q1626-01     | PP070834.D | AR-1260-3 #2         | yogesh    | 3/25/2025 7:43:04 AM | mohammad      | 3/26/2025 9:26:42 | Peak Integrated by Software |
| Q1626-01     | PP070834.D | AR-1260-4            | yogesh    | 3/25/2025 7:43:04 AM | mohammad      | 3/26/2025 9:26:42 | Peak Integrated by Software |
| Q1626-01     | PP070834.D | Tetrachloro-m-xylene | yogesh    | 3/25/2025 7:43:04 AM | mohammad      | 3/26/2025 9:26:42 | Peak Integrated by Software |
| AR1660CCC500 | PP070835.D | AR-1260-1            | yogesh    | 3/25/2025 7:43:06 AM | mohammad      | 3/26/2025 9:26:42 | Peak Integrated by Software |
| AR1660CCC500 | PP070835.D | AR-1260-2            | yogesh    | 3/25/2025 7:43:06 AM | mohammad      | 3/26/2025 9:26:42 | Peak Integrated by Software |
| AR1660CCC500 | PP070835.D | AR-1260-3            | yogesh    | 3/25/2025 7:43:06 AM | mohammad      | 3/26/2025 9:26:42 | Peak Integrated by Software |
| AR1660CCC500 | PP070835.D | AR-1260-4            | yogesh    | 3/25/2025 7:43:06 AM | mohammad      | 3/26/2025 9:26:42 | Peak Integrated by Software |
| AR1254CCC500 | PP070838.D | AR-1254-1            | yogesh    | 3/25/2025 7:43:08 AM | mohammad      | 3/26/2025 9:26:42 | Peak Integrated by Software |
| AR1254CCC500 | PP070838.D | AR-1254-2            | yogesh    | 3/25/2025 7:43:08 AM | mohammad      | 3/26/2025 9:26:42 | Peak Integrated by Software |
| AR1254CCC500 | PP070838.D | AR-1254-3            | yogesh    | 3/25/2025 7:43:08 AM | mohammad      | 3/26/2025 9:26:42 | Peak Integrated by Software |
| AR1254CCC500 | PP070838.D | AR-1254-4            | yogesh    | 3/25/2025 7:43:08 AM | mohammad      | 3/26/2025 9:26:42 | Peak Integrated by Software |



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

## Manual Integration Report

Sequence:

PP032425

Instrument

ECD\_p

| Sample ID    | File ID    | Parameter | Review By | Review On            | Supervised By | Supervised On     | Reason                      |
|--------------|------------|-----------|-----------|----------------------|---------------|-------------------|-----------------------------|
| AR1254CCC500 | PP070838.D | AR-1254-5 | yogesh    | 3/25/2025 7:43:08 AM | mohammad      | 3/26/2025 9:26:42 | Peak Integrated by Software |

## Manual Integration Report

Sequence:

Pp032525

Instrument

ECD\_p

| Sample ID    | File ID    | Parameter    | Review By | Review On            | Supervised By | Supervised On | Reason                      |
|--------------|------------|--------------|-----------|----------------------|---------------|---------------|-----------------------------|
| AR1660CCC500 | PP070841.D | AR-1016-5    | yogesh    | 3/25/2025 1:46:36 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| AR1660CCC500 | PP070841.D | AR-1016-5 #2 | yogesh    | 3/25/2025 1:46:36 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| AR1660CCC500 | PP070841.D | AR-1260-1    | yogesh    | 3/25/2025 1:46:36 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| AR1660CCC500 | PP070841.D | AR-1260-1 #2 | yogesh    | 3/25/2025 1:46:36 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| AR1660CCC500 | PP070841.D | AR-1260-2    | yogesh    | 3/25/2025 1:46:36 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| AR1660CCC500 | PP070841.D | AR-1260-2 #2 | yogesh    | 3/25/2025 1:46:36 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| AR1660CCC500 | PP070841.D | AR-1260-3    | yogesh    | 3/25/2025 1:46:36 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| AR1660CCC500 | PP070841.D | AR-1260-4    | yogesh    | 3/25/2025 1:46:36 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| AR1242CCC500 | PP070842.D | AR-1242-1 #2 | yogesh    | 3/25/2025 1:46:37 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| AR1242CCC500 | PP070842.D | AR-1242-2 #2 | yogesh    | 3/25/2025 1:46:37 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| AR1242CCC500 | PP070842.D | AR-1242-3 #2 | yogesh    | 3/25/2025 1:46:37 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| AR1254CCC500 | PP070844.D | AR-1254-2    | yogesh    | 3/25/2025 1:46:39 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| AR1254CCC500 | PP070844.D | AR-1254-3    | yogesh    | 3/25/2025 1:46:39 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |

## Manual Integration Report

Sequence:

Pp032525

Instrument

ECD\_p

| Sample ID    | File ID    | Parameter            | Review By | Review On            | Supervised By | Supervised On | Reason                      |
|--------------|------------|----------------------|-----------|----------------------|---------------|---------------|-----------------------------|
| AR1254CCC500 | PP070844.D | AR-1254-4            | yogesh    | 3/25/2025 1:46:39 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| AR1254CCC500 | PP070844.D | AR-1254-5            | yogesh    | 3/25/2025 1:46:39 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1626-01DL   | PP070846.D | AR-1254-1            | yogesh    | 3/25/2025 1:46:41 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1626-01DL   | PP070846.D | AR-1254-2            | yogesh    | 3/25/2025 1:46:41 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1626-01DL   | PP070846.D | AR-1254-3            | yogesh    | 3/25/2025 1:46:41 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1626-01DL   | PP070846.D | AR-1254-4            | yogesh    | 3/25/2025 1:46:41 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1626-01DL   | PP070846.D | AR-1254-5            | yogesh    | 3/25/2025 1:46:41 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1626-01DL   | PP070846.D | AR-1260-1            | yogesh    | 3/25/2025 1:46:41 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1626-01DL   | PP070846.D | AR-1260-2            | yogesh    | 3/25/2025 1:46:41 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1626-01DL   | PP070846.D | AR-1260-3            | yogesh    | 3/25/2025 1:46:41 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1626-01DL   | PP070846.D | AR-1260-4            | yogesh    | 3/25/2025 1:46:41 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q1626-01DL   | PP070846.D | Tetrachloro-m-xylene | yogesh    | 3/25/2025 1:46:41 PM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| AR1660CCC500 | PP070854.D | AR-1260-1            | yogesh    | 3/26/2025 8:20:31 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |

## Manual Integration Report

Sequence:

Pp032525

Instrument

ECD\_p

| Sample ID    | File ID    | Parameter               | Review By | Review On            | Supervised By | Supervised On | Reason                      |
|--------------|------------|-------------------------|-----------|----------------------|---------------|---------------|-----------------------------|
| AR1660CCC500 | PP070854.D | AR-1260-2               | yogesh    | 3/26/2025 8:20:31 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| AR1660CCC500 | PP070854.D | AR-1260-3               | yogesh    | 3/26/2025 8:20:31 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| AR1660CCC500 | PP070854.D | AR-1260-4               | yogesh    | 3/26/2025 8:20:31 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| AR1242CCC500 | PP070855.D | Tetrachloro-m-xylene #2 | yogesh    | 3/26/2025 8:20:33 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| AR1254CCC500 | PP070857.D | AR-1254-4               | yogesh    | 3/26/2025 8:20:34 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| AR1254CCC500 | PP070857.D | AR-1254-5               | yogesh    | 3/26/2025 8:20:34 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| AR1660CCC500 | PP070864.D | AR-1260-1               | yogesh    | 3/26/2025 8:29:13 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| AR1660CCC500 | PP070864.D | AR-1260-2               | yogesh    | 3/26/2025 8:29:13 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| AR1660CCC500 | PP070864.D | AR-1260-3               | yogesh    | 3/26/2025 8:29:13 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| AR1660CCC500 | PP070864.D | AR-1260-4               | yogesh    | 3/26/2025 8:29:13 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| AR1248CCC500 | PP070866.D | AR-1248-3               | yogesh    | 3/26/2025 8:29:15 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| AR1254CCC500 | PP070867.D | AR-1254-3               | yogesh    | 3/26/2025 8:29:17 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| AR1254CCC500 | PP070867.D | AR-1254-4               | yogesh    | 3/26/2025 8:29:17 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | Pp032525 | Instrument | ECD_p |
|-----------|----------|------------|-------|

| Sample ID    | File ID    | Parameter    | Review By | Review On            | Supervised By | Supervised On | Reason                      |
|--------------|------------|--------------|-----------|----------------------|---------------|---------------|-----------------------------|
| AR1254CCC500 | PP070867.D | AR-1254-5    | yogesh    | 3/26/2025 8:29:17 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| AR1660CCC500 | PP070875.D | AR-1016-5    | yogesh    | 3/26/2025 8:29:27 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| AR1660CCC500 | PP070875.D | AR-1016-5 #2 | yogesh    | 3/26/2025 8:29:27 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| AR1660CCC500 | PP070875.D | AR-1260-1    | yogesh    | 3/26/2025 8:29:27 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| AR1660CCC500 | PP070875.D | AR-1260-2    | yogesh    | 3/26/2025 8:29:27 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| AR1660CCC500 | PP070875.D | AR-1260-3    | yogesh    | 3/26/2025 8:29:27 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| AR1660CCC500 | PP070875.D | AR-1260-4    | yogesh    | 3/26/2025 8:29:27 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| AR1242CCC500 | PP070876.D | AR-1242-1 #2 | yogesh    | 3/26/2025 8:29:29 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| AR1242CCC500 | PP070876.D | AR-1242-2 #2 | yogesh    | 3/26/2025 8:29:29 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| AR1242CCC500 | PP070876.D | AR-1242-3 #2 | yogesh    | 3/26/2025 8:29:29 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| AR1242CCC500 | PP070876.D | AR-1242-4 #2 | yogesh    | 3/26/2025 8:29:29 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| AR1242CCC500 | PP070876.D | AR-1242-5    | yogesh    | 3/26/2025 8:29:29 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| AR1242CCC500 | PP070876.D | AR-1242-5 #2 | yogesh    | 3/26/2025 8:29:29 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |

## Manual Integration Report

Sequence:

Pp032525

Instrument

ECD\_p

| Sample ID    | File ID    | Parameter          | Review By | Review On            | Supervised By | Supervised On | Reason                      |
|--------------|------------|--------------------|-----------|----------------------|---------------|---------------|-----------------------------|
| AR1248CCC500 | PP070877.D | AR-1248-3          | yogesh    | 3/26/2025 8:29:31 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| AR1254CCC500 | PP070878.D | AR-1254-2          | yogesh    | 3/26/2025 8:29:33 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| AR1254CCC500 | PP070878.D | AR-1254-3          | yogesh    | 3/26/2025 8:29:33 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| AR1254CCC500 | PP070878.D | AR-1254-4          | yogesh    | 3/26/2025 8:29:33 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| AR1254CCC500 | PP070878.D | AR-1254-5          | yogesh    | 3/26/2025 8:29:33 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| AR1254CCC500 | PP070878.D | Decachlorobiphenyl | yogesh    | 3/26/2025 8:29:33 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP031125**

|                          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                                                                                                                                                                                                                                                          | Review On         | 3/12/2025 7:57:33 AM          |
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                        | Supervise On      | 3/19/2025 6:54:29 AM          |
| SubDirectory             | PP031125                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PP031125 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |                   |                               |
| CCC                      | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773                                                                                                                                                                                                                                                                 |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| ICV/I.BLK                | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947                                                                                                                                                                                                                                                                 |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |                   |                               |

| Sr# | SampleId      | Data File Name | Date-Time         | Operator | Status |
|-----|---------------|----------------|-------------------|----------|--------|
| 1   | HEXANE        | PP070417.D     | 11 Mar 2025 14:41 | YP\AJ    | Ok     |
| 2   | I.BLK         | PP070418.D     | 11 Mar 2025 14:57 | YP\AJ    | Ok     |
| 3   | AR1660ICC1000 | PP070419.D     | 11 Mar 2025 15:13 | YP\AJ    | Ok     |
| 4   | AR1660ICC750  | PP070420.D     | 11 Mar 2025 15:29 | YP\AJ    | Ok     |
| 5   | AR1660ICC500  | PP070421.D     | 11 Mar 2025 15:46 | YP\AJ    | Ok     |
| 6   | AR1660ICC250  | PP070422.D     | 11 Mar 2025 16:02 | YP\AJ    | Ok,M   |
| 7   | AR1660ICC050  | PP070423.D     | 11 Mar 2025 16:18 | YP\AJ    | Ok,M   |
| 8   | AR1221ICC500  | PP070424.D     | 11 Mar 2025 16:34 | YP\AJ    | Ok     |
| 9   | AR1232ICC1000 | PP070425.D     | 11 Mar 2025 16:51 | YP\AJ    | Ok     |
| 10  | AR1232ICC750  | PP070426.D     | 11 Mar 2025 17:07 | YP\AJ    | Ok     |
| 11  | AR1232ICC500  | PP070427.D     | 11 Mar 2025 17:23 | YP\AJ    | Ok     |
| 12  | AR1232ICC250  | PP070428.D     | 11 Mar 2025 17:40 | YP\AJ    | Ok,M   |
| 13  | AR1232ICC050  | PP070429.D     | 11 Mar 2025 17:56 | YP\AJ    | Ok,M   |
| 14  | AR1242ICC1000 | PP070430.D     | 11 Mar 2025 18:12 | YP\AJ    | Ok     |
| 15  | AR1242ICC750  | PP070431.D     | 11 Mar 2025 18:28 | YP\AJ    | Ok     |
| 16  | AR1242ICC500  | PP070432.D     | 11 Mar 2025 18:45 | YP\AJ    | Ok     |
| 17  | AR1242ICC250  | PP070433.D     | 11 Mar 2025 19:01 | YP\AJ    | Ok     |
| 18  | AR1242ICC050  | PP070434.D     | 11 Mar 2025 19:17 | YP\AJ    | Ok,M   |
| 19  | AR1248ICC1000 | PP070435.D     | 11 Mar 2025 19:34 | YP\AJ    | Ok     |
| 20  | AR1248ICC750  | PP070436.D     | 11 Mar 2025 19:50 | YP\AJ    | Ok     |
| 21  | AR1248ICC500  | PP070437.D     | 11 Mar 2025 20:06 | YP\AJ    | Ok     |

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP031125**

| Review By                | yogesh                                                                                                                                                                                                                                                                                                                          | Review On         | 3/12/2025 7:57:33 AM          |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                        | Supervise On      | 3/19/2025 6:54:29 AM          |
| SubDirectory             | PP031125                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PP031125 |
| STD. NAME                | STD REF.#                                                                                                                                                                                                                                                                                                                       |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |                   |                               |
| CCC                      | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773                                                                                                                                                                                                                                                                 |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| ICV/I.BLK                | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947                                                                                                                                                                                                                                                                 |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |                   |                               |

|    |                |            |                   |       |      |
|----|----------------|------------|-------------------|-------|------|
| 22 | AR1248ICC250   | PP070438.D | 11 Mar 2025 20:22 | YPIAJ | Ok   |
| 23 | AR1248ICC050   | PP070439.D | 11 Mar 2025 20:39 | YPIAJ | Ok,M |
| 24 | AR1254ICC1000  | PP070440.D | 11 Mar 2025 20:55 | YPIAJ | Ok   |
| 25 | AR1254ICC750   | PP070441.D | 11 Mar 2025 21:11 | YPIAJ | Ok   |
| 26 | AR1254ICC500   | PP070442.D | 11 Mar 2025 21:28 | YPIAJ | Ok   |
| 27 | AR1254ICC250   | PP070443.D | 11 Mar 2025 21:44 | YPIAJ | Ok   |
| 28 | AR1254ICC050   | PP070444.D | 11 Mar 2025 22:00 | YPIAJ | Ok   |
| 29 | AR1262ICC500   | PP070445.D | 11 Mar 2025 22:16 | YPIAJ | Ok   |
| 30 | AR1268ICC1000  | PP070446.D | 11 Mar 2025 22:33 | YPIAJ | Ok   |
| 31 | AR1268ICC750   | PP070447.D | 11 Mar 2025 22:49 | YPIAJ | Ok   |
| 32 | AR1268ICC500   | PP070448.D | 11 Mar 2025 23:05 | YPIAJ | Ok   |
| 33 | AR1268ICC250   | PP070449.D | 11 Mar 2025 23:22 | YPIAJ | Ok   |
| 34 | AR1268ICC050   | PP070450.D | 11 Mar 2025 23:38 | YPIAJ | Ok,M |
| 35 | PP031125ICV500 | PP070451.D | 11 Mar 2025 23:54 | YPIAJ | Ok   |
| 36 | AR1232ICV500   | PP070452.D | 12 Mar 2025 00:10 | YPIAJ | Ok   |
| 37 | AR1242ICV500   | PP070453.D | 12 Mar 2025 00:27 | YPIAJ | Ok   |
| 38 | AR1248ICV500   | PP070454.D | 12 Mar 2025 00:43 | YPIAJ | Ok   |
| 39 | AR1254ICV500   | PP070455.D | 12 Mar 2025 00:59 | YPIAJ | Ok   |
| 40 | AR1268ICV500   | PP070456.D | 12 Mar 2025 01:16 | YPIAJ | Ok   |
| 41 | AR1660CCC500   | PP070457.D | 12 Mar 2025 01:32 | YPIAJ | Ok   |
| 42 | AR1232CCC500   | PP070458.D | 12 Mar 2025 01:48 | YPIAJ | Ok   |
| 43 | AR1242CCC500   | PP070459.D | 12 Mar 2025 02:04 | YPIAJ | Ok   |
| 44 | I.BLK          | PP070460.D | 12 Mar 2025 02:21 | YPIAJ | Ok   |

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP031125**

| Review By                | yogesh                                                                                                                                                                                                                                                                                                                          | Review On         | 3/12/2025 7:57:33 AM          |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                        | Supervise On      | 3/19/2025 6:54:29 AM          |
| SubDirectory             | PP031125                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PP031125 |
| STD. NAME                | STD REF.#                                                                                                                                                                                                                                                                                                                       |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |                   |                               |
| CCC                      | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773                                                                                                                                                                                                                                                                 |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| ICV/I.BLK                | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947                                                                                                                                                                                                                                                                 |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |                   |                               |

|    |              |            |                   |       |        |
|----|--------------|------------|-------------------|-------|--------|
| 45 | PB167066BL   | PP070461.D | 12 Mar 2025 02:37 | YP\AJ | Not Ok |
| 46 | Q1502-15     | PP070462.D | 12 Mar 2025 02:53 | YP\AJ | Ok     |
| 47 | AR1660CCC500 | PP070463.D | 12 Mar 2025 03:09 | YP\AJ | Ok     |
| 48 | AR1232CCC500 | PP070464.D | 12 Mar 2025 03:26 | YP\AJ | Ok     |
| 49 | AR1242CCC500 | PP070465.D | 12 Mar 2025 03:42 | YP\AJ | Ok,M   |
| 50 | I.BLK        | PP070466.D | 12 Mar 2025 03:58 | YP\AJ | Ok     |

M : Manual Integration

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP032425**

|                          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                                                                                                                                                                                                                                                          | Review On         | 3/24/2025 12:15:37 PM         |
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                        | Supervise On      | 3/26/2025 9:26:42 AM          |
| SubDirectory             | PP032425                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PP031125 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |                   |                               |
| CCC                      | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773                                                                                                                                                                                                                                                                 |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| ICV/I.BLK                | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947                                                                                                                                                                                                                                                                 |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |                   |                               |

| Sr# | SampleId     | Data File Name | Date-Time         | Operator | Status   |
|-----|--------------|----------------|-------------------|----------|----------|
| 1   | HEXANE       | PP070823.D     | 24 Mar 2025 08:50 | YP\AJ    | Ok       |
| 2   | AR1660CCC500 | PP070824.D     | 24 Mar 2025 09:06 | YP\AJ    | Ok,M     |
| 3   | AR1242CCC500 | PP070825.D     | 24 Mar 2025 09:24 | YP\AJ    | Ok,M     |
| 4   | AR1248CCC500 | PP070826.D     | 24 Mar 2025 09:41 | YP\AJ    | Ok,M     |
| 5   | AR1254CCC500 | PP070827.D     | 24 Mar 2025 09:57 | YP\AJ    | Ok,M     |
| 6   | I.BLK        | PP070828.D     | 24 Mar 2025 10:42 | YP\AJ    | Ok       |
| 7   | PB167271BL   | PP070829.D     | 24 Mar 2025 13:49 | YP\AJ    | Ok       |
| 8   | PB167271BS   | PP070830.D     | 24 Mar 2025 14:05 | YP\AJ    | Ok,M     |
| 9   | Q1624-01     | PP070831.D     | 24 Mar 2025 14:21 | YP\AJ    | Ok       |
| 10  | Q1624-01MS   | PP070832.D     | 24 Mar 2025 14:37 | YP\AJ    | Ok,M     |
| 11  | Q1624-01MSD  | PP070833.D     | 24 Mar 2025 14:54 | YP\AJ    | Ok,M     |
| 12  | Q1626-01     | PP070834.D     | 24 Mar 2025 15:10 | YP\AJ    | Dilution |
| 13  | AR1660CCC500 | PP070835.D     | 24 Mar 2025 16:42 | YP\AJ    | Ok,M     |
| 14  | AR1242CCC500 | PP070836.D     | 24 Mar 2025 17:31 | YP\AJ    | Ok       |
| 15  | AR1248CCC500 | PP070837.D     | 24 Mar 2025 17:47 | YP\AJ    | Ok       |
| 16  | AR1254CCC500 | PP070838.D     | 24 Mar 2025 18:03 | YP\AJ    | Ok,M     |
| 17  | I.BLK        | PP070839.D     | 24 Mar 2025 18:19 | YP\AJ    | Ok       |

M : Manual Integration

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP032525**

|                          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                                                                                                                                                                                                                                                          | Review On         | 3/25/2025 8:46:39 AM          |
| Supervise By             |                                                                                                                                                                                                                                                                                                                                 | Supervise On      |                               |
| SubDirectory             | PP032525                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PP031125 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |                   |                               |
| CCC                      | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773                                                                                                                                                                                                                                                                 |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| ICV/I.BLK                | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947                                                                                                                                                                                                                                                                 |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |                   |                               |

| Sr# | SampleId     | Data File Name | Date-Time         | Operator | Status |
|-----|--------------|----------------|-------------------|----------|--------|
| 1   | HEXANE       | PP070840.D     | 25 Mar 2025 08:11 | YP\AJ    | Ok     |
| 2   | AR1660CCC500 | PP070841.D     | 25 Mar 2025 08:27 | YP\AJ    | Ok,NS  |
| 3   | AR1242CCC500 | PP070842.D     | 25 Mar 2025 08:45 | YP\AJ    | Ok,NS  |
| 4   | AR1248CCC500 | PP070843.D     | 25 Mar 2025 09:01 | YP\AJ    | Ok     |
| 5   | AR1254CCC500 | PP070844.D     | 25 Mar 2025 09:18 | YP\AJ    | Ok,NS  |
| 6   | I.BLK        | PP070845.D     | 25 Mar 2025 09:34 | YP\AJ    | Ok     |
| 7   | Q1626-01DL   | PP070846.D     | 25 Mar 2025 09:50 | YP\AJ    | Ok,NS  |
| 8   | Q1633-01     | PP070847.D     | 25 Mar 2025 11:34 | YP\AJ    | Ok,NS  |
| 9   | Q1631-04     | PP070848.D     | 25 Mar 2025 11:51 | YP\AJ    | Ok     |
| 10  | Q1632-01     | PP070849.D     | 25 Mar 2025 12:07 | YP\AJ    | Ok,NS  |
| 11  | Q1631-01     | PP070850.D     | 25 Mar 2025 12:23 | YP\AJ    | Ok     |
| 12  | Q1634-01     | PP070851.D     | 25 Mar 2025 12:39 | YP\AJ    | Ok,NS  |
| 13  | Q1634-03     | PP070852.D     | 25 Mar 2025 12:56 | YP\AJ    | Ok,NS  |
| 14  | Q1635-01     | PP070853.D     | 25 Mar 2025 13:12 | YP\AJ    | Ok     |
| 15  | AR1660CCC500 | PP070854.D     | 25 Mar 2025 14:22 | YP\AJ    | Ok,NS  |
| 16  | AR1242CCC500 | PP070855.D     | 25 Mar 2025 15:11 | YP\AJ    | Ok,NS  |
| 17  | AR1248CCC500 | PP070856.D     | 25 Mar 2025 15:27 | YP\AJ    | Ok     |
| 18  | AR1254CCC500 | PP070857.D     | 25 Mar 2025 15:44 | YP\AJ    | Ok,NS  |
| 19  | I.BLK        | PP070858.D     | 25 Mar 2025 16:00 | YP\AJ    | Ok     |
| 20  | PB167289BL   | PP070859.D     | 25 Mar 2025 16:16 | YP\AJ    | Ok     |
| 21  | PB167289BS   | PP070860.D     | 25 Mar 2025 16:32 | YP\AJ    | Ok,NS  |

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP032525**

|                          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                                                                                                                                                                                                                                                          | Review On         | 3/25/2025 8:46:39 AM          |
| Supervise By             |                                                                                                                                                                                                                                                                                                                                 | Supervise On      |                               |
| SubDirectory             | PP032525                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PP031125 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |                   |                               |
| CCC                      | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773                                                                                                                                                                                                                                                                 |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| ICV/I.BLK                | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947                                                                                                                                                                                                                                                                 |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |                   |                               |

|    |              |            |                   |       |       |
|----|--------------|------------|-------------------|-------|-------|
| 22 | Q1630-01     | PP070861.D | 25 Mar 2025 16:49 | YPIAJ | Ok,NS |
| 23 | Q1630-01MS   | PP070862.D | 25 Mar 2025 17:05 | YPIAJ | Ok,NS |
| 24 | Q1630-01MSD  | PP070863.D | 25 Mar 2025 17:21 | YPIAJ | Ok,NS |
| 25 | AR1660CCC500 | PP070864.D | 25 Mar 2025 18:31 | YPIAJ | Ok,NS |
| 26 | AR1242CCC500 | PP070865.D | 25 Mar 2025 19:20 | YPIAJ | Ok    |
| 27 | AR1248CCC500 | PP070866.D | 25 Mar 2025 19:36 | YPIAJ | Ok,NS |
| 28 | AR1254CCC500 | PP070867.D | 25 Mar 2025 19:53 | YPIAJ | Ok,NS |
| 29 | I.BLK        | PP070868.D | 25 Mar 2025 20:09 | YPIAJ | Ok    |
| 30 | PB167316BL   | PP070869.D | 25 Mar 2025 20:25 | YPIAJ | Ok    |
| 31 | PB167316BS   | PP070870.D | 25 Mar 2025 20:41 | YPIAJ | Ok,NS |
| 32 | Q1638-01     | PP070871.D | 25 Mar 2025 20:58 | YPIAJ | Ok,NS |
| 33 | Q1638-02     | PP070872.D | 25 Mar 2025 21:14 | YPIAJ | Ok,NS |
| 34 | Q1638-03     | PP070873.D | 25 Mar 2025 21:30 | YPIAJ | Ok,NS |
| 35 | Q1638-04     | PP070874.D | 25 Mar 2025 21:46 | YPIAJ | Ok,NS |
| 36 | AR1660CCC500 | PP070875.D | 25 Mar 2025 22:57 | YPIAJ | Ok,NS |
| 37 | AR1242CCC500 | PP070876.D | 25 Mar 2025 23:45 | YPIAJ | Ok,NS |
| 38 | AR1248CCC500 | PP070877.D | 26 Mar 2025 00:02 | YPIAJ | Ok,NS |
| 39 | AR1254CCC500 | PP070878.D | 26 Mar 2025 00:18 | YPIAJ | Ok,NS |
| 40 | I.BLK        | PP070879.D | 26 Mar 2025 00:34 | YPIAJ | Ok    |

M : Manual Integration

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP031125**

|              |          |                   |                               |
|--------------|----------|-------------------|-------------------------------|
| Review By    | yogesh   | Review On         | 3/12/2025 7:57:33 AM          |
| Supervise By | mohammad | Supervise On      | 3/19/2025 6:54:29 AM          |
| SubDirectory | PP031125 | HP Acquire Method | HP Processing Method PP031125 |

| STD. NAME                | STD REF.#                                                                                                                                                                                                                                                                                                                       |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |
| CCC                      | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773                                                                                                                                                                                                                                                                 |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |
| ICV/I.BLK                | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947                                                                                                                                                                                                                                                                 |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |

| Sr# | SampleID      | ClientID      | Data File Name | Date-Time         | Comment | Operator | Status |
|-----|---------------|---------------|----------------|-------------------|---------|----------|--------|
| 1   | HEXANE        | HEXANE        | PP070417.D     | 11 Mar 2025 14:41 |         | YP\AJ    | Ok     |
| 2   | I.BLK         | I.BLK         | PP070418.D     | 11 Mar 2025 14:57 |         | YP\AJ    | Ok     |
| 3   | AR1660ICC1000 | AR1660ICC1000 | PP070419.D     | 11 Mar 2025 15:13 |         | YP\AJ    | Ok     |
| 4   | AR1660ICC750  | AR1660ICC750  | PP070420.D     | 11 Mar 2025 15:29 |         | YP\AJ    | Ok     |
| 5   | AR1660ICC500  | AR1660ICC500  | PP070421.D     | 11 Mar 2025 15:46 |         | YP\AJ    | Ok     |
| 6   | AR1660ICC250  | AR1660ICC250  | PP070422.D     | 11 Mar 2025 16:02 |         | YP\AJ    | Ok,M   |
| 7   | AR1660ICC050  | AR1660ICC050  | PP070423.D     | 11 Mar 2025 16:18 |         | YP\AJ    | Ok,M   |
| 8   | AR1221ICC500  | AR1221ICC500  | PP070424.D     | 11 Mar 2025 16:34 |         | YP\AJ    | Ok     |
| 9   | AR1232ICC1000 | AR1232ICC1000 | PP070425.D     | 11 Mar 2025 16:51 |         | YP\AJ    | Ok     |
| 10  | AR1232ICC750  | AR1232ICC750  | PP070426.D     | 11 Mar 2025 17:07 |         | YP\AJ    | Ok     |
| 11  | AR1232ICC500  | AR1232ICC500  | PP070427.D     | 11 Mar 2025 17:23 |         | YP\AJ    | Ok     |
| 12  | AR1232ICC250  | AR1232ICC250  | PP070428.D     | 11 Mar 2025 17:40 |         | YP\AJ    | Ok,M   |
| 13  | AR1232ICC050  | AR1232ICC050  | PP070429.D     | 11 Mar 2025 17:56 |         | YP\AJ    | Ok,M   |
| 14  | AR1242ICC1000 | AR1242ICC1000 | PP070430.D     | 11 Mar 2025 18:12 |         | YP\AJ    | Ok     |
| 15  | AR1242ICC750  | AR1242ICC750  | PP070431.D     | 11 Mar 2025 18:28 |         | YP\AJ    | Ok     |
| 16  | AR1242ICC500  | AR1242ICC500  | PP070432.D     | 11 Mar 2025 18:45 |         | YP\AJ    | Ok     |
| 17  | AR1242ICC250  | AR1242ICC250  | PP070433.D     | 11 Mar 2025 19:01 |         | YP\AJ    | Ok     |
| 18  | AR1242ICC050  | AR1242ICC050  | PP070434.D     | 11 Mar 2025 19:17 |         | YP\AJ    | Ok,M   |

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP031125**

|                          |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                                                                                                                                                                                                                                                                  | Review On         | 3/12/2025 7:57:33 AM          |
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                                | Supervise On      | 3/19/2025 6:54:29 AM          |
| SubDirectory             | PP031125                                                                                                                                                                                                                                                                                                                                | HP Acquire Method | HP Processing Method PP031125 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                        |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,P<br>P23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP<br>23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |                   |                               |
| CCC                      | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773                                                                                                                                                                                                                                                                         |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| ICV/I.BLK                | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947                                                                                                                                                                                                                                                                         |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                         |                   |                               |

|    |                |                   |            |                   |  |       |      |
|----|----------------|-------------------|------------|-------------------|--|-------|------|
| 19 | AR1248ICC1000  | AR1248ICC1000     | PP070435.D | 11 Mar 2025 19:34 |  | YPIAJ | Ok   |
| 20 | AR1248ICC750   | AR1248ICC750      | PP070436.D | 11 Mar 2025 19:50 |  | YPIAJ | Ok   |
| 21 | AR1248ICC500   | AR1248ICC500      | PP070437.D | 11 Mar 2025 20:06 |  | YPIAJ | Ok   |
| 22 | AR1248ICC250   | AR1248ICC250      | PP070438.D | 11 Mar 2025 20:22 |  | YPIAJ | Ok   |
| 23 | AR1248ICC050   | AR1248ICC050      | PP070439.D | 11 Mar 2025 20:39 |  | YPIAJ | Ok,M |
| 24 | AR1254ICC1000  | AR1254ICC1000     | PP070440.D | 11 Mar 2025 20:55 |  | YPIAJ | Ok   |
| 25 | AR1254ICC750   | AR1254ICC750      | PP070441.D | 11 Mar 2025 21:11 |  | YPIAJ | Ok   |
| 26 | AR1254ICC500   | AR1254ICC500      | PP070442.D | 11 Mar 2025 21:28 |  | YPIAJ | Ok   |
| 27 | AR1254ICC250   | AR1254ICC250      | PP070443.D | 11 Mar 2025 21:44 |  | YPIAJ | Ok   |
| 28 | AR1254ICC050   | AR1254ICC050      | PP070444.D | 11 Mar 2025 22:00 |  | YPIAJ | Ok   |
| 29 | AR1262ICC500   | AR1262ICC500      | PP070445.D | 11 Mar 2025 22:16 |  | YPIAJ | Ok   |
| 30 | AR1268ICC1000  | AR1268ICC1000     | PP070446.D | 11 Mar 2025 22:33 |  | YPIAJ | Ok   |
| 31 | AR1268ICC750   | AR1268ICC750      | PP070447.D | 11 Mar 2025 22:49 |  | YPIAJ | Ok   |
| 32 | AR1268ICC500   | AR1268ICC500      | PP070448.D | 11 Mar 2025 23:05 |  | YPIAJ | Ok   |
| 33 | AR1268ICC250   | AR1268ICC250      | PP070449.D | 11 Mar 2025 23:22 |  | YPIAJ | Ok   |
| 34 | AR1268ICC050   | AR1268ICC050      | PP070450.D | 11 Mar 2025 23:38 |  | YPIAJ | Ok,M |
| 35 | PP031125ICV500 | ICVPP031125       | PP070451.D | 11 Mar 2025 23:54 |  | YPIAJ | Ok   |
| 36 | AR1232ICV500   | ICVPP031125AR1232 | PP070452.D | 12 Mar 2025 00:10 |  | YPIAJ | Ok   |
| 37 | AR1242ICV500   | ICVPP031125AR1242 | PP070453.D | 12 Mar 2025 00:27 |  | YPIAJ | Ok   |

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP031125**

|                          |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                                                                                                                                                                                                                                                                  | Review On         | 3/12/2025 7:57:33 AM          |
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                                | Supervise On      | 3/19/2025 6:54:29 AM          |
| SubDirectory             | PP031125                                                                                                                                                                                                                                                                                                                                | HP Acquire Method | HP Processing Method PP031125 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                        |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,P<br>P23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP<br>23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |                   |                               |
| CCC                      | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773                                                                                                                                                                                                                                                                         |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| ICV/I.BLK                | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947                                                                                                                                                                                                                                                                         |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                         |                   |                               |

|    |              |                   |            |                   |             |       |        |
|----|--------------|-------------------|------------|-------------------|-------------|-------|--------|
| 38 | AR1248ICV500 | ICVPP031125AR1248 | PP070454.D | 12 Mar 2025 00:43 |             | YPIAJ | Ok     |
| 39 | AR1254ICV500 | ICVPP031125AR1254 | PP070455.D | 12 Mar 2025 00:59 |             | YPIAJ | Ok     |
| 40 | AR1268ICV500 | ICVPP031125AR1268 | PP070456.D | 12 Mar 2025 01:16 |             | YPIAJ | Ok     |
| 41 | AR1660CCC500 | AR1660CCC500      | PP070457.D | 12 Mar 2025 01:32 |             | YPIAJ | Ok     |
| 42 | AR1232CCC500 | AR1232CCC500      | PP070458.D | 12 Mar 2025 01:48 |             | YPIAJ | Ok     |
| 43 | AR1242CCC500 | AR1242CCC500      | PP070459.D | 12 Mar 2025 02:04 |             | YPIAJ | Ok     |
| 44 | I.BLK        | I.BLK             | PP070460.D | 12 Mar 2025 02:21 |             | YPIAJ | Ok     |
| 45 | PB167066BL   | PB167066BL        | PP070461.D | 12 Mar 2025 02:37 | Already run | YPIAJ | Not Ok |
| 46 | Q1502-15     | PT-PCBW-WP        | PP070462.D | 12 Mar 2025 02:53 | AR1232 HIT  | YPIAJ | Ok     |
| 47 | AR1660CCC500 | AR1660CCC500      | PP070463.D | 12 Mar 2025 03:09 |             | YPIAJ | Ok     |
| 48 | AR1232CCC500 | AR1232CCC500      | PP070464.D | 12 Mar 2025 03:26 |             | YPIAJ | Ok     |
| 49 | AR1242CCC500 | AR1242CCC500      | PP070465.D | 12 Mar 2025 03:42 |             | YPIAJ | Ok,M   |
| 50 | I.BLK        | I.BLK             | PP070466.D | 12 Mar 2025 03:58 |             | YPIAJ | Ok     |

M : Manual Integration

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP032425**

|              |          |                   |                               |
|--------------|----------|-------------------|-------------------------------|
| Review By    | yogesh   | Review On         | 3/24/2025 12:15:37 PM         |
| Supervise By | mohammad | Supervise On      | 3/26/2025 9:26:42 AM          |
| SubDirectory | PP032425 | HP Acquire Method | HP Processing Method PP031125 |

| STD. NAME                | STD REF.#                                                                                                                                                                                                                                                                                                                       |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |
| CCC                      | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773                                                                                                                                                                                                                                                                 |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |
| ICV/I.BLK                | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947                                                                                                                                                                                                                                                                 |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |

| Sr# | SampleID     | ClientID          | Data File Name | Date-Time         | Comment                               | Operator | Status   |
|-----|--------------|-------------------|----------------|-------------------|---------------------------------------|----------|----------|
| 1   | HEXANE       | HEXANE            | PP070823.D     | 24 Mar 2025 08:50 |                                       | YP\AJ    | Ok       |
| 2   | AR1660CCC500 | AR1660CCC500      | PP070824.D     | 24 Mar 2025 09:06 |                                       | YP\AJ    | Ok,M     |
| 3   | AR1242CCC500 | AR1242CCC500      | PP070825.D     | 24 Mar 2025 09:24 |                                       | YP\AJ    | Ok,M     |
| 4   | AR1248CCC500 | AR1248CCC500      | PP070826.D     | 24 Mar 2025 09:41 |                                       | YP\AJ    | Ok,M     |
| 5   | AR1254CCC500 | AR1254CCC500      | PP070827.D     | 24 Mar 2025 09:57 |                                       | YP\AJ    | Ok,M     |
| 6   | I.BLK        | I.BLK             | PP070828.D     | 24 Mar 2025 10:42 |                                       | YP\AJ    | Ok       |
| 7   | PB167271BL   | PB167271BL        | PP070829.D     | 24 Mar 2025 13:49 |                                       | YP\AJ    | Ok       |
| 8   | PB167271BS   | PB167271BS        | PP070830.D     | 24 Mar 2025 14:05 |                                       | YP\AJ    | Ok,M     |
| 9   | Q1624-01     | OK-01-03212025    | PP070831.D     | 24 Mar 2025 14:21 |                                       | YP\AJ    | Ok       |
| 10  | Q1624-01MS   | OK-01-03212025MS  | PP070832.D     | 24 Mar 2025 14:37 |                                       | YP\AJ    | Ok,M     |
| 11  | Q1624-01MSD  | OK-01-03212025MSD | PP070833.D     | 24 Mar 2025 14:54 |                                       | YP\AJ    | Ok,M     |
| 12  | Q1626-01     | CO-32-1           | PP070834.D     | 24 Mar 2025 15:10 | AR1254 + AR1260 Hit, Need 2X Dilution | YP\AJ    | Dilution |
| 13  | AR1660CCC500 | AR1660CCC500      | PP070835.D     | 24 Mar 2025 16:42 |                                       | YP\AJ    | Ok,M     |
| 14  | AR1242CCC500 | AR1242CCC500      | PP070836.D     | 24 Mar 2025 17:31 |                                       | YP\AJ    | Ok       |
| 15  | AR1248CCC500 | AR1248CCC500      | PP070837.D     | 24 Mar 2025 17:47 |                                       | YP\AJ    | Ok       |
| 16  | AR1254CCC500 | AR1254CCC500      | PP070838.D     | 24 Mar 2025 18:03 |                                       | YP\AJ    | Ok,M     |
| 17  | I.BLK        | I.BLK             | PP070839.D     | 24 Mar 2025 18:19 |                                       | YP\AJ    | Ok       |

M : Manual Integration

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP032525**

|              |          |                   |                               |
|--------------|----------|-------------------|-------------------------------|
| Review By    | yogesh   | Review On         | 3/25/2025 8:46:39 AM          |
| Supervise By |          | Supervise On      |                               |
| SubDirectory | PP032525 | HP Acquire Method | HP Processing Method PP031125 |

| STD. NAME                | STD REF.#                                                                                                                                                                                                                                                                                                                       |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |
| CCC                      | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773                                                                                                                                                                                                                                                                 |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |
| ICV/I.BLK                | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947                                                                                                                                                                                                                                                                 |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |

| Sr# | SampleID     | ClientID     | Data File Name | Date-Time         | Comment             | Operator | Status |
|-----|--------------|--------------|----------------|-------------------|---------------------|----------|--------|
| 1   | HEXANE       | HEXANE       | PP070840.D     | 25 Mar 2025 08:11 |                     | YPIAJ    | Ok     |
| 2   | AR1660CCC500 | AR1660CCC500 | PP070841.D     | 25 Mar 2025 08:27 |                     | YPIAJ    | Ok,NS  |
| 3   | AR1242CCC500 | AR1242CCC500 | PP070842.D     | 25 Mar 2025 08:45 |                     | YPIAJ    | Ok,NS  |
| 4   | AR1248CCC500 | AR1248CCC500 | PP070843.D     | 25 Mar 2025 09:01 |                     | YPIAJ    | Ok     |
| 5   | AR1254CCC500 | AR1254CCC500 | PP070844.D     | 25 Mar 2025 09:18 |                     | YPIAJ    | Ok,NS  |
| 6   | I.BLK        | I.BLK        | PP070845.D     | 25 Mar 2025 09:34 |                     | YPIAJ    | Ok     |
| 7   | Q1626-01DL   | CO-32-1DL    | PP070846.D     | 25 Mar 2025 09:50 | AR1254 + AR1260 Hit | YPIAJ    | Ok,NS  |
| 8   | Q1633-01     | SLG          | PP070847.D     | 25 Mar 2025 11:34 |                     | YPIAJ    | Ok,NS  |
| 9   | Q1631-04     | 359          | PP070848.D     | 25 Mar 2025 11:51 |                     | YPIAJ    | Ok     |
| 10  | Q1632-01     | PIER-1-2     | PP070849.D     | 25 Mar 2025 12:07 |                     | YPIAJ    | Ok,NS  |
| 11  | Q1631-01     | 364          | PP070850.D     | 25 Mar 2025 12:23 |                     | YPIAJ    | Ok     |
| 12  | Q1634-01     | HR-01-032425 | PP070851.D     | 25 Mar 2025 12:39 |                     | YPIAJ    | Ok,NS  |
| 13  | Q1634-03     | HR-04-032425 | PP070852.D     | 25 Mar 2025 12:56 |                     | YPIAJ    | Ok,NS  |
| 14  | Q1635-01     | TP-2         | PP070853.D     | 25 Mar 2025 13:12 |                     | YPIAJ    | Ok     |
| 15  | AR1660CCC500 | AR1660CCC500 | PP070854.D     | 25 Mar 2025 14:22 |                     | YPIAJ    | Ok,NS  |
| 16  | AR1242CCC500 | AR1242CCC500 | PP070855.D     | 25 Mar 2025 15:11 |                     | YPIAJ    | Ok,NS  |
| 17  | AR1248CCC500 | AR1248CCC500 | PP070856.D     | 25 Mar 2025 15:27 |                     | YPIAJ    | Ok     |
| 18  | AR1254CCC500 | AR1254CCC500 | PP070857.D     | 25 Mar 2025 15:44 |                     | YPIAJ    | Ok,NS  |

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP032525**

|                          |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                                                                                                                                                                                                                                                                  | Review On         | 3/25/2025 8:46:39 AM          |
| Supervise By             |                                                                                                                                                                                                                                                                                                                                         | Supervise On      |                               |
| SubDirectory             | PP032525                                                                                                                                                                                                                                                                                                                                | HP Acquire Method | HP Processing Method PP031125 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                        |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,P<br>P23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP<br>23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |                   |                               |
| CCC                      | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773                                                                                                                                                                                                                                                                         |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| ICV/I.BLK                | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947                                                                                                                                                                                                                                                                         |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                         |                   |                               |

|    |              |                 |            |                   |  |       |       |
|----|--------------|-----------------|------------|-------------------|--|-------|-------|
| 19 | I.BLK        | I.BLK           | PP070858.D | 25 Mar 2025 16:00 |  | YPIAJ | Ok    |
| 20 | PB167289BL   | PB167289BL      | PP070859.D | 25 Mar 2025 16:16 |  | YPIAJ | Ok    |
| 21 | PB167289BS   | PB167289BS      | PP070860.D | 25 Mar 2025 16:32 |  | YPIAJ | Ok,NS |
| 22 | Q1630-01     | VNJ-206         | PP070861.D | 25 Mar 2025 16:49 |  | YPIAJ | Ok,NS |
| 23 | Q1630-01MS   | VNJ-206MS       | PP070862.D | 25 Mar 2025 17:05 |  | YPIAJ | Ok,NS |
| 24 | Q1630-01MSD  | VNJ-206MSD      | PP070863.D | 25 Mar 2025 17:21 |  | YPIAJ | Ok,NS |
| 25 | AR1660CCC500 | AR1660CCC500    | PP070864.D | 25 Mar 2025 18:31 |  | YPIAJ | Ok,NS |
| 26 | AR1242CCC500 | AR1242CCC500    | PP070865.D | 25 Mar 2025 19:20 |  | YPIAJ | Ok    |
| 27 | AR1248CCC500 | AR1248CCC500    | PP070866.D | 25 Mar 2025 19:36 |  | YPIAJ | Ok,NS |
| 28 | AR1254CCC500 | AR1254CCC500    | PP070867.D | 25 Mar 2025 19:53 |  | YPIAJ | Ok,NS |
| 29 | I.BLK        | I.BLK           | PP070868.D | 25 Mar 2025 20:09 |  | YPIAJ | Ok    |
| 30 | PB167316BL   | PB167316BL      | PP070869.D | 25 Mar 2025 20:25 |  | YPIAJ | Ok    |
| 31 | PB167316BS   | PB167316BS      | PP070870.D | 25 Mar 2025 20:41 |  | YPIAJ | Ok,NS |
| 32 | Q1638-01     | HIA765C-1-1     | PP070871.D | 25 Mar 2025 20:58 |  | YPIAJ | Ok,NS |
| 33 | Q1638-02     | HIA765C-1-2     | PP070872.D | 25 Mar 2025 21:14 |  | YPIAJ | Ok,NS |
| 34 | Q1638-03     | BC208062LOK-1-1 | PP070873.D | 25 Mar 2025 21:30 |  | YPIAJ | Ok,NS |
| 35 | Q1638-04     | BC208062LOK-1-2 | PP070874.D | 25 Mar 2025 21:46 |  | YPIAJ | Ok,NS |
| 36 | AR1660CCC500 | AR1660CCC500    | PP070875.D | 25 Mar 2025 22:57 |  | YPIAJ | Ok,NS |
| 37 | AR1242CCC500 | AR1242CCC500    | PP070876.D | 25 Mar 2025 23:45 |  | YPIAJ | Ok,NS |

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP032525**

|                          |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                                                                                                                                                                                                                                                                  | Review On         | 3/25/2025 8:46:39 AM          |
| Supervise By             |                                                                                                                                                                                                                                                                                                                                         | Supervise On      |                               |
| SubDirectory             | PP032525                                                                                                                                                                                                                                                                                                                                | HP Acquire Method | HP Processing Method PP031125 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                        |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| Initial Calibration Stds | PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,P<br>P23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP<br>23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775 |                   |                               |
| CCC                      | PP23737,PP23742,PP23749,PP23754,PP23758,PP23763,PP23768,PP23773                                                                                                                                                                                                                                                                         |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| ICV/I.BLK                | PP23778,PP23780,PP23783,PP23784,PP23786,PP23788,PP23790,PP23947                                                                                                                                                                                                                                                                         |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                         |                   |                               |

|    |              |              |            |                   |  |       |       |
|----|--------------|--------------|------------|-------------------|--|-------|-------|
| 38 | AR1248CCC500 | AR1248CCC500 | PP070877.D | 26 Mar 2025 00:02 |  | YP\AJ | Ok,NS |
| 39 | AR1254CCC500 | AR1254CCC500 | PP070878.D | 26 Mar 2025 00:18 |  | YP\AJ | Ok,NS |
| 40 | I.BLK        | I.BLK        | PP070879.D | 26 Mar 2025 00:34 |  | YP\AJ | Ok    |

M : Manual Integration

# PERCENT SOLID

Supervisor: Iwona  
Analyst: jignesh  
Date: 3/25/2025

OVENTEMP IN Celsius(°C): 107  
Time IN: 17:00  
In Date: 03/24/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103  
Time OUT: 08:11  
Out Date: 03/25/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
BalanceID: M SC-4  
Thermometer ID: % SOLID- OVEN

QC:LB135155

| 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        |
|----------|-----------------------|--------|----------------|--------------|-------------------------|---------------------------|---------|-----------------|
| Q1623-05 | SVOC-GPC-BLANK        | 1      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |                 |
| Q1623-06 | PEST-GPC-BLANK        | 2      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |                 |
| Q1623-07 | PEST-GPC-BLANK-SPIKE  | 3      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |                 |
| Q1623-08 | PCB-GPC-BLANK         | 4      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |                 |
| Q1623-09 | PCB-GPC-BLANK-SPIKE   | 5      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |                 |
| Q1623-10 | SVOC-GPC2-BLANK       | 6      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |                 |
| Q1623-11 | PEST-GPC2-BLANK       | 7      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |                 |
| Q1623-12 | PEST-GPC2-BLANK-SPIKE | 8      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |                 |
| Q1623-13 | PCB-GPC2-BLANK        | 9      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |                 |
| Q1623-14 | PCB-GPC2-BLANK-SPIKE  | 10     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |                 |
| Q1626-01 | CO-32-1               | 11     | 1.14           | 10.23        | 11.37                   | 10.84                     | 94.8    |                 |
| Q1630-01 | VNJ-206               | 12     | 1.15           | 10.39        | 11.54                   | 10.26                     | 87.7    |                 |
| Q1631-01 | 364                   | 13     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | CONCRETE sample |
| Q1631-04 | 359                   | 14     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | CONCRETE sample |
| Q1632-01 | PIER-1-2              | 15     | 1.17           | 10.40        | 11.57                   | 11.09                     | 95.4    |                 |
| Q1633-01 | SLG                   | 16     | 1.15           | 10.50        | 11.65                   | 4.7                       | 33.8    | sludge sample   |
| Q1634-01 | HR-01-032425          | 17     | 1.16           | 9.45         | 10.61                   | 9.77                      | 91.1    |                 |
| Q1634-02 | HR-01-032425-E2       | 18     | 1.13           | 10.66        | 11.79                   | 10.75                     | 90.2    |                 |
| Q1634-03 | HR-04-032425          | 19     | 1.13           | 10.84        | 11.97                   | 11.04                     | 91.4    |                 |
| Q1634-04 | HR-04-032425-E2       | 20     | 1.12           | 10.69        | 11.81                   | 10.82                     | 90.7    |                 |
| Q1635-01 | TP-2                  | 21     | 1.19           | 10.15        | 11.34                   | 10.26                     | 89.4    |                 |
| Q1635-02 | TP-2-EPH              | 22     | 1.17           | 10.23        | 11.4                    | 10.29                     | 89.1    |                 |
| Q1635-03 | TP-2-VOC              | 23     | 1.15           | 12.12        | 13.27                   | 11.88                     | 88.5    |                 |

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

# WORKLIST(Hardcopy Internal Chain)

13355

WorkList Name : %1-032425

WorkList ID : 188470

Department : Wet-Chemistry

Date : 03-24-2025 08:43:57

| Sample   | Customer Sample       | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|-----------------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q1623-05 | SVOC-GPC-BLANK        | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | F11                         | 03/21/2025   | Chemtech -SO |
| Q1623-06 | PEST-GPC-BLANK        | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | F11                         | 03/21/2025   | Chemtech -SO |
| Q1623-07 | PEST-GPC-BLANK-SPIKE  | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | F11                         | 03/21/2025   | Chemtech -SO |
| Q1623-08 | PCB-GPC-BLANK         | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | F11                         | 03/21/2025   | Chemtech -SO |
| Q1623-09 | PCB-GPC-BLANK-SPIKE   | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | F11                         | 03/21/2025   | Chemtech -SO |
| Q1623-10 | SVOC-GPC2-BLANK       | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | F11                         | 03/21/2025   | Chemtech -SO |
| Q1623-11 | PEST-GPC2-BLANK       | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | F11                         | 03/21/2025   | Chemtech -SO |
| Q1623-12 | PEST-GPC2-BLANK-SPIKE | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | F11                         | 03/21/2025   | Chemtech -SO |
| Q1623-13 | PCB-GPC2-BLANK        | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | F11                         | 03/21/2025   | Chemtech -SO |
| Q1623-14 | PCB-GPC2-BLANK-SPIKE  | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | F11                         | 03/21/2025   | Chemtech -SO |
| Q1626-01 | CO-32-1               | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | F11                         | 03/21/2025   | Chemtech -SO |
| Q1630-01 | VNJ-206               | Solid  | Percent Solids | Cool 4 deg C | WALS01   | F11                         | 03/21/2025   | Chemtech -SO |
| Q1631-01 | 364                   | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | H31                         | 03/24/2025   | Chemtech -SO |
| Q1631-04 | 359                   | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | I41                         | 03/24/2025   | Chemtech -SO |
| Q1632-01 | PIER-1-2              | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | I41                         | 03/24/2025   | Chemtech -SO |
| Q1633-01 | SLG                   | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | I41                         | 03/24/2025   | Chemtech -SO |
| Q1634-01 | HR-01-032425          | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | I31                         | 03/24/2025   | Chemtech -SO |
| Q1634-02 | HR-01-032425-E2       | Solid  | Percent Solids | Cool 4 deg C | PSEG05   | I31                         | 03/24/2025   | Chemtech -SO |
| Q1634-03 | HR-04-032425          | Solid  | Percent Solids | Cool 4 deg C | PSEG05   | I31                         | 03/24/2025   | Chemtech -SO |
| Q1634-04 | HR-04-032425-E2       | Solid  | Percent Solids | Cool 4 deg C | PSEG05   | I31                         | 03/24/2025   | Chemtech -SO |
| Q1635-01 | TP-2                  | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | I41                         | 03/24/2025   | Chemtech -SO |

Date/Time 03/24/25 13130

Raw Sample Received by: yd w/cj

Raw Sample Relinquished by: CP sm

Date/Time 03/24/25

Raw Sample Received by: CP sm

Raw Sample Relinquished by: yd w/cj

# WORKLIST(Hardcopy Internal Chain)

WorkList Name : %1-032425

WorkList ID : 188470

Department : Wet-Chemistry

Date : 03-24-2025 08:43:57

| Sample   | Customer Sample | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|-----------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q1635-02 | TP-2-EPH        | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | I41                         | 03/24/2025   | Chemtech -SO |
| Q1635-03 | TP-2-VOC        | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | I41                         | 03/24/2025   | Chemtech -SO |

Date/Time 03/24/25 15:30  
 Raw Sample Received by: sd woc  
 Raw Sample Relinquished by: af sm

Date/Time 03/24/25 17:10  
 Raw Sample Received by: af sm  
 Raw Sample Relinquished by: sd woc

SOP ID: M3541-ASE Extraction-14

Clean Up SOP #: Acid Cleanup

Matrix : Solid

Weigh By: EH

Balance check: RJ

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date : 03/24/2025

Extraction Start Time : 08:50

Extraction End Date : 03/24/2025

Extraction End Time : 13:25

Concentration By: EH

Supervisor By : rajesh

Extraction Method: ☐ Separatory Funnel ☐ Continous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☒ Soxhlet

| Standard Name | MLS USED | Concentration ug/mL | STD REF. # FROM LOG |
|---------------|----------|---------------------|---------------------|
| Spike Sol 1   | 1.0ML    | 5000 PPB            | PP24209             |
| Surrogate     | 1.0ML    | 200 PPB             | PP24217             |
| 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            | EP2592     |
| Baked Na2SO4       | N/A            | EP2595     |
| Sand               | N/A            | E2865      |
| Hexane             | N/A            | E3914      |
| 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 BTS721. Q1626-01 Added in batch at 10:56

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: NEVAP-02

Envap Temperature: 40 °C

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|-------------|-----------------------------------------|----------------------|
| 03/24/25    | RP (Ext 245)                            | R. Pest-PCB Lab      |
| 13:30       | Preparation Group                       | Analysis Group       |

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 03/24/2025

| Sample ID       | Client Sample ID  | Test | g / mL | PH  | Surr/Spike By: |            | Final Vol.<br>(mL) | JarID | Comments | Prep<br>Pos |
|-----------------|-------------------|------|--------|-----|----------------|------------|--------------------|-------|----------|-------------|
|                 |                   |      |        |     | AddedBy        | VerifiedBy |                    |       |          |             |
| PB167271BL      | ABLK271           | PCB  | 30.02  | N/A | ritesh         | Evelyn     | 10                 |       |          | U2-1        |
| PB167271BS      | ALCS271           | PCB  | 30.01  | N/A | ritesh         | Evelyn     | 10                 |       |          | 2           |
| Q1624-01        | OK-01-03212025    | PCB  | 30.05  | N/A | ritesh         | Evelyn     | 10                 | E     |          | 3           |
| Q1624-01MS      | OK-01-03212025MS  | PCB  | 30.03  | N/A | ritesh         | Evelyn     | 10                 | E     |          | 4           |
| Q1624-01MS<br>D | OK-01-03212025MSD | PCB  | 30.06  | N/A | ritesh         | Evelyn     | 10                 | E     |          | 5           |
| Q1626-01        | CO-32-1           | PCB  | 30.09  | N/A | ritesh         | Evelyn     | 10                 | E     |          | 6           |

\* Extracts relinquished on the same date as received.

  
3/24/25

# WORKLIST(Hardcopy Internal Chain)

813  
161221  
161225

Worklist Name : Q1624

Worklist ID : 188464

Department : Extraction

Date : 03-24-2025 08:13:26

| Sample   | Customer Sample   | Matrix | Test            | Preservative | Customer | Raw Sample<br>Storage<br>Location | Collect Date | Method |
|----------|-------------------|--------|-----------------|--------------|----------|-----------------------------------|--------------|--------|
| Q1624-01 | OK-01-03212025    | Solid  | EPH_NF          | Cool 4 deg C | PSEG05   | I11                               | 03/21/2025   | NJEPH  |
| Q1624-01 | OK-01-03212025    | Solid  | PCB             | Cool 4 deg C | PSEG05   | I11                               | 03/21/2025   | 8082A  |
| Q1624-01 | OK-01-03212025    | Solid  | Pesticide-TCL   | Cool 4 deg C | PSEG05   | I11                               | 03/21/2025   | 8081B  |
| Q1624-01 | OK-01-03212025    | Solid  | SVOC-TCL BNA-20 | Cool 4 deg C | PSEG05   | I11                               | 03/21/2025   | 8270E  |
| Q1624-02 | OK-01-03212025-E2 | Solid  | EPH_NF          | Cool 4 deg C | PSEG05   |                                   | 03/21/2025   | NJEPH  |

Date/Time

03/24/24 8:45

Raw Sample Received by:

PJ (Get Leg)

Raw Sample Relinquished by:

QJ SM

Date/Time

03/24/24 9:05

Raw Sample Received by:

QJ SM

Raw Sample Relinquished by:

PJ (Get Leg)

# WORKLIST(Hardcopy Internal Chain)

Worklist Name : Q1626

Worklist ID : 188486

Department : Extraction

Date : 03-24-2025 10:55:21

| Sample   | Customer Sample | Matrix | Test             | Preservative | Customer | Raw Sample<br>Storage<br>Location | Collect Date | Method |
|----------|-----------------|--------|------------------|--------------|----------|-----------------------------------|--------------|--------|
| Q1626-01 | CO-32-1         | Solid  | EPH_NF           | Cool 4 deg C | WAL_S01  | F11                               | 03/21/2025   | NJEPH  |
| Q1626-01 | CO-32-1         | Solid  | PCB              | Cool 4 deg C | WAL_S01  | F11                               | 03/21/2025   | 8082A  |
| Q1626-01 | CO-32-1         | Solid  | Pesticide-TCL    | Cool 4 deg C | WAL_S01  | F11                               | 03/21/2025   | 8081B  |
| Q1626-01 | CO-32-1         | Solid  | SVOC-TCL BNA -20 | Cool 4 deg C | WAL_S01  | F11                               | 03/21/2025   | 8270E  |

Date/Time 03/24/24

Raw Sample Received by: RJ (let 1st)

Raw Sample Relinquished by: QP SW

Date/Time 03/24/24

Raw Sample Received by: QP SW

Raw Sample Relinquished by: RJ (let 1st)

## Prep Standard - Chemical Standard Summary

**Order ID :** Q1626

**Test :** PCB

**Prepbatch ID :** PB167271,

**Sequence ID/Qc Batch ID:** PP032425,Pp032525,

**Standard ID :**

EP2565,EP2592,EP2595,PP23733,PP23735,PP23736,PP23737,PP23738,PP23739,PP23740,PP23741,PP23742,PP23743,PP23744,PP23745,PP23747,PP23748,PP23749,PP23750,PP23751,PP23752,PP23753,PP23754,PP23755,PP23756,PP23757,PP23758,PP23759,PP23760,PP23761,PP23762,PP23763,PP23764,PP23765,PP23766,PP23767,PP23768,PP23769,PP23770,PP23771,PP23772,PP23773,PP23774,PP23775,PP23776,PP23777,PP23778,PP23779,PP23780,PP23781,PP23782,PP23783,PP23784,PP23785,PP23786,PP23787,PP23788,PP23789,PP23790,PP23946,PP23947,PP24209,PP24217,

**Chemical ID :**

E2865,E3551,E3804,E3805,E3825,E3876,E3877,E3914,M5173,P10483,P10500,P11507,P11512,P11521,P11581,P11587,P11590,P11597,P12698,P12929,P12934,P12947,P12948,P12957,P13033,P13350,P13354,P13372,W3112,

## Extractions STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>    | <u>NO.</u>             | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u>           |
|------------------|----------------|------------------------|------------------|------------------------|--------------------|----------------|------------------|--------------------------------|
| 314              | 1.1 H2SO4 SOLN | <a href="#">EP2565</a> | 11/20/2024       | 05/20/2025             | Rajesh Parikh      | None           | None             | RUPESHKUMAR SHAH<br>11/20/2024 |

**FROM** 1000.00000ml of M5173 + 1000.00000ml of W3112 = Final Quantity: 2000.000 ml

| <u>Recipe ID</u> | <u>NAME</u>       | <u>NO.</u>             | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u>            |
|------------------|-------------------|------------------------|------------------|------------------------|--------------------|----------------|------------------|---------------------------------|
| 230              | 1:1ACETONE/HEXANE | <a href="#">EP2592</a> | 02/27/2025       | 08/12/2025             | RUPESHKUMAR SHAH   | None           | None             | Riteshkumar Patel<br>02/27/2025 |

**FROM** 4000.00000ml of E3876 + 4000.00000ml of E3877 = Final Quantity: 8000.000 ml



| <u>Recipe ID</u>                                                           | <u>NAME</u>          | <u>NO.</u>             | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u>                      | <u>PipetteID</u> | <u>Supervised By</u>                |
|----------------------------------------------------------------------------|----------------------|------------------------|------------------|------------------------|--------------------|-------------------------------------|------------------|-------------------------------------|
| 3923                                                                       | Baked Sodium Sulfate | <a href="#">EP2595</a> | 03/17/2025       | 07/01/2025             | RUPESHKUMAR SHAH   | Extraction_SC<br>ALE_2<br>(EX-SC-2) | None             | Riteshkumar Patel<br><br>03/17/2025 |
| <b><u>FROM</u></b> 4000.00000gram of E3551 = Final Quantity: 4000.000 gram |                      |                        |                  |                        |                    |                                     |                  |                                     |

| <u>Recipe ID</u>                                                                        | <u>NAME</u>                     | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipettelID</u> | <u>Supervised By</u>       |
|-----------------------------------------------------------------------------------------|---------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|-------------------|----------------------------|
| 84                                                                                      | Pest/PCB Surrogate Stock 20 PPM | <a href="#">PP23733</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None              | Yogesh Patel<br>10/03/2024 |
| <b><u>FROM</u></b> 1.00000ml of P13350 + 9.00000ml of E3805 = Final Quantity: 10.000 ml |                                 |                         |                  |                        |                    |                |                   |                            |

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                                     | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 202              | AR1660 1000/100 ppb working solution 1st source | <a href="#">PP23735</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                                                 |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.10000ml of P10483 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 203              | AR1660 750 PPB STD | <a href="#">PP23736</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.25000ml of E3805 + 0.75000ml of PP23735 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 204              | AR1660 500 PPB STD | <a href="#">PP23737</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.50000ml of E3805 + 0.50000ml of PP23735 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 205              | AR1660 250 PPB STD | <a href="#">PP23738</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.75000ml of E3805 + 0.25000ml of PP23735 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>       | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 206              | AR1660 50 PPB STD | <a href="#">PP23739</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                   |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.90000ml of E3805 + 0.10000ml of PP23737 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                      | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|----------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 213              | AR1221 1000 PPB WORKING SOLUTION | <a href="#">PP23740</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                                  |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.10000ml of P11581 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1079             | AR1221 750 PPB STD | <a href="#">PP23741</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.25000ml of E3805 + 0.75000ml of PP23740 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 222              | AR1221 500 PPB STD | <a href="#">PP23742</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.50000ml of E3805 + 0.50000ml of PP23740 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1080             | AR1221 250 PPB STD | <a href="#">PP23743</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.75000ml of E3805 + 0.25000ml of PP23740 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>       | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1081             | AR1221 50 PPB STD | <a href="#">PP23744</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                   |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.90000ml of E3805 + 0.10000ml of PP23742 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                      | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|----------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 214              | AR1232 1000 PPB WORKING SOLUTION | <a href="#">PP23745</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                                  |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.10000ml of P11587 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1063             | AR1232 750 PPB STD | <a href="#">PP23747</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.25000ml of E3805 + 0.75000ml of PP23745 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 223              | AR1232 500 PPB STD | <a href="#">PP23748</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.50000ml of E3805 + 0.50000ml of PP23745 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1064             | AR1232 250 PPB STD | <a href="#">PP23749</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.75000ml of E3805 + 0.25000ml of PP23745 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>       | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1065             | AR1232 50 PPB STD | <a href="#">PP23750</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                   |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.90000ml of E3805 + 0.10000ml of PP23748 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                 | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-----------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 215              | AR1242 1000 PPB WORKING STD | <a href="#">PP23751</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                             |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.10000ml of P12929 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1067             | AR1242 750 PPB STD | <a href="#">PP23752</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.25000ml of E3805 + 0.75000ml of PP23751 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 224              | AR1242 500 PPB STD | <a href="#">PP23753</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.50000ml of E3805 + 0.50000ml of PP23751 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1068             | AR1242 250 PPB STD | <a href="#">PP23754</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.75000ml of E3805 + 0.25000ml of PP23751 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>       | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1069             | AR1242 50 PPB STD | <a href="#">PP23755</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                   |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.90000ml of E3805 + 0.10000ml of PP23753 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                 | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-----------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 216              | AR1248 1000 PPB WORKING STD | <a href="#">PP23756</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                             |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.10000ml of P12934 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1075             | AR1248 750 PPB STD | <a href="#">PP23757</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.25000ml of E3805 + 0.75000ml of PP23756 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 225              | AR1248 500 PPB STD | <a href="#">PP23758</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.50000ml of E3805 + 0.50000ml of PP23756 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1076             | AR1248 250 PPB STD | <a href="#">PP23759</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.75000ml of E3805 + 0.25000ml of PP23756 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>       | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1077             | AR1248 50 PPB STD | <a href="#">PP23760</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                   |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.90000ml of E3805 + 0.10000ml of PP23758 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                 | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-----------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 217              | AR1254 1000 PPB WORKING STD | <a href="#">PP23761</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                             |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.10000ml of P11590 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1071             | AR1254 750 PPB STD | <a href="#">PP23762</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.25000ml of E3805 + 0.75000ml of PP23761 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 226              | AR1254 500 PPB STD | <a href="#">PP23763</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.50000ml of E3805 + 0.50000ml of PP23761 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1072             | AR1254 250 PPB STD | <a href="#">PP23764</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.75000ml of E3805 + 0.25000ml of PP23761 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>       | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1073             | AR1254 50 PPB STD | <a href="#">PP23765</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                   |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.90000ml of E3805 + 0.10000ml of PP23763 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                      | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|----------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1529             | AR1262 1000 PPB Working Solution | <a href="#">PP23766</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                                  |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.10000ml of P10500 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3753             | AR1262 750 PPB STD | <a href="#">PP23767</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.25000ml of E3805 + 0.75000ml of PP23766 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1530             | AR1262 500 PPB STD | <a href="#">PP23768</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.50000ml of E3805 + 0.50000ml of PP23766 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3754             | AR1262 250 PPB STD | <a href="#">PP23769</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.75000ml of E3805 + 0.25000ml of PP23766 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>       | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3755             | AR1262 50 PPB STD | <a href="#">PP23770</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                   |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.90000ml of E3805 + 0.10000ml of PP23768 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                      | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|----------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1532             | AR1268 1000 PPB Working Solution | <a href="#">PP23771</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                                  |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.10000ml of P11597 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3820             | AR1268 750 PPB STD | <a href="#">PP23772</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.25000ml of E3805 + 0.75000ml of PP23771 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1533             | AR1268 500 PPB STD | <a href="#">PP23773</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.50000ml of E3805 + 0.50000ml of PP23771 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3821             | AR1268 250 PPB STD | <a href="#">PP23774</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.75000ml of E3805 + 0.25000ml of PP23771 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>       | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3822             | AR1268 50 PPB STD | <a href="#">PP23775</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                   |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.90000ml of E3805 + 0.10000ml of PP23773 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                                 | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|---------------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 404              | AR1660 100 PPM Stock Solution<br>2nd Source | <a href="#">PP23776</a> | 10/03/2024       | 04/01/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                                             |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 1.00000ml of P12947 + 9.00000ml of E3804 = Final Quantity: 10.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                 | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-----------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 405              | AR1660 1000/100 PPB ICV STD | <a href="#">PP23777</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                             |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 98.50000ml of E3805 + 0.50000ml of PP23733 + 1.00000ml of PP23776 = Final Quantity: 100.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 406              | AR1660 500 PPB ICV | <a href="#">PP23778</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.50000ml of E3805 + 0.50000ml of PP23777 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                                     | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3789             | AR1221 1000 PPB WORKING SOL.2ND SOURCE(AGILENT) | <a href="#">PP23779</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                                                 |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 1.00000ml of P13372 + 98.50000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                 | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-----------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3790             | AR1221 500 PPB ICV(AGILENT) | <a href="#">PP23780</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                             |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.50000ml of E3805 + 0.50000ml of PP23779 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                                | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1887             | AR1232 1000 PPB Working Sol.<br>2nd Source | <a href="#">PP23781</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                                            |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 1.00000ml of P12698 + 98.50000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                                | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u>       |
|------------------|--------------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------------|
| 1889             | AR1242 1000 PPB Working Sol.<br>2nd Source | <a href="#">PP23782</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel<br>10/03/2024 |

**FROM** 1.00000ml of P11507 + 98.50000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u>       |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------------|
| 1888             | AR1232 500 PPB ICV | <a href="#">PP23783</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel<br>10/03/2024 |

**FROM** 0.50000ml of E3805 + 0.50000ml of PP23781 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1891             | AR1242 500 PPB ICV | <a href="#">PP23784</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.50000ml of E3805 + 0.50000ml of PP23782 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                                | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1890             | AR1248 1000 PPB Working Sol.<br>2nd Source | <a href="#">PP23785</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                                            |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.10000ml of P11512 + 98.50000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1892             | AR1248 500 PPB ICV | <a href="#">PP23786</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.50000ml of E3805 + 0.50000ml of PP23785 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                                | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1893             | AR1254 1000 PPB Working Sol.<br>2nd Source | <a href="#">PP23787</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                                            |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 1.00000ml of P12957 + 98.50000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|--------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1894             | AR1254 500 PPB ICV | <a href="#">PP23788</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                    |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.50000ml of E3805 + 0.50000ml of PP23787 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                                    | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|------------------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3757             | AR1262 1000 PPB Working Solution second source | <a href="#">PP23789</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                                                |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.10000ml of P13033 + 99.40000ml of E3805 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>            | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3758             | AR1262 500 PPB STD ICV | <a href="#">PP23790</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                        |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 0.50000ml of E3805 + 0.50000ml of PP23789 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                                 | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|---------------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3817             | AR1268 1000 ppb Working Soln.<br>2nd source | <a href="#">PP23946</a> | 11/07/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                                             |                         |                  |                        |                    |                |                  | 11/13/2024           |

**FROM** 1.00000ml of P11521 + 98.50000ml of E3825 + 0.50000ml of PP23733 = Final Quantity: 100.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>            | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3823             | AR1268 500 PPB STD ICV | <a href="#">PP23947</a> | 11/07/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                        |                         |                  |                        |                    |                |                  | 11/13/2024           |

**FROM** 0.50000ml of E3825 + 0.50000ml of PP23946 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                            | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|----------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3857             | 5000 PPB PCB SPIKE SOLUTION 2ND SOURCE | <a href="#">PP24209</a> | 02/27/2025       | 08/27/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                                        |                         |                  |                        |                    |                |                  | 03/06/2025           |

**FROM** 0.50000ml of P12948 + 99.50000ml of E3876 = Final Quantity: 100.000 ml



| <u>Recipe ID</u>                                                                            | <u>NAME</u>                      | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u>       |
|---------------------------------------------------------------------------------------------|----------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------------|
| 465                                                                                         | 200 PPB Pest/PCB Surrogate Spike | <a href="#">PP24217</a> | 03/05/2025       | 08/25/2025             | Abdul Mirza        | None           | None             | Yogesh Patel<br>03/06/2025 |
| <b><u>FROM</u></b> 1.00000ml of P13354 + 999.00000ml of E3876 = Final Quantity: 1000.000 ml |                                  |                         |                  |                        |                    |                |                  |                            |

## CHEMICAL RECEIPT LOG BOOK

| Supplier         | ItemCode / ItemName                      | Lot #      | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|------------------|------------------------------------------|------------|-----------------|-------------------------|-----------------------------|----------------|
| Seidler Chemical | BA-3382-05 / Sand, Purified (cs/4x2.5kg) | 0000243821 | 06/30/2025      | 04/30/2020 / RAJESH     | 04/28/2020 / RAJESH         | E2865          |

| Supplier                    | ItemCode / ItemName                                    | Lot #  | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|-----------------------------|--------------------------------------------------------|--------|-----------------|-------------------------|-----------------------------|----------------|
| PCI Scientific Supply, Inc. | PC19631-100 / SODIUM SULFATE, ANHYDROUS, PEST GRADE, 1 | 313201 | 07/01/2025      | 01/03/2024 / Rajesh     | 07/20/2023 / Rajesh         | E3551          |

| Supplier         | ItemCode / ItemName               | Lot #      | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|------------------|-----------------------------------|------------|-----------------|-------------------------|-----------------------------|----------------|
| Seidler Chemical | 9005-05 / Acetone Ultra (cs/4x4L) | 24E0761004 | 11/05/2025      | 10/01/2024 / Rajesh     | 09/25/2024 / Rajesh         | E3804          |

| Supplier         | ItemCode / ItemName                       | Lot #      | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|------------------|-------------------------------------------|------------|-----------------|-------------------------|-----------------------------|----------------|
| Seidler Chemical | BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L) | 24C1862008 | 03/30/2025      | 09/30/2024 / Rajesh     | 09/25/2024 / Rajesh         | E3805          |

| Supplier         | ItemCode / ItemName                       | Lot #      | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|------------------|-------------------------------------------|------------|-----------------|-------------------------|-----------------------------|----------------|
| Seidler Chemical | BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L) | 24G1962003 | 11/06/2025      | 11/06/2024 / Rajesh     | 11/01/2024 / Rajesh         | E3825          |

| Supplier         | ItemCode / ItemName                        | Lot #      | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|------------------|--------------------------------------------|------------|-----------------|-------------------------|-----------------------------|----------------|
| Seidler Chemical | BA-9254-03 / Acetone, Ultra Resi (cs/4x4L) | 24H2762008 | 08/25/2025      | 02/25/2025 /            | 02/12/2025 / Rajesh         | E3876          |

## CHEMICAL RECEIPT LOG BOOK

| Supplier         | ItemCode / ItemName                       | Lot #  | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|------------------|-------------------------------------------|--------|-----------------|-------------------------|-----------------------------|----------------|
| Seidler Chemical | BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L) | 243570 | 08/12/2025      | 02/12/2025 / Rajesh     | 02/12/2025 / Rajesh         | E3877          |

| Supplier         | ItemCode / ItemName                       | Lot #  | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|------------------|-------------------------------------------|--------|-----------------|-------------------------|-----------------------------|----------------|
| Seidler Chemical | BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L) | 243570 | 09/19/2025      | 03/19/2025 / RUPESH     | 03/13/2025 / RUPESH         | E3914          |

| Supplier         | ItemCode / ItemName                                     | Lot #      | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|------------------|---------------------------------------------------------|------------|-----------------|-------------------------|-----------------------------|----------------|
| Seidler Chemical | BA-9673-33 / Sulfuric Acid, Instra-Analyzed (cs/6c2.5L) | 0000281827 | 06/02/2025      | 06/01/2022 /            | 04/05/2022 / william        | M5173          |

| Supplier | ItemCode / ItemName                                              | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|------------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 32039 / PCB Mix, Aroclor 1016/1260, 1000ug/mL, hexane, 1mL/ampul | A0163157 | 04/03/2025      | 10/03/2024 / Ankita     | 03/19/2021 / Abdul          | P10483         |

| Supplier | ItemCode / ItemName                                       | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|-----------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 32409 / PCB Stock Solution, Aroclor 1262 Std, 1mL, Hexane | A0167722 | 04/03/2025      | 10/03/2024 / Ankita     | 03/19/2021 / Ankita         | P10500         |

| Supplier             | ItemCode / ItemName     | Lot #      | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------------------|-------------------------|------------|-----------------|-------------------------|-----------------------------|----------------|
| Agilent Technologies | PP-312-1 / Aroclor 1242 | 0006665550 | 04/03/2025      | 10/03/2024 / Ankita     | 02/21/2022 / Ankita         | P11507         |

## CHEMICAL RECEIPT LOG BOOK

| Supplier             | ItemCode / ItemName     | Lot #      | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------------------|-------------------------|------------|-----------------|-------------------------|-----------------------------|----------------|
| Agilent Technologies | PP-342-1 / Aroclor 1248 | 0006626997 | 04/03/2025      | 10/03/2024 / Ankita     | 02/21/2022 / Ankita         | P11512         |

| Supplier             | ItemCode / ItemName     | Lot #      | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------------------|-------------------------|------------|-----------------|-------------------------|-----------------------------|----------------|
| Agilent Technologies | PP-382-1 / Aroclor 1268 | 0006587800 | 05/07/2025      | 11/07/2024 / Ankita     | 02/21/2022 / Ankita         | P11521         |

| Supplier | ItemCode / ItemName                                         | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|-------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 32007 / PCB Mix, Aroclor 1221, 1000ug/mL, Hexane, 1mL/ampul | A0175456 | 04/03/2025      | 10/03/2024 / Ankita     | 03/18/2022 / Abdul          | P11581         |

| Supplier | ItemCode / ItemName                                         | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|-------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 32008 / PCB Mix, Aroclor 1232, 1000ug/mL, Hexane, 1mL/ampul | A0173309 | 04/03/2025      | 10/03/2024 / Ankita     | 03/18/2022 / Abdul          | P11587         |

| Supplier | ItemCode / ItemName                                         | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|-------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 32011 / PCB Mix, Aroclor 1254, 1000ug/mL, Hexane, 1mL/ampul | A0175403 | 04/03/2025      | 10/03/2024 / Ankita     | 03/18/2022 / Abdul          | P11590         |

| Supplier | ItemCode / ItemName                                       | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|-----------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 32410 / PCB Stock Solution, Aroclor 1268 Std, 1mL, Hexane | A0181782 | 04/03/2025      | 10/03/2024 / Ankita     | 03/18/2022 / Abdul          | P11597         |

## CHEMICAL RECEIPT LOG BOOK

| Supplier                | ItemCode / ItemName            | Lot #  | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|-------------------------|--------------------------------|--------|-----------------|-------------------------|-----------------------------|----------------|
| Absolute Standards, Inc | 91867 / Aroclor 1232 100 ug/mL | 020823 | 04/03/2025      | 10/03/2024 / Ankita     | 08/07/2023 / Ankita         | P12698         |

| Supplier | ItemCode / ItemName                                         | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|-------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 32009 / PCB Mix, Aroclor 1242, 1000ug/mL, Hexane, 1mL/ampul | a0203672 | 04/03/2025      | 10/03/2024 / Ankita     | 12/07/2023 / Ankita         | P12929         |

| Supplier | ItemCode / ItemName                                         | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|-------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 32010 / PCB Mix, Aroclor 1248, 1000ug/mL, Hexane, 1mL/ampul | a0202803 | 04/03/2025      | 10/03/2024 / Ankita     | 12/07/2023 / Ankita         | P12934         |

| Supplier                 | ItemCode / ItemName       | Lot #  | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|--------------------------|---------------------------|--------|-----------------|-------------------------|-----------------------------|----------------|
| Absolute Standards, Inc. | 20064 / Aroclor 1016/1260 | 022023 | 04/03/2025      | 10/03/2024 / Ankita     | 12/20/2023 / Yogesh         | P12947         |

| Supplier                 | ItemCode / ItemName       | Lot #  | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|--------------------------|---------------------------|--------|-----------------|-------------------------|-----------------------------|----------------|
| Absolute Standards, Inc. | 20064 / Aroclor 1016/1260 | 022023 | 08/27/2025      | 02/27/2025 / Ankita     | 12/20/2023 / Yogesh         | P12948         |

| Supplier                 | ItemCode / ItemName | Lot #  | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|--------------------------|---------------------|--------|-----------------|-------------------------|-----------------------------|----------------|
| Absolute Standards, Inc. | / Aroclor 1254      | 121823 | 04/03/2025      | 10/03/2024 / Ankita     | 12/20/2023 / Yogesh         | P12957         |

## CHEMICAL RECEIPT LOG BOOK

| Supplier                | ItemCode / ItemName  | Lot #  | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|-------------------------|----------------------|--------|-----------------|-------------------------|-----------------------------|----------------|
| Absolute Standards, Inc | 90165 / Aroclor 1262 | 112322 | 04/03/2025      | 10/03/2024 / Ankita     | 12/20/2023 / Yogesh         | P13033         |

| Supplier | ItemCode / ItemName                                                                | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|------------------------------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL | A0206810 | 04/03/2025      | 10/03/2024 / Ankita     | 04/22/2024 / Abdul          | P13350         |

| Supplier | ItemCode / ItemName                                                                | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|------------------------------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL | A0206810 | 09/05/2025      | 03/05/2025 / Abdul      | 04/22/2024 / Abdul          | P13354         |

| Supplier             | ItemCode / ItemName     | Lot #      | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------------------|-------------------------|------------|-----------------|-------------------------|-----------------------------|----------------|
| Agilent Technologies | PP-292-1 / Aroclor 1221 | 0006783205 | 04/03/2025      | 10/03/2024 / Ankita     | 05/02/2024 / Ankita         | P13372         |

| Supplier         | ItemCode / ItemName | Lot #               | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|------------------|---------------------|---------------------|-----------------|-------------------------|-----------------------------|----------------|
| Seidler Chemical | DIW / DI Water      | Daily Lab-Certified | 07/03/2029      | 07/03/2024 / Iwona      | 07/03/2024 / Iwona          | W3112          |

Sand  
Purified  
Washed and Ignited



Material No.: 3382-05  
Batch No.: 0000243821  
Manufactured Date: 2018/04/09  
Retest Date: 2025/04/07  
Revision No: 1

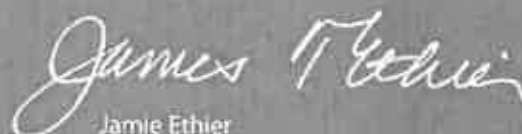
## Certificate of Analysis

| Test                      | Specification | Result |
|---------------------------|---------------|--------|
| Substances Soluble in HCl | $\leq 0.16\%$ | 0.01   |

For Laboratory, Research or Manufacturing Use  
Meets Reagent Specifications for testing USP/NF monographs

Country of Origin: US  
Packaging Site: Paris Mfg Ctr & DC

E 2865

  
Jamie Ethier  
Vice President Global Quality

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials, LLC  
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700



**PRODUCTOS  
QUÍMICOS  
MONTERREY, S.A. DE C.V.**

MIRADOR 201, COL. MIRADOR  
MONTERREY, N.L. MEXICO  
CP 64070  
TEL +52 81 13 52 57 57  
www.pqm.com.mx

## CERTIFICATE OF ANALYSIS

|                        |                                   |               |                                 |
|------------------------|-----------------------------------|---------------|---------------------------------|
| PRODUCT :              | SODIUM SULFATE CRYSTALS ANHYDROUS |               |                                 |
| QUALITY :              | ACS (CODE RMB3375)                | FORMULA :     | Na <sub>2</sub> SO <sub>4</sub> |
| SPECIFICATION NUMBER : | 6399                              | RELEASE DATE: | ABR/21/2023                     |
| LOT NUMBER :           | 313201                            |               |                                 |

| TEST                                     | SPECIFICATIONS | LOT VALUES  |
|------------------------------------------|----------------|-------------|
| Assay (Na <sub>2</sub> SO <sub>4</sub> ) | Min. 99.0%     | 99.7 %      |
| pH of a 5% solution at 25°C              | 5.2 - 9.2      | 6.1         |
| Insoluble matter                         | Max. 0.01%     | 0.005 %     |
| Loss on ignition                         | Max. 0.5%      | 0.1 %       |
| Chloride (Cl)                            | Max. 0.001%    | <0.001 %    |
| Nitrogen compounds (as N)                | Max. 5 ppm     | <5 ppm      |
| Phosphate (PO <sub>4</sub> )             | Max. 0.001%    | <0.001 %    |
| Heavy metals (as Pb)                     | Max. 5 ppm     | <5 ppm      |
| Iron (Fe)                                | Max. 0.001%    | <0.001 %    |
| Calcium (Ca)                             | Max. 0.01%     | 0.002 %     |
| Magnesium (Mg)                           | Max. 0.005%    | 0.001 %     |
| Potassium (K)                            | Max. 0.008%    | 0.003 %     |
| Extraction-concentration suitability     | Passes test    | Passes test |
| Appearance                               | Passes test    | Passes test |
| Identification                           | Passes test    | Passes test |
| Solubility and foreign matter            | Passes test    | Passes test |
| Retained on US Standard No. 10 sieve     | Max. 1%        | 0.1 %       |
| Retained on US Standard No. 60 sieve     | Min. 94%       | 97.3 %      |
| Through US Standard No. 60 sieve         | Max. 5%        | 2.5 %       |
| Through US Standard No. 100 sieve        | Max. 10%       | 0.1 %       |

### COMMENTS

QC: PhC Irma Belmares

If you need further details, please call our factory or contact our local distributor.

Recd. by R3 on 7/24/23 E 3551

RC-02-01, Ed. 3

Material No.: 9005-05  
Batch No.: 24E0761004  
Manufactured Date: 2024-05-02  
Retest Date: 2029-05-01  
Revision No.: 0

## Certificate of Analysis

| Test                                                                    | Specification | Result      |
|-------------------------------------------------------------------------|---------------|-------------|
| Assay ((CH <sub>3</sub> ) <sub>2</sub> CO) (by GC, corrected for water) | ≥ 99.5 %      | 99.8 %      |
| Color (APHA)                                                            | ≤ 10          | < 5         |
| Residue after Evaporation                                               | ≤ 5 ppm       | < 1 ppm     |
| Titration Acid (μeq/g)                                                  | ≤ 0.3         | 0.1         |
| Titration Base (μeq/g)                                                  | ≤ 0.5         | 0.1         |
| Water (H <sub>2</sub> O)                                                | ≤ 0.5 %       | 0.1 %       |
| Solubility in H <sub>2</sub> O                                          | Passes Test   | Passes Test |
| Chloride (Cl)                                                           | ≤ 0.2 ppm     | < 0.2 ppm   |
| Phosphate (PO <sub>4</sub> )                                            | ≤ 0.05 ppm    | < 0.05 ppm  |
| Trace Impurities – Aluminum (Al)                                        | ≤ 50.0 ppb    | < 5.0 ppb   |
| Arsenic and Antimony (as As)                                            | ≤ 5.0 ppb     | < 5.0 ppb   |
| Trace Impurities – Barium (Ba)                                          | ≤ 20.0 ppb    | < 1.0 ppb   |
| Trace Impurities – Beryllium (Be)                                       | ≤ 10.0 ppb    | < 1.0 ppb   |
| Trace Impurities – Bismuth (Bi)                                         | ≤ 20.0 ppb    | < 10.0 ppb  |
| Trace Impurities – Boron (B)                                            | ≤ 10.0 ppb    | < 5.0 ppb   |
| Trace Impurities – Cadmium (Cd)                                         | ≤ 10.0 ppb    | < 1.0 ppb   |
| Trace Impurities – Calcium (Ca)                                         | ≤ 25.0 ppb    | 3.6 ppb     |
| Trace Impurities – Chromium (Cr)                                        | ≤ 10.0 ppb    | < 1.0 ppb   |
| Trace Impurities – Cobalt (Co)                                          | ≤ 10.0 ppb    | < 1.0 ppb   |
| Trace Impurities – Copper (Cu)                                          | ≤ 10.0 ppb    | < 1.0 ppb   |
| Trace Impurities – Gallium (Ga)                                         | ≤ 10.0 ppb    | < 1.0 ppb   |
| Trace Impurities – Germanium (Ge)                                       | ≤ 10.0 ppb    | < 10.0 ppb  |
| Trace Impurities – Gold (Au)                                            | ≤ 20 ppb      | < 5 ppb     |
| Trace Impurities – Iron (Fe)                                            | ≤ 20.0 ppb    | < 1.0 ppb   |
| Trace Impurities – Lead (Pb)                                            | ≤ 10.0 ppb    | < 10.0 ppb  |
| Trace Impurities – Lithium (Li)                                         | ≤ 10.0 ppb    | < 1.0 ppb   |
| Trace Impurities – Magnesium (Mg)                                       | ≤ 20 ppb      | < 1 ppb     |
| Trace Impurities – Manganese (Mn)                                       | ≤ 10.0 ppb    | < 1.0 ppb   |

Recd by RP on 9/25/24

E 3804

>>> Continued on page 2 >>>

Acetone  
CMOS

 **avantor™**



Material No.: 9005-05  
Batch No.: 24E0761004

| Test                                              | Specification | Result     |
|---------------------------------------------------|---------------|------------|
| Trace Impurities – Molybdenum (Mo)                | ≤ 10.0 ppb    | < 5.0 ppb  |
| Trace Impurities – Nickel (Ni)                    | ≤ 10.0 ppb    | < 5.0 ppb  |
| Trace Impurities – Niobium (Nb)                   | ≤ 50.0 ppb    | < 1.0 ppb  |
| Trace Impurities – Potassium (K)                  | ≤ 10.0 ppb    | < 10.0 ppb |
| Trace Impurities – Silicon (Si)                   | ≤ 50 ppb      | < 10 ppb   |
| Trace Impurities – Silver (Ag)                    | ≤ 10.0 ppb    | < 1.0 ppb  |
| Trace Impurities – Sodium (Na)                    | ≤ 10.0 ppb    | < 1.0 ppb  |
| Trace Impurities – Strontium (Sr)                 | ≤ 10.0 ppb    | < 1.0 ppb  |
| Trace Impurities – Tantalum (Ta)                  | ≤ 50.0 ppb    | < 5.0 ppb  |
| Trace Impurities – Thallium (Tl)                  | ≤ 10.0 ppb    | < 5.0 ppb  |
| Trace Impurities – Tin (Sn)                       | ≤ 20.0 ppb    | < 10.0 ppb |
| Trace Impurities – Titanium (Ti)                  | ≤ 10.0 ppb    | < 1.0 ppb  |
| Trace Impurities – Vanadium (V)                   | ≤ 10.0 ppb    | < 1.0 ppb  |
| Trace Impurities – Zinc (Zn)                      | ≤ 20.0 ppb    | 7.9 ppb    |
| Trace Impurities – Zirconium (Zr)                 | ≤ 10.0 ppb    | < 1.0 ppb  |
| Particle Count – 0.5 µm and greater (Rion KS42AF) | ≤ 100 par/ml  | 8 par/ml   |
| Particle Count – 1.0 µm and greater (Rion KS42AF) | ≤ 8 par/ml    | 2 par/ml   |

>>> Continued on page 3 >>>

Acetone  
CMOS

 **avantor™**



Material No.: 9005-05  
Batch No.: 24E0761004

| Test | Specification | Result |
|------|---------------|--------|
|------|---------------|--------|

For Microelectronic Use

Country of Origin: USA  
Packaging Site: Paris Mfg Ctr & DC



Michelle Bales  
Sr. Manager, Quality Assurance

Hexanes (95% n-hexane)  
BAKER RESI-ANALYZED® Reagent  
For Organic Residue Analysis

Avantor™



Material No.: 9262-03  
Batch No.: 24C1862008  
Manufactured Date: 2024-01-30  
Expiration Date: 2025-04-30  
Revision No.: 0

## Certificate of Analysis

| Test                                                                            | Specification | Result      |
|---------------------------------------------------------------------------------|---------------|-------------|
| FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)            | ≤ 5           | < 1         |
| ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)            | ≤ 10          | 1           |
| ECD-Sensitive Impurities (as Ethylene Dibromide) - Single Impurity Peak (ng/mL) | ≤ 5           | 1           |
| Assay (Total Saturated C <sub>6</sub> Isomers) (by GC, corrected for water)     | ≥ 99.5 %      | 99.7 %      |
| Assay (as n-Hexane) (by GC, corrected for water)                                | ≥ 95 %        | 98 %        |
| Color (APHA)                                                                    | ≤ 10          | 5           |
| Residue after Evaporation                                                       | ≤ 1.0 ppm     | 0.4 ppm     |
| Substances Darkened by H <sub>2</sub> SO <sub>4</sub>                           | Passes Test   | Passes Test |
| Water (by KF, coulometric)                                                      | ≤ 0.05 %      | < 0.01 %    |

For Laboratory, Research, or Manufacturing Use  
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: USA  
Packaging Site: Phillipsburg Mfg Ctr & DC

Recd. by RP on 9/25/24

E 3805

Jamie Croak  
Director Quality Operations, Bioscience Production

n-Hexane 95%  
ULTRA RESI-ANALYZED  
For Organic Residue Analysis



Material No.: 9262-03  
Batch No.: 24G1962003  
Manufactured Date: 2024-05-23  
Expiration Date: 2025-08-22  
Revision No.: 0

## Certificate of Analysis

| Test                                                                            | Specification  | Result      |
|---------------------------------------------------------------------------------|----------------|-------------|
| FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)            | $\leq 5$       | 3           |
| ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)            | $\leq 10$      | 1           |
| ECD-Sensitive Impurities (as Ethylene Dibromide) - Single Impurity Peak (ng/mL) | $\leq 5$       | 1           |
| Assay (Total Saturated C <sub>6</sub> Isomers) (by GC, corrected for water)     | $\geq 99.5 \%$ | 99.7 %      |
| Assay (as n-Hexane) (by GC, corrected for water)                                | $\geq 95 \%$   | 98 %        |
| Color (APHA)                                                                    | $\leq 10$      | 5           |
| Residue after Evaporation                                                       | $\leq 1.0$ ppm | 0.1 ppm     |
| Substances Darkened by H <sub>2</sub> SO <sub>4</sub>                           | Passes Test    | Passes Test |
| Water (by KF, coulometric)                                                      | $\leq 0.05 \%$ | < 0.01 %    |

For Laboratory, Research, or Manufacturing Use  
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: USA  
Packaging Site: Phillipsburg Mfg Ctr & DC

£ 3825

Jamie Croak  
Director Quality Operations, Bioscience Production

Acetone  
BAKER RESI-ANALYZED® Reagent  
For Organic Residue Analysis

 **avantors**™



Material No.: 9254-03

Batch No.: 24H2762008

Manufactured Date: 2024-04-18

Expiration Date: 2027-04-18

Revision No.: 0

## Certificate of Analysis

| Test                                                                    | Specification | Result      |
|-------------------------------------------------------------------------|---------------|-------------|
| Assay ((CH <sub>3</sub> ) <sub>2</sub> CO) (by GC, corrected for water) | >= 99.4 %     | 100.0 %     |
| Color (APHA)                                                            | <= 10         | 5           |
| Residue after Evaporation                                               | <= 1.0 ppm    | 0.0 ppm     |
| Substances Reducing Permanganate                                        | Passes Test   | Passes Test |
| Titration Acid (μeq/g)                                                  | <= 0.3        | 0.2         |
| Titration Base (μeq/g)                                                  | <= 0.6        | <0.1        |
| Water (H <sub>2</sub> O)                                                | <= 0.5 %      | <0.1 %      |
| FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)    | <= 5          | 1           |
| ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)    | <= 10         | 1           |

For Laboratory, Research, or Manufacturing Use  
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States  
Packaging Site: Phillipsburg Mfg Ctr & DC

Recd. by RP on 2/12/25

E 3876



Jamie Croak  
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials LLC

## Certificate of Analysis

1 Reagent Lane  
 Fair Lawn, NJ 07410  
 201.796.7100 tel  
 201.796.1329 fax

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System  
 Standard ISO9001:2015 by SAI Global Certificate Number CERT – 0120633

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Thermo Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to humans or animals. It is the responsibility of the final formulator and end user to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

|                   |                                                                                                                                                                                                   |                             |            |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|------------|
| Catalog Number    | H303                                                                                                                                                                                              | Quality Test / Release Date | 11/07/2024 |
| Lot Number        | 243570                                                                                                                                                                                            |                             |            |
| Description       | HEXANES - OPTIMA                                                                                                                                                                                  |                             |            |
| Country of Origin | United States                                                                                                                                                                                     | Suggested Retest Date       | Nov/2029   |
| Chemical Origin   | Organic - non animal                                                                                                                                                                              |                             |            |
| BSE/TSE Comment   | No animal products are used as starting raw material ingredients, or used in processing, including lubricants, processing aids, or any other material that might migrate to the finished product. |                             |            |

| N/A                         |            |                                 |                         |
|-----------------------------|------------|---------------------------------|-------------------------|
| Result Name                 | Units      | Specifications                  | Test Value              |
| APPEARANCE                  |            | REPORT                          | Clear, colorless liquid |
| ASSAY (N-HEXANE)            | %          | >= 60                           | 69                      |
| ASSAY (SUM C6 HYDROCARBONS) | %          | >= 99.9                         | >99.9                   |
| COLOR                       | APHA       | <= 5                            | <5                      |
| DENSITY AT 25 DEGREES C     | GM/ML      | Inclusive Between 0.653 - 0.673 | 0.669                   |
| EVAPORATION RESIDUE         | ppm        | <= 1                            | <1                      |
| FLUORESCENCE BACKGROUND     | ppb        | <= 1                            | <1                      |
| IDENTIFICATION              | PASS/FAIL  | = PASS TEST                     | PASS TEST               |
| OPTICAL ABS AT 195 NM       | ABS. UNITS | <= 1                            | 0.74                    |
| OPTICAL ABS AT 210 NM       | ABS. UNITS | <= 0.25                         | 0.17                    |
| OPTICAL ABS AT 220 NM       | ABS. UNITS | <= 0.07                         | 0.05                    |
| OPTICAL ABS AT 254 NM       | ABS. UNITS | <= 0.005                        | 0.001                   |
| PESTICIDE RESIDUE ANALYSIS  | NG/L       | <= 10                           | <10                     |
| REFRACTIVE INDEX @ 25 DEG C |            | Inclusive Between 1.375 - 1.385 | 1.379                   |
| SUITABILITY FOR GC/MS       |            | = PASS TEST                     | PASS TEST               |
| SULFUR COMPOUNDS            | %          | <= 0.005                        | <0.005                  |
| THIOPHENE                   | PASS/FAIL  | = PASS TEST                     | PASS TEST               |
| WATER (H2O)                 | %          | <= 0.01                         | <0.01                   |
| WATER-SOLUBLE TITRABLE ACID | MEQ/G      | <= 0.0003                       | 0.0001                  |

Recd. by RP on 2/12/25

*Harout Sahagian* E3877

Harout Sahagian - Quality Control Manager - Fair Lawn

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of this catalog number listed above.

If there are any questions with this certificate, please call at (800) 227-6701.

\*Based on suggested storage condition.

## Certificate of Analysis

1 Reagent Lane  
 Fair Lawn, NJ 07410  
 201.796.7100 tel  
 201.796.1329 fax

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System  
 Standard ISO9001:2015 by SAI Global Certificate Number CERT - 0120633

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Thermo Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to humans or animals. It is the responsibility of the final formulator and end user to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

|                   |                                                                                                                                                                                                   |                             |            |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|------------|
| Catalog Number    | H303                                                                                                                                                                                              | Quality Test / Release Date | 11/07/2024 |
| Lot Number        | 243570                                                                                                                                                                                            |                             |            |
| Description       | HEXANES - OPTIMA                                                                                                                                                                                  |                             |            |
| Country of Origin | United States                                                                                                                                                                                     | Suggested Retest Date       | Nov/2029   |
| Chemical Origin   | Organic - non animal                                                                                                                                                                              |                             |            |
| BSE/TSE Comment   | No animal products are used as starting raw material ingredients, or used in processing, including lubricants, processing aids, or any other material that might migrate to the finished product. |                             |            |

| N/A                         |            |                                 |                         |
|-----------------------------|------------|---------------------------------|-------------------------|
| Result Name                 | Units      | Specifications                  | Test Value              |
| APPEARANCE                  |            | REPORT                          | Clear, colorless liquid |
| ASSAY (N-HEXANE)            | %          | >= 60                           | 69                      |
| ASSAY (SUM C6 HYDROCARBONS) | %          | >= 99.9                         | >99.9                   |
| COLOR                       | APHA       | <= 5                            | <5                      |
| DENSITY AT 25 DEGREES C     | GM/ML      | Inclusive Between 0.653 - 0.673 | 0.669                   |
| EVAPORATION RESIDUE         | ppm        | <= 1                            | <1                      |
| FLUORESCENCE BACKGROUND     | ppb        | <= 1                            | <1                      |
| IDENTIFICATION              | PASS/FAIL  | = PASS TEST                     | PASS TEST               |
| OPTICAL ABS AT 195 NM       | ABS. UNITS | <= 1                            | 0.74                    |
| OPTICAL ABS AT 210 NM       | ABS. UNITS | <= 0.25                         | 0.17                    |
| OPTICAL ABS AT 220 NM       | ABS. UNITS | <= 0.07                         | 0.05                    |
| OPTICAL ABS AT 254 NM       | ABS. UNITS | <= 0.005                        | 0.001                   |
| PESTICIDE RESIDUE ANALYSIS  | NG/L       | <= 10                           | <10                     |
| REFRACTIVE INDEX @ 25 DEG C |            | Inclusive Between 1.375 - 1.385 | 1.379                   |
| SUITABILITY FOR GC/MS       |            | = PASS TEST                     | PASS TEST               |
| SULFUR COMPOUNDS            | %          | <= 0.005                        | <0.005                  |
| THIOPHENE                   | PASS/FAIL  | = PASS TEST                     | PASS TEST               |
| WATER (H2O)                 | %          | <= 0.01                         | <0.01                   |
| WATER-SOLUBLE TITRABLE ACID | MEQ/G      | <= 0.0003                       | 0.0001                  |

Recd by RS on 3/14/25



E3914

Harout Sahagian - Quality Control Manager - Fair Lawn

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of this catalog number listed above.  
 If there are any questions with this certificate, please call at (800) 227-6701.

\*Based on suggested storage condition.

Hydrochloric Acid, 36.5–38.0%  
BAKER INSTRA-ANALYZED® Reagent  
For Trace Metal Analysis



Material No.: 9530-33  
Batch No.: 0000281827  
Manufactured Date: 2021/03/30  
Retest Date: 2026/03/29  
Revision No: 1

## Certificate of Analysis

| Test                                      | Specification | Result  |
|-------------------------------------------|---------------|---------|
| ACS – Assay (as HCl) (by acid–base titrn) | 36.5 – 38.0 % | 37.6    |
| ACS – Color (APHA)                        | <= 10         | 5       |
| ACS – Residue after Ignition              | <= 3 ppm      | 1       |
| ACS – Specific Gravity at 60°/60°F        | 1.185 – 1.192 | 1.189   |
| ACS – Bromide (Br)                        | <= 0.005 %    | < 0.005 |
| ACS – Extractable Organic Substances      | <= 5 ppm      | < 1     |
| ACS – Free Chlorine (as Cl <sub>2</sub> ) | <= 0.5 ppm    | < 0.5   |
| Phosphate (PO <sub>4</sub> )              | <= 0.05 ppm   | < 0.03  |
| Sulfate (SO <sub>4</sub> )                | <= 0.5 ppm    | < 0.3   |
| Sulfite (SO <sub>3</sub> )                | <= 0.8 ppm    | 0.3     |
| Ammonium (NH <sub>4</sub> )               | <= 3 ppm      | < 1     |
| Trace Impurities – Arsenic (As)           | <= 0.010 ppm  | < 0.003 |
| Trace Impurities – Aluminum (Al)          | <= 10.0 ppb   | 0.5     |
| Arsenic and Antimony (as As)              | <= 5 ppb      | < 3     |
| Trace Impurities – Barium (Ba)            | <= 1.0 ppb    | < 0.2   |
| Trace Impurities – Beryllium (Be)         | <= 1.0 ppb    | < 0.2   |
| Trace Impurities – Bismuth (Bi)           | <= 10.0 ppb   | < 1.0   |
| Trace Impurities – Boron (B)              | <= 20.0 ppb   | < 5.0   |
| Trace Impurities – Cadmium (Cd)           | <= 1.0 ppb    | < 0.3   |
| Trace Impurities – Calcium (Ca)           | <= 50.0 ppb   | 15.0    |
| Trace Impurities – Chromium (Cr)          | <= 1.0 ppb    | < 0.4   |
| Trace Impurities – Cobalt (Co)            | <= 1.0 ppb    | < 0.3   |
| Trace Impurities – Copper (Cu)            | <= 1.0 ppb    | < 0.1   |
| Trace Impurities – Gallium (Ga)           | <= 1.0 ppb    | < 0.2   |

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700  
Avantor Performance Materials, LLC  
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700

| Test                                                   | Specification | Result |
|--------------------------------------------------------|---------------|--------|
| Trace Impurities – Germanium (Ge)                      | <= 3.0 ppb    | < 2.0  |
| Trace Impurities – Gold (Au)                           | <= 4.0 ppb    | 3.0    |
| Heavy Metals (as Pb)                                   | <= 100 ppb    | < 50   |
| Trace Impurities – Iron (Fe)                           | <= 15.0 ppb   | 1.0    |
| Trace Impurities – Lead (Pb)                           | <= 1.0 ppb    | < 0.5  |
| Trace Impurities – Lithium (Li)                        | <= 1.0 ppb    | < 0.2  |
| Trace Impurities – Magnesium (Mg)                      | <= 10.0 ppb   | < 0.4  |
| Trace Impurities – Manganese (Mn)                      | <= 1.0 ppb    | < 0.4  |
| Trace Impurities – Mercury (Hg)                        | <= 0.5 ppb    | 0.2    |
| Trace Impurities – Molybdenum (Mo)                     | <= 10.0 ppb   | < 5.0  |
| Trace Impurities – Nickel (Ni)                         | <= 4.0 ppb    | < 0.3  |
| Trace Impurities – Niobium (Nb)                        | <= 1.0 ppb    | < 0.2  |
| Trace Impurities – Potassium (K)                       | <= 9.0 ppb    | < 2.0  |
| Trace Impurities – Selenium (Se), For Information Only | ppb           | 1.0    |
| Trace Impurities – Silicon (Si)                        | <= 100.0 ppb  | 18.0   |
| Trace Impurities – Silver (Ag)                         | <= 1.0 ppb    | < 0.3  |
| Trace Impurities – Sodium (Na)                         | <= 100.0 ppb  | < 5.0  |
| Trace Impurities – Strontium (Sr)                      | <= 1.0 ppb    | < 0.2  |
| Trace Impurities – Tantalum (Ta)                       | <= 1.0 ppb    | < 0.9  |
| Trace Impurities – Thallium (Tl)                       | <= 5.0 ppb    | < 2.0  |
| Trace Impurities – Tin (Sn)                            | <= 5.0 ppb    | < 0.8  |
| Trace Impurities – Titanium (Ti)                       | <= 1.0 ppb    | < 0.2  |
| Trace Impurities – Vanadium (V)                        | <= 1.0 ppb    | < 0.2  |
| Trace Impurities – Zinc (Zn)                           | <= 5.0 ppb    | 0.4    |
| Trace Impurities – Zirconium (Zr)                      | <= 1.0 ppb    | < 0.1  |

For Laboratory, Research or Manufacturing Use

Product Information (not specifications):

Appearance (clear, fuming liquid)

Meets ACS Specifications

Country of Origin: US

Packaging Site: Phillipsburg Mfg Ctr & DC

  
Jamie Ethier  
Vice President Global Quality



**CERTIFIED REFERENCE MATERIAL**

110 Benner Circle  
Bellefonte, PA 16823-8812  
Tel: (800)356-1688  
Fax: (814)353-1309

www.restek.com

# Certificate of Analysis



## FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 32039 **Lot No.:** A0163157

**Description :** Aroclor® 1016/1260 Mix  
Aroclor® 1016/1260 Mix 1,000 µg/mL, Hexane, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** November 30, 2026 **Storage:** 25°C nominal

**Handling:** This product contains PCBs. **Ship:** Ambient

## CERTIFIED VALUES

| Elution Order | Compound                                                  | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2)                                                       |
|---------------|-----------------------------------------------------------|-----------------------------|--------------------------------------------------------------------------------------------|
| 1             | Aroclor 1016<br>CAS # 12674-11-2 (Lot 04)<br>Purity ----% | 1,007.0 µg/mL               | +/- 5.8683 µg/mL Gravimetric<br>+/- 31.9082 µg/mL Unstressed<br>+/- 41.6868 µg/mL Stressed |
| 2             | Aroclor 1260<br>CAS # 11096-82-5 (Lot 07)<br>Purity ----% | 1,008.0 µg/mL               | +/- 5.8741 µg/mL Gravimetric<br>+/- 31.9399 µg/mL Unstressed<br>+/- 41.7282 µg/mL Stressed |

**Solvent:** Hexane  
CAS # 110-54-3  
Purity 99%

P 10476

P 10480

AR  
02/19/21

**Column:**

30m x .25mm x .2um  
Rtx-CLP II (cat.# 11323)

**Carrier Gas:**

helium-constant pressure 20 psi.

**Temp. Program:**

200°C to 300°C  
@ 25°C/min. ( hold 10 min.)

**Inj. Temp:**

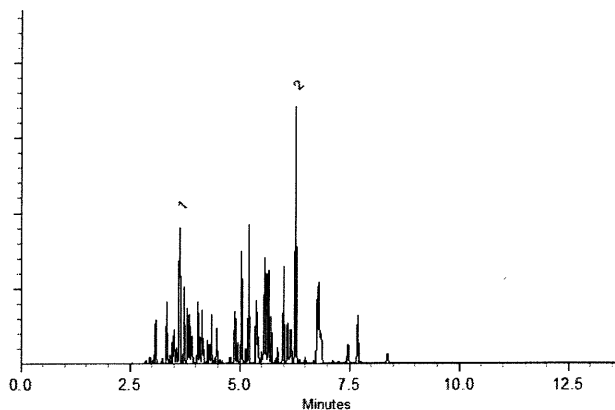
250°C

**Det. Temp:**

300°C

**Det. Type:**

ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Tom Suckar - Mix Technician

Date Mixed: 03-Aug-2020

Balance: B442140311

Justine Albertson - Operations Tech-ARM QC

Date Passed: 05-Aug-2020

Manufactured under Restek's ISO 9001:2015  
Registered Quality System  
Certificate #FM 80397



CERTIFIED REFERENCE MATERIAL

110 Benner Circle  
Bellefonte, PA 16823-8812  
Tel: (800)356-1688  
Fax: (814)353-1309

www.restek.com

## Certificate of Analysis



### FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

Catalog No. : 32409 Lot No.: A0167722  
Description : Aroclor® 1262 Standard  
Aroclor® 1262 Standard 1,000 µg/mL, 1mL/ampul, Hexane  
Container Size : 2 mL Pkg Amt: > 1 mL  
Expiration Date : April 30, 2027 Storage: 25°C nominal  
Handling: This product contains PCBs. Ship: Ambient

### CERTIFIED VALUES

| Elution Order | Compound                        | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) |
|---------------|---------------------------------|-----------------------------|--------------------------------------|
| 1             | Aroclor 1262                    | 1,004.0 µg/mL               | +/- 5.9635 µg/mL Gravimetric         |
|               | CAS # 37324-23-5 (Lot 10849100) |                             | +/- 31.8340 µg/mL Unstressed         |
|               | Purity ----%                    |                             | +/- 41.5787 µg/mL Stressed           |

Solvent: Hexane  
CAS # 110-54-3  
Purity 99%

P10496  
↓  
P10500

AJ  
09/19/21

**Column:**  
30m x .25mm x .2um  
Rtx-CLP II (cat.# 11323)

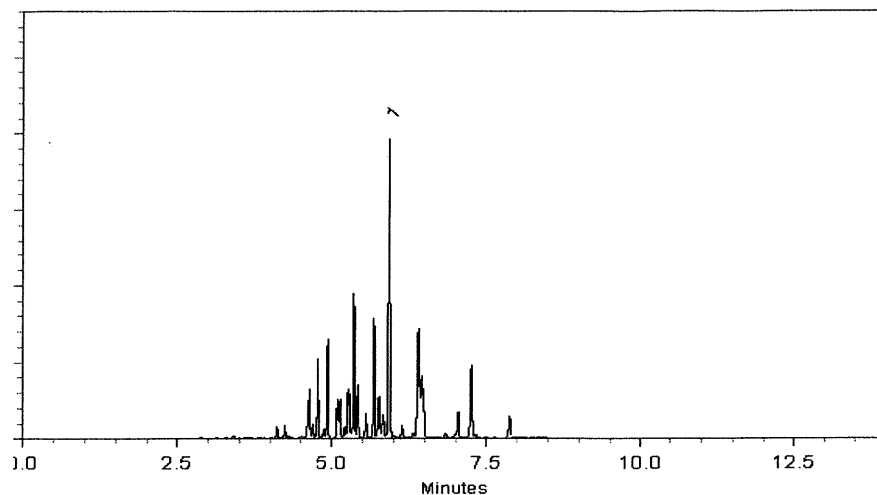
**Carrier Gas:**  
helium-constant pressure 20 psi.

**Temp. Program:**  
200°C to 300°C  
@ 25°C/min. ( hold 10 min.)

**Inj. Temp:**  
250°C

**Det. Temp:**  
300°C

**Det. Type:**  
ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

*Sam Moodler*  
Sam Moodler - Operations Tech I

**Date Mixed:** 03-Jan-2021

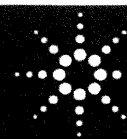
**Balance:** B707717271

*Marlene Cowan*  
Marlene Cowan - Operations Tech I

**Date Passed:** 05-Jan-2021

Manufactured under Restek's ISO 9001:2015  
Registered Quality System  
Certificate #FM 80397

ISO 17034



Agilent

Trusted Answers

## Reference Material Certificate

Product Name: Aroclor 1242 Standard

Lot Number: 0006665550

Product Number: PP-312-1

Lot Issue Date: 08-Feb-2022

Storage Conditions: Store at Room Temperature (15° to 30°C).

Expiration Date: 31-Jan-2027

| Component Name | CERTIFIED VALUES |                      |  | CAS#        | Analyte Lot |
|----------------|------------------|----------------------|--|-------------|-------------|
|                | Concentration    | Expanded Uncertainty |  |             |             |
| Aroclor 1242   | 100.4            | ± 0.5 µg/mL          |  | 053469-21-9 | NT01020     |

Matrix: isooctane (2,2,4-trimethylpentane)

**Description:**

This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

**Traceability:**

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

**Homogeneity:**

This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

**Instructions for Use:**

Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

**Safety:**

Refer to the Safety Data Sheet on [www.agilent.com](http://www.agilent.com) for information regarding this analytical reference material.

**Intended Use:**

This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

**Expiration of Certification:**

The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P11503  
↓  
P11507

AJ  
02/21/22

Page: 1 of 2

CSD-QA-015.1

ISO 17034



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**Maintenance of Certification:**

If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

**Sample lot approver:**

Monica Bourgeois  
QMS Representative



ISO 17034 Cert  
No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO 9001:2015  
Quality Management System. Cert# 951215321

Page: 2 of 2

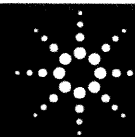
[www.agilent.com/quality/](http://www.agilent.com/quality/)

CSD-QA-015.1



ISO 17025  
Cert No. AT-

ISO 17034



Agilent

Trusted Answers

## Reference Material Certificate

Product Name: Aroclor 1248 Standard

Lot Number: 0006626997

Product Number: PP-342-1

Lot Issue Date: 17-Aug-2021

Storage Conditions: Store at Room Temperature (15° to 30°C).

Expiration Date: 30-Sep-2025

| Component Name | CERTIFIED VALUES |                      | CAS#        | Analyte Lot |
|----------------|------------------|----------------------|-------------|-------------|
|                | Concentration    | Expanded Uncertainty |             |             |
| Aroclor 1248   | 100.3            | ± 0.5 µg/mL          | 012672-29-6 | NT01582     |

Matrix: isooctane (2,2,4-trimethylpentane)

## Description:

This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

## Traceability:

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

## Homogeneity:

This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

## Instructions for Use:

Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

## Safety:

Refer to the Safety Data Sheet on [www.agilent.com](http://www.agilent.com) for information regarding this analytical reference material.

## Intended Use:

This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

## Expiration of Certification:

The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P11508

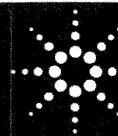
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P11512

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2/21/22

ISO 17034



**Agilent**

Trusted Answers

**Maintenance of Certification:**

If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

**Sample lot approver:**

Monica Bourgeois  
QMS Representative



ISO 17034 Cert  
No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO 9001:2015  
Quality Management System. Cert# 951215321

Page: 2 of 2

[www.agilent.com/quality/](http://www.agilent.com/quality/)

CSD-QA-015.1



ISO 17025 Cert  
No. AT-1937



# Certificate of Analysis

P11518  
↓  
P11522  
AJ  
02/21/22

**Product Name:** Aroclor 1268 Standard

**Product Number:** PP-382-1

**Lot Issue Date:** 09-Feb-2021

**Lot Number:** 0006587800

**Expiration Date:** 31-Mar-2029

**Description:**

This analytical reference material (RM) was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

| Analyte      | CAS#        | Analyte Lot | Concentration ± Uncertainty |
|--------------|-------------|-------------|-----------------------------|
| Aroclor 1268 | 011100-14-4 | RM00937     | 100.0 ± 0.5 µg/mL           |

**Matrix:** isooctane (2,2,4-trimethylpentane)

**Storage Conditions:** Store at Room Temperature (15° to 30°C).

**Traceability:**

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

**Homogeneity:**

This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

**Intended Use:**

This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

**Instructions for Use:**

Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

**Hazards:**

Refer to the Safety Data Sheet on [www.agilent.com](http://www.agilent.com) for information regarding this RM.

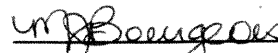
**Expiration of Certification:**

The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

**Maintenance of Certification:**

If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

**Sample lot approver:**

  
Monica Bourgeois  
QMS Representative



ISO 17034 Cert  
No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026  
Page: 1 of 1

[www.agilent.com/quality/](http://www.agilent.com/quality/)  
CSD-QA-015.1



ISO 17025 Cert  
No. AT-1937



CERTIFIED REFERENCE MATERIAL

110 Benner Circle  
Bellefonte, PA 16823-8812  
Tel: (800)356-1688  
Fax: (814)353-1309

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## Certificate of Analysis



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

Catalog No. : 32007 Lot No.: A0175456  
Description : Aroclor® 1221 Standard  
Aroclor® 1221 Standard 1,000 µg/mL, Hexane, 1mL/ampul  
Container Size : 2 mL Pkg Amt: > 1 mL  
Expiration Date : November 30, 2027 Storage: 25°C nominal  
Handling: This product contains PCBs. Ship: Ambient

### CERTIFIED VALUES

| Elution Order | Compound                        | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) |
|---------------|---------------------------------|-----------------------------|--------------------------------------|
| 1             | Aroclor 1221                    | 1,002.0 µg/mL               | +/- 5.9516 µg/mL Gravimetric         |
|               | CAS # 11104-28-2 (Lot 10210500) |                             | +/- 31.7706 µg/mL Unstressed         |
|               | Purity ----%                    |                             | +/- 41.4958 µg/mL Stressed           |

Solvent: Hexane  
CAS # 110-54-3  
Purity 99%

P 11578  
↓  
P 11582 / (S)

AR  
04/30/22

**Column:**  
30m x .25mm x .2um  
Rtx-CLP II (cat.# 11323)

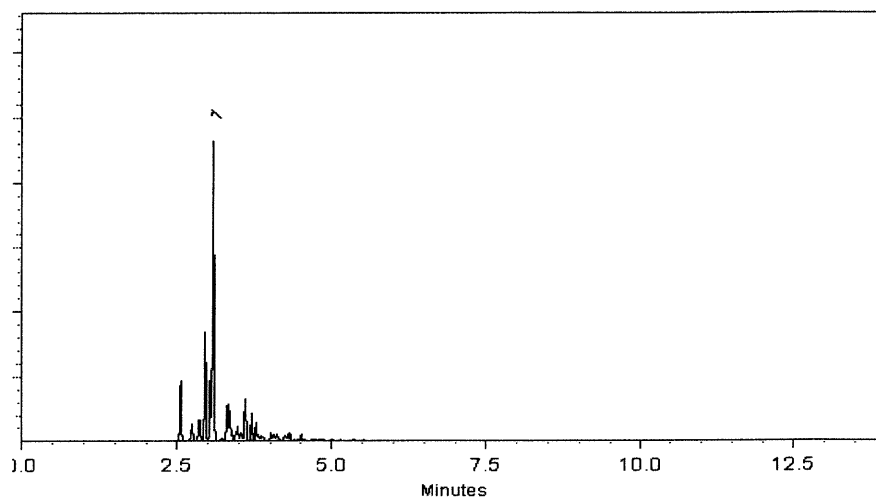
**Carrier Gas:**  
helium-constant pressure 20 psi.

**Temp. Program:**  
200°C to 300°C  
@ 25°C/min. ( hold 10 min.)

**Inj. Temp:**  
250°C

**Det. Temp:**  
300°C

**Det. Type:**  
ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

*Sam Moodler*  
Sam Moodler - Operations Tech I

Date Mixed: 16-Aug-2021 Balance: B442140311

*Marlene Cowan*  
Marlene Cowan - Operations Tech I

Date Passed: 18-Aug-2021

Manufactured under Restek's ISO 9001:2015  
Registered Quality System  
Certificate #FM 80397

P11578  
↓  
P11582 / (S)

AR  
04/30/22



CERTIFIED REFERENCE MATERIAL

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## Certificate of Analysis



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

Catalog No. : 32008 Lot No.: A0173309  
Description : Aroclor® 1232 Standard  
Aroclor® 1232 Standard 1,000 µg/mL, Hexane, 1mL/ampul  
Container Size : 2 mL Pkg Amt: > 1 mL  
Expiration Date : September 30, 2027 Storage: 25°C nominal  
Handling: This product contains PCBs. Ship: Ambient

### CERTIFIED VALUES

| Elution Order | Compound                        | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) |
|---------------|---------------------------------|-----------------------------|--------------------------------------|
| 1             | Aroclor 1232                    | 1,001.0 µg/mL               | +/- 5.9456 µg/mL Gravimetric         |
|               | CAS # 11141-16-5 (Lot 15665-01) |                             | +/- 31.7389 µg/mL Unstressed         |
|               | Purity ----%                    |                             | +/- 41.4544 µg/mL Stressed           |

Solvent: Hexane  
CAS # 110-54-3  
Purity 99%

P11583  
↓  
P11587 / (S)

AR  
04/30/22

**Column:**  
30m x .25mm x .2um  
Rtx-CLP II (cat.# 11323)

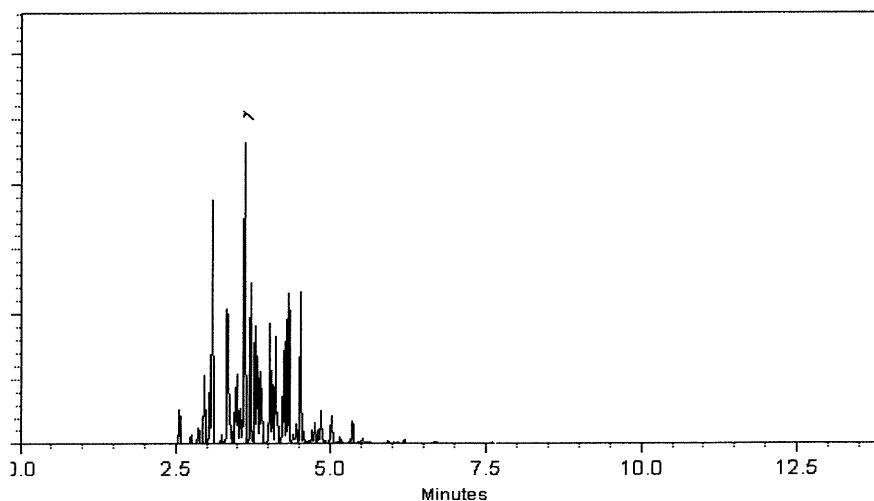
**Carrier Gas:**  
helium-constant pressure 20 psi.

**Temp. Program:**  
200°C to 300°C  
@ 25°C/min. ( hold 10 min.)

**Inj. Temp:**  
250°C

**Det. Temp:**  
300°C

**Det. Type:**  
ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

*Sam Moodler*  
Sam Moodler - Operations Tech I

**Date Mixed:** 13-Jun-2021      **Balance:** B442140311

*Alexis Shelow*  
Alexis Shelow - Operations Tech I

**Date Passed:** 16-Jun-2021

Manufactured under Restek's ISO 9001:2015  
Registered Quality System  
Certificate #FM 80397

P11583  
↓  
P11587      (5)

AR  
04/30/22



CERTIFIED REFERENCE MATERIAL

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Tel: (800)356-1688  
Fax: (814)353-1309

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# Certificate of Analysis



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

Catalog No. : 32011 Lot No.: A0175403  
Description : Aroclor® 1254 Standard  
Aroclor® 1254 Standard 1,000 µg/mL, Hexane, 1mL/ampul  
Container Size : 2 mL Pkg Amt: > 1 mL  
Expiration Date : November 30, 2027 Storage: 25°C nominal  
Handling: This product contains PCBs. Ship: Ambient

## CERTIFIED VALUES

| Elution Order | Compound                                                         | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2)                                                       |
|---------------|------------------------------------------------------------------|-----------------------------|--------------------------------------------------------------------------------------------|
| 1             | Aroclor 1254<br>CAS # 11097-69-1 (Lot 124-191-B)<br>Purity ----% | 1,000.7 µg/mL               | +/- 5.9437 µg/mL Gravimetric<br>+/- 31.7284 µg/mL Unstressed<br>+/- 41.4406 µg/mL Stressed |

Solvent: Hexane  
CAS # 110-54-3  
Purity 99%

P11588  
↓  
P11592 / (S)

AR  
04/30/2022

**Column:**

30m x .25mm x .2um  
Rtx-CLP II (cat.# 11323)

**Carrier Gas:**

helium-constant pressure 20 psi.

**Temp. Program:**

200°C to 300°C  
@ 25°C/min. ( hold 10 min.)

**Inj. Temp:**

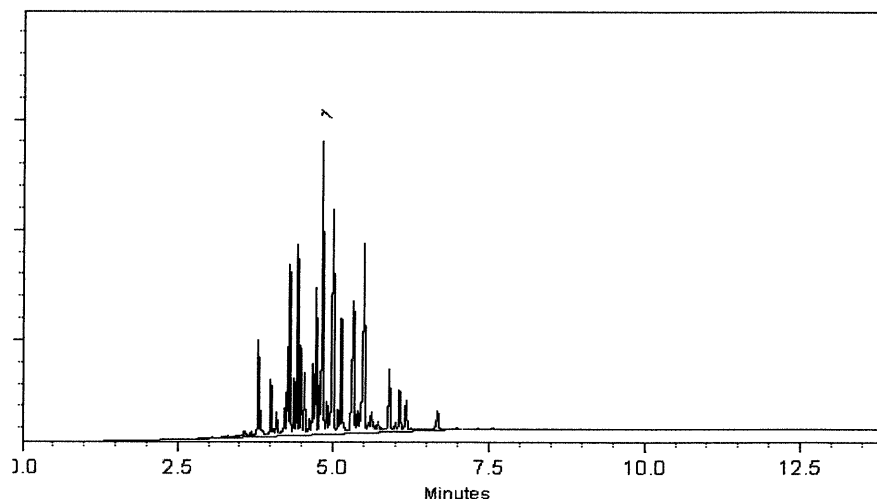
250°C

**Det. Temp:**

300°C

**Det. Type:**

ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

*Cathleen Soltis*

Cathleen Soltis - Mix Technician

Date Mixed: 15-Aug-2021

Balance: 1128360905

*Alexis Shelow*

Alexis Shelow - Operations Tech I

Date Passed: 17-Aug-2021

Manufactured under Restek's ISO 9001:2015  
Registered Quality System  
Certificate #FM 80397

P11588  
↓  
P11592 / (5)

AR  
04/30/22



CERTIFIED REFERENCE MATERIAL

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## Certificate of Analysis



### FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

Catalog No. : 32410 Lot No.: A0181782  
Description : Aroclor® 1268 Standard  
Aroclor® 1268 Standard 1,000 µg/mL, 1mL/ampul, Hexane  
Container Size : 2 mL Pkg Amt: > 1 mL  
Expiration Date : May 31, 2028 Storage: 25°C nominal  
Handling: This product contains PCBs. Ship: Ambient

### CERTIFIED VALUES

| Elution Order | Compound                                         | Grav. Conc. (weight/volume)     | Expanded Uncertainty (95% C.L.; K=2)                                                       |
|---------------|--------------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------|
| 1             | Aroclor 1268<br>CAS # 11100-14-4<br>Purity ----% | 1,001.4 µg/mL<br>(Lot 10947000) | +/- 5.9480 µg/mL Gravimetric<br>+/- 31.7516 µg/mL Unstressed<br>+/- 41.4710 µg/mL Stressed |

Solvent: Hexane  
CAS # 110-54-3  
Purity 99%

P 11593  
↓  
P 11597  
⑤

WAP  
04/30/2022

**Column:**

30m x .25mm x .2um  
Rtx-CLP II (cat.# 11323)

**Carrier Gas:**

helium-constant pressure 20 psi.

**Temp. Program:**

200°C to 300°C  
@ 25°C/min. ( hold 10 min.)

**Inj. Temp:**

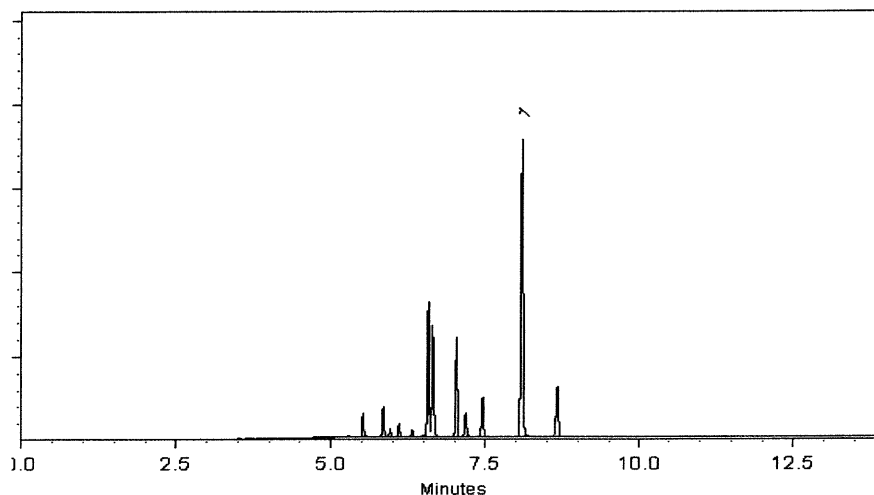
250°C

**Det. Temp:**

300°C

**Det. Type:**

ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

*Penelope S. Riglin*  
Penelope Riglin - Operations Tech I

Date Mixed: 14-Feb-2022

Balance: 1128360905

*Clara Windle*  
Clara Windle - Operations Technician I

Date Passed: 17-Feb-2022

Manufactured under Restek's ISO 9001:2015  
Registered Quality System  
Certificate #FM 80397

P 11593 / (5)  
↓  
P 11597  
[Signature]  
04/30/2022



## CERTIFIED WEIGHT REPORT

Part Number: **91867**  
 Lot Number: **020823**  
 Description: **WP 037 - Aroclor 1232**  
**PCB Technical Mixture**  
 Expiration Date: **020833**  
 Recommended Storage: **Ambient (20 °C)**  
 Nominal Concentration ( $\mu\text{g/mL}$ ): **100**  
 NIST Test ID#: **6UTB**

Solvent(  
Aceton

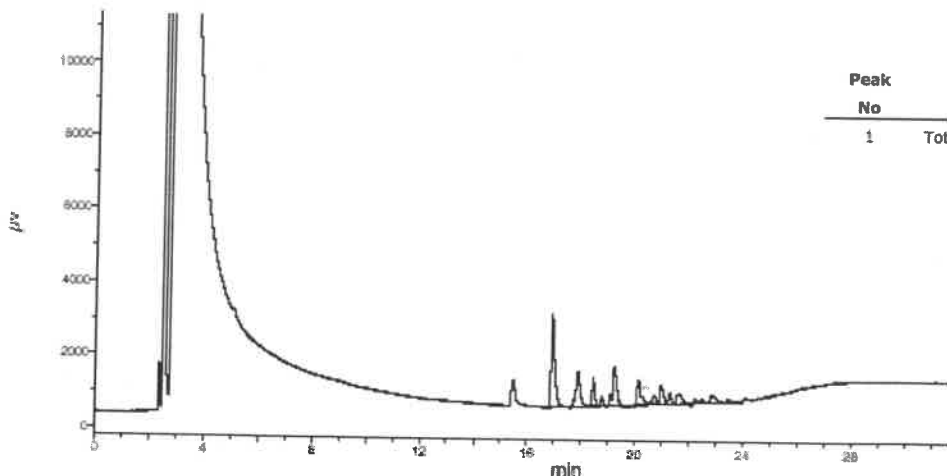
Weight(s) shown below were combined and diluted to (mL): **100.0**  
 5E-05 Balance Uncertainty  
 0.057 Flask Uncertainty

| Compound        | RM# | Lot Number | Nominal Conc ( $\mu\text{g/mL}$ ) | Purity (%) | Uncertainty Purity | Target Weight (g) |
|-----------------|-----|------------|-----------------------------------|------------|--------------------|-------------------|
| 1. Aroclor 1232 | 17  | 45-6A      | 100                               | 100        | 0.5                | 0.01000           |

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measure Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

## Comments

GC3-M1 Analysis by Melissa Stonier  
 Column ID SPB-608 30 meter X 0.53mm X 5 $\mu\text{m}$  film thickness  
 Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min  
 Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min  
 Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)  
 Rate = 8°C/min, Total run time = 35 min  
 Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1  
 Standard injection = 1.5 $\mu\text{L}$ , Range=3





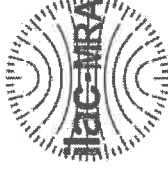
110 Benner Circle  
Bellefonte, PA 16823-8812  
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## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*



### FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No.:** 32009 **Lot No.:** A0203672

**Description:** Aroclor® 1242 Standard

Aroclor® 1242 Standard 1,000 µg/mL, Hexane, 1mL/ampul

**Container Size:** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date:** January 31, 2030 **Storage:** 25°C nominal

**Handling:** This product contains PCBs. **Ship:** Ambient

p12928

→

p12932

AJ

12/27/23

### CERTIFIED VALUES

| Elution Order | Compound     | CAS #      | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty* (95% C.L.; K=2) |
|---------------|--------------|------------|-------|--------|-----------------------------|---------------------------------------|
| 1             | Aroclor 1242 | 53469-21-9 | 01141 | —%     | 1,004.7 µg/mL               | +/- 55.7515                           |

**Solvent:** Hexane

**CAS #** 110-54-3

**Purity** 99%

\* Expanded Uncertainty displayed in same units as Grav. Conc.

## Quality Confirmation Test

**Column:**

30m x .25mm x .2um  
Rtx-CLP II (cat.# 11323)

**Carrier Gas:**

helium-constant pressure 20 psi.

**Temp. Program:**

200°C to 300°C  
@ 25°C/min. ( hold 10 min.)

**Inj. Temp:**

250°C

**Det. Temp:**

300°C

**Det. Type:**

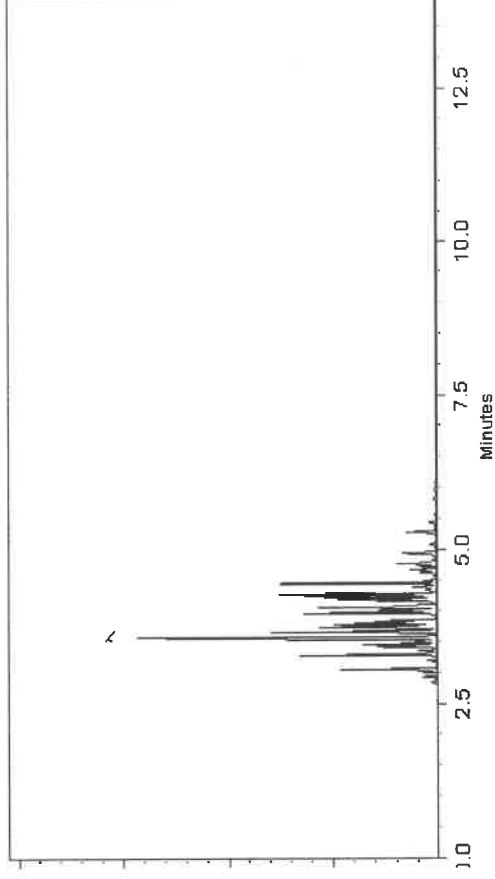
ECD

**Split Vent:**

10 ml/min.

**Inj. Vol**

0.2ul



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

*Russ Boothamer*

Russ Boothamer - Operations Technician I

Date Mixed: 26-Oct-2023

Balance Serial #

B442140311

*Jennifer Polino*

Jennifer Polino - Operations Tech III - ARM QC

Date Passed: 06-Nov-2023

Manufactured under Restek's ISO 9001:2015  
Registered Quality System  
Certificate #FW 80397



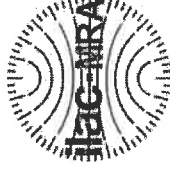
110 Benner Circle  
Bellefonte, PA 16823-8812  
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Fax: 1-814-353-1309

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## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*



### FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No.:** 32010 **Lot No.:** A0202803

**Description:** Aroclor® 1248 Standard

Aroclor® 1248 Standard 1,000µg/mL, Hexane, 1mL/ampul

**Container Size:** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date:** January 31, 2030 **Storage:** 25°C nominal

**Handling:** This product contains PCBs. **Ship:** Ambient

*P1212967*  
*P1212967*  
*AF*  
*1212104123*

### CERTIFIED VALUES

| Elution Order | Compound     | CAS #      | Lot #    | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---------------|--------------|------------|----------|--------|-----------------------------|----------------------------------------|
| 1             | Aroclor 1248 | 12672-29-6 | 13897600 | ---%   | 1,001.7 µg/mL               | +/- 55.5850                            |

**Solvent:** Hexane

**CAS #** 110-54-3

**Purity** 99%

\* Expanded Uncertainty displayed in same units as Grav. Conc.

## Quality Confirmation Test

**Column:**

30m x .25mm x .2um  
Rtx-CLP II (cat.# 11323)

**Carrier Gas:**

helium-constant pressure 20 psi.

**Temp. Program:**

200°C to 300°C  
@ 25°C/min. (hold 10 min.)

**Inj. Temp:**

250°C

**Det. Temp:**

300°C

**Det. Type:**

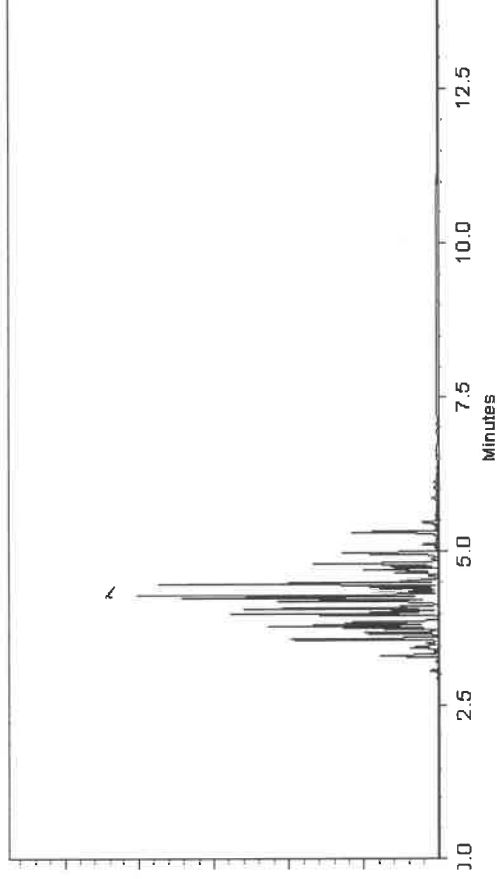
ECD

**Split Vent:**

10 ml/min.

**Inj. Vol**

0.2ul



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I

Date Mixed: 03-Oct-2023

Balance Serial #

1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 09-Oct-2023

Manufactured under Restek's ISO 9001:2015  
Registered Quality System  
Certificate #FW 80397



Certified Reference Material CRM

CERTIFIED WEIGHT REPORT

Part Number: 20084  
Lot Number: 022023  
Description: CLP PCB'S - Aroclor Mix  
Aroclors 1016 & 1260  
Expiration Date: 022033  
Recommended Storage: Ambient (20 °C)  
Nominal Concentration (µg/mL): 1000  
NIST Test ID#: 6UTB

Solvent(s): Hexane Lot# 273615  
5E-05 Balance Uncertainty  
0.010 Flask Uncertainty  
Nominal Conc (µg/mL): 200.0  
Purity (%) 100  
Purity (%) 100

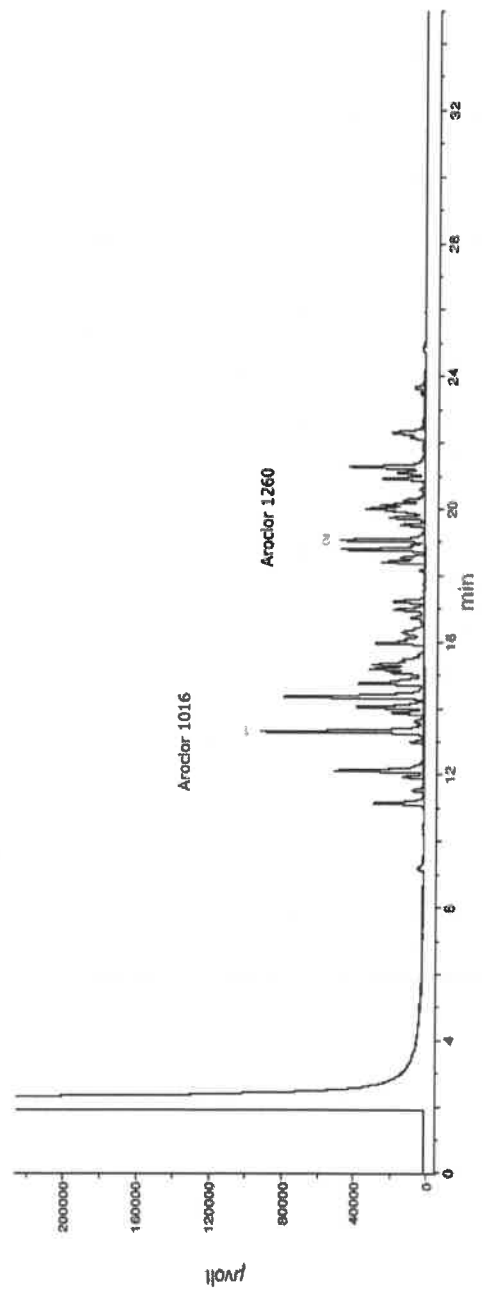
Formulated By: Benson Chan DATE 022023  
Reviewed By: Pedro L. Rentas DATE 022023

Weight(s) shown below were combined and diluted to (mL):

| Compound        | RM# | Lot Number | Nominal Conc (µg/mL) | Purity (%) | Purity (%) | Target Weight(g) | Actual Weight(g) | Actual Conc (µg/mL) | Expanded Uncertainty (+/-) (µg/mL) | CAS#       | OSHA PEL (TWA) | LD50              |
|-----------------|-----|------------|----------------------|------------|------------|------------------|------------------|---------------------|------------------------------------|------------|----------------|-------------------|
| 1. Aroclor 1016 | 15  | 020491JC   | 1000                 | 100        | 0.2        | 0.20004          | 0.20060          | 1002.8              | 4.0                                | 12674-11-2 | N/A            | N/A               |
| 2. Aroclor 1260 | 21  | 020491JC   | 1000                 | 100        | 0.2        | 0.20004          | 0.20081          | 1003.9              | 4.0                                | 11086-82-5 | 0.5mg/m3       | orl-rat 1315mg/kg |

\* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.  
\* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).  
\* All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.  
\* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments  
GC3-M1 Analysis by Melissa Stortier  
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness  
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min  
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min  
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 280°C (Time 2 = 13.5 min)  
Rate = 8°C/min, Total run time = 35 min  
Injector temp. = 200°C, FID Temp. = 300°C, FID Signal = Etdaq Channel 1  
Standard Injection = 1.5µL, Range=3







Certified Reference Material CRM

CERTIFIED WEIGHT REPORT

Part Number:  
20064

Lot Number:  
022023

Description:  
CLP PCB'S - Aroclor Mix  
Aroclors 1016 & 1260

Expiration Date:  
022033

Recommended Storage:  
Ambient (20 °C)

Nominal Concentration (µg/mL):  
1000

NIST Test ID#:  
6UTB

Solvent(s):  
Hexane

Lot#  
273615

Formulated By:  
Benson Chan

Reviewed By:  
Pedro L. Rentas

DATE  
022023

DATE  
022023

Weight(s) shown below were combined and diluted to (mL.):  
200.0

Balance Uncertainty  
0.010

Flask Uncertainty  
0.010

Part Number:  
20064

Lot Number:  
022023

Description:  
CLP PCB'S - Aroclor Mix  
Aroclors 1016 & 1260

Expiration Date:  
022033

Recommended Storage:  
Ambient (20 °C)

Nominal Concentration (µg/mL):  
1000

NIST Test ID#:  
6UTB

Solvent(s):  
Hexane

Lot#  
273615

Formulated By:  
Benson Chan

Reviewed By:  
Pedro L. Rentas

DATE  
022023

DATE  
022023

Weight(s) shown below were combined and diluted to (mL.):  
200.0

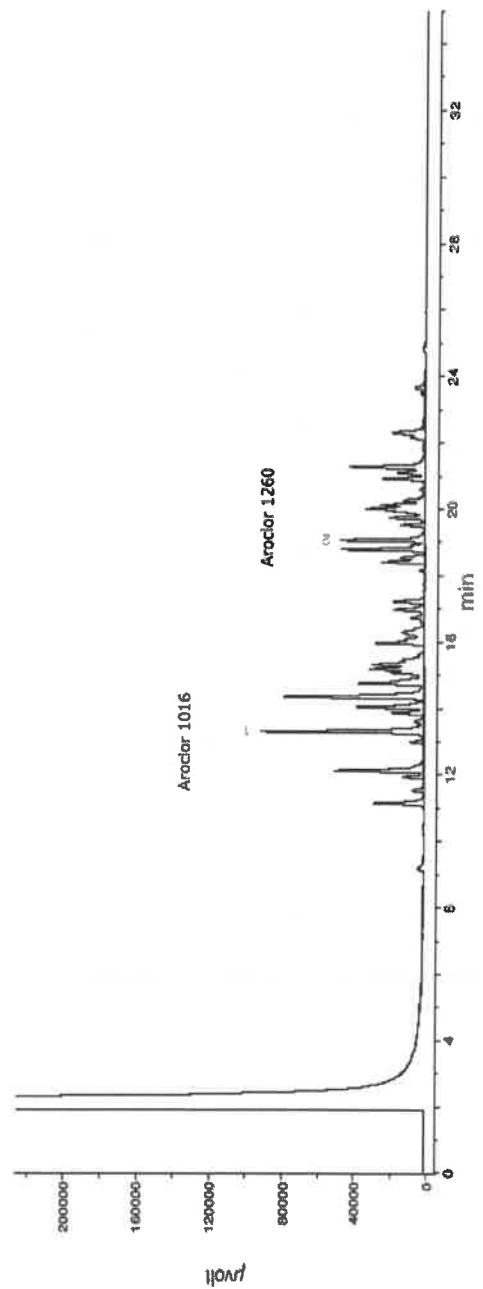
Balance Uncertainty  
0.010

Flask Uncertainty  
0.010

| Compound        | RM# | Lot Number | Nominal Conc (µg/mL) | Purity (%) | Purity Uncertainty (%) | Target Weight(g) | Actual Weight(g) | Actual Conc (µg/mL) | Expanded Uncertainty (+/-) (µg/mL) | CAS#       | OSHA PEL (TWA) | LD50              |
|-----------------|-----|------------|----------------------|------------|------------------------|------------------|------------------|---------------------|------------------------------------|------------|----------------|-------------------|
| 1. Aroclor 1016 | 15  | 020491JC   | 1000                 | 100        | 0.2                    | 0.20004          | 0.20060          | 1002.8              | 4.0                                | 12674-11-2 | N/A            | N/A               |
| 2. Aroclor 1260 | 21  | 020491JC   | 1000                 | 100        | 0.2                    | 0.20004          | 0.20081          | 1003.9              | 4.0                                | 11086-82-5 | 0.5mg/m3       | orl-rat 1315mg/kg |

\* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.  
\* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).  
\* All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.  
\* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments  
GC3-M1 Analysis by Melissa Stortier  
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness  
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min  
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min  
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 280°C (Time 2 = 13.5 min)  
Rate = 8°C/min, Total run time = 35 min  
Injector temp. = 200°C, FID Temp. = 300°C, FID Signal = Etdaq Channel 1  
Standard Injection = 1.5µL, Range=3







CERTIFIED WEIGHT REPORT

Part Number: 99139  
Lot Number: 121823  
Description: Aroclor 1254

Expiration Date: 121833  
Recommended Storage: Ambient (20 °C)  
Nominal Concentration (µg/mL): 100  
NIST Test ID#: 6UTB

Volume(s) shown below were combined and diluted to (mL): 20.0  
Note: Aroclor 1254 is a mix of isomers.

Solvent(s): Iso-octane  
Lot#: 82227

|                                |        |      |
|--------------------------------|--------|------|
| Formulated By: Anthony Mahoney | 121823 | DATE |
| Reviewed By: Pedro L. Rentas   | 121823 | DATE |

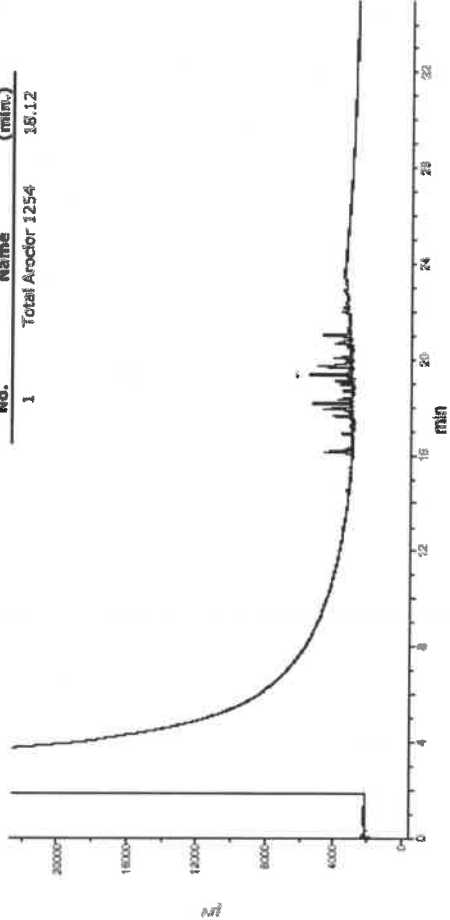
P12956 / Y.P.  
12/18/23  
P12957

| Compound        | Part Number | Lot Number | Dilution Factor | Initial Vol. (mL) | Initial Uncertainty | Pipette (mL) | Conc. (µg/mL) | Initial Conc. (µg/mL) | Final Conc. (µg/mL) | Expanded Uncertainty (+/-) (µg/mL) | SDS Information                        |      |                     |
|-----------------|-------------|------------|-----------------|-------------------|---------------------|--------------|---------------|-----------------------|---------------------|------------------------------------|----------------------------------------|------|---------------------|
|                 |             |            |                 |                   |                     |              |               |                       |                     |                                    | (Solvent Safety Info. On Attached pg.) | CAS# | OSHA PEL (TWA) LD50 |
| 1. Aroclor 1254 | 79100       | 121823     | 0.10            | 2.00              | 0.017               | 0.017        | 1003.3        | 100.1                 | 11097-69-1          | 1.8                                | 0.5mg/m3 (skin)                        |      | or-rat 1295mg/kg    |

\* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.  
\* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).  
\* Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.  
\* All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.  
\* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments  
GC3-M1 Analysis by Melissa Stonier  
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness  
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min  
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min  
Oven Profile: Temp 1 = 150 °C (Time 1 = 4 min), Temp 2 = 280 °C (Time 2 = 13.5 min)  
Rate = 8 °C/min, Total run time = 35 min  
Injector temp. = 200 °C, FID Temp. = 300 °C, FID Signal = EDAQ Channel 1  
Standard injection = 1.5µL, Range=3

| Peak No. | Name               | FID RT (min.) |
|----------|--------------------|---------------|
| 1        | Total Aroclor 1254 | 18.12         |







**CERTIFIED WEIGHT REPORT**

**Part Number:** 90165  
**Lot Number:** 112322  
**Description:** Atrocior 1262  
**Expiration Date:** 112332  
**Recommended Storage:** Ambient (20 °C)  
**Nominal Concentration (µg/mL):** 1000  
**NIST Test ID#:** 6LUTB  
**Weight(s) shown were combined and diluted to (mL):** 50.0

**Solvent(s):** Hexane  
**Lot#** 273615

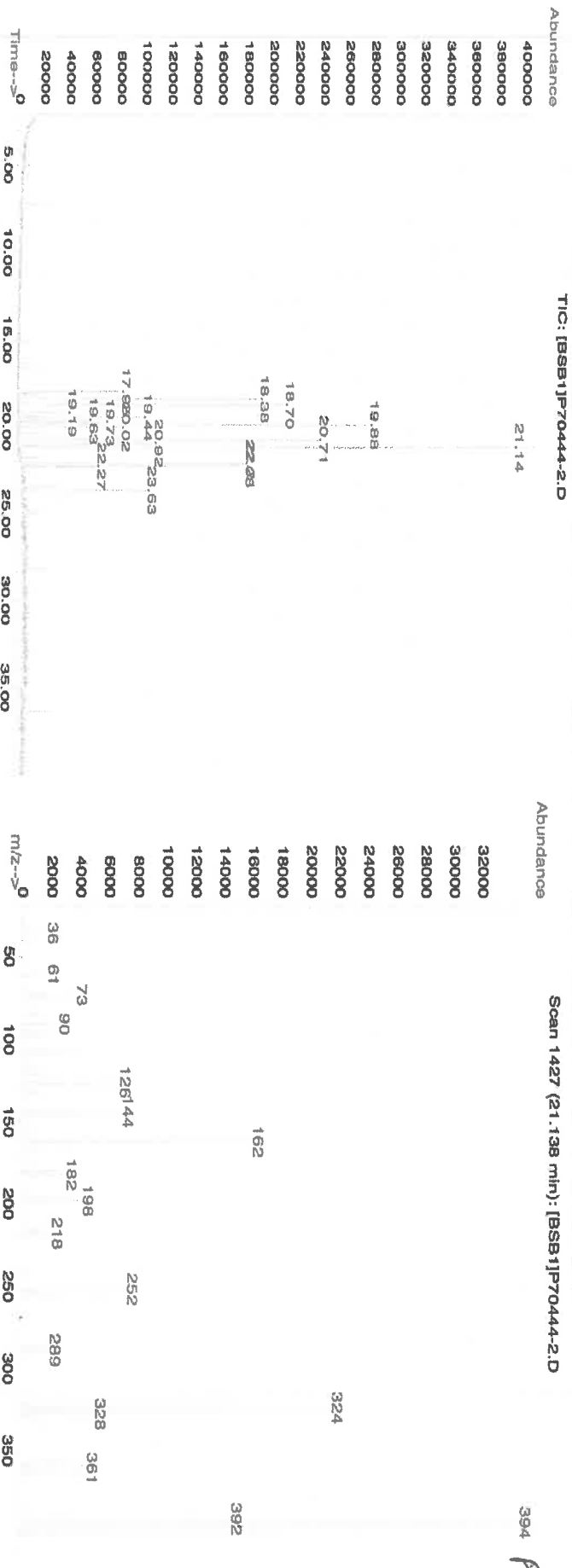
SE-05 Balance Uncertainty  
0.005 Flask Uncertainty

|                |                  |        |      |
|----------------|------------------|--------|------|
| Formulated By: | Prashant Chauhan | 112322 | DATE |
| Reviewed By:   | Pedro L. Rentes  | 112322 | DATE |

| Compound | RM# | Lot Number | Nominal Conc (µg/mL) | Purity (%) | Uncertainty Purity | Target Weight (g) | Actual Weight (g) | Actual Conc (µg/mL) | Expanded Uncertainty (±) (µg/mL) | CAS# | OSHA PEL (TWA) | LD50 |
|----------|-----|------------|----------------------|------------|--------------------|-------------------|-------------------|---------------------|----------------------------------|------|----------------|------|
|----------|-----|------------|----------------------|------------|--------------------|-------------------|-------------------|---------------------|----------------------------------|------|----------------|------|

1. Atrocior 1262 444 W-130-05 1000 100 0.2 0.05003 0.05016 1002.7 4.5 37324-23-5 N/A or-tal 11300mg/kg

Method GC/MSD-7.M: Column:(30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 150°C (0min.), Temp 2 = 290°C (12.5 min.), Rate = 8°C/min., Injector B = 200°C, Detector B = 290°C.



- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

15032 4.8  
2  
121213

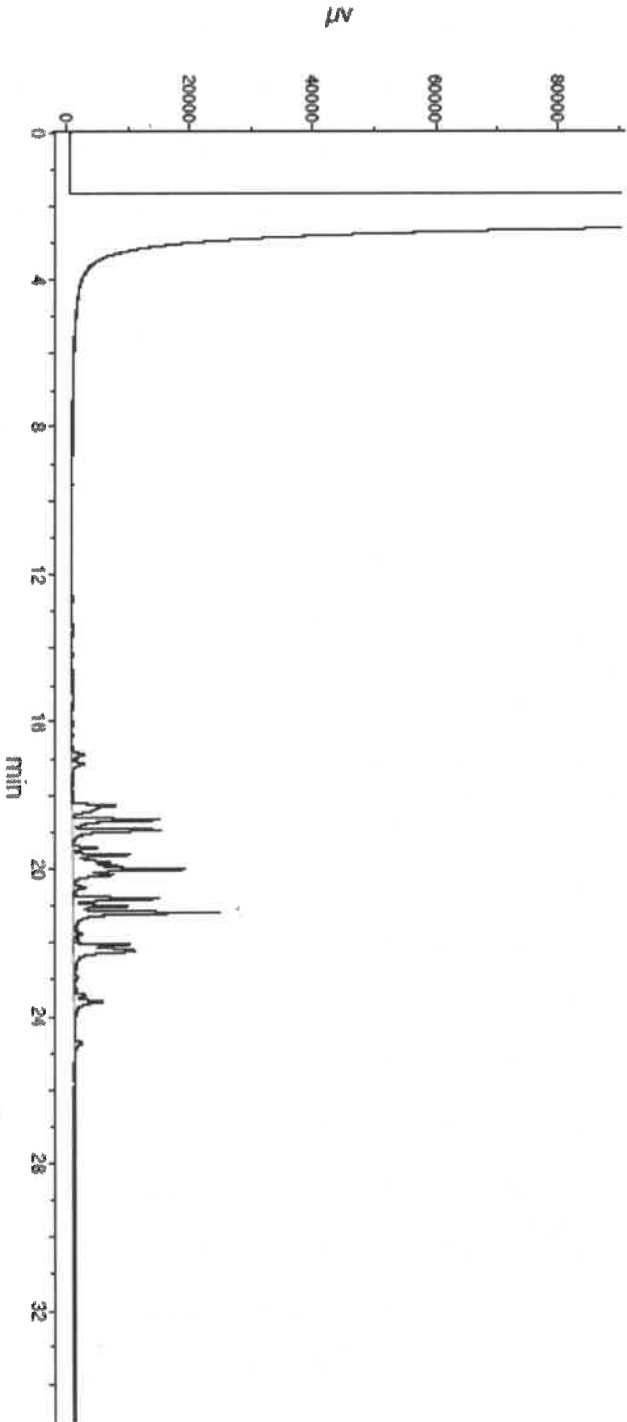


## Run 20, "P90165 L112322 [1000µg/mL in hexane]"

Run Length: 35.00 min, 21000 points at 10 points/second.  
Created: Thu, Dec 8, 2022 at 2:31:02 AM.  
Sampled: Sequence "120722-GC3M1", Method "GC3-M1".  
Analyzed using Method "GC3-M1".

### Comments

GC3-M1 Analysis by Melissa Stonier  
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness  
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min  
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min  
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)  
Rate = 8°C/min, Total run time = 35 min  
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1  
Standard injection = 1.5µL, Range=3





110 Benner Circle  
Bellefonte, PA 16823-8812  
Tel: 1-814-353-1300  
Fax: 1-814-353-1309

www.restek.com

## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

*chromatographic plus*



### FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

*This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.*

**Catalog No. :** 32000 **Lot No.:** A0206810

**Description :** Pesticide Surrogate Mix  
Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** April 30, 2030 **Storage:** 10°C or colder

**Handling:** Contains PCBs - sonicate prior to use. **Ship:** Ambient

P13348  
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P13357  
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DAUF  
04/25/2024

### CERTIFIED VALUES

| Elution Order | Compound                     | CAS #     | Lot #    | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---------------|------------------------------|-----------|----------|--------|-----------------------------|----------------------------------------|
| 1             | 2,4,5,6-Tetrachloro-m-xylene | 877-09-8  | RP220407 | 99%    | 200.3 µg/mL                 | +/- 11.1143                            |
| 2             | Decachlorobiphenyl (BZ# 209) | 2051-24-3 | 30638    | 99%    | 200.6 µg/mL                 | +/- 11.1298                            |

\* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** Acetone  
**CAS #** 67-64-1  
**Purity** 99%

### Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

## Quality Confirmation Test

**Column:**

30m x .25mm x .2um  
Rtx-CLP II (cat.# 11323)

**Carrier Gas:**

helium-constant pressure 20 psi.

**Temp. Program:**

200°C to 300°C  
@ 25°C/min. ( hold 10 min.)

**Inj. Temp:**

250°C

**Det. Temp:**

300°C

**Det. Type:**

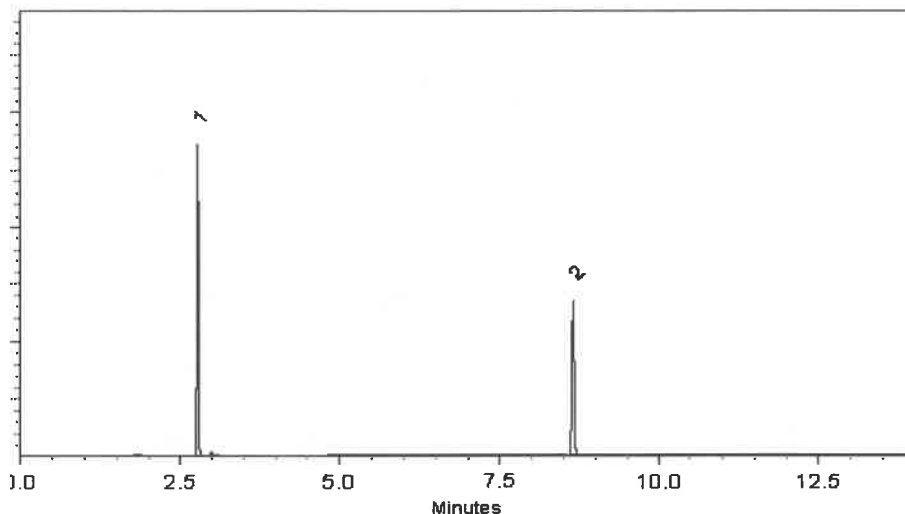
ECD

**Split Vent:**

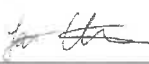
10 ml/min.

**Inj. Vol**

1µl

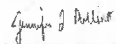


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

  
Laith Clemente - Operations Technician I

Date Mixed: 22-Jan-2024

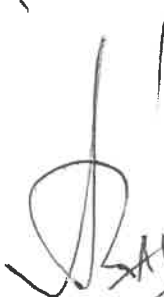
Balance Serial # 1128360905

  
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Jan-2024

Manufactured under Restek's ISO 9001:2015  
Registered Quality System  
Certificate #FM 80397

P 13348  
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P 13357  
10

  
SAUF  
04/25/2025



110 Benner Circle  
Bellefonte, PA 16823-8812  
Tel: 1-814-353-1300  
Fax: 1-814-353-1309

www.restek.com

## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

chromatographic plus



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**Catalog No. :** 32000 **Lot No.:** A0206810

**Description :** Pesticide Surrogate Mix  
Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

**Container Size :** 2 mL **Pkg Amt:** > 1 mL

**Expiration Date :** April 30, 2030 **Storage:** 10°C or colder

**Handling:** Contains PCBs - sonicate prior to use. **Ship:** Ambient

P13348  
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P13357  
10  
DAUF  
04/25/2024

### CERTIFIED VALUES

| Elution Order | Compound                     | CAS #     | Lot #    | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---------------|------------------------------|-----------|----------|--------|-----------------------------|----------------------------------------|
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| 2             | Decachlorobiphenyl (BZ# 209) | 2051-24-3 | 30638    | 99%    | 200.6 µg/mL                 | +/- 11.1298                            |

\* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** Acetone  
**CAS #** 67-64-1  
**Purity** 99%

### Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

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## Quality Confirmation Test

**Column:**

30m x .25mm x .2um  
Rtx-CLP II (cat.# 11323)

**Carrier Gas:**

helium-constant pressure 20 psi.

**Temp. Program:**

200°C to 300°C  
@ 25°C/min. ( hold 10 min.)

**Inj. Temp:**

250°C

**Det. Temp:**

300°C

**Det. Type:**

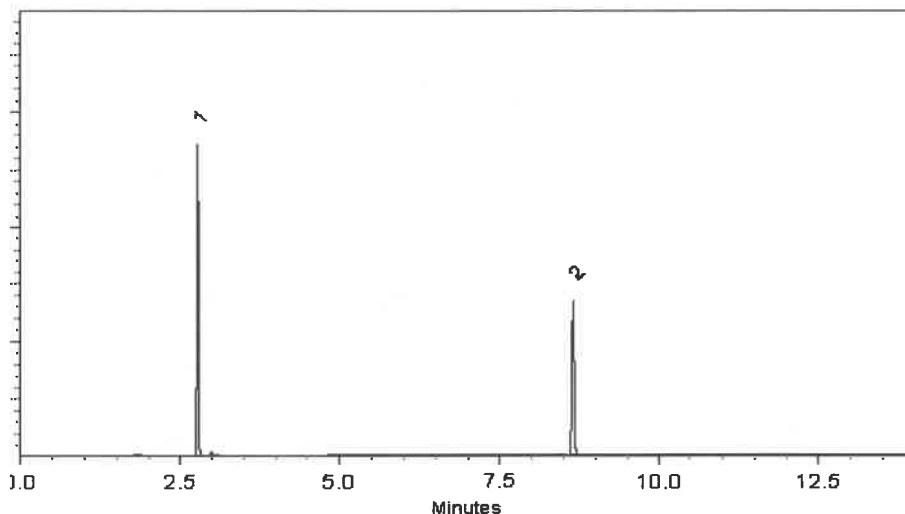
ECD

**Split Vent:**

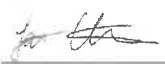
10 ml/min.

**Inj. Vol**

1µl

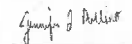


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

  
Laith Clemente - Operations Technician I

Date Mixed: 22-Jan-2024

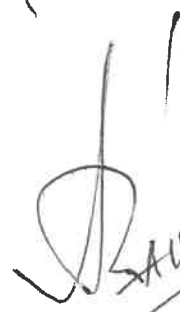
Balance Serial # 1128360905

  
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Jan-2024

Manufactured under Restek's ISO 9001:2015  
Registered Quality System  
Certificate #FM 80397

P 13348  
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P 13357  
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SAUF  
04/25/2025



ISO 17034

## Reference Material Certificate

### Product Information Sheet

**Product Name:** Aroclor 1221 Standard  
**Product Number:** PP-292-1  
**Storage Conditions:** Store at Room Temperature (15° to 30°C).

**Lot Number:** 0006783205  
**Lot Issue Date:** 20-Feb-2024  
**Expiration Date:** 31-Mar-2032

| Component Name | Concentration | Uncertainty | CAS#        | Analyte Lot |
|----------------|---------------|-------------|-------------|-------------|
| Aroclor 1221   | 100.3 ±       | 0.5 µg/mL   | 011104-28-2 | NT01017     |

**Matrix:** isooctane (2,2,4-trimethylpentane)

#### Description:

This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

#### Traceability:

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

#### Homogeneity:

This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

#### Instructions for Use:

Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

#### Safety:

Refer to the Safety Data Sheet on [www.agilent.com](http://www.agilent.com) for information regarding this analytical reference material.

#### Intended Use:

This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

#### Expiration of Certification:

The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

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05106124  
P13343

Page: 1 of 2

CSD-QA-015.2

ISO 17025

Cert No. AT-1937

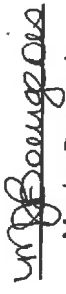
250 Smith Street North Kingstown, Rhode Island 02852 [www.agilent.com/quality](http://www.agilent.com/quality)



**Maintenance of Certification:**

If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

**Sample lot approver:**

  
Monica Bourgeois  
QMS Representative



ISO 17034  
Cert No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO  
9001:2015 Quality Management System. Cert# 951215321

Page: 2 of 2

[www.agilent.com/quality/](http://www.agilent.com/quality/)  
CSD-QA-015.2

ISO 17025  
Cert No. AT-1937

250 Smith Street North Kingstown, Rhode Island 02852 [www.agilent.com/quality](http://www.agilent.com/quality)



# SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Walsh Construction Comp.  
ADDRESS: 150 Clouet rd 11<sup>th</sup> Floor  
CITY: Little Falls STATE: NJ ZIP: 07424  
ATTENTION: Benie Dion Goken  
PHONE: 646-285-7234 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Construction of shafts  
PROJECT NO.: 220084 LOCATION: Queens NY  
PROJECT MANAGER: Jesse Sylvestri  
e-mail: jsylvestri@walshgroup.com  
PHONE: 201-681-9740 FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#: ADDRESS: CITY STATE: ZIP: ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) DAYS\*  
HARDCOPY (DATA PACKAGE): 18 DAYS\*  
EDD: 3 day 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

1. TEL 506 2660  
2. TEL 506 2660  
3. TEL 506 2660  
4. TEL 506 2660  
5. TEL 506 2660  
6. TEL 506 2660  
7. TEL 506 2660  
8. TEL 506 2660  
9. TEL 506 2660  
10. TEL 506 2660

ANALYSIS

| 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 |                           |  |
| 1.                       | CO-32-1                          | S                | ✓              | ✓    | 3/21/25              | 1120 | 20           | X             | X | X | X | X | X | X | X | X | 15-80-3, 1 liter, 1 liter |  |
| 2.                       |                                  |                  |                |      |                      |      |              |               |   |   |   |   |   |   |   |   |                           |  |
| 3.                       |                                  |                  |                |      |                      |      |              |               |   |   |   |   |   |   |   |   |                           |  |
| 4.                       |                                  |                  |                |      |                      |      |              |               |   |   |   |   |   |   |   |   |                           |  |
| 5.                       |                                  |                  |                |      |                      |      |              |               |   |   |   |   |   |   |   |   |                           |  |
| 6.                       |                                  |                  |                |      |                      |      |              |               |   |   |   |   |   |   |   |   |                           |  |
| 7.                       |                                  |                  |                |      |                      |      |              |               |   |   |   |   |   |   |   |   |                           |  |
| 8.                       |                                  |                  |                |      |                      |      |              |               |   |   |   |   |   |   |   |   |                           |  |
| 9.                       |                                  |                  |                |      |                      |      |              |               |   |   |   |   |   |   |   |   |                           |  |
| 10.                      |                                  |                  |                |      |                      |      |              |               |   |   |   |   |   |   |   |   |                           |  |

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

|                          |                           |                                 |                                                                                                                                                             |
|--------------------------|---------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RELINQUISHED BY SAMPLER: | DATE/TIME: <u>1200</u>    | RECEIVED BY: <u>[Signature]</u> | Conditions of bottles or coolers at receipt: <input type="checkbox"/> COMPLIANT <input type="checkbox"/> NON COMPLIANT <input type="checkbox"/> COOLER TEMP |
| 1. <u>[Signature]</u>    | DATE/TIME: <u>3/21/25</u> | RECEIVED BY: <u>[Signature]</u> | Comments: <u>MCRA Characteristics - Ignitability, Corrosivity, Reactivity - Sulfide &amp; Cyanide</u>                                                       |
| RELINQUISHED BY SAMPLER: | DATE/TIME:                | RECEIVED BY:                    | Full analyte list in S.N.G e-mail dated 3/18/25                                                                                                             |
| 2. <u>[Signature]</u>    | DATE/TIME:                | RECEIVED BY:                    | <u>43-day TAT requested</u>                                                                                                                                 |
| RELINQUISHED BY SAMPLER: | DATE/TIME: <u>1715</u>    | RECEIVED BY:                    | Page <u>1</u> of <u>1</u>                                                                                                                                   |
| 3. <u>[Signature]</u>    | DATE/TIME: <u>3-21-25</u> | RECEIVED BY:                    | CLIENT: <input type="checkbox"/> Hand Delivered <input type="checkbox"/> Other                                                                              |
|                          |                           |                                 | Shipment Complete<br><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

|                                                   |               |                                                 |                              |
|---------------------------------------------------|---------------|-------------------------------------------------|------------------------------|
| <b>Order ID :</b> Q1626                           | <b>WALS01</b> | <b>Order Date :</b> 3/21/2025 12:59:00 PM       | <b>Project Mgr :</b>         |
| <b>Client Name :</b> Walsh Construction Compai    |               | <b>Project Name :</b> Walsh CO-032 Sampling     | <b>Report Type :</b> Level 2 |
| <b>Client Contact :</b> Evelyne Benie Dion Gokan  |               | <b>Receive DateTime :</b> 3/21/2025 12:00:00 AM | <b>EDD Type :</b> Excel NY   |
| <b>Invoice Name :</b> Walsh Construction Compai   |               | <b>Purchase Order :</b> 5:15 pm                 | <b>Hard Copy Date :</b>      |
| <b>Invoice Contact :</b> Evelyne Benie Dion Gokan |               |                                                 | <b>Date Signoff :</b>        |

| LAB ID   | CLIENT ID | MATRIX | SAMPLE DATE | SAMPLE TIME | TEST          | TEST GROUP | METHOD | FAX DATE | DUE DATES   |
|----------|-----------|--------|-------------|-------------|---------------|------------|--------|----------|-------------|
| Q1626-01 | CO-32-1   | Solid  | 03/21/2025  | 11:20       | VOC-TCLVOA-10 |            | 8260D  |          | 3 Bus. Days |

Relinquished By : CS

Date / Time : 3-24-25 10:10

Received By : Sally

Date / Time : 03/24/25 10:10

Storage Area : VOA Refridgerator Room

## LOGIN REPORT/SAMPLE TRANSFER

|                                                   |               |                                                 |                              |
|---------------------------------------------------|---------------|-------------------------------------------------|------------------------------|
| <b>Order ID :</b> Q1626                           | <b>WALS01</b> | <b>Order Date :</b> 3/21/2025 12:59:00 PM       | <b>Project Mgr :</b>         |
| <b>Client Name :</b> Walsh Construction Compai    |               | <b>Project Name :</b> Walsh CO-032 Sampling     | <b>Report Type :</b> Level 2 |
| <b>Client Contact :</b> Evelyne Benie Dion Gokan  |               | <b>Receive DateTime :</b> 3/21/2025 12:00:00 AM | <b>EDD Type :</b> Excel NY   |
| <b>Invoice Name :</b> Walsh Construction Compai   |               | <b>Purchase Order :</b> 5:15 pm                 | <b>Hard Copy Date :</b>      |
| <b>Invoice Contact :</b> Evelyne Benie Dion Gokan |               |                                                 | <b>Date Signoff :</b>        |

| LAB ID   | CLIENT ID | MATRIX | SAMPLE DATE | SAMPLE TIME | TEST                    | TEST GROUP | METHOD | FAX DATE | DUE DATES   |
|----------|-----------|--------|-------------|-------------|-------------------------|------------|--------|----------|-------------|
| Q1626-01 | CO-32-1   | Solid  | 03/21/2025  | 11:20       | Gasoline Range Organics |            | 8015D  |          | 3 Bus. Days |

Relinquished By :

Date / Time : 3-24-25 1010

Received By :

Date / Time : 03/24/25 10:10

Storage Area : VOA Refridgerator Room

Page # 6  
1322