

## Cover Page

**Order ID :** Q2301

**Project ID :** 540 Degraw St, Brooklyn, NY - E9309

**Client :** ENTACT

**Lab Sample Number**

Q2301-01  
Q2301-02  
Q2301-03  
Q2301-04

**Client Sample Number**

WC-URBAN-FILL-G  
WC-URBAN-FILL-C  
WC-URBAN-FILL-C  
WC-URBAN-FILL-C

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: 6/17/2025

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 #: Q2301

Completed

For thorough review, the report must have the following:

#### GENERAL:

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

✓

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

✓

Is the chain of custody signed and complete

✓

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

✓

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

✓

#### COVER PAGE:

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

✓

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

✓

#### CHAIN OF CUSTODY:

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

✓

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

✓

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

✓

Were the samples received within hold time

✓

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

✓

#### ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: PRADIP PRAJAPATI

Date: 06/17/2025

### LAB CHRONICLE

|                 |                 |                   |                                     |
|-----------------|-----------------|-------------------|-------------------------------------|
| <b>OrderID:</b> | Q2301           | <b>OrderDate:</b> | 6/12/2025 12:08:00 PM               |
| <b>Client:</b>  | ENTACT          | <b>Project:</b>   | 540 Degraw St, Brooklyn, NY - E9309 |
| <b>Contact:</b> | Austin Farmerie | <b>Location:</b>  | D41                                 |

| LabID           | ClientID               | Matrix      | Test           | Method | Sample Date     | Prep Date | Anal Date | Received        |
|-----------------|------------------------|-------------|----------------|--------|-----------------|-----------|-----------|-----------------|
| <b>Q2301-02</b> | <b>WC-URBAN-FILL-C</b> | <b>SOIL</b> | PCB            | 8082A  | <b>06/11/25</b> | 06/13/25  | 06/13/25  | <b>06/11/25</b> |
| <b>Q2301-03</b> | <b>WC-URBAN-FILL-C</b> | <b>TCLP</b> | TCLP Pesticide | 8081B  | <b>06/11/25</b> | 06/13/25  | 06/13/25  | <b>06/11/25</b> |



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

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

**SDG No.:** Q2301

**Order ID:** Q2301

**Client:** ENTACT

**Project ID:** 540 Degraw St, Brooklyn, NY - E9309

---

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

Client ID :

**Total Concentration:** 0.000



# QC SUMMARY

### Surrogate Summary

SDG No.: Q2301

Client: ENTACT

Analytical Method: 8082A

| Lab Sample ID    | Client ID         | Parameter            | Column | Spike | Result | Rec | Qual | Limits  |           |
|------------------|-------------------|----------------------|--------|-------|--------|-----|------|---------|-----------|
|                  |                   |                      |        |       |        |     |      | Low     | High      |
| I.BLK-PP072163.D | PIBLK-PP072163.D  | Tetrachloro-m-xylene | 1      | 20    | 16.3   | 82  |      | 70 (60) | 130 (140) |
|                  |                   | Decachlorobiphenyl   | 1      | 20    | 16.7   | 84  |      | 70 (60) | 130 (140) |
|                  |                   | Tetrachloro-m-xylene | 2      | 20    | 16.6   | 83  |      | 70 (60) | 130 (140) |
|                  |                   | Decachlorobiphenyl   | 2      | 20    | 17.0   | 85  |      | 70 (60) | 130 (140) |
| I.BLK-PP072903.D | PIBLK-PP072903.D  | Tetrachloro-m-xylene | 1      | 20    | 19.4   | 97  |      | 70 (60) | 130 (140) |
|                  |                   | Decachlorobiphenyl   | 1      | 20    | 20.3   | 102 |      | 70 (60) | 130 (140) |
|                  |                   | Tetrachloro-m-xylene | 2      | 20    | 20.8   | 104 |      | 70 (60) | 130 (140) |
|                  |                   | Decachlorobiphenyl   | 2      | 20    | 23.6   | 118 |      | 70 (60) | 130 (140) |
| PB168459BL       | PB168459BL        | Tetrachloro-m-xylene | 1      | 20    | 19.9   | 100 |      | 30 (32) | 150 (144) |
|                  |                   | Decachlorobiphenyl   | 1      | 20    | 20.7   | 104 |      | 30 (32) | 150 (175) |
|                  |                   | Tetrachloro-m-xylene | 2      | 20    | 21.1   | 106 |      | 30 (32) | 150 (144) |
|                  |                   | Decachlorobiphenyl   | 2      | 20    | 25.4   | 127 |      | 30 (32) | 150 (175) |
| PB168459BS       | PB168459BS        | Tetrachloro-m-xylene | 1      | 20    | 20.0   | 100 |      | 30 (32) | 150 (144) |
|                  |                   | Decachlorobiphenyl   | 1      | 20    | 21.5   | 108 |      | 30 (32) | 150 (175) |
|                  |                   | Tetrachloro-m-xylene | 2      | 20    | 20.0   | 100 |      | 30 (32) | 150 (144) |
|                  |                   | Decachlorobiphenyl   | 2      | 20    | 25.3   | 126 |      | 30 (32) | 150 (175) |
| Q2301-02         | WC-URBAN-FILL-C   | Tetrachloro-m-xylene | 1      | 20    | 13.9   | 70  |      | 30 (32) | 150 (144) |
|                  |                   | Decachlorobiphenyl   | 1      | 20    | 12.7   | 63  |      | 30 (32) | 150 (175) |
|                  |                   | Tetrachloro-m-xylene | 2      | 20    | 19.0   | 95  |      | 30 (32) | 150 (144) |
|                  |                   | Decachlorobiphenyl   | 2      | 20    | 16.2   | 81  |      | 30 (32) | 150 (175) |
| Q2305-01MS       | TR-04-06122025MS  | Tetrachloro-m-xylene | 1      | 20    | 16.5   | 83  |      | 30 (32) | 150 (144) |
|                  |                   | Decachlorobiphenyl   | 1      | 20    | 19.0   | 95  |      | 30 (32) | 150 (175) |
|                  |                   | Tetrachloro-m-xylene | 2      | 20    | 19.6   | 98  |      | 30 (32) | 150 (144) |
|                  |                   | Decachlorobiphenyl   | 2      | 20    | 24.0   | 120 |      | 30 (32) | 150 (175) |
| Q2305-01MSD      | TR-04-06122025MSD | Tetrachloro-m-xylene | 1      | 20    | 19.2   | 96  |      | 30 (32) | 150 (144) |
|                  |                   | Decachlorobiphenyl   | 1      | 20    | 17.6   | 88  |      | 30 (32) | 150 (175) |
|                  |                   | Tetrachloro-m-xylene | 2      | 20    | 21.1   | 105 |      | 30 (32) | 150 (144) |
|                  |                   | Decachlorobiphenyl   | 2      | 20    | 22.2   | 111 |      | 30 (32) | 150 (175) |
| I.BLK-PP072918.D | PIBLK-PP072918.D  | Tetrachloro-m-xylene | 1      | 20    | 18.8   | 94  |      | 70 (60) | 130 (140) |
|                  |                   | Decachlorobiphenyl   | 1      | 20    | 17.9   | 90  |      | 70 (60) | 130 (140) |
|                  |                   | Tetrachloro-m-xylene | 2      | 20    | 20.4   | 102 |      | 70 (60) | 130 (140) |
|                  |                   | Decachlorobiphenyl   | 2      | 20    | 22.7   | 113 |      | 70 (60) | 130 (140) |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

|                 |               |                           |                   |
|-----------------|---------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q2301</u>  | <b>Analytical Method:</b> | <u>8082A</u>      |
| <b>Client:</b>  | <u>ENTACT</u> | <b>DataFile :</b>         | <u>PP072911.D</u> |

| Lab Sample ID:                                       | Parameter                         | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Low     | Limits High | RPD |
|------------------------------------------------------|-----------------------------------|-------|---------------|--------|-------|-----|----------|-----|----------|---------|-------------|-----|
| <b>Client Sample ID:</b><br>Q2305-01MS<br>(Column 1) | <b>TR-04-06122025MS</b><br>AR1016 | 169.6 | 0             | 118    | ug/kg | 70  |          |     |          | 40 (55) | 140 (146)   |     |
|                                                      | AR1260                            | 169.6 | 0             | 113    | ug/kg | 67  |          |     |          | 40 (54) | 140 (119)   |     |
| <b>Client Sample ID:</b><br>Q2305-01MS<br>(Column 2) | <b>TR-04-06122025MS</b><br>AR1016 | 169.6 | 0             | 132    | ug/kg | 78  |          |     |          | 40 (55) | 140 (146)   |     |
|                                                      | AR1260                            | 169.6 | 0             | 130    | ug/kg | 77  |          |     |          | 40 (54) | 140 (119)   |     |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

|                 |               |                           |                   |
|-----------------|---------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q2301</u>  | <b>Analytical Method:</b> | <u>8082A</u>      |
| <b>Client:</b>  | <u>ENTACT</u> | <b>DataFile :</b>         | <u>PP072912.D</u> |

| Lab Sample ID:                                        | Parameter                          | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Low     | Limits High | RPD     |
|-------------------------------------------------------|------------------------------------|-------|---------------|--------|-------|-----|----------|-----|----------|---------|-------------|---------|
| <b>Client Sample ID:</b><br>Q2305-01MSD<br>(Column 1) | <b>TR-04-06122025MSD</b><br>AR1016 | 169.4 | 0             | 123    | ug/kg | 73  |          | 4   |          | 40 (55) | 140 (146)   | 30 (15) |
|                                                       | AR1260                             | 169.4 | 0             | 104    | ug/kg | 61  |          | 9   |          | 40 (54) | 140 (119)   | 30 (15) |
| <b>Client Sample ID:</b><br>Q2305-01MSD<br>(Column 2) | <b>TR-04-06122025MSD</b><br>AR1016 | 169.4 | 0             | 133    | ug/kg | 79  |          | 1   |          | 40 (55) | 140 (146)   | 30 (15) |
|                                                       | AR1260                             | 169.4 | 0             | 125    | ug/kg | 74  |          | 4   |          | 40 (54) | 140 (119)   | 30 (15) |

**Laboratory Control Sample/Laboratory Control Sample Duplicate Summary**

**SW-846**

|                 |               |                           |                   |
|-----------------|---------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q2301</u>  | <b>Analytical Method:</b> | <u>8082A</u>      |
| <b>Client:</b>  | <u>ENTACT</u> | <b>Datafile :</b>         | <u>PP072905.D</u> |

| Lab Sample ID            | Parameter | Spike | Result | Units | Rec | RPD | Qual | RPD  | Limits  |           | RPD |
|--------------------------|-----------|-------|--------|-------|-----|-----|------|------|---------|-----------|-----|
|                          |           |       |        |       |     |     |      | Qual | Low     | High      |     |
| PB168459BS<br>(Column 1) | AR1016    | 166.5 | 128    | ug/kg | 77  |     |      |      | 40 (71) | 140 (120) |     |
|                          | AR1260    | 166.5 | 126    | ug/kg | 76  |     |      |      | 40 (65) | 140 (130) |     |
| PB168459BS<br>(Column 2) | AR1016    | 166.5 | 135    | ug/kg | 81  |     |      |      | 40 (71) | 140 (120) |     |
|                          | AR1260    | 166.5 | 150    | ug/kg | 90  |     |      |      | 40 (65) | 140 (130) |     |

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168459BL

Lab Name: CHEMTECH

Contract: ENTA05

Lab Code: CHEM Case No.: Q2301

SAS No.: Q2301 SDG NO.: Q2301

Lab Sample ID: PB168459BL

Lab File ID: PP072904.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 06/13/2025

Date Analyzed (1): 06/13/2025

Date Analyzed (2): 06/13/2025

Time Analyzed (1): 11:22

Time Analyzed (2): 11:22

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 |
|-------------------|------------------|----------------|--------------------|--------------------|
| PB168459BS        | PB168459BS       | PP072905.D     | 06/13/2025         | 06/13/2025         |
| WC-URBAN-FILL-C   | Q2301-02         | PP072909.D     | 06/13/2025         | 06/13/2025         |
| TR-04-06122025MS  | Q2305-01MS       | PP072911.D     | 06/13/2025         | 06/13/2025         |
| TR-04-06122025MSD | Q2305-01MSD      | PP072912.D     | 06/13/2025         | 06/13/2025         |

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



# SAMPLE DATA

## Report of Analysis

|                    |                                     |                    |          |
|--------------------|-------------------------------------|--------------------|----------|
| Client:            | ENTACT                              | Date Collected:    | 06/11/25 |
| Project:           | 540 Degraw St, Brooklyn, NY - E9309 | Date Received:     | 06/11/25 |
| Client Sample ID:  | WC-URBAN-FILL-C                     | SDG No.:           | Q2301    |
| Lab Sample ID:     | Q2301-02                            | Matrix:            | SOIL     |
| Analytical Method: | 8082A                               | % Solid:           | 83       |
| Sample Wt/Vol:     | 30.03                               | 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 |
| PP072909.D        | 1         | 06/13/25 08:05 | 06/13/25 12:44 | PB168459      |

| CAS Number        | Parameter            | Conc.  | Qualifier | MDL                 | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|--------|-----------|---------------------|------------|-------------------|
| <b>TARGETS</b>    |                      |        |           |                     |            |                   |
| 12674-11-2        | Aroclor-1016         | 0.0048 | U         | 0.0048              | 0.021      | mg/Kg             |
| 11104-28-2        | Aroclor-1221         | 0.0049 | U         | 0.0049              | 0.021      | mg/Kg             |
| 11141-16-5        | Aroclor-1232         | 0.0045 | U         | 0.0045              | 0.021      | mg/Kg             |
| 53469-21-9        | Aroclor-1242         | 0.0048 | U         | 0.0048              | 0.021      | mg/Kg             |
| 12672-29-6        | Aroclor-1248         | 0.0071 | U         | 0.0071              | 0.021      | mg/Kg             |
| 11097-69-1        | Aroclor-1254         | 0.0039 | U         | 0.0039              | 0.021      | mg/Kg             |
| 37324-23-5        | Aroclor-1262         | 0.0060 | U         | 0.0060              | 0.021      | mg/Kg             |
| 11100-14-4        | Aroclor-1268         | 0.0043 | U         | 0.0043              | 0.021      | mg/Kg             |
| 11096-82-5        | Aroclor-1260         | 0.0039 | U         | 0.0039              | 0.021      | mg/Kg             |
| <b>SURROGATES</b> |                      |        |           |                     |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 19.0   |           | 30 (32) - 150 (144) | 95%        | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 16.2   |           | 30 (32) - 150 (175) | 81%        | 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\PP061325\  
 Data File : PP072909.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Jun 2025 12:44  
 Operator : YP\AJ  
 Sample : Q2301-02  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 WC-URBAN-FILL-C

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/16/2025  
 Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 13 15:07:27 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat May 24 03:32:20 2025  
 Response via : 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...          | 4.495  | 3.791 | 28031930 | 30371696 | 13.941m | 19.002 # |
| 2) SA Decachlor...          | 10.190 | 8.802 | 20628882 | 17158810 | 12.663m | 16.209m# |

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP061325\  
Data File : PP072909.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Jun 2025 12:44  
Operator : YP\AJ  
Sample : Q2301-02  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

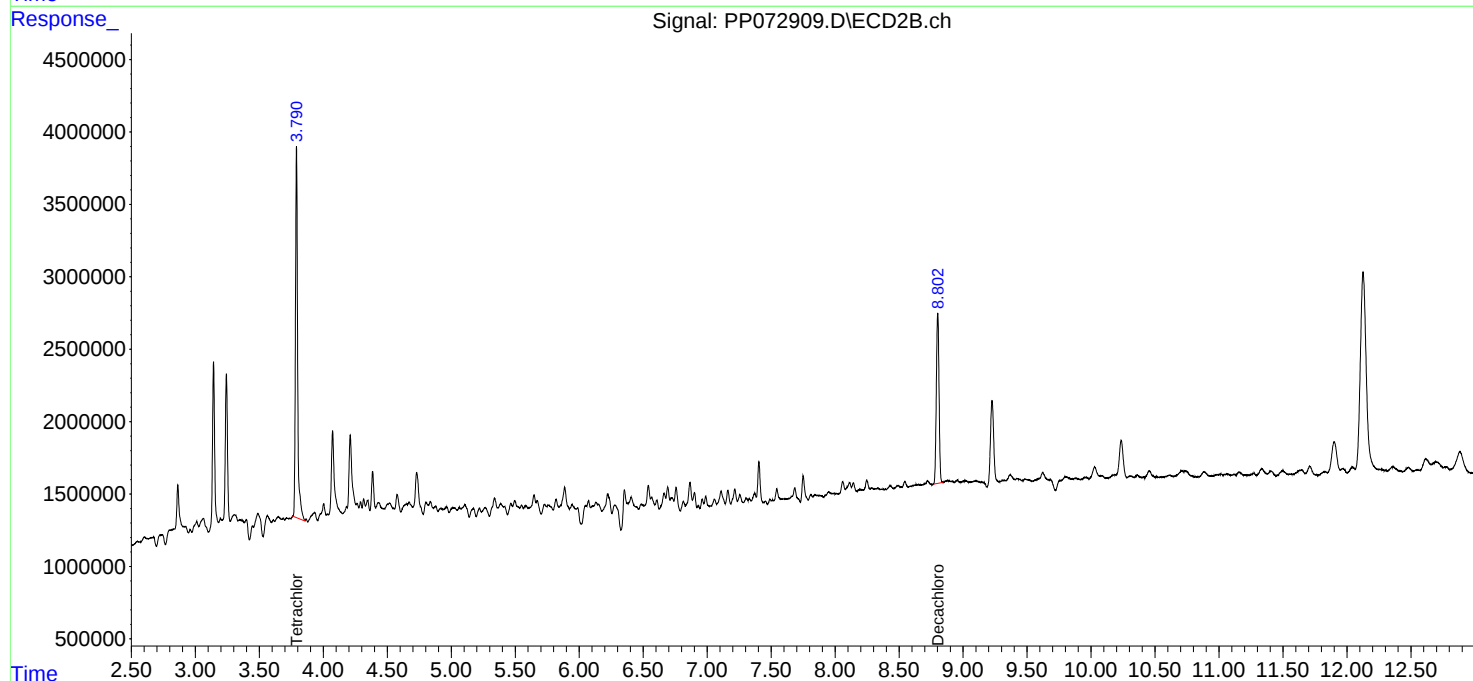
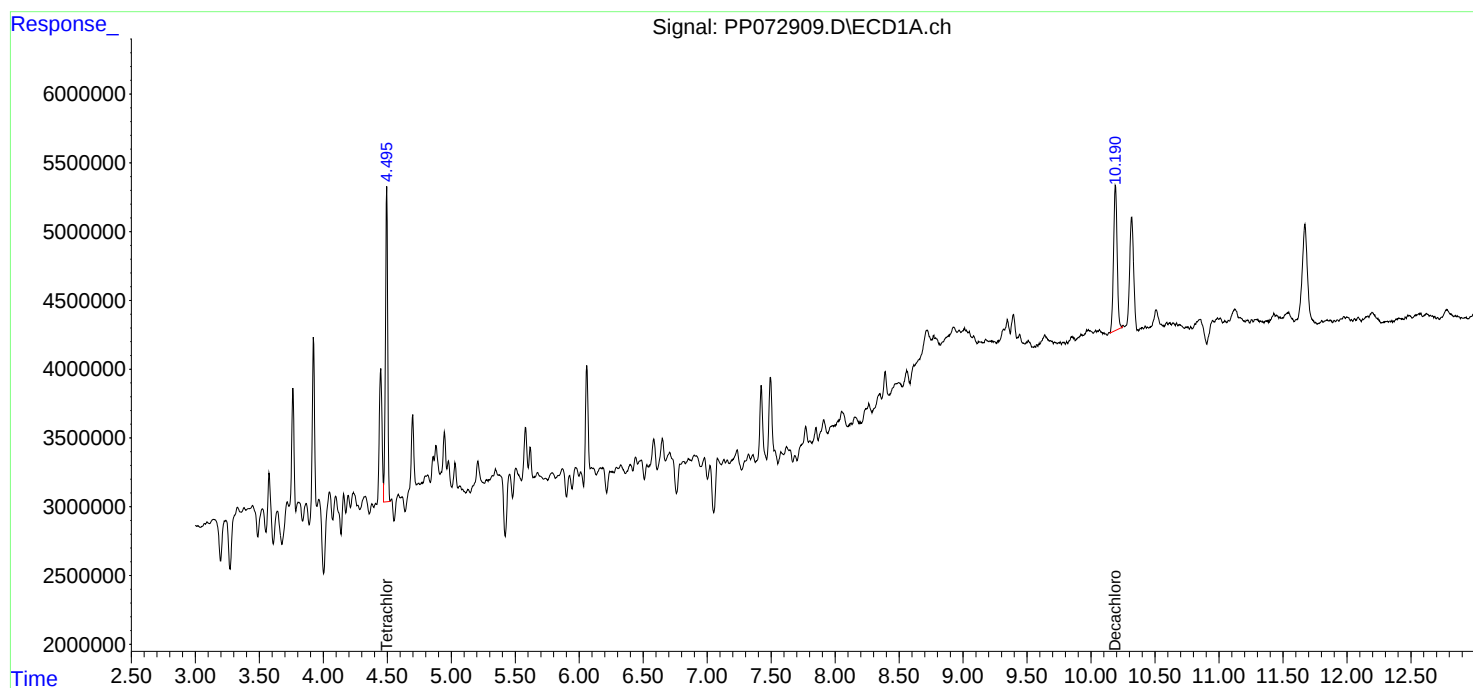
Instrument :  
ECD\_P  
ClientSampleId :  
WC-URBAN-FILL-C

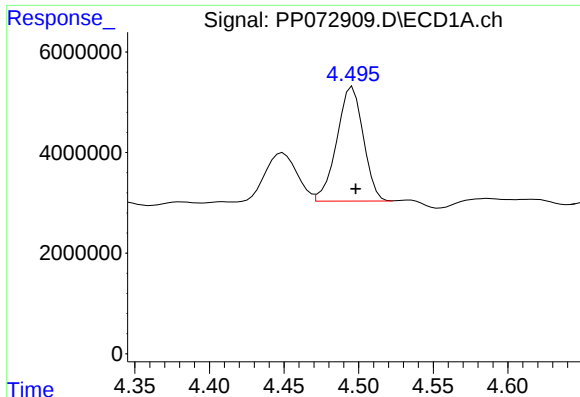
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 06/16/2025  
Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 13 15:07:27 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat May 24 03:32:20 2025  
Response via : 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





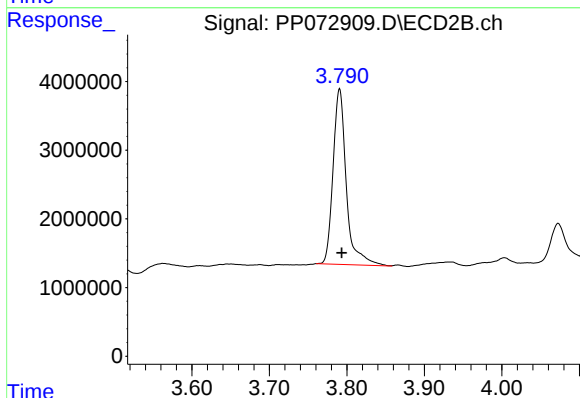
## #1 Tetrachloro-m-xylene

R.T.: 4.495 min  
Delta R.T.: -0.003 min  
Response: 28031930  
Conc: 13.94 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
WC-URBAN-FILL-C

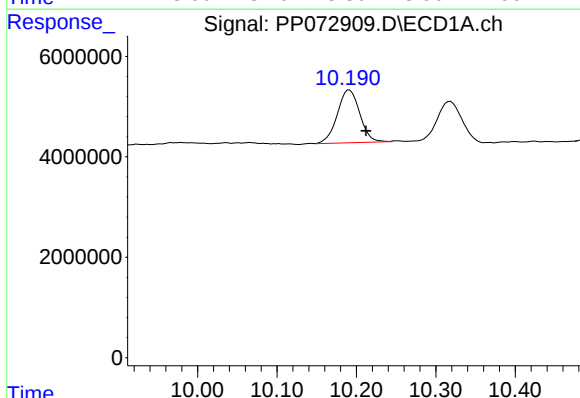
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 06/16/2025  
Supervised By :mohammad ahmed 06/17/2025



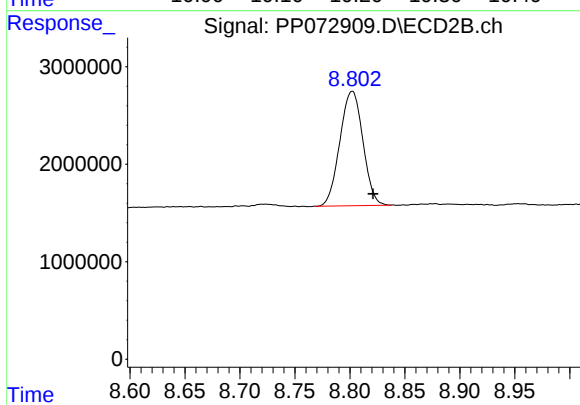
## #1 Tetrachloro-m-xylene

R.T.: 3.791 min  
Delta R.T.: -0.003 min  
Response: 30371696  
Conc: 19.00 ng/ml



## #2 Decachlorobiphenyl

R.T.: 10.190 min  
Delta R.T.: -0.022 min  
Response: 20628882  
Conc: 12.66 ng/ml m



## #2 Decachlorobiphenyl

R.T.: 8.802 min  
Delta R.T.: -0.019 min  
Response: 17158810  
Conc: 16.21 ng/ml m



# CALIBRATION SUMMARY

### RETENTION TIMES OF INITIAL CALIBRATION

|                |               |                      |              |                   |                   |          |              |
|----------------|---------------|----------------------|--------------|-------------------|-------------------|----------|--------------|
| Contract:      | <u>ENTA05</u> |                      |              |                   |                   |          |              |
| Lab Code:      | <u>CHEM</u>   | Case No.:            | <u>Q2301</u> | SAS No.:          | <u>Q2301</u>      | SDG NO.: | <u>Q2301</u> |
| Instrument ID: | <u>ECD_P</u>  | Calibration Date(s): |              | <u>05/19/2025</u> | <u>05/19/2025</u> |          |              |
|                |               | Calibration Times:   |              | <u>09:42</u>      | <u>18:25</u>      |          |              |

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

LAB FILE ID: RT 1000 = PP072164.D RT 750 = PP072165.D  
RT 500 = PP072166.D RT 250 = PP072167.D RT 050 = PP072168.D

[illegible]

**RETENTION TIMES OF INITIAL CALIBRATION**

|                      |       |       |       |       |       |       |       |       |
|----------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Decachlorobiphenyl   | 10.22 | 10.22 | 10.22 | 10.22 | 10.22 | 10.22 | 10.12 | 10.32 |
| Tetrachloro-m-xylene | 4.50  | 4.50  | 4.50  | 4.50  | 4.50  | 4.50  | 4.40  | 4.60  |
| Aroclor-1268-1 (1)   | 8.72  | 8.72  | 8.72  | 8.72  | 8.72  | 8.72  | 8.62  | 8.82  |
| Aroclor-1268-2 (2)   | 8.81  | 8.82  | 8.81  | 8.81  | 8.81  | 8.81  | 8.71  | 8.91  |
| Aroclor-1268-3 (3)   | 9.04  | 9.05  | 9.04  | 9.04  | 9.05  | 9.04  | 8.94  | 9.14  |
| Aroclor-1268-4 (4)   | 9.46  | 9.46  | 9.46  | 9.46  | 9.46  | 9.46  | 9.36  | 9.56  |
| Aroclor-1268-5 (5)   | 9.88  | 9.88  | 9.88  | 9.88  | 9.88  | 9.88  | 9.78  | 9.98  |
| Decachlorobiphenyl   | 10.22 | 10.22 | 10.22 | 10.21 | 10.22 | 10.22 | 10.12 | 10.32 |
| Tetrachloro-m-xylene | 4.50  | 4.51  | 4.50  | 4.50  | 4.50  | 4.50  | 4.40  | 4.60  |

### RETENTION TIMES OF INITIAL CALIBRATION

|                |               |                      |              |                   |                   |          |              |
|----------------|---------------|----------------------|--------------|-------------------|-------------------|----------|--------------|
| Contract:      | <u>ENTA05</u> |                      |              |                   |                   |          |              |
| Lab Code:      | <u>CHEM</u>   | Case No.:            | <u>Q2301</u> | SAS No.:          | <u>Q2301</u>      | SDG NO.: | <u>Q2301</u> |
| Instrument ID: | <u>ECD_P</u>  | Calibration Date(s): |              | <u>05/19/2025</u> | <u>05/19/2025</u> |          |              |
|                |               | Calibration Times:   |              | <u>09:42</u>      | <u>18:25</u>      |          |              |

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

|              |            |                   |            |                     |
|--------------|------------|-------------------|------------|---------------------|
| LAB FILE ID: | RT 1000 =  | <u>PP072164.D</u> | RT 750 =   | <u>PP072165.D</u>   |
| RT 500 =     | PP072166.D | RT 250 =          | PP072167.D | RT 050 = PP072168.D |

[illegible]

[illegible]

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

**Contract:** ENTA05  
**Lab Code:** CHEM **Case No.:** Q2301 **SAS No.:** Q2301 **SDG NO.:** Q2301  
**Instrument ID:** ECD\_P  
**Calibration Date(s):** 05/19/2025 05/19/2025  
**Calibration Times:** 09:42 18:25

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

| LAB FILE ID:               |     | CF 1000 = <u>PP072164.D</u> |            | CF 750 = <u>PP072165.D</u> |            |            |            |
|----------------------------|-----|-----------------------------|------------|----------------------------|------------|------------|------------|
| CF 500 = <u>PP072166.D</u> |     | CF 250 = <u>PP072167.D</u>  |            | CF 050 = <u>PP072168.D</u> |            |            |            |
| COMPOUND                   |     | CF 1000                     | CF 750     | CF 500                     | CF 250     | CF 050     | % RSD      |
| Aroclor-1016-1             | (1) | 66878491                    | 69828851   | 76010044                   | 83211968   | 79488900   | 75083651   |
| Aroclor-1016-2             | (2) | 99468528                    | 104467549  | 110518222                  | 118579572  | 101924480  | 106991670  |
| Aroclor-1016-3             | (3) | 61412187                    | 64234915   | 67714060                   | 73550892   | 60912680   | 65564947   |
| Aroclor-1016-4             | (4) | 50363803                    | 53404009   | 55311866                   | 58220708   | 49049560   | 53269989   |
| Aroclor-1016-5             | (5) | 45437165                    | 47941741   | 49914606                   | 51189784   | 50062640   | 48909187   |
| Aroclor-1260-1             | (1) | 85553757                    | 90346417   | 93957158                   | 98060904   | 100055640  | 93594775   |
| Aroclor-1260-2             | (2) | 135650987                   | 137755076  | 143609204                  | 149400496  | 151032820  | 143489717  |
| Aroclor-1260-3             | (3) | 109042220                   | 112821207  | 117388622                  | 121236852  | 108865120  | 113870804  |
| Aroclor-1260-4             | (4) | 102101329                   | 107107725  | 110940768                  | 114591832  | 101771400  | 107302611  |
| Aroclor-1260-5             | (5) | 228876095                   | 233706888  | 240834266                  | 249937120  | 229956720  | 236662218  |
| Decachlorobiphenyl         |     | 1538266220                  | 1617591187 | 1654764640                 | 1712186920 | 1622812600 | 1629124313 |
| Tetrachloro-m-xylene       |     | 1944699760                  | 2026562000 | 2072807240                 | 2135906680 | 1874026800 | 2010800496 |
| Aroclor-1232-1             | (1) | 44075653                    | 45896815   | 48002922                   | 48247276   | 49319600   | 47108453   |
| Aroclor-1232-2             | (2) | 21717379                    | 22928696   | 23244388                   | 23029808   | 25495660   | 23283186   |
| Aroclor-1232-3             | (3) | 46772523                    | 50148184   | 51844656                   | 54382920   | 47167260   | 50063109   |
| Aroclor-1232-4             | (4) | 23238504                    | 24146713   | 24804390                   | 26183196   | 27122440   | 25099049   |
| Aroclor-1232-5             | (5) | 15752983                    | 16470224   | 16442412                   | 18109320   | 20822780   | 17519544   |
| Decachlorobiphenyl         |     | 1545279190                  | 1600827560 | 1672901480                 | 1703701720 | 1499866000 | 1604515190 |
| Tetrachloro-m-xylene       |     | 1886122400                  | 2000973440 | 2054641840                 | 2122290120 | 1923172600 | 1997440080 |
| Aroclor-1242-1             | (1) | 56211553                    | 57323072   | 62083360                   | 65843868   | 71524840   | 62597339   |
| Aroclor-1242-2             | (2) | 82973080                    | 85971496   | 91883334                   | 97584776   | 75486540   | 86779845   |
| Aroclor-1242-3             | (3) | 51559127                    | 52121972   | 55496172                   | 57080948   | 59071260   | 55065896   |
| Aroclor-1242-4             | (4) | 41207603                    | 43030657   | 45948576                   | 46781836   | 44776460   | 44349026   |
| Aroclor-1242-5             | (5) | 47977894                    | 48696228   | 50879554                   | 52435600   | 54934800   | 50984815   |
| Decachlorobiphenyl         |     | 1526214180                  | 1567133680 | 1645977640                 | 1728993240 | 1487418400 | 1591147428 |
| Tetrachloro-m-xylene       |     | 1827808490                  | 1928927520 | 1991275140                 | 2114690400 | 1713029600 | 1915146230 |
| Aroclor-1248-1             | (1) | 44038397                    | 47472432   | 47912646                   | 51445364   | 51108500   | 48395468   |
| Aroclor-1248-2             | (2) | 56984732                    | 59400859   | 61165396                   | 63476680   | 62172680   | 60640069   |
| Aroclor-1248-3             | (3) | 64677132                    | 65813748   | 68767932                   | 70638012   | 61003720   | 66180109   |
| Aroclor-1248-4             | (4) | 81606824                    | 85304428   | 88412180                   | 92196600   | 89440360   | 87392078   |
| Aroclor-1248-5             | (5) | 77587697                    | 81003728   | 83211240                   | 86851844   | 86474060   | 83025714   |
| Decachlorobiphenyl         |     | 1573368300                  | 1599269360 | 1663196880                 | 1714969280 | 1478724200 | 1605905604 |
| Tetrachloro-m-xylene       |     | 1880240370                  | 1909383627 | 1990709860                 | 2112434560 | 1856348600 | 1949823403 |
| Aroclor-1254-1             | (1) | 79792123                    | 82783284   | 86922424                   | 91684028   | 88834440   | 86003260   |

### CALIBRATION FACTOR OF INITIAL CALIBRATION

|                      |     |            |            |            |            |            |            |    |
|----------------------|-----|------------|------------|------------|------------|------------|------------|----|
| Aroclor-1254-2       | (2) | 120142096  | 124850076  | 131105324  | 134547092  | 142741880  | 130677294  | 7  |
| Aroclor-1254-3       | (3) | 124307316  | 127832729  | 133782854  | 136984312  | 137108200  | 132003082  | 4  |
| Aroclor-1254-4       | (4) | 116304358  | 118550812  | 124418220  | 136069712  | 157210520  | 130510724  | 13 |
| Aroclor-1254-5       | (5) | 107938622  | 112056604  | 116315218  | 117138120  | 102784720  | 111246657  | 5  |
| Decachlorobiphenyl   |     | 1576500070 | 1614032093 | 1688035380 | 1708021160 | 1475084400 | 1612334621 | 6  |
| Tetrachloro-m-xylene |     | 1869066560 | 1948875347 | 2032435420 | 2069900400 | 1617536400 | 1907562825 | 9  |
| Aroclor-1268-1       | (1) | 315692357  | 322966827  | 337626016  | 351356792  | 338115380  | 333151474  | 4  |
| Aroclor-1268-2       | (2) | 265886956  | 272371317  | 285215132  | 296487980  | 279979560  | 279988189  | 4  |
| Aroclor-1268-3       | (3) | 227961300  | 235081659  | 247250176  | 255747588  | 241284760  | 241465097  | 4  |
| Aroclor-1268-4       | (4) | 101392203  | 104765767  | 107968348  | 108360296  | 102254740  | 104948271  | 3  |
| Aroclor-1268-5       | (5) | 651541042  | 667177075  | 686960040  | 706355632  | 672967440  | 677000246  | 3  |
| Decachlorobiphenyl   |     | 2733685450 | 2815599213 | 2937966700 | 3038738360 | 2636754200 | 2832548785 | 6  |
| Tetrachloro-m-xylene |     | 1849618000 | 1900065360 | 1995699220 | 2054630680 | 1744336400 | 1908869932 | 6  |

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

**Contract:** ENTA05  
**Lab Code:** CHEM **Case No.:** Q2301 **SAS No.:** Q2301 **SDG NO.:** Q2301  
**Instrument ID:** ECD\_P  
**Calibration Date(s):** 05/19/2025 05/19/2025  
**Calibration Times:** 09:42 18:25  
**GC Column:** ZB-MR2 **ID:** 0.32 (mm)

| LAB FILE ID:               |     | CF 1000 = <u>PP072164.D</u> |            | CF 750 = <u>PP072165.D</u> |            |            |            |
|----------------------------|-----|-----------------------------|------------|----------------------------|------------|------------|------------|
| CF 500 = <u>PP072166.D</u> |     | CF 250 = <u>PP072167.D</u>  |            | CF 050 = <u>PP072168.D</u> |            |            |            |
| COMPOUND                   |     | CF 1000                     | CF 750     | CF 500                     | CF 250     | CF 050     | % RSD      |
| Aroclor-1016-1             | (1) | 54525663                    | 58849481   | 59632288                   | 64515432   | 69624760   | 61429525   |
| Aroclor-1016-2             | (2) | 79772717                    | 86154421   | 85288758                   | 92453296   | 95277560   | 87789350   |
| Aroclor-1016-3             | (3) | 42641318                    | 46352395   | 47330430                   | 50989192   | 50959120   | 47654491   |
| Aroclor-1016-4             | (4) | 33654246                    | 36754908   | 37811202                   | 41521120   | 40485160   | 38045327   |
| Aroclor-1016-5             | (5) | 43791070                    | 47744144   | 49105368                   | 53701332   | 54780200   | 49824423   |
| Aroclor-1260-1             | (1) | 72244144                    | 75307759   | 80373306                   | 84844232   | 85999160   | 79753720   |
| Aroclor-1260-2             | (2) | 87664004                    | 90365408   | 98490088                   | 104924488  | 125666920  | 101422182  |
| Aroclor-1260-3             | (3) | 79909091                    | 81326363   | 88937536                   | 92494016   | 91844780   | 86902357   |
| Aroclor-1260-4             | (4) | 64349922                    | 67685321   | 72647720                   | 77711116   | 78060640   | 72090944   |
| Aroclor-1260-5             | (5) | 161315528                   | 166937577  | 177635780                  | 187517596  | 174713540  | 173624004  |
| Decachlorobiphenyl         |     | 920208980                   | 1044964960 | 1093136160                 | 1163579000 | 1071118200 | 1058601460 |
| Tetrachloro-m-xylene       |     | 1547649930                  | 1584243107 | 1593704220                 | 1639561360 | 1626633000 | 1598358323 |
| Aroclor-1232-1             | (1) | 37616932                    | 40592059   | 45290150                   | 47667724   | 45555860   | 43344545   |
| Aroclor-1232-2             | (2) | 39358353                    | 42024527   | 44532022                   | 47402620   | 47585980   | 44180700   |
| Aroclor-1232-3             | (3) | 20796080                    | 22347549   | 23808552                   | 25172964   | 24790340   | 23383097   |
| Aroclor-1232-4             | (4) | 17897124                    | 19415229   | 20680720                   | 21689292   | 23918420   | 20720157   |
| Aroclor-1232-5             | (5) | 19472370                    | 21237964   | 22534450                   | 24219412   | 28307940   | 23154427   |
| Decachlorobiphenyl         |     | 991061470                   | 1069964400 | 1120483020                 | 1147415120 | 1151969600 | 1096178722 |
| Tetrachloro-m-xylene       |     | 1503650850                  | 1560846907 | 1685979140                 | 1671096560 | 1578260800 | 1599966851 |
| Aroclor-1242-1             | (1) | 46123670                    | 49902476   | 52843000                   | 57237560   | 54435320   | 52108405   |
| Aroclor-1242-2             | (2) | 66003789                    | 71039361   | 75471286                   | 80940564   | 74026140   | 73496228   |
| Aroclor-1242-3             | (3) | 34394227                    | 38777200   | 41064482                   | 44714476   | 36677280   | 39125533   |
| Aroclor-1242-4             | (4) | 32146418                    | 36854119   | 38826456                   | 43192656   | 36894340   | 37582798   |
| Aroclor-1242-5             | (5) | 41776015                    | 46613400   | 48754570                   | 54226988   | 49917340   | 48257663   |
| Decachlorobiphenyl         |     | 967171680                   | 1074707920 | 1046164720                 | 1163123680 | 1078294400 | 1065892480 |
| Tetrachloro-m-xylene       |     | 1545621850                  | 1670448987 | 1600956100                 | 1623877080 | 1377345600 | 1563649923 |
| Aroclor-1248-1             | (1) | 38942472                    | 38080832   | 42980810                   | 46736940   | 49867020   | 43321615   |
| Aroclor-1248-2             | (2) | 50685144                    | 49386624   | 55814958                   | 61079164   | 65420760   | 56477330   |
| Aroclor-1248-3             | (3) | 53612101                    | 51937139   | 58301874                   | 64007240   | 67677000   | 59107071   |
| Aroclor-1248-4             | (4) | 63542852                    | 61081784   | 68799052                   | 75621092   | 79219440   | 69652844   |
| Aroclor-1248-5             | (5) | 63751699                    | 62374025   | 69241268                   | 74501112   | 78829180   | 69739457   |
| Decachlorobiphenyl         |     | 1077930460                  | 1066864453 | 1129616840                 | 1218519160 | 1187538600 | 1136093903 |
| Tetrachloro-m-xylene       |     | 1585370290                  | 1544149787 | 1686359520                 | 1807980440 | 1717995000 | 1668371007 |
| Aroclor-1254-1             | (1) | 88394708                    | 92134828   | 103452628                  | 109580892  | 106208260  | 99954263   |

### CALIBRATION FACTOR OF INITIAL CALIBRATION

|                      |     |            |            |            |            |            |            |    |
|----------------------|-----|------------|------------|------------|------------|------------|------------|----|
| Aroclor-1254-2       | (2) | 75158218   | 78808232   | 90151838   | 93786952   | 93629340   | 86306916   | 10 |
| Aroclor-1254-3       | (3) | 118588697  | 123091027  | 137573488  | 140955076  | 122895140  | 128620686  | 8  |
| Aroclor-1254-4       | (4) | 76184182   | 79817879   | 90049888   | 92363636   | 88066400   | 85296397   | 8  |
| Aroclor-1254-5       | (5) | 103321222  | 111630831  | 120507404  | 120857332  | 110441220  | 113351602  | 7  |
| Decachlorobiphenyl   |     | 1048618240 | 1081081133 | 1110321040 | 1211638680 | 1138223000 | 1117976419 | 6  |
| Tetrachloro-m-xylene |     | 1515554540 | 1677026120 | 1758978840 | 1703246040 | 1394379800 | 1609837068 | 9  |
| Aroclor-1268-1       | (1) | 212587803  | 222334836  | 235771254  | 243664628  | 256729280  | 234217560  | 7  |
| Aroclor-1268-2       | (2) | 188526781  | 196925783  | 208389682  | 217661736  | 222594360  | 206819668  | 7  |
| Aroclor-1268-3       | (3) | 155195263  | 161035703  | 174669460  | 176674312  | 179279020  | 169370752  | 6  |
| Aroclor-1268-4       | (4) | 67370219   | 71019111   | 74855072   | 76562592   | 74977520   | 72956903   | 5  |
| Aroclor-1268-5       | (5) | 431064337  | 442819956  | 457037218  | 461770552  | 492119380  | 456962289  | 5  |
| Decachlorobiphenyl   |     | 1753973260 | 1820277787 | 1902401960 | 1966032280 | 2130248600 | 1914586777 | 8  |
| Tetrachloro-m-xylene |     | 1581658390 | 1604094987 | 1649636500 | 1662342440 | 1498230000 | 1599192463 | 4  |



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

# INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: ENTA05

Lab Code: CHEM Case No.: Q2301 SAS No.: Q2301 SDG NO.: Q2301

Instrument ID: ECD\_P Date(s) Analyzed: 05/19/2025 05/19/2025

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    | 4.70 | 4.60      | 4.80 | 25133000              |
|              |                | 2    | 4.79 | 4.69      | 4.89 | 17981400              |
|              |                | 3    | 4.86 | 4.76      | 4.96 | 58509600              |
|              |                | 4    | 0.00 |           |      | 0                     |
|              |                | 5    | 0.00 |           |      | 0                     |
| Aroclor-1262 | 500            | 1    | 8.09 | 7.99      | 8.19 | 133245000             |
|              |                | 2    | 8.41 | 8.31      | 8.51 | 272386000             |
|              |                | 3    | 8.72 | 8.62      | 8.82 | 185530000             |
|              |                | 4    | 8.81 | 8.71      | 8.91 | 134281000             |
|              |                | 5    | 9.46 | 9.36      | 9.56 | 92460600              |



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

### INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: ENTA05

Lab Code: CHEM Case No.: Q2301 SAS No.: Q2301 SDG NO.: Q2301

Instrument ID: ECD\_P Date(s) Analyzed: 05/19/2025 05/19/2025

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    | 4.01 | 3.91      | 4.11 | 23124400              |
|              |                | 2    | 4.09 | 3.99      | 4.19 | 17698400              |
|              |                | 3    | 4.17 | 4.07      | 4.27 | 52270400              |
|              |                | 4    | 0.00 |           |      | 0                     |
|              |                | 5    | 0.00 |           |      | 0                     |
| Aroclor-1262 | 500            | 1    | 6.92 | 6.82      | 7.02 | 113028000             |
|              |                | 2    | 7.18 | 7.08      | 7.28 | 97127000              |
|              |                | 3    | 7.70 | 7.60      | 7.80 | 81531200              |
|              |                | 4    | 7.77 | 7.67      | 7.87 | 140624000             |
|              |                | 5    | 8.27 | 8.17      | 8.37 | 65083800              |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
 Data File : PP072164.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 May 2025 09:42  
 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: May 19 10:58:36 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon May 19 10:54:08 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.498  | 3.791 | 194.5E6  | 154.8E6  | 96.811  | 98.534  |
| 2) SA Decachlor...          | 10.214 | 8.822 | 153.8E6  | 92020898 | 96.351  | 91.411  |
| Target Compounds            |        |       |          |          |         |         |
| 3) L1 AR-1016-1             | 5.653  | 4.877 | 66878491 | 54525663 | 936.093 | 955.267 |
| 4) L1 AR-1016-2             | 5.675  | 4.895 | 99468528 | 79772717 | 947.379 | 966.582 |
| 5) L1 AR-1016-3             | 5.737  | 5.072 | 61412187 | 42641318 | 951.196 | 947.882 |
| 6) L1 AR-1016-4             | 5.835  | 5.114 | 50363803 | 33654246 | 953.177 | 941.833 |
| 7) L1 AR-1016-5             | 6.128  | 5.329 | 45437165 | 43791070 | 953.043 | 942.793 |
| 31) L7 AR-1260-1            | 7.249  | 6.364 | 85553757 | 72244144 | 953.187 | 946.735 |
| 32) L7 AR-1260-2            | 7.503  | 6.553 | 135.7E6  | 87664004 | 971.503 | 941.843 |
| 33) L7 AR-1260-3            | 7.861  | 6.705 | 109.0E6  | 79909091 | 963.139 | 946.529 |
| 34) L7 AR-1260-4            | 8.085  | 7.177 | 102.1E6  | 64349922 | 958.508 | 939.431 |
| 35) L7 AR-1260-5            | 8.404  | 7.419 | 228.9E6  | 161.3E6  | 974.541 | 951.851 |
| -----                       |        |       |          |          |         |         |

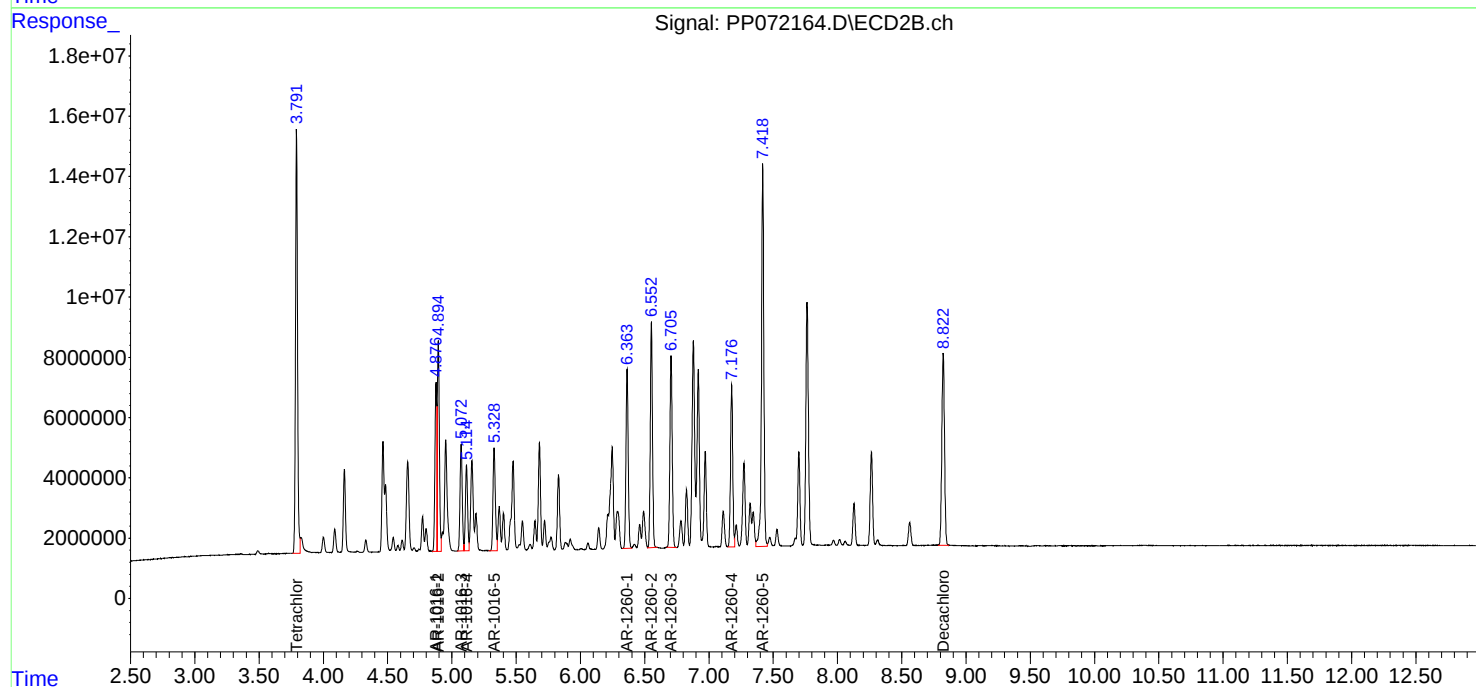
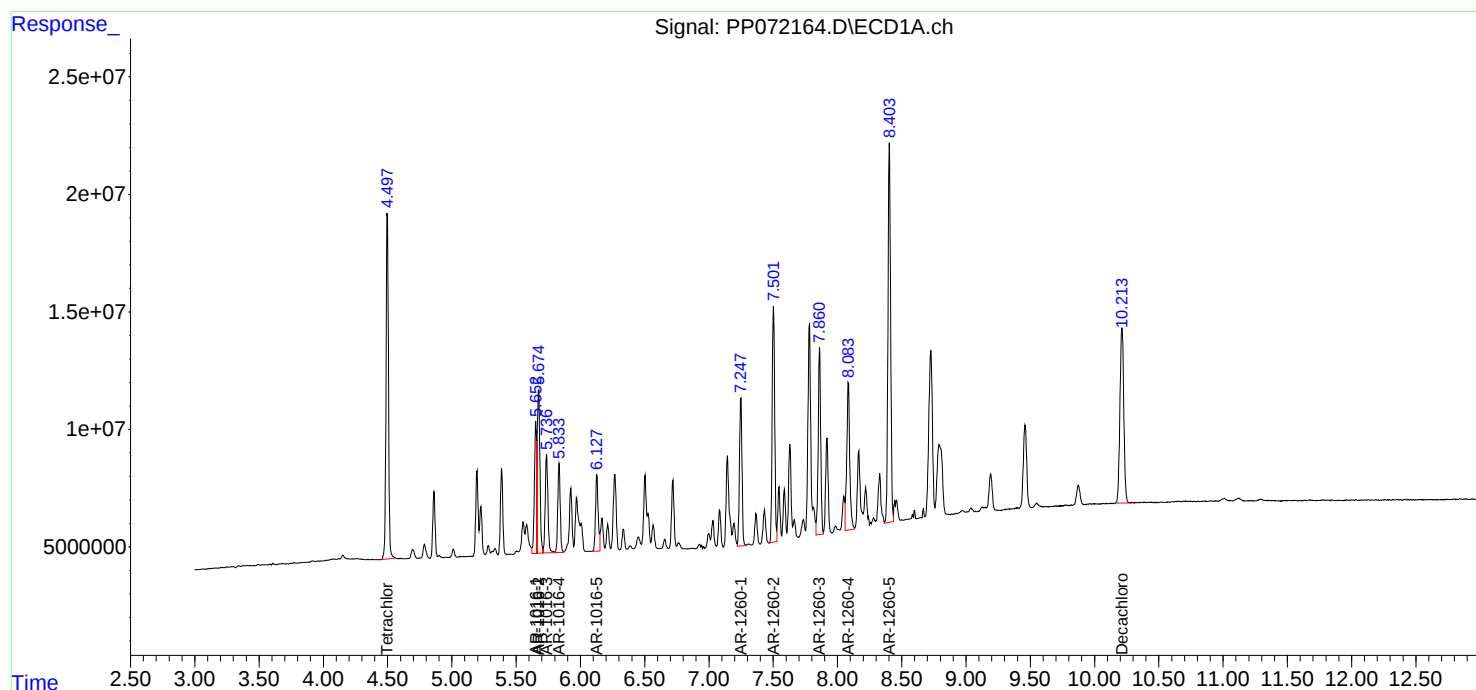
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
Data File : PP072164.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 May 2025 09:42  
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: May 19 10:58:36 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon May 19 10:54:08 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
 Data File : PP072165.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 May 2025 09:59  
 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: May 19 11:01:24 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon May 19 10:54:08 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.496  | 3.789 | 152.0E6  | 118.8E6  | 75.442  | 75.431  |
| 2) SA Decachlor...          | 10.213 | 8.822 | 121.3E6  | 78372372 | 75.657  | 76.878  |
| Target Compounds            |        |       |          |          |         |         |
| 3) L1 AR-1016-1             | 5.652  | 4.876 | 52371638 | 44137111 | 738.609 | 765.351 |
| 4) L1 AR-1016-2             | 5.673  | 4.894 | 78350662 | 64615816 | 747.492 | 771.637 |
| 5) L1 AR-1016-3             | 5.736  | 5.071 | 48176186 | 34764296 | 747.454 | 765.036 |
| 6) L1 AR-1016-4             | 5.833  | 5.114 | 40053007 | 27566181 | 755.339 | 764.168 |
| 7) L1 AR-1016-5             | 6.127  | 5.328 | 35956306 | 35808108 | 752.783 | 763.822 |
| 31) L7 AR-1260-1            | 7.247  | 6.363 | 67759813 | 56480819 | 753.285 | 743.413 |
| 32) L7 AR-1260-2            | 7.500  | 6.552 | 103.3E6  | 67774056 | 743.256 | 735.291 |
| 33) L7 AR-1260-3            | 7.860  | 6.705 | 84615905 | 60994772 | 748.257 | 731.431 |
| 34) L7 AR-1260-4            | 8.084  | 7.176 | 80330794 | 50763991 | 752.749 | 744.038 |
| 35) L7 AR-1260-5            | 8.404  | 7.418 | 175.3E6  | 125.2E6  | 747.551 | 742.474 |
| -----                       |        |       |          |          |         |         |

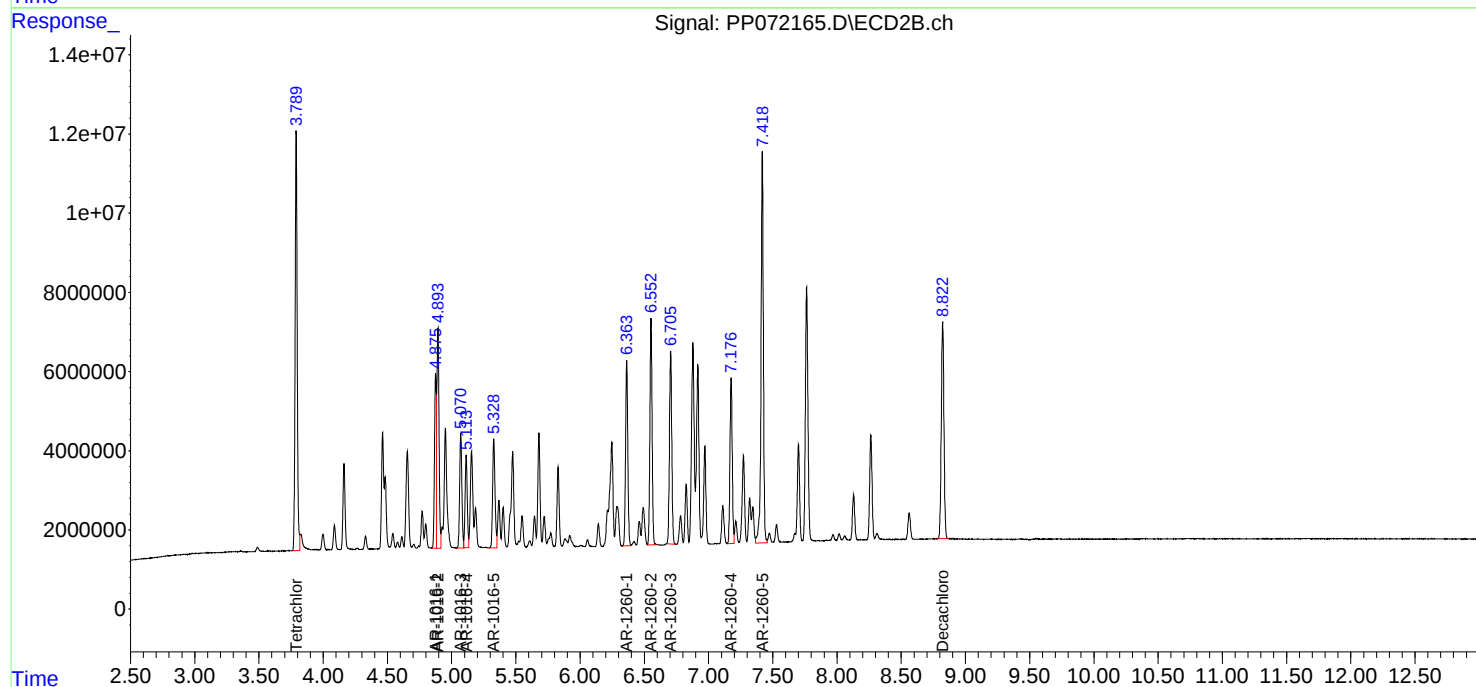
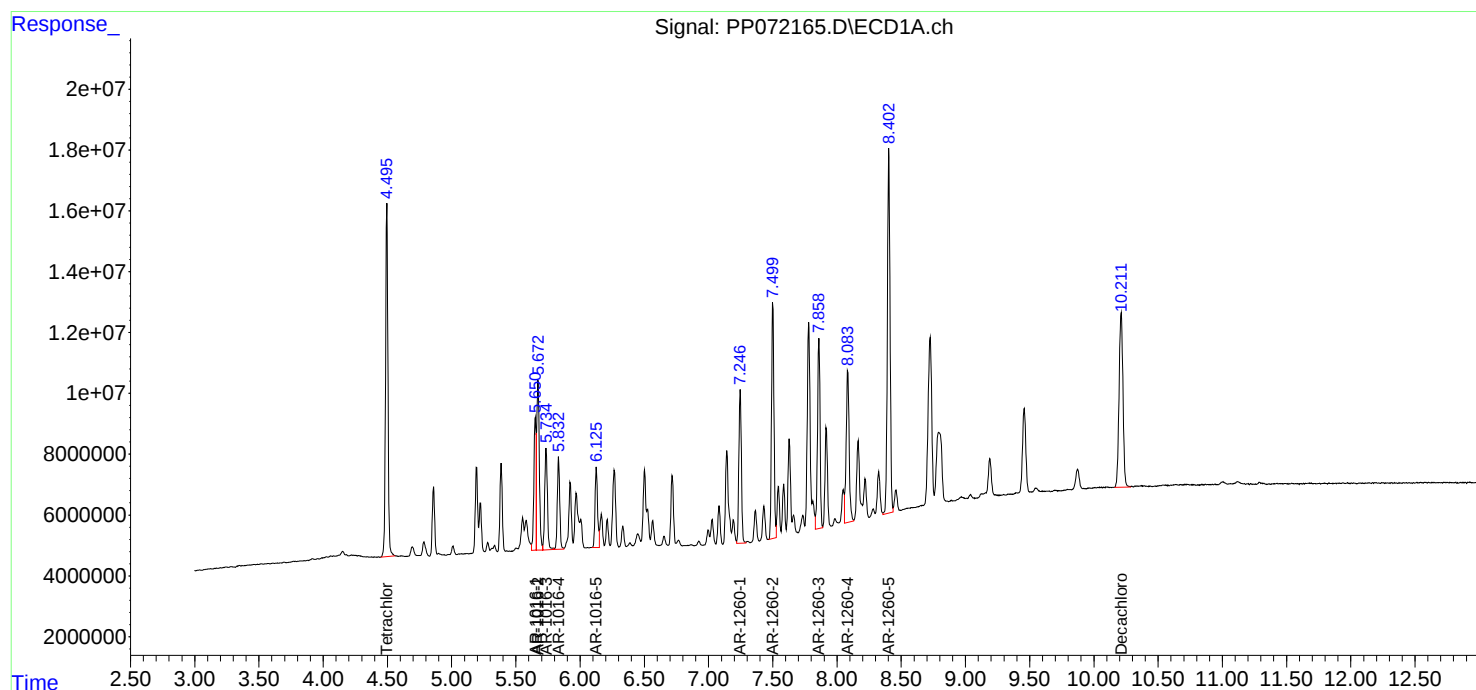
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
Data File : PP072165.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 May 2025 09:59  
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: May 19 11:01:24 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon May 19 10:54:08 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
 Data File : PP072166.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 May 2025 10:15  
 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: May 19 10:55:39 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon May 19 10:54:08 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.496  | 3.791 | 103.6E6  | 79685211 | 50.000  | 50.000  |
| 2) SA Decachlor...          | 10.213 | 8.823 | 82738232 | 54656808 | 50.000  | 50.000  |
| Target Compounds            |        |       |          |          |         |         |
| 3) L1 AR-1016-1             | 5.652  | 4.877 | 38005022 | 29816144 | 500.000 | 500.000 |
| 4) L1 AR-1016-2             | 5.674  | 4.895 | 55259111 | 42644379 | 500.000 | 500.000 |
| 5) L1 AR-1016-3             | 5.736  | 5.073 | 33857030 | 23665215 | 500.000 | 500.000 |
| 6) L1 AR-1016-4             | 5.834  | 5.115 | 27655933 | 18905601 | 500.000 | 500.000 |
| 7) L1 AR-1016-5             | 6.127  | 5.329 | 24957303 | 24552684 | 500.000 | 500.000 |
| 31) L7 AR-1260-1            | 7.247  | 6.364 | 46978579 | 40186653 | 500.000 | 500.000 |
| 32) L7 AR-1260-2            | 7.501  | 6.553 | 71804602 | 49245044 | 500.000 | 500.000 |
| 33) L7 AR-1260-3            | 7.860  | 6.706 | 58694311 | 44468768 | 500.000 | 500.000 |
| 34) L7 AR-1260-4            | 8.085  | 7.177 | 55470384 | 36323860 | 500.000 | 500.000 |
| 35) L7 AR-1260-5            | 8.403  | 7.419 | 120.4E6  | 88817890 | 500.000 | 500.000 |
| -----                       |        |       |          |          |         |         |

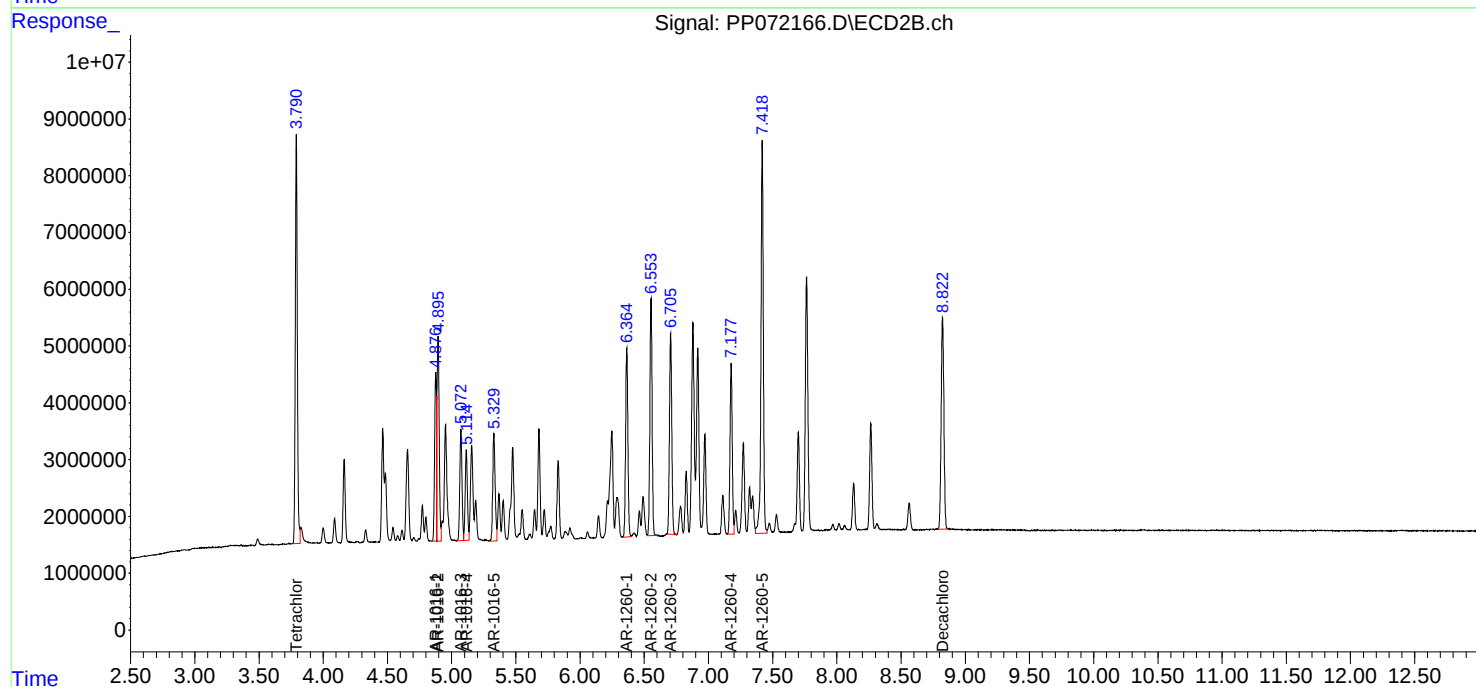
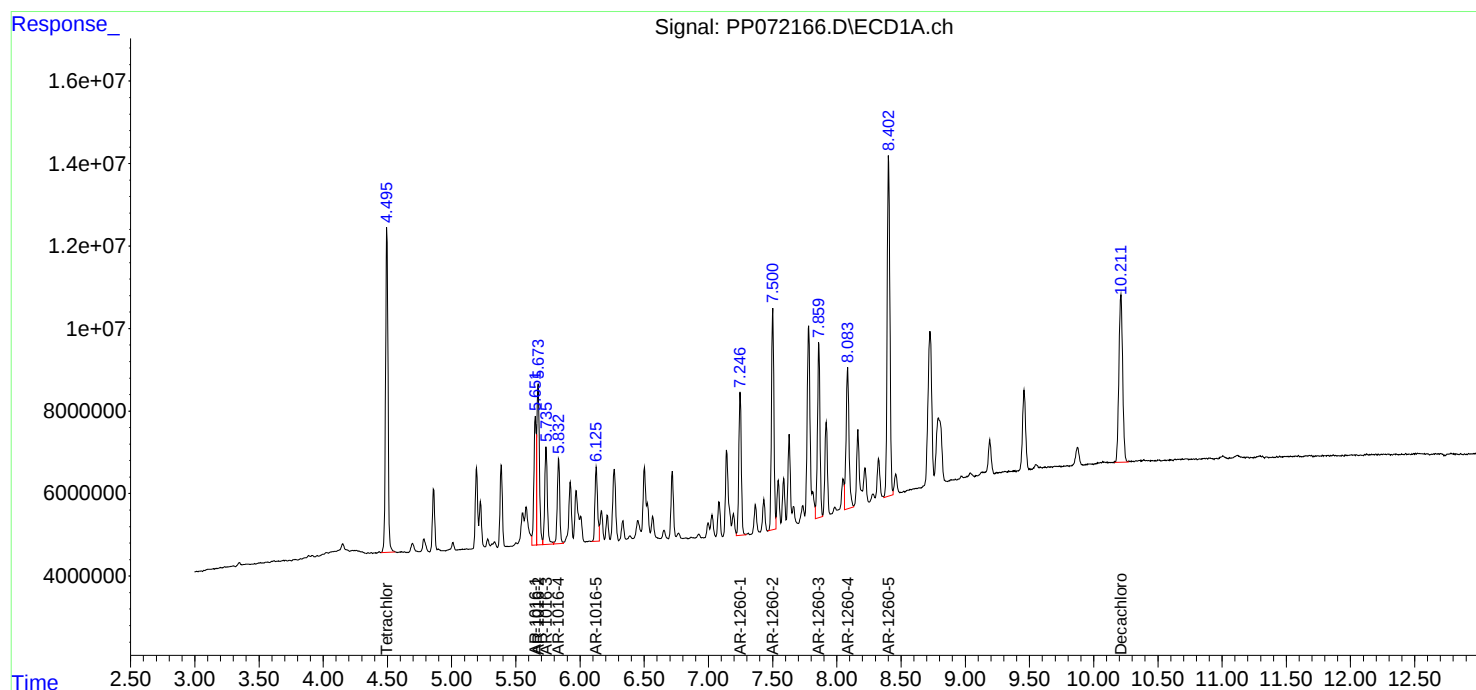
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
Data File : PP072166.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 May 2025 10:15  
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: May 19 10:55:39 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon May 19 10:54:08 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
 Data File : PP072167.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 May 2025 10:32  
 Operator : YP\AJ  
 Sample : AR1660ICC250  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1660ICC250

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 19 11:04:56 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon May 19 10:54:08 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.500  | 3.792 | 53397667 | 40989034 | 26.111  | 25.758  |
| 2) SA Decachlor...          | 10.213 | 8.823 | 42804673 | 29089475 | 26.249  | 27.561  |
|                             |        |       |          |          |         |         |
| Target Compounds            |        |       |          |          |         |         |
| 3) L1 AR-1016-1             | 5.655  | 4.878 | 20802992 | 16128858 | 281.189 | 271.618 |
| 4) L1 AR-1016-2             | 5.676  | 4.896 | 29644893 | 23113324 | 273.834 | 269.018 |
| 5) L1 AR-1016-3             | 5.739  | 5.073 | 18387723 | 12747298 | 275.562 | 272.213 |
| 6) L1 AR-1016-4             | 5.837  | 5.115 | 14555177 | 10380280 | 267.927 | 277.285 |
| 7) L1 AR-1016-5             | 6.130  | 5.330 | 12797446 | 13425333 | 263.209 | 276.324 |
| 31) L7 AR-1260-1            | 7.248  | 6.364 | 24515226 | 21211058 | 266.529 | 271.268 |
| 32) L7 AR-1260-2            | 7.504  | 6.553 | 37350124 | 26231122 | 263.765 | 275.072 |
| 33) L7 AR-1260-3            | 7.862  | 6.705 | 30309213 | 23123504 | 263.279 | 269.924 |
| 34) L7 AR-1260-4            | 8.086  | 7.177 | 28647958 | 19427779 | 263.586 | 275.187 |
| 35) L7 AR-1260-5            | 8.406  | 7.418 | 62484280 | 46879399 | 262.166 | 270.430 |
| -----                       |        |       |          |          |         |         |

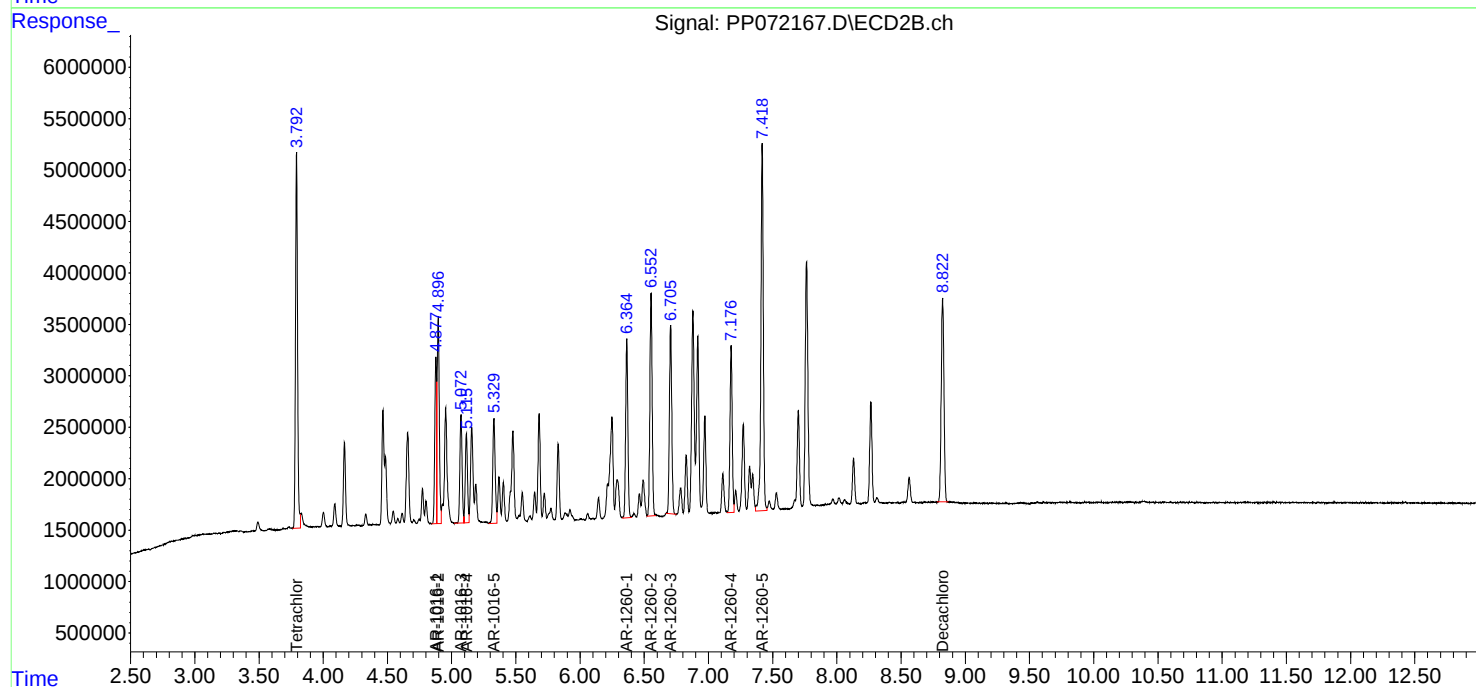
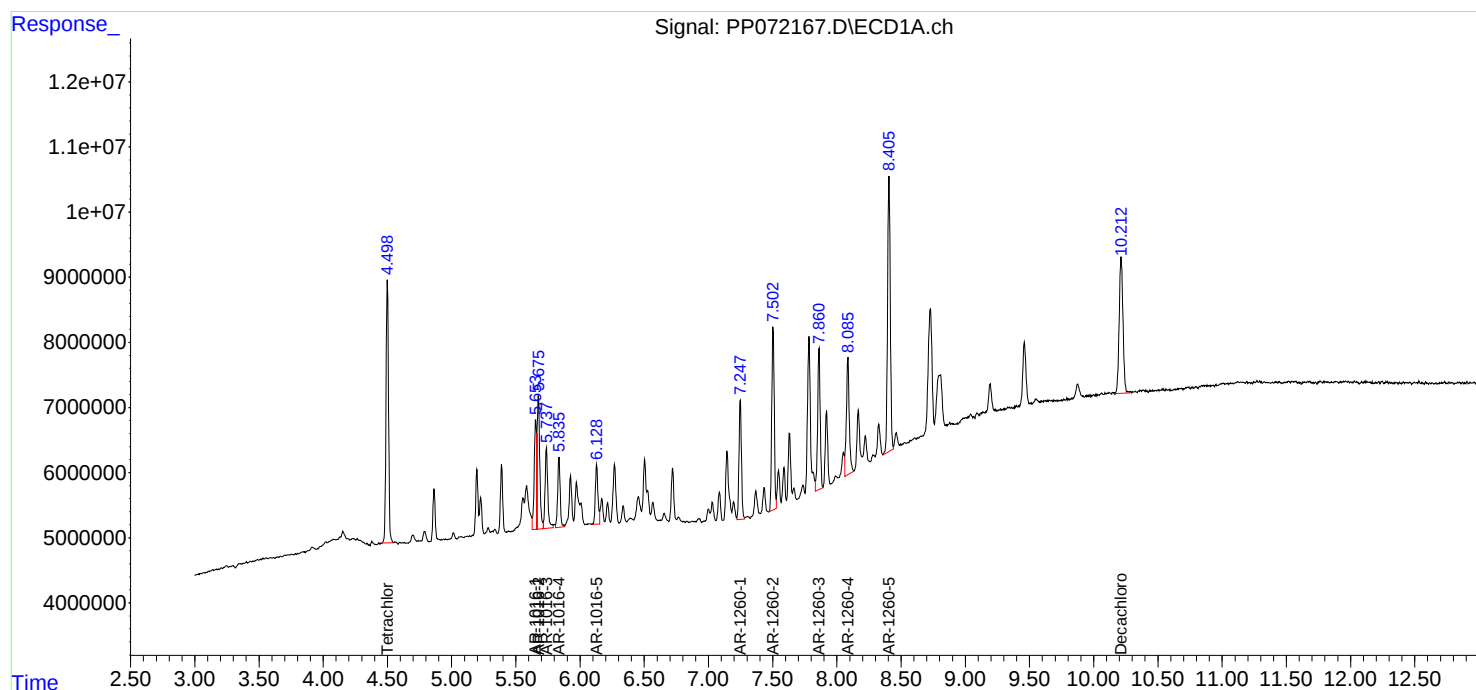
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
Data File : PP072167.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 May 2025 10:32  
Operator : YP\AJ  
Sample : AR1660ICC250  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC250

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 19 11:04:56 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon May 19 10:54:08 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
 Data File : PP072168.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 May 2025 10:48  
 Operator : YP\AJ  
 Sample : AR1660ICC050  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1660ICC050

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 05/20/2025  
 Supervised By :mohammad ahmed 05/22/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 19 11:09:00 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon May 19 10:54:08 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2  | ng/ml   | ng/ml  |
|-----------------------------|--------|-------|----------|---------|---------|--------|
| -----                       |        |       |          |         |         |        |
| System Monitoring Compounds |        |       |          |         |         |        |
| 1) SA Tetrachlo...          | 4.498  | 3.793 | 9370134  | 8133165 | 4.660   | 5.088  |
| 2) SA Decachlor...          | 10.212 | 8.821 | 8114063  | 5355591 | 4.981   | 5.059  |
| Target Compounds            |        |       |          |         |         |        |
| 3) L1 AR-1016-1             | 5.650  | 4.878 | 3974445  | 3481238 | 53.538m | 56.670 |
| 4) L1 AR-1016-2             | 5.672  | 4.896 | 5096224  | 4763878 | 47.816m | 54.265 |
| 5) L1 AR-1016-3             | 5.734  | 5.073 | 3045634  | 2547956 | 47.236m | 53.467 |
| 6) L1 AR-1016-4             | 5.832  | 5.115 | 2452478  | 2024258 | 45.948m | 53.206 |
| 7) L1 AR-1016-5             | 6.127  | 5.330 | 2503132  | 2739010 | 51.179  | 54.973 |
| 31) L7 AR-1260-1            | 7.247  | 6.364 | 5002782  | 4299958 | 53.452  | 53.915 |
| 32) L7 AR-1260-2            | 7.500  | 6.553 | 7551641  | 6283346 | 52.628  | 61.952 |
| 33) L7 AR-1260-3            | 7.859  | 6.705 | 5443256  | 4592239 | 47.802  | 52.844 |
| 34) L7 AR-1260-4            | 8.083  | 7.176 | 5088570  | 3903032 | 47.423  | 54.140 |
| 35) L7 AR-1260-5            | 8.403  | 7.418 | 11497836 | 8735677 | 48.583  | 50.314 |
| -----                       |        |       |          |         |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
Data File : PP072168.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 May 2025 10:48  
Operator : YP\AJ  
Sample : AR1660ICC050  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

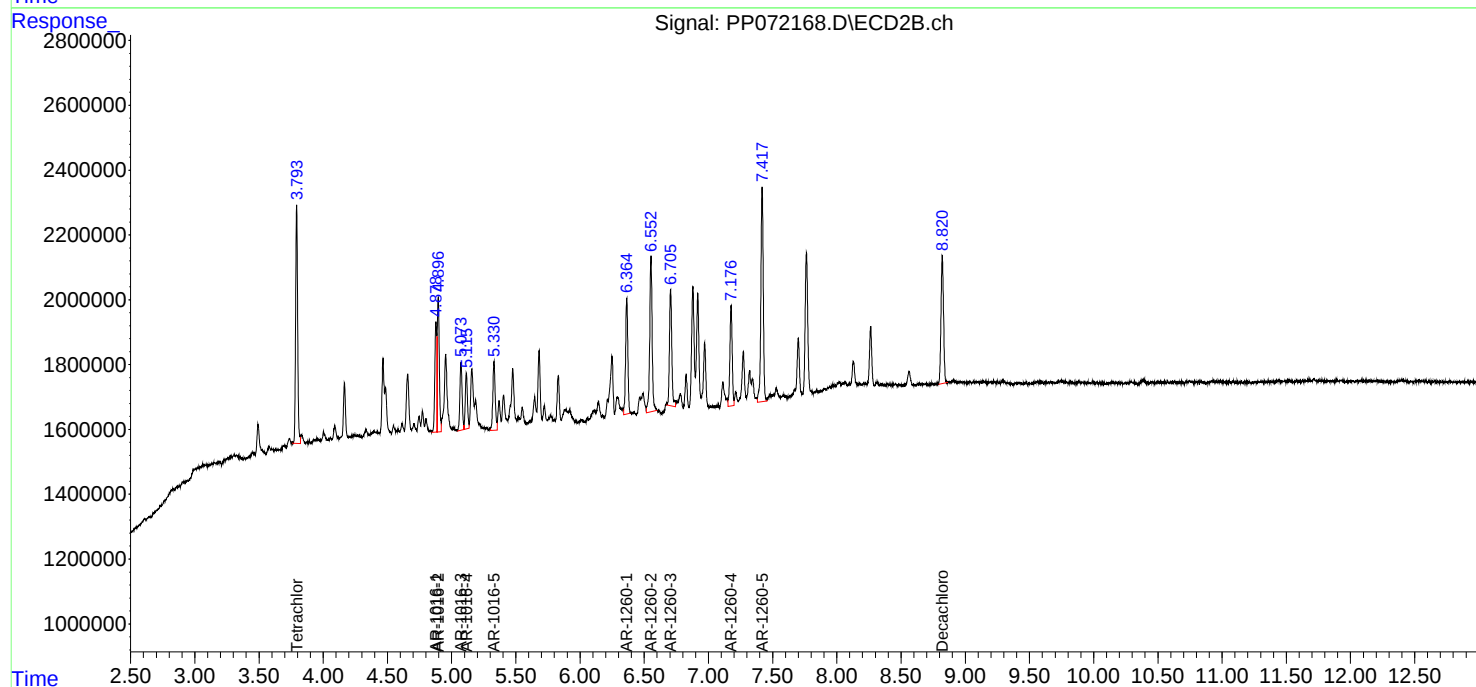
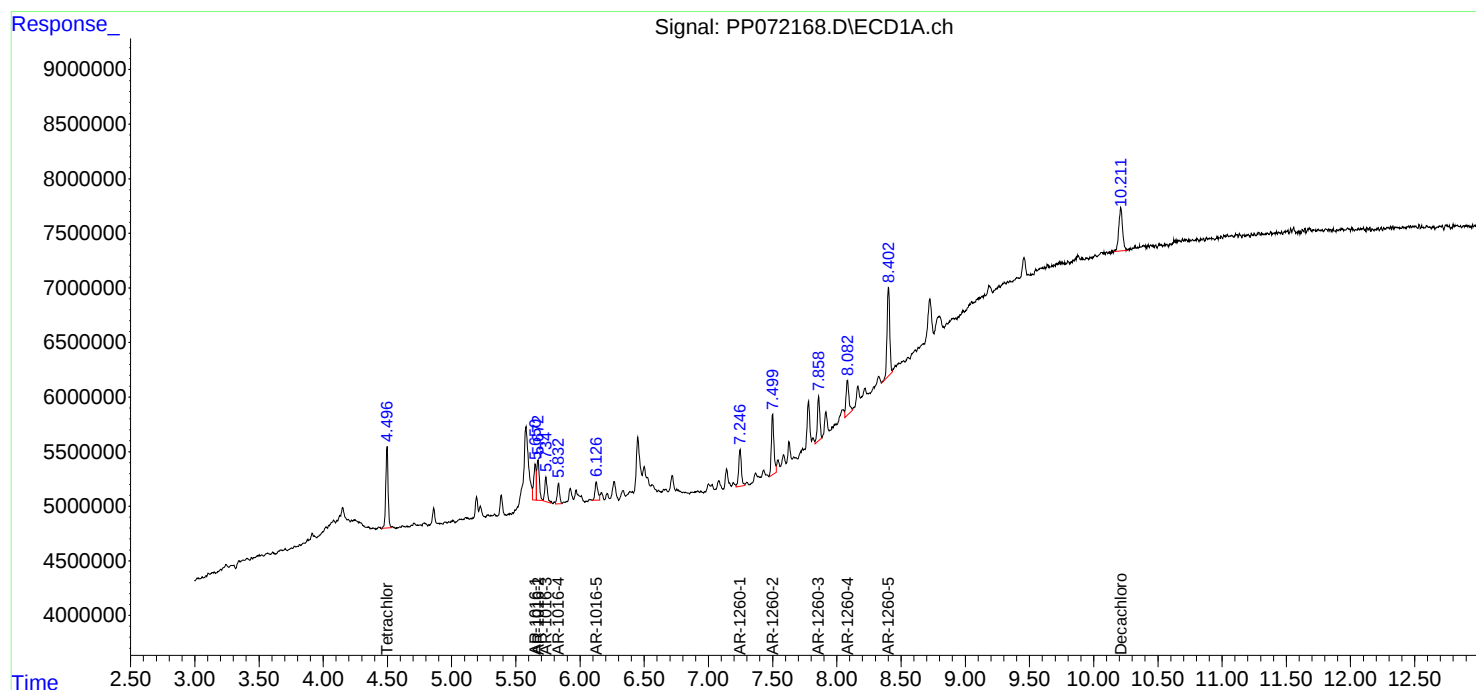
Instrument :  
ECD\_P  
ClientSampleId :  
AR1660ICC050

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 05/20/2025  
Supervised By :mohammad ahmed 05/22/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 19 11:09:00 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon May 19 10:54:08 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
 Data File : PP072169.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 May 2025 11:05  
 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: May 19 11:34:30 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon May 19 11:34:14 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.501  | 3.794 | 100.3E6  | 78966679 | 50.000  | 50.000  |
| 2) SA Decachlor...          | 10.214 | 8.824 | 80876112 | 53101134 | 50.000  | 50.000  |
| Target Compounds            |        |       |          |          |         |         |
| 8) L2 AR-1221-1             | 4.703  | 4.005 | 12566489 | 11562215 | 500.000 | 500.000 |
| 9) L2 AR-1221-2             | 4.788  | 4.091 | 8990719  | 8849205  | 500.000 | 500.000 |
| 10) L2 AR-1221-3            | 4.864  | 4.167 | 29254822 | 26135247 | 500.000 | 500.000 |
| -----                       |        |       |          |          |         |         |

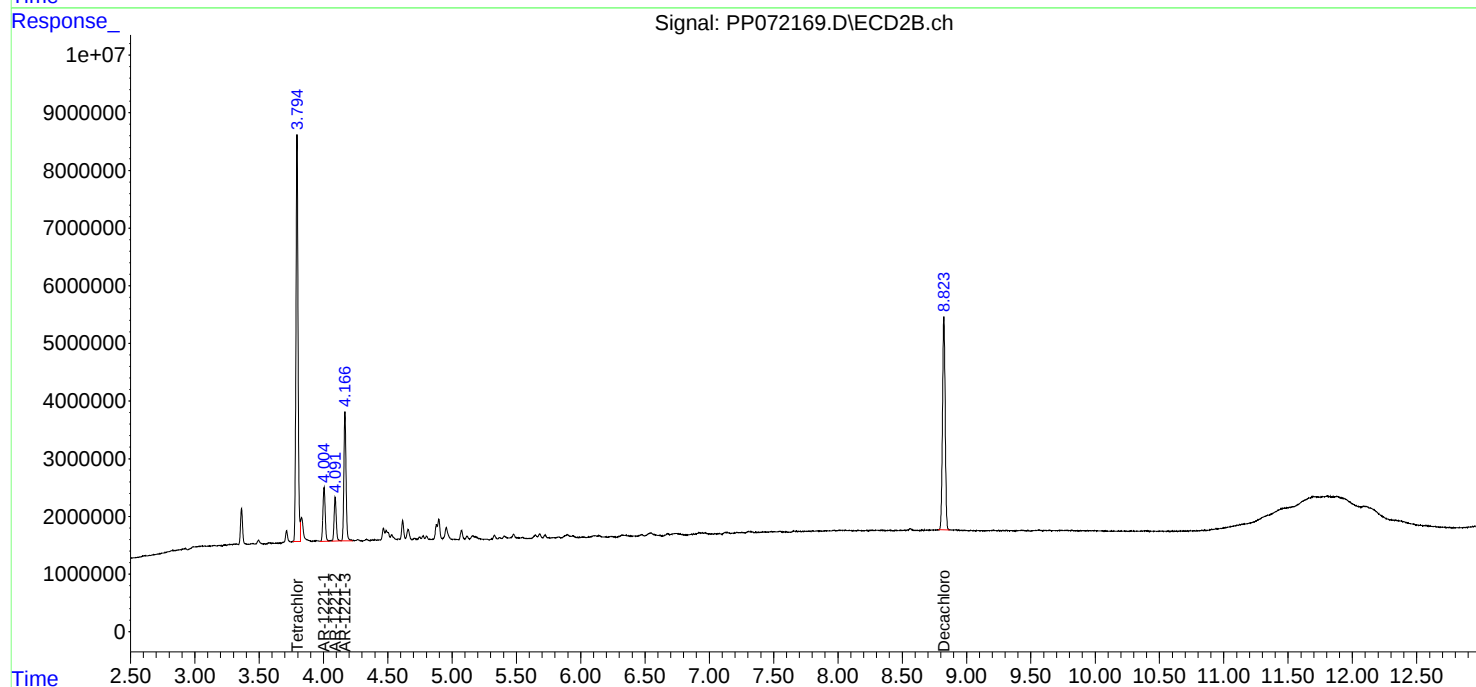
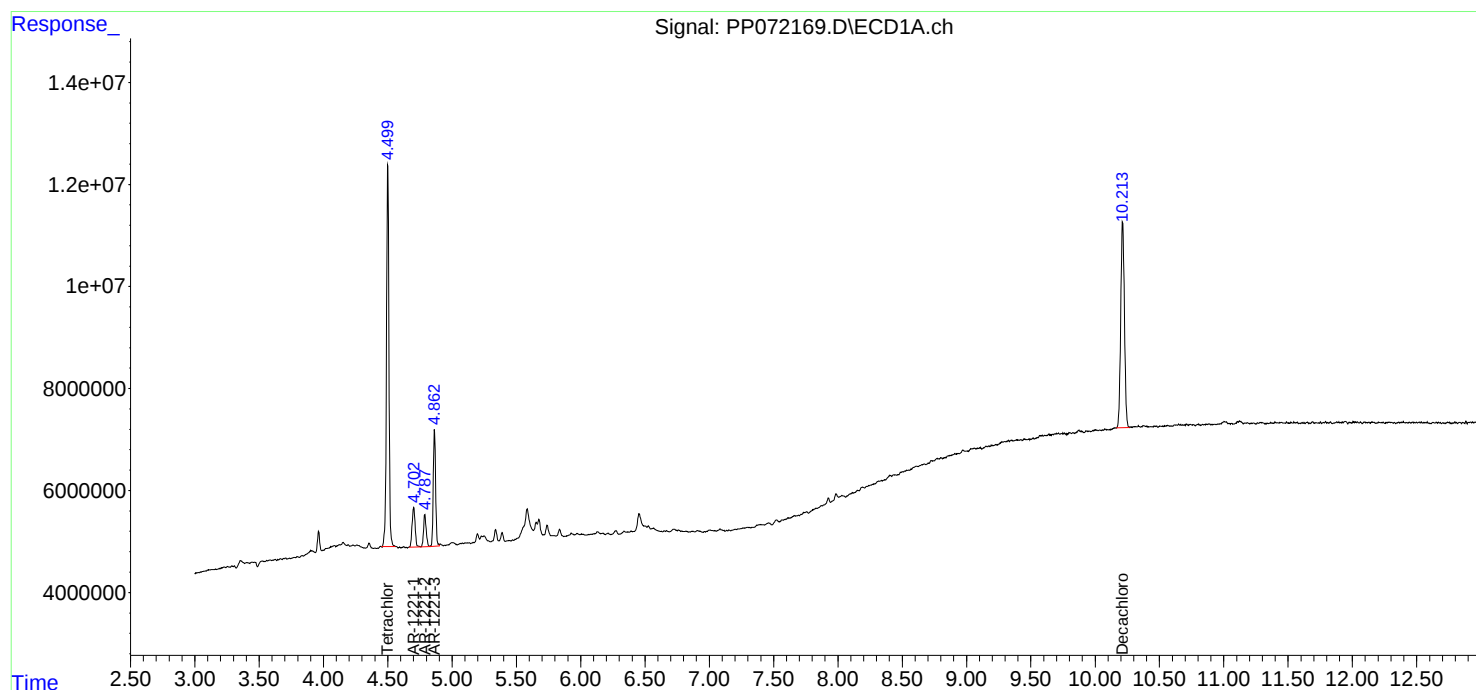
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
Data File : PP072169.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 May 2025 11:05  
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: May 19 11:34:30 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon May 19 11:34:14 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
 Data File : PP072170.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 May 2025 11:21  
 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: May 19 12:10:16 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon May 19 12:05:24 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...          | 4.500  | 3.795 | 188.6E6  | 150.4E6  | 95.724  | 94.284  |
| 2) SA Decachlor...          | 10.213 | 8.823 | 154.5E6  | 99106147 | 96.034  | 93.871  |
| Target Compounds            |        |       |          |          |         |         |
| 11) L3 AR-1232-1            | 4.863  | 4.168 | 44075653 | 37616932 | 957.349 | 907.448 |
| 12) L3 AR-1232-2            | 5.389  | 4.898 | 21717379 | 39358353 | 966.038 | 938.328 |
| 13) L3 AR-1232-3            | 5.675  | 5.074 | 46772523 | 20796080 | 948.567 | 932.463 |
| 14) L3 AR-1232-4            | 5.835  | 5.159 | 23238504 | 17897124 | 967.407 | 927.845 |
| 15) L3 AR-1232-5            | 5.925  | 5.331 | 15752983 | 19472370 | 978.586 | 927.105 |
| -----                       |        |       |          |          |         |         |

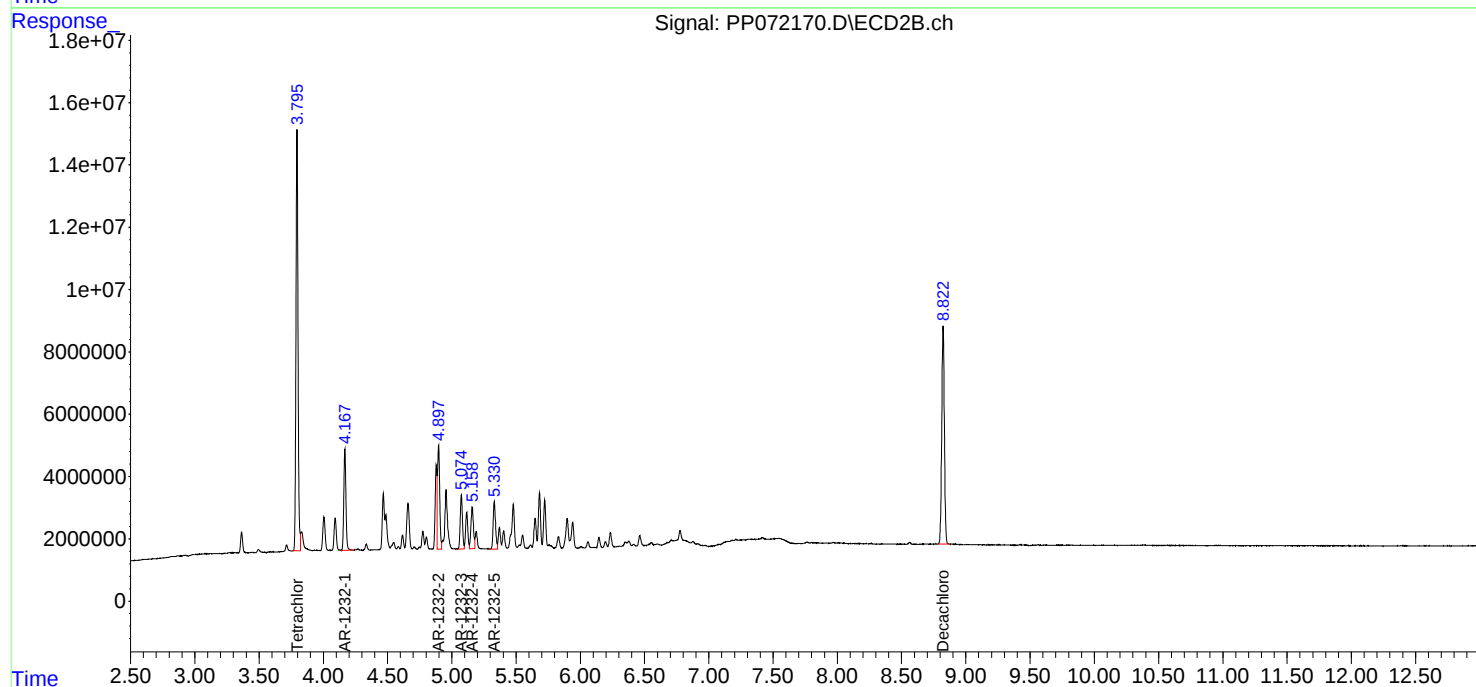
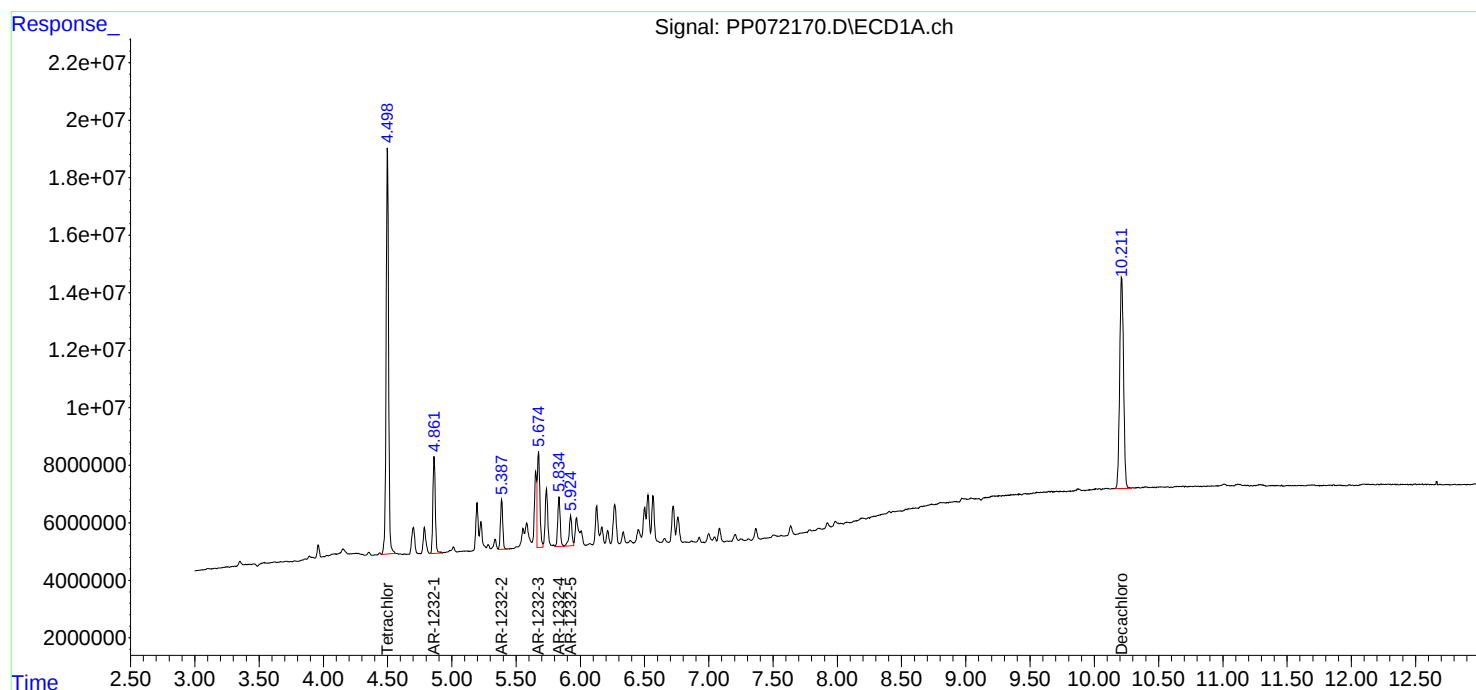
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
Data File : PP072170.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 May 2025 11:21  
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: May 19 12:10:16 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon May 19 12:05:24 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\PP051925\  
 Data File : PP072171.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 May 2025 11:38  
 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: May 19 12:15:22 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon May 19 12:12:58 2025  
 Response via : 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...          | 4.501  | 3.796 | 150.1E6  | 117.1E6  | 75.772  | 73.927  |
| 2) SA Decachlor...          | 10.215 | 8.824 | 120.1E6  | 80247330 | 74.743  | 75.669  |
| Target Compounds            |        |       |          |          |         |         |
| 11) L3 AR-1232-1            | 4.864  | 4.168 | 34422611 | 30444044 | 748.451 | 739.537 |
| 12) L3 AR-1232-2            | 5.390  | 4.898 | 17196522 | 31518395 | 759.894 | 750.945 |
| 13) L3 AR-1232-3            | 5.676  | 5.075 | 37611138 | 16760662 | 758.466 | 751.013 |
| 14) L3 AR-1232-4            | 5.836  | 5.159 | 18110035 | 14561422 | 752.603 | 753.267 |
| 15) L3 AR-1232-5            | 5.926  | 5.332 | 12352668 | 15928473 | 761.482 | 755.563 |
| -----                       |        |       |          |          |         |         |

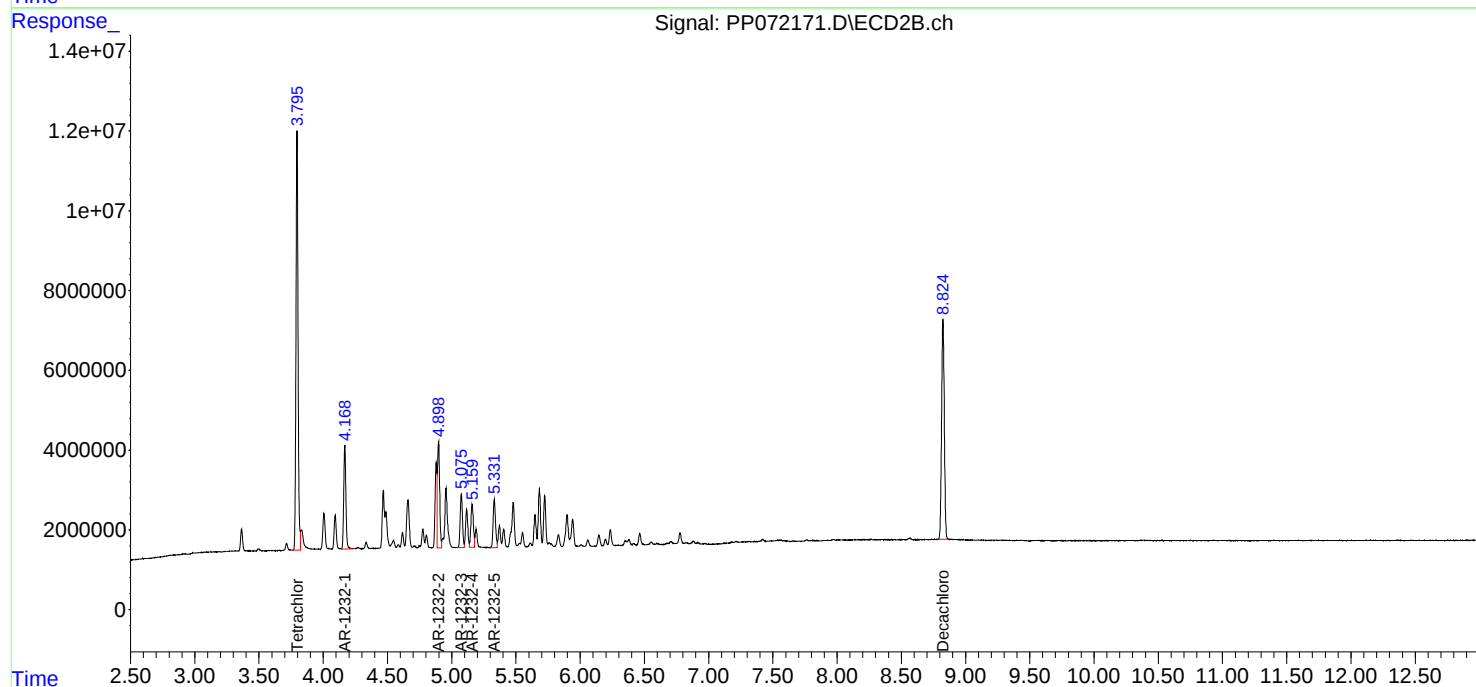
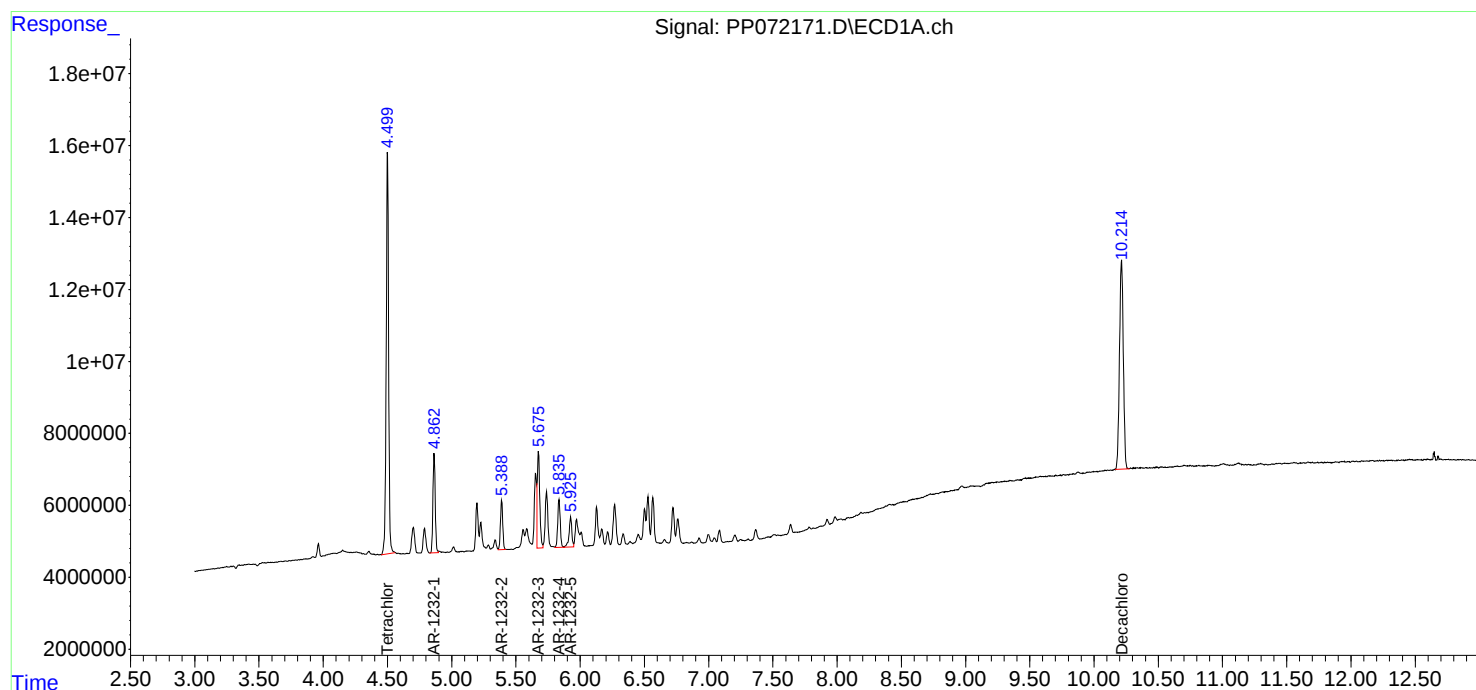
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
Data File : PP072171.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 May 2025 11:38  
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: May 19 12:15:22 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon May 19 12:12:58 2025  
Response via : 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\PP051925\  
 Data File : PP072172.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 May 2025 11:54  
 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: May 19 12:07:32 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon May 19 12:05:24 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...          | 4.501  | 3.795 | 102.7E6  | 84298957 | 50.000  | 50.000  |
| 2) SA Decachlor...          | 10.214 | 8.823 | 83645074 | 56024151 | 50.000  | 50.000  |
| Target Compounds            |        |       |          |          |         |         |
| 11) L3 AR-1232-1            | 4.864  | 4.168 | 24001461 | 22645075 | 500.000 | 500.000 |
| 12) L3 AR-1232-2            | 5.390  | 4.897 | 11622194 | 22266011 | 500.000 | 500.000 |
| 13) L3 AR-1232-3            | 5.676  | 5.075 | 25922328 | 11904276 | 500.000 | 500.000 |
| 14) L3 AR-1232-4            | 5.836  | 5.159 | 12402195 | 10340360 | 500.000 | 500.000 |
| 15) L3 AR-1232-5            | 5.926  | 5.331 | 8221206  | 11267225 | 500.000 | 500.000 |
| -----                       |        |       |          |          |         |         |

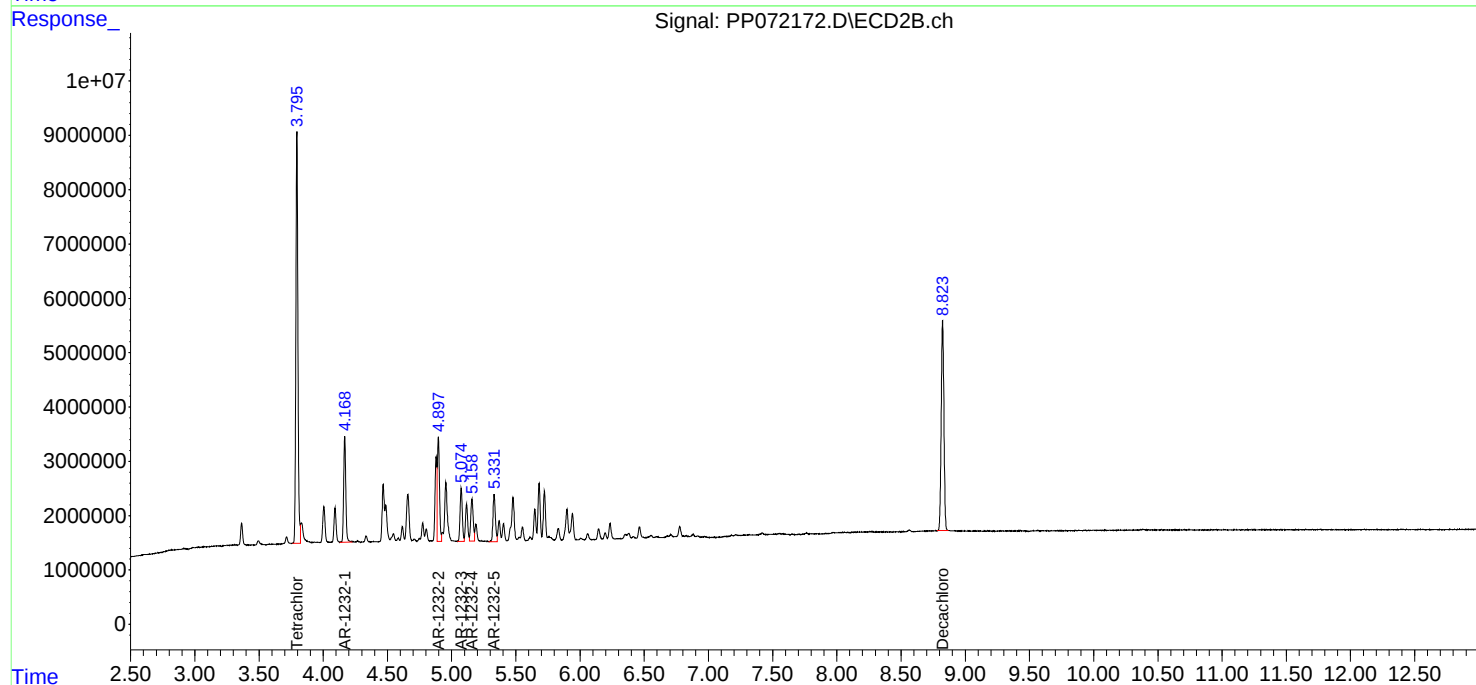
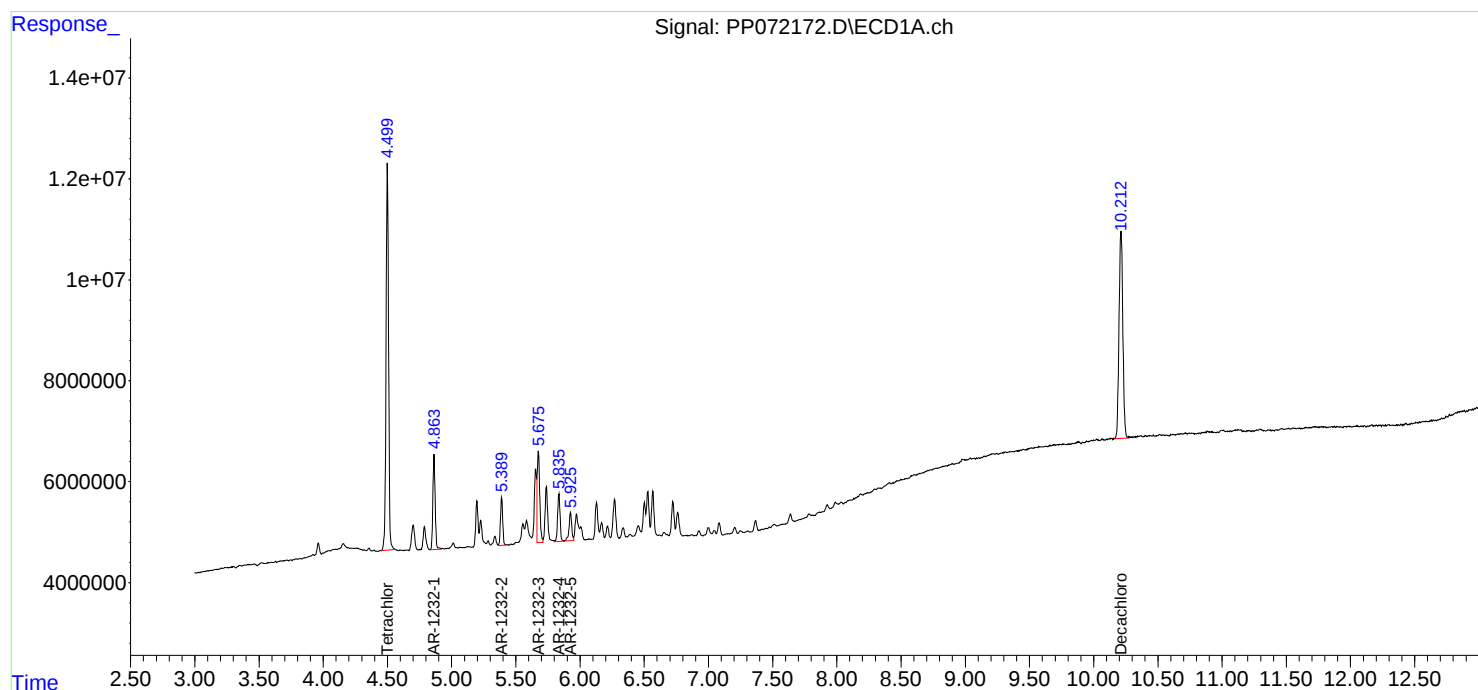
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
Data File : PP072172.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 May 2025 11:54  
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: May 19 12:07:32 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon May 19 12:05:24 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
 Data File : PP072173.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 May 2025 12:10  
 Operator : YP\AJ  
 Sample : AR1232ICC250  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1232ICC250

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 19 12:57:16 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon May 19 12:57:06 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.502  | 3.795 | 53057253 | 41777414 | 26.318  | 26.023  |
| 2) SA Decachlor...          | 10.217 | 8.824 | 42592543 | 28685378 | 26.120  | 26.506  |
|                             |        |       |          |          |         |         |
| Target Compounds            |        |       |          |          |         |         |
| 11) L3 AR-1232-1            | 4.865  | 4.167 | 12061819 | 11916931 | 259.084 | 278.487 |
| 12) L3 AR-1232-2            | 5.391  | 4.897 | 5757452  | 11850655 | 253.297 | 273.502 |
| 13) L3 AR-1232-3            | 5.678  | 5.074 | 13595730 | 6293241  | 267.701 | 273.247 |
| 14) L3 AR-1232-4            | 5.838  | 5.158 | 6545799  | 5422323  | 266.163 | 272.197 |
| 15) L3 AR-1232-5            | 5.928  | 5.331 | 4527330  | 6054853  | 271.199 | 276.907 |
| -----                       |        |       |          |          |         |         |

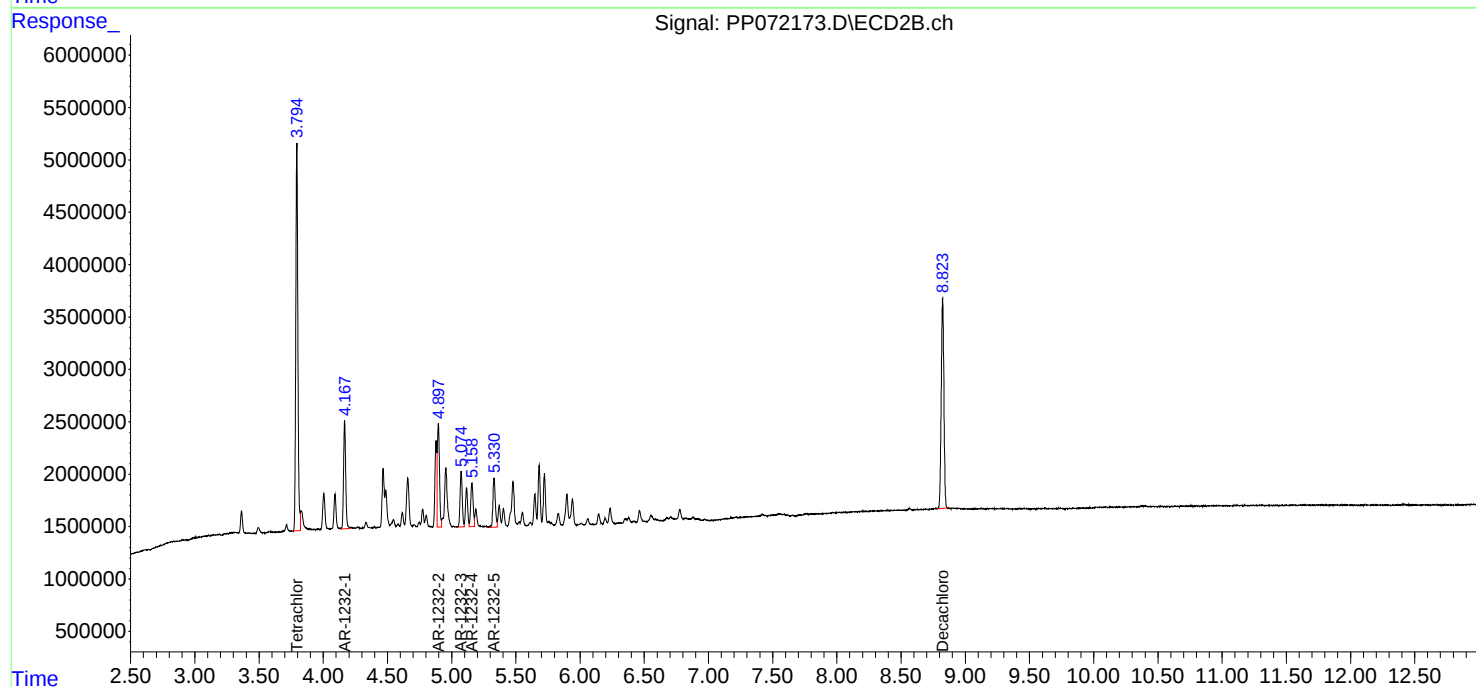
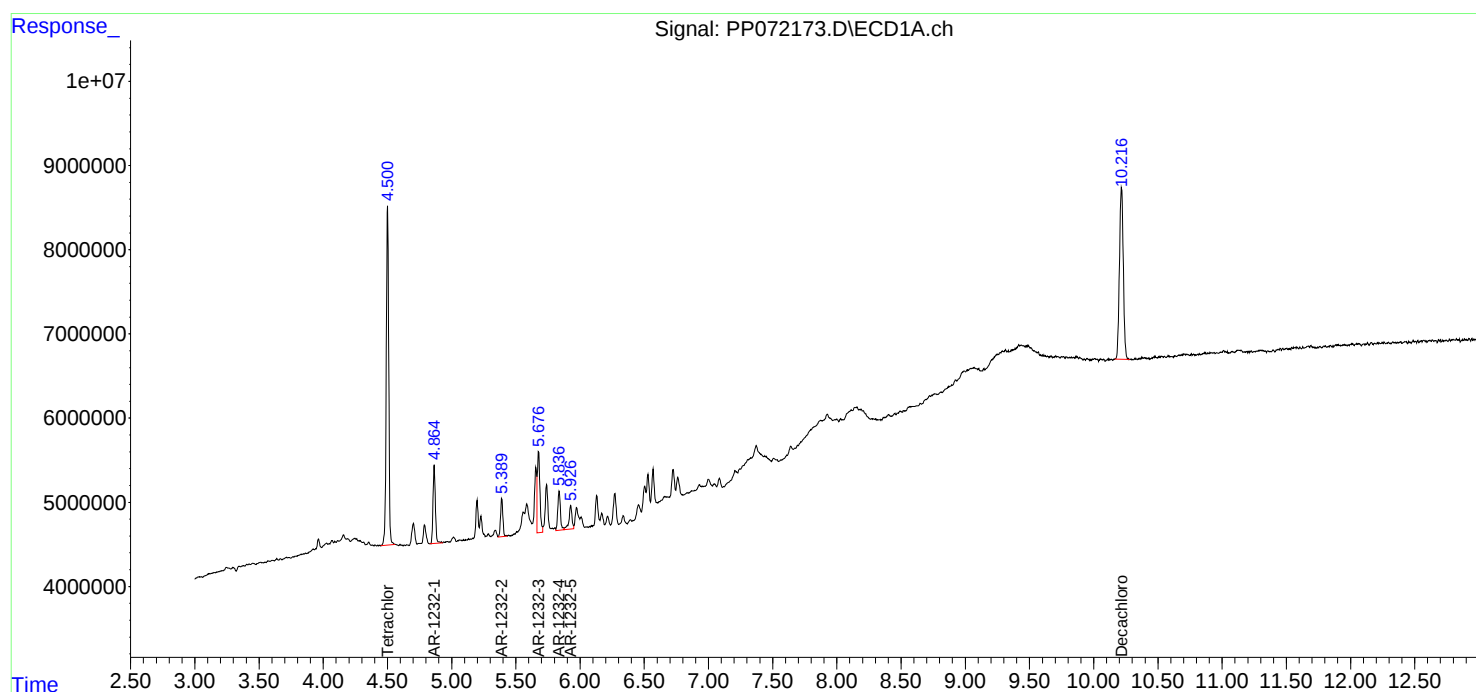
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
Data File : PP072173.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 May 2025 12:10  
Operator : YP\AJ  
Sample : AR1232ICC250  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
AR1232ICC250

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 19 12:57:16 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon May 19 12:57:06 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
 Data File : PP072174.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 May 2025 12:27  
 Operator : YP\AJ  
 Sample : AR1232ICC050  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1232ICC050

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 05/21/2025  
 Supervised By :mohammad ahmed 05/22/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 19 13:01:22 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon May 19 13:01:11 2025  
 Response via : 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...          | 4.499  | 3.796 | 9615863 | 7891304 | 4.814   | 4.932  |
| 2) SA Decachlor...          | 10.211 | 8.824 | 7499330 | 5759848 | 4.674   | 5.254  |
| Target Compounds            |        |       |         |         |         |        |
| 11) L3 AR-1232-1            | 4.863  | 4.168 | 2465980 | 2277793 | 52.347  | 52.551 |
| 12) L3 AR-1232-2            | 5.389  | 4.898 | 1274783 | 2379299 | 54.751  | 53.854 |
| 13) L3 AR-1232-3            | 5.674  | 5.075 | 2358363 | 1239517 | 46.317m | 53.009 |
| 14) L3 AR-1232-4            | 5.832  | 5.160 | 1356122 | 1195921 | 55.264m | 57.718 |
| 15) L3 AR-1232-5            | 5.924  | 5.331 | 1041139 | 1415397 | 59.427  | 61.129 |
| -----                       |        |       |         |         |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
Data File : PP072174.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 May 2025 12:27  
Operator : YP\AJ  
Sample : AR1232ICC050  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

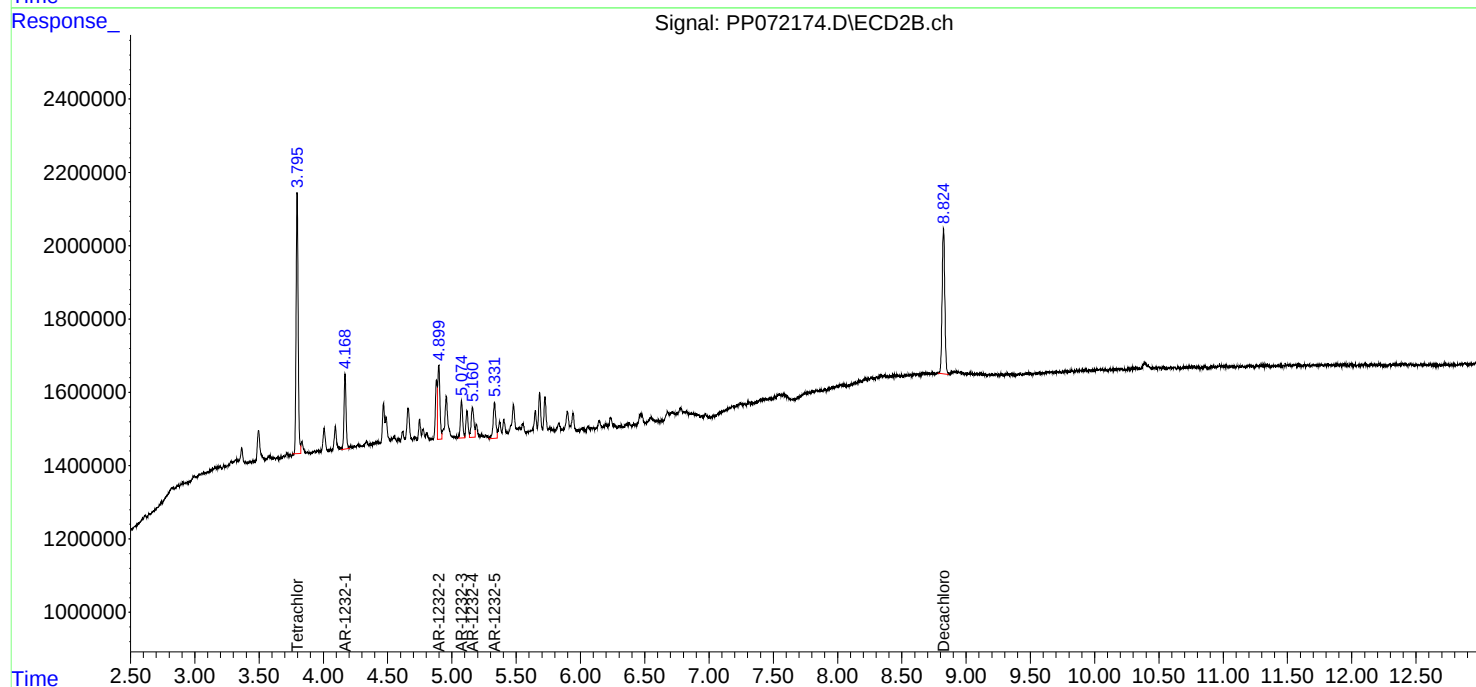
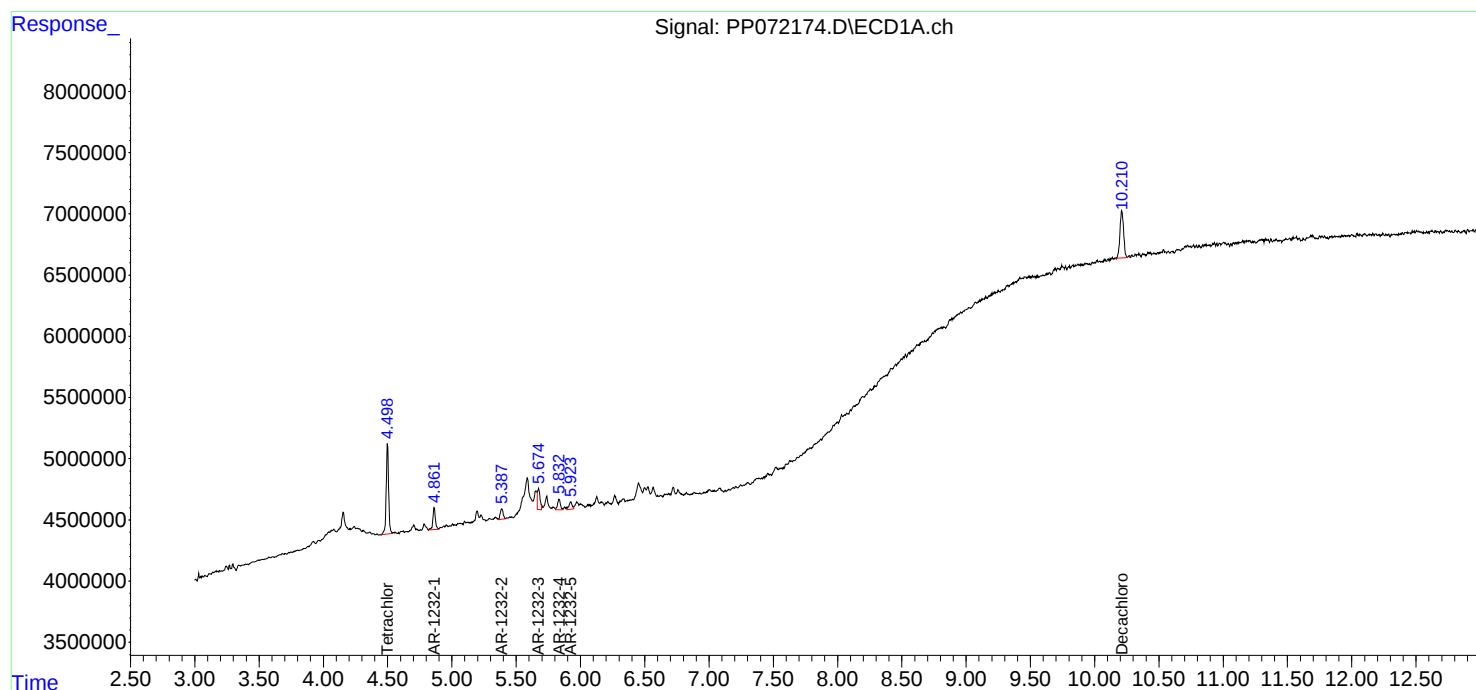
Instrument :  
ECD\_P  
ClientSampleId :  
AR1232ICC050

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 05/21/2025  
Supervised By :mohammad ahmed 05/22/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 19 13:01:22 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon May 19 13:01:11 2025  
Response via : 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\PP051925\  
 Data File : PP072175.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 May 2025 12:43  
 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: May 19 13:42:48 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon May 19 13:38:26 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.502  | 3.797 | 182.8E6  | 154.6E6  | 95.720  | 98.241  |
| 2) SA Decachlor...          | 10.216 | 8.825 | 152.6E6  | 96717168 | 96.225  | 96.077  |
| Target Compounds            |        |       |          |          |         |         |
| 16) L4 AR-1242-1            | 5.656  | 4.881 | 56211553 | 46123670 | 950.363 | 932.105 |
| 17) L4 AR-1242-2            | 5.678  | 4.898 | 82973080 | 66003789 | 949.042 | 933.080 |
| 18) L4 AR-1242-3            | 5.740  | 5.076 | 51559127 | 34394227 | 963.224 | 911.604 |
| 19) L4 AR-1242-4            | 5.837  | 5.160 | 41207603 | 32146418 | 945.604 | 905.879 |
| 20) L4 AR-1242-5            | 6.568  | 5.683 | 47977894 | 41776015 | 970.648 | 922.915 |
| -----                       |        |       |          |          |         |         |

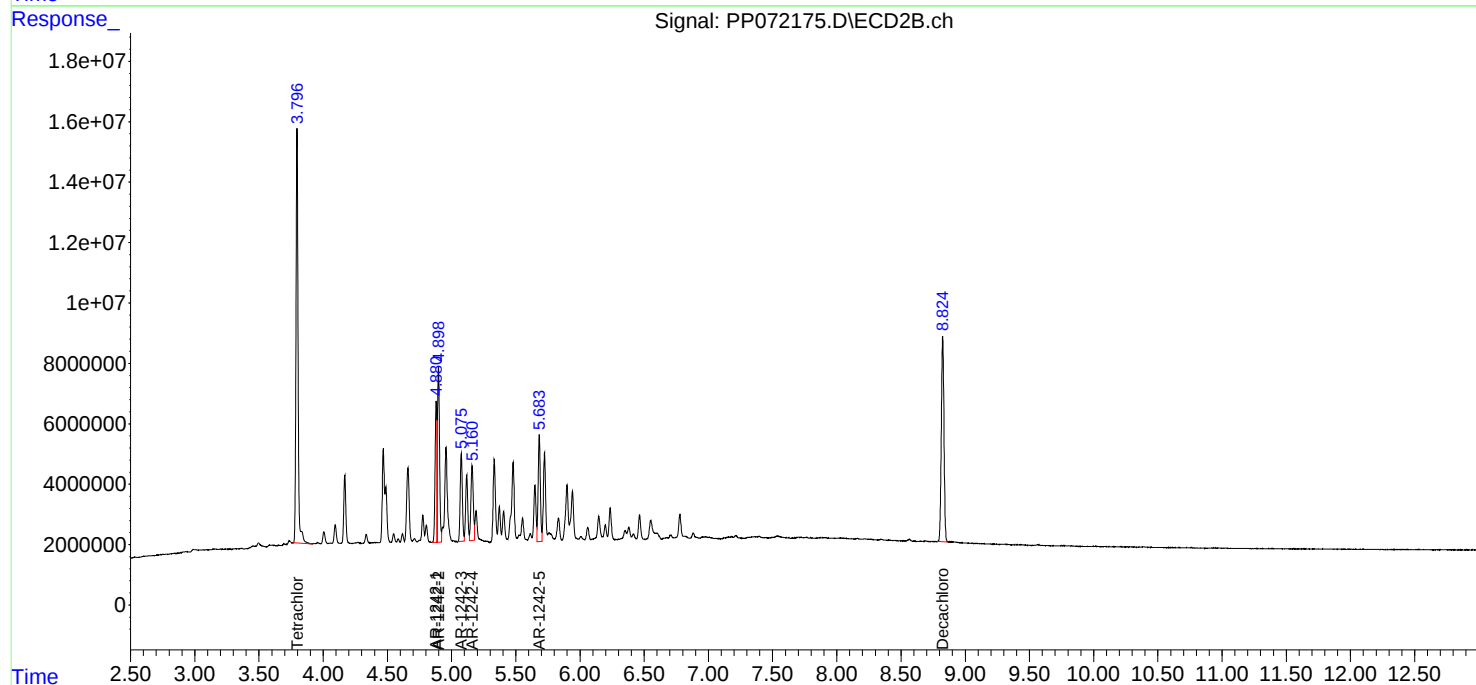
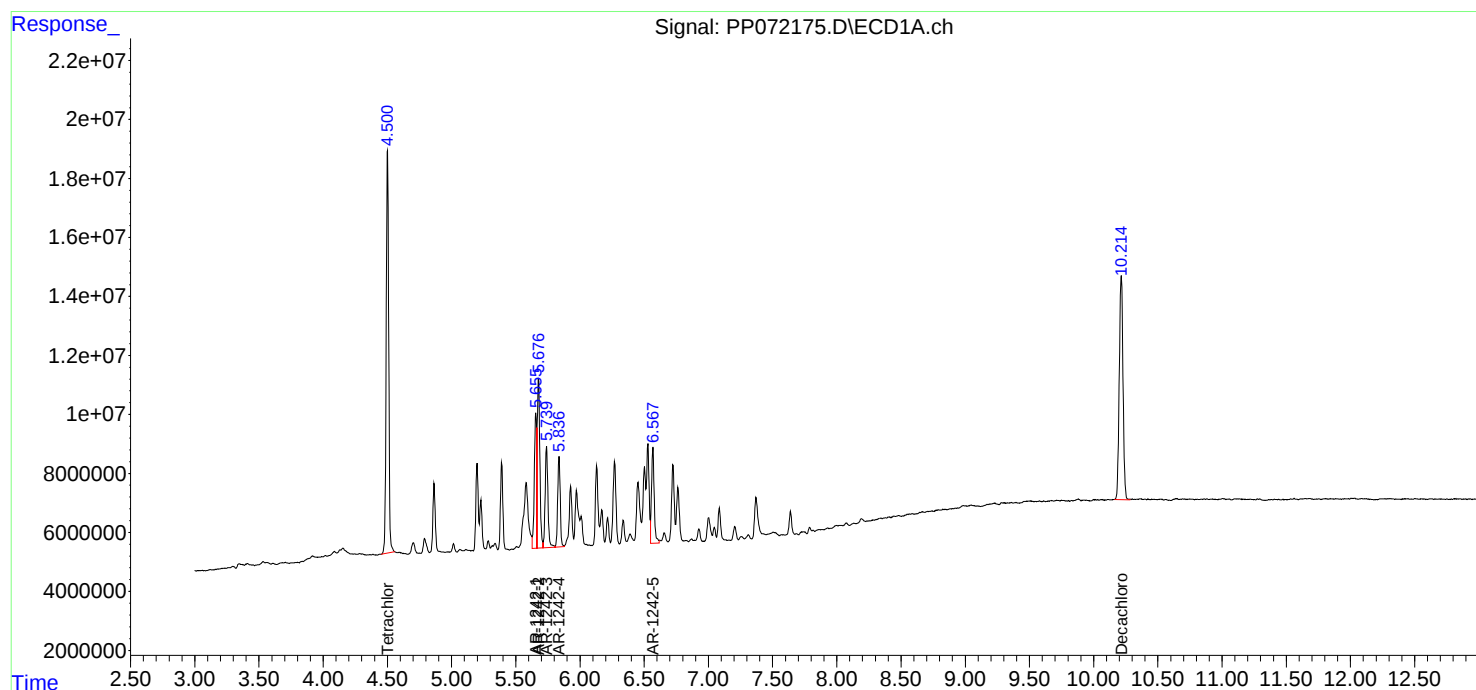
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
Data File : PP072175.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 May 2025 12:43  
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: May 19 13:42:48 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon May 19 13:38:26 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
 Data File : PP072176.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 May 2025 12:59  
 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: May 19 13:45:38 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon May 19 13:38:26 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.501  | 3.797 | 144.7E6  | 125.3E6  | 75.506  | 78.026  |
| 2) SA Decachlor...          | 10.215 | 8.825 | 117.5E6  | 80603094 | 74.400  | 78.305  |
|                             |        |       |          |          |         |         |
| Target Compounds            |        |       |          |          |         |         |
| 16) L4 AR-1242-1            | 5.656  | 4.881 | 42992304 | 37426857 | 734.417 | 754.223 |
| 17) L4 AR-1242-2            | 5.677  | 4.899 | 64478622 | 53279521 | 741.623 | 752.130 |
| 18) L4 AR-1242-3            | 5.739  | 5.076 | 39091479 | 29082900 | 736.754 | 763.759 |
| 19) L4 AR-1242-4            | 5.837  | 5.161 | 32272993 | 27640589 | 743.693 | 769.026 |
| 20) L4 AR-1242-5            | 6.568  | 5.684 | 36522171 | 34960050 | 742.554 | 764.745 |
| -----                       |        |       |          |          |         |         |

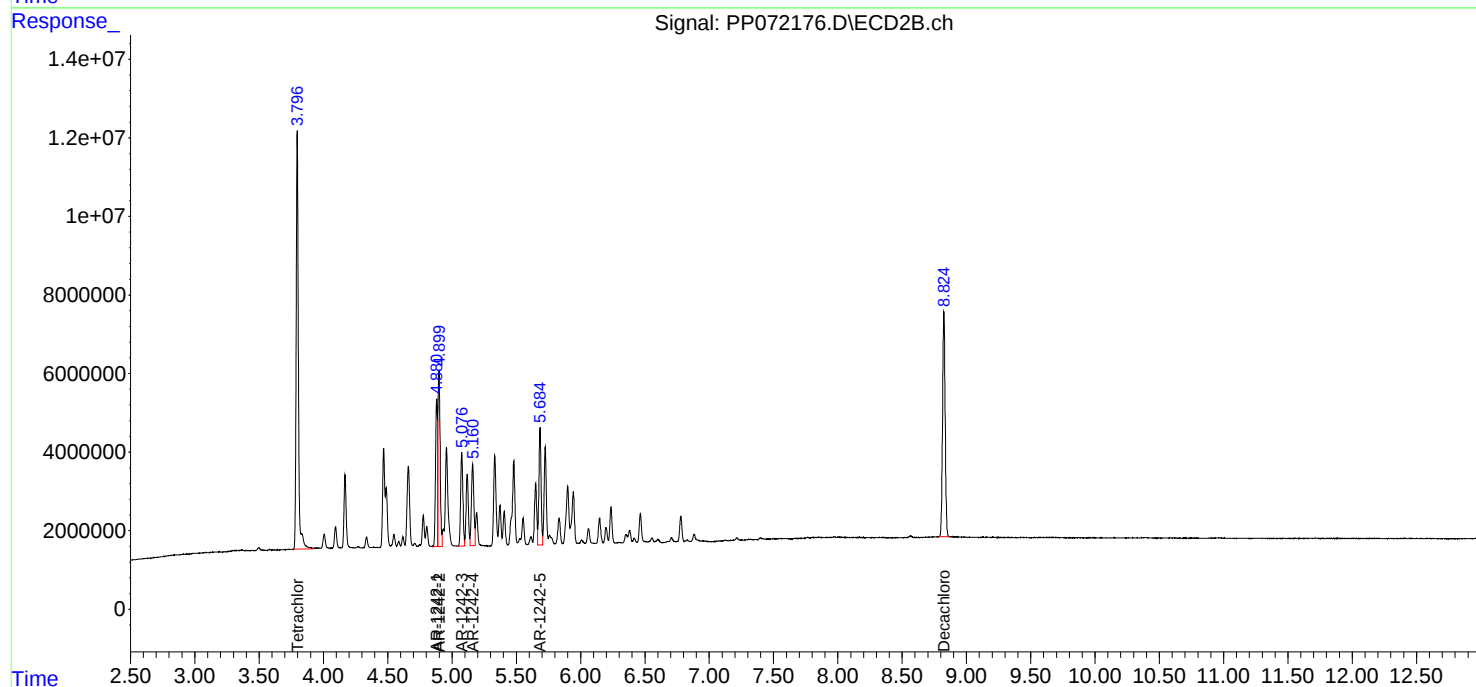
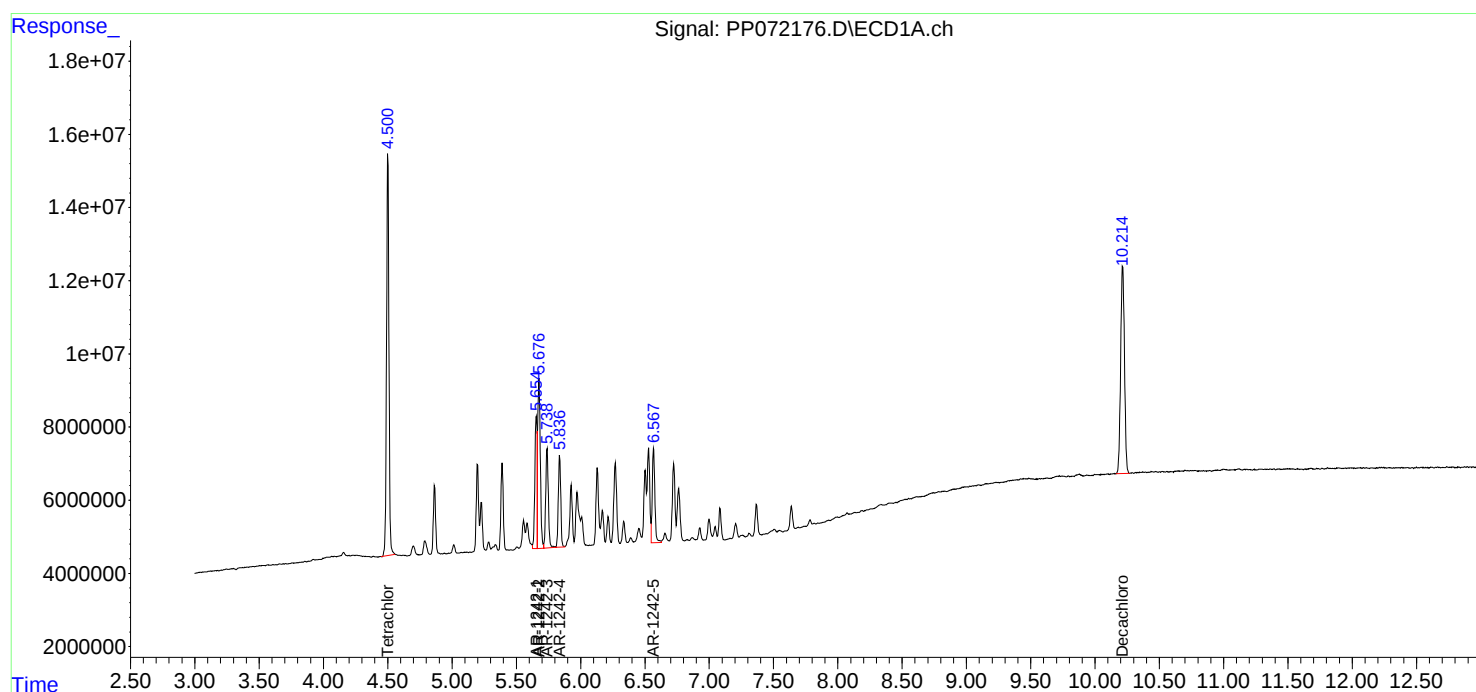
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
Data File : PP072176.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 May 2025 12:59  
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: May 19 13:45:38 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon May 19 13:38:26 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
 Data File : PP072177.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 May 2025 13:15  
 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: May 19 13:39:51 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon May 19 13:38:26 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.505  | 3.798 | 99563757 | 80047805 | 50.000  | 50.000  |
| 2) SA Decachlor...          | 10.221 | 8.827 | 82298882 | 52308236 | 50.000  | 50.000  |
|                             |        |       |          |          |         |         |
| Target Compounds            |        |       |          |          |         |         |
| 16) L4 AR-1242-1            | 5.659  | 4.883 | 31041680 | 26421500 | 500.000 | 500.000 |
| 17) L4 AR-1242-2            | 5.681  | 4.901 | 45941667 | 37735643 | 500.000 | 500.000 |
| 18) L4 AR-1242-3            | 5.743  | 5.078 | 27748086 | 20532241 | 500.000 | 500.000 |
| 19) L4 AR-1242-4            | 5.841  | 5.162 | 22974288 | 19413228 | 500.000 | 500.000 |
| 20) L4 AR-1242-5            | 6.572  | 5.685 | 25439777 | 24377285 | 500.000 | 500.000 |
| -----                       |        |       |          |          |         |         |

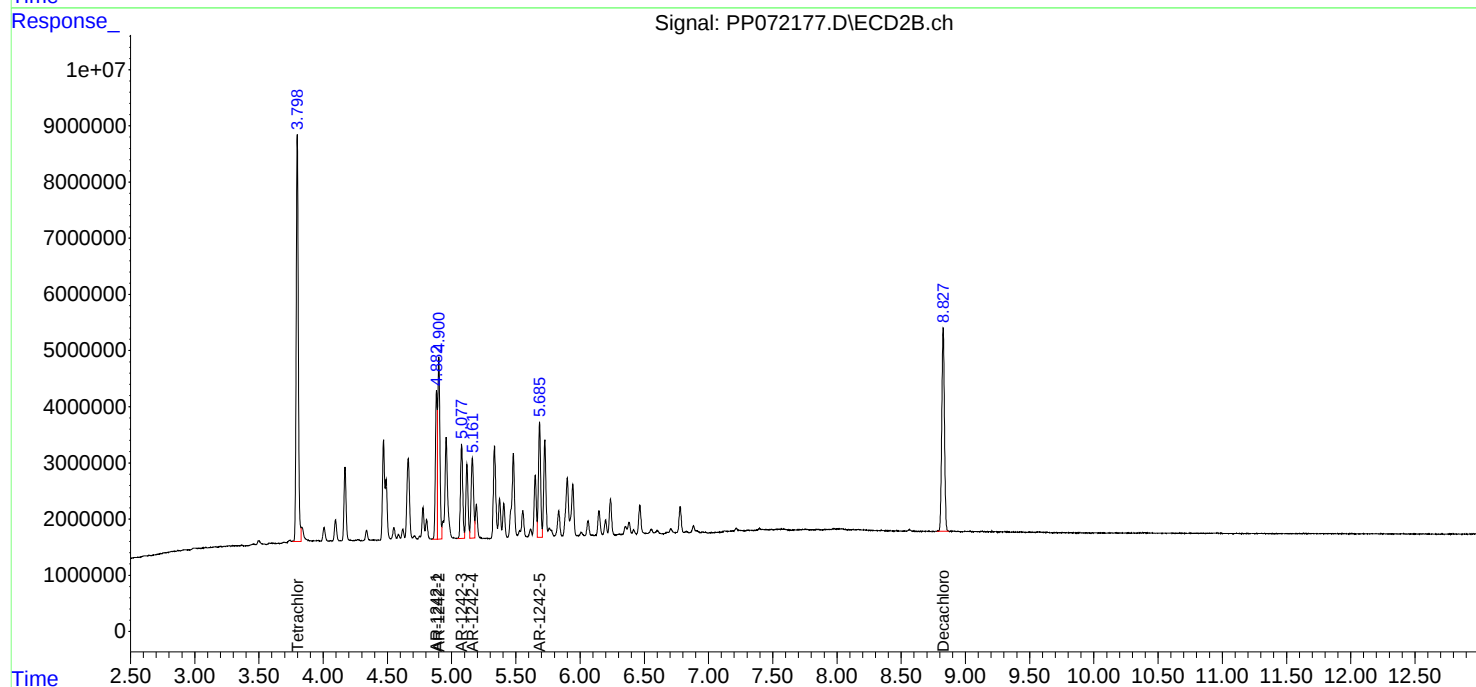
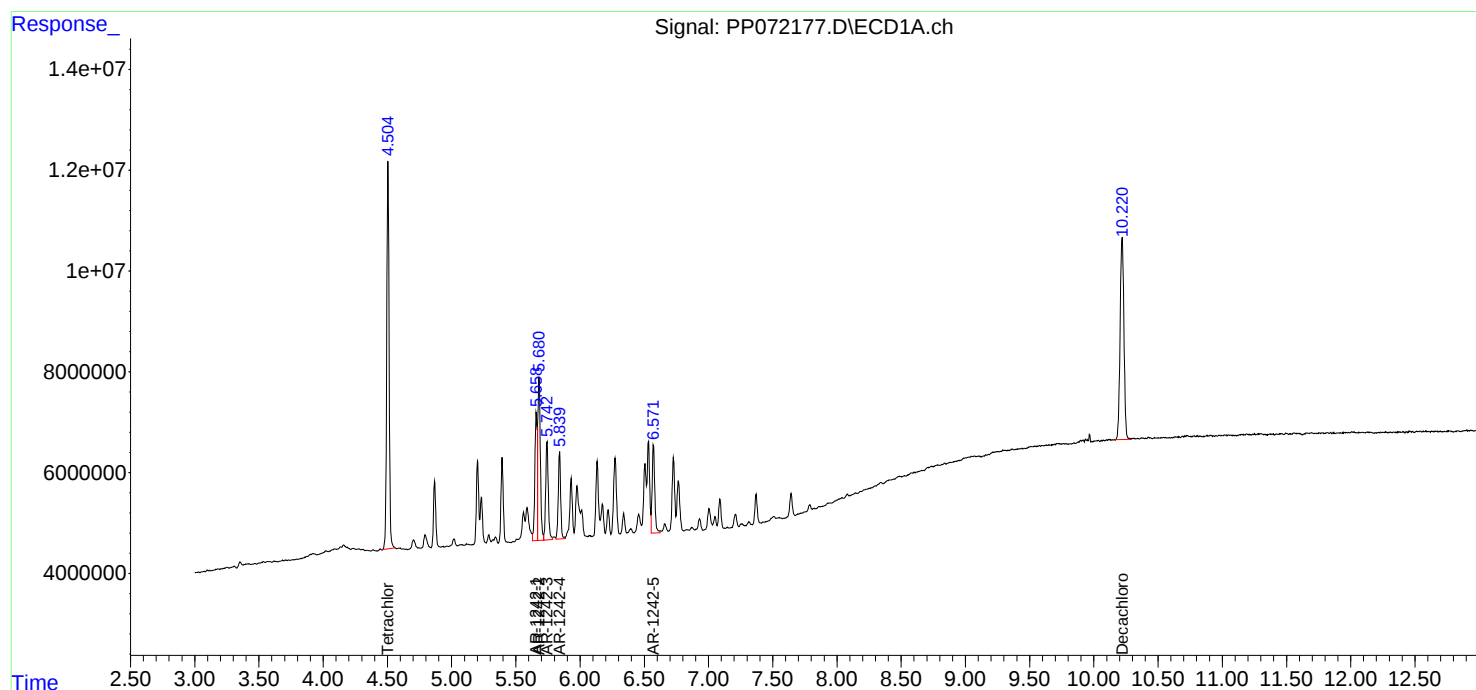
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
Data File : PP072177.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 May 2025 13:15  
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: May 19 13:39:51 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon May 19 13:38:26 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
 Data File : PP072178.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 May 2025 13:32  
 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: May 19 13:48:33 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon May 19 13:38:26 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.500  | 3.797 | 52867260 | 40596927 | 26.895  | 25.212  |
| 2) SA Decachlor...          | 10.214 | 8.825 | 43224831 | 29078092 | 26.730  | 27.360  |
|                             |        |       |          |          |         |         |
| Target Compounds            |        |       |          |          |         |         |
| 16) L4 AR-1242-1            | 5.654  | 4.881 | 16460967 | 14309390 | 272.688 | 277.708 |
| 17) L4 AR-1242-2            | 5.675  | 4.899 | 24396194 | 20235141 | 272.269 | 275.819 |
| 18) L4 AR-1242-3            | 5.738  | 5.076 | 14270237 | 11178619 | 263.948 | 281.311 |
| 19) L4 AR-1242-4            | 5.836  | 5.161 | 11695459 | 10798164 | 264.351 | 286.007 |
| 20) L4 AR-1242-5            | 6.566  | 5.684 | 13108900 | 13556747 | 262.192 | 283.361 |
| -----                       |        |       |          |          |         |         |

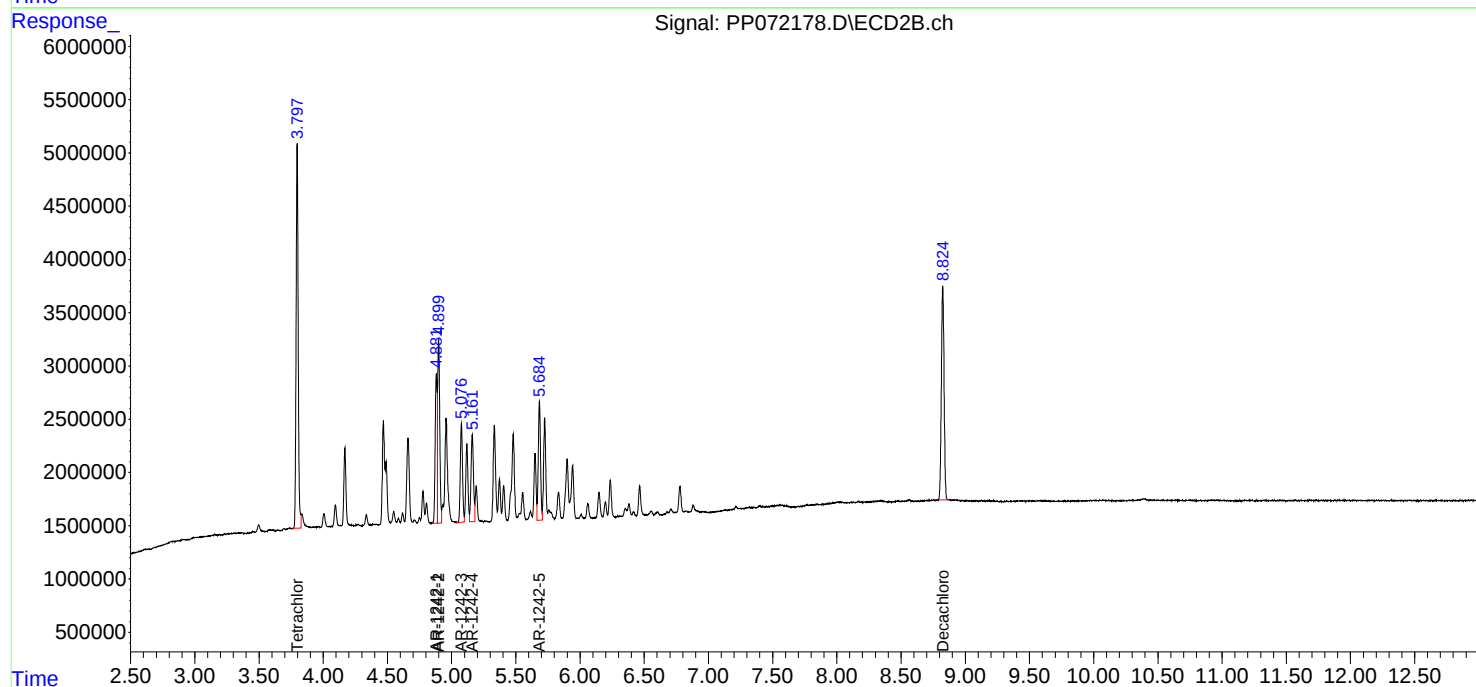
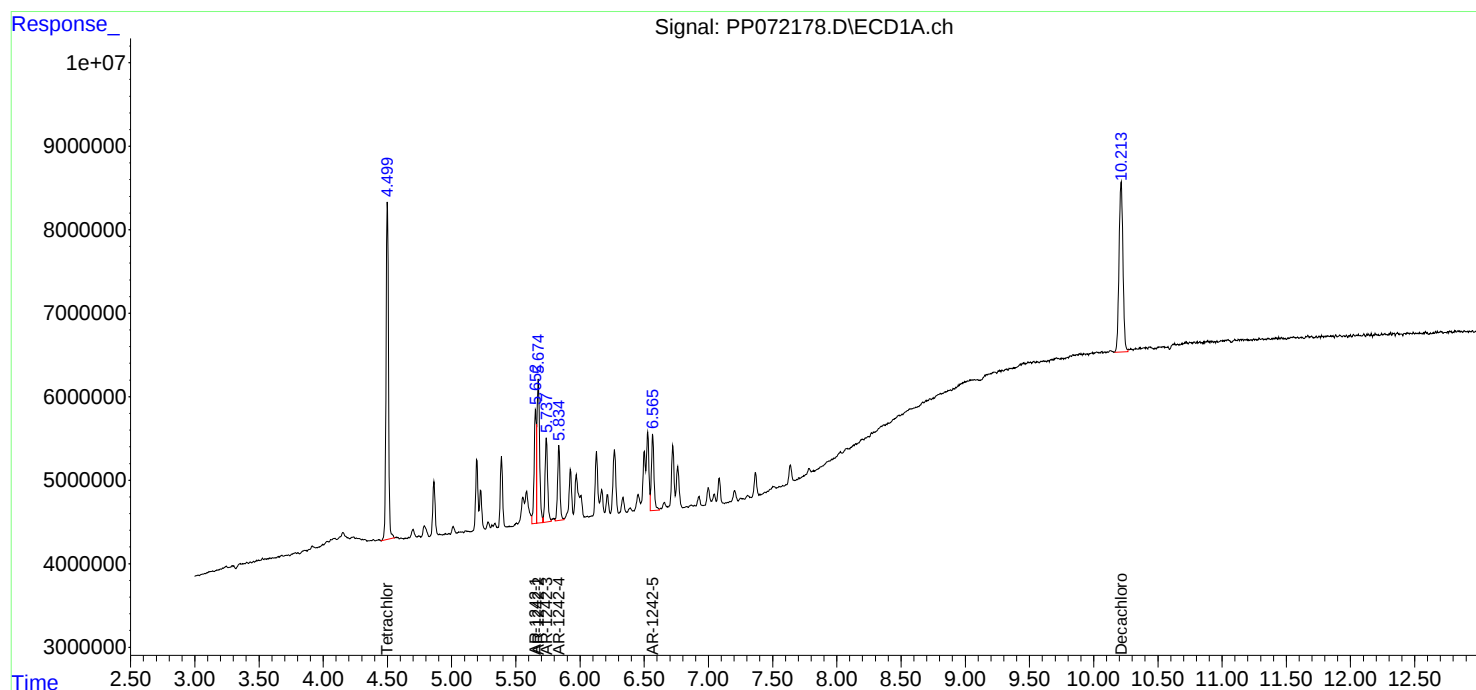
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
Data File : PP072178.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 May 2025 13:32  
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: May 19 13:48:33 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon May 19 13:38:26 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
 Data File : PP072179.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 May 2025 13:48  
 Operator : YP\AJ  
 Sample : AR1242ICC050  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1242ICC050

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 05/20/2025  
 Supervised By :mohammad ahmed 05/22/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 19 14:11:02 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon May 19 14:10:51 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...          | 4.503  | 3.797 | 8565148 | 6886728 | 4.472   | 4.404   |
| 2) SA Decachlor...          | 10.216 | 8.824 | 7437092 | 5391472 | 4.674   | 5.058   |
| Target Compounds            |        |       |         |         |         |         |
| 16) L4 AR-1242-1            | 5.654  | 4.882 | 3576242 | 2721766 | 56.040m | 52.233  |
| 17) L4 AR-1242-2            | 5.677  | 4.900 | 3774327 | 3701307 | 42.861m | 50.361  |
| 18) L4 AR-1242-3            | 5.740  | 5.076 | 2953563 | 1833864 | 53.891m | 46.871  |
| 19) L4 AR-1242-4            | 5.836  | 5.161 | 2238823 | 1844717 | 51.018m | 49.084  |
| 20) L4 AR-1242-5            | 6.568  | 5.683 | 2746740 | 2495867 | 53.225m | 52.475m |
| -----                       |        |       |         |         |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
Data File : PP072179.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 May 2025 13:48  
Operator : YP\AJ  
Sample : AR1242ICC050  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

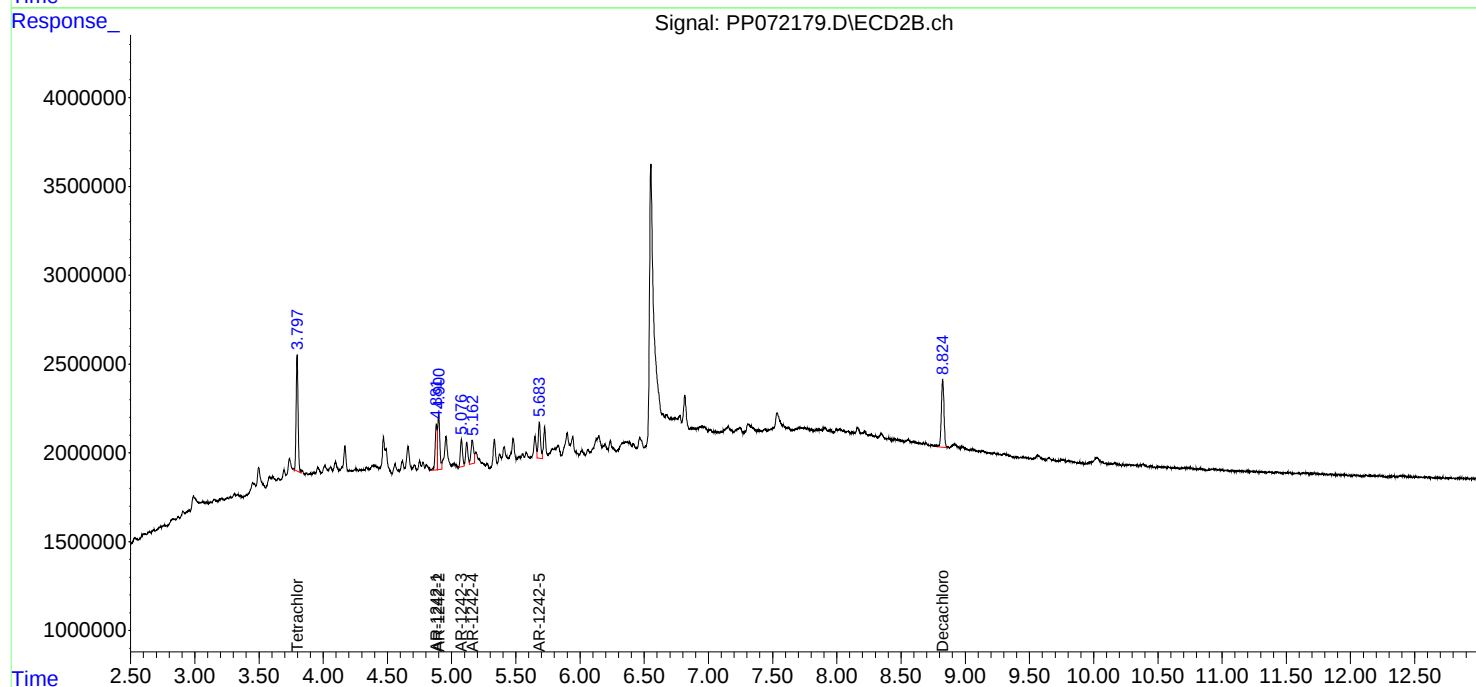
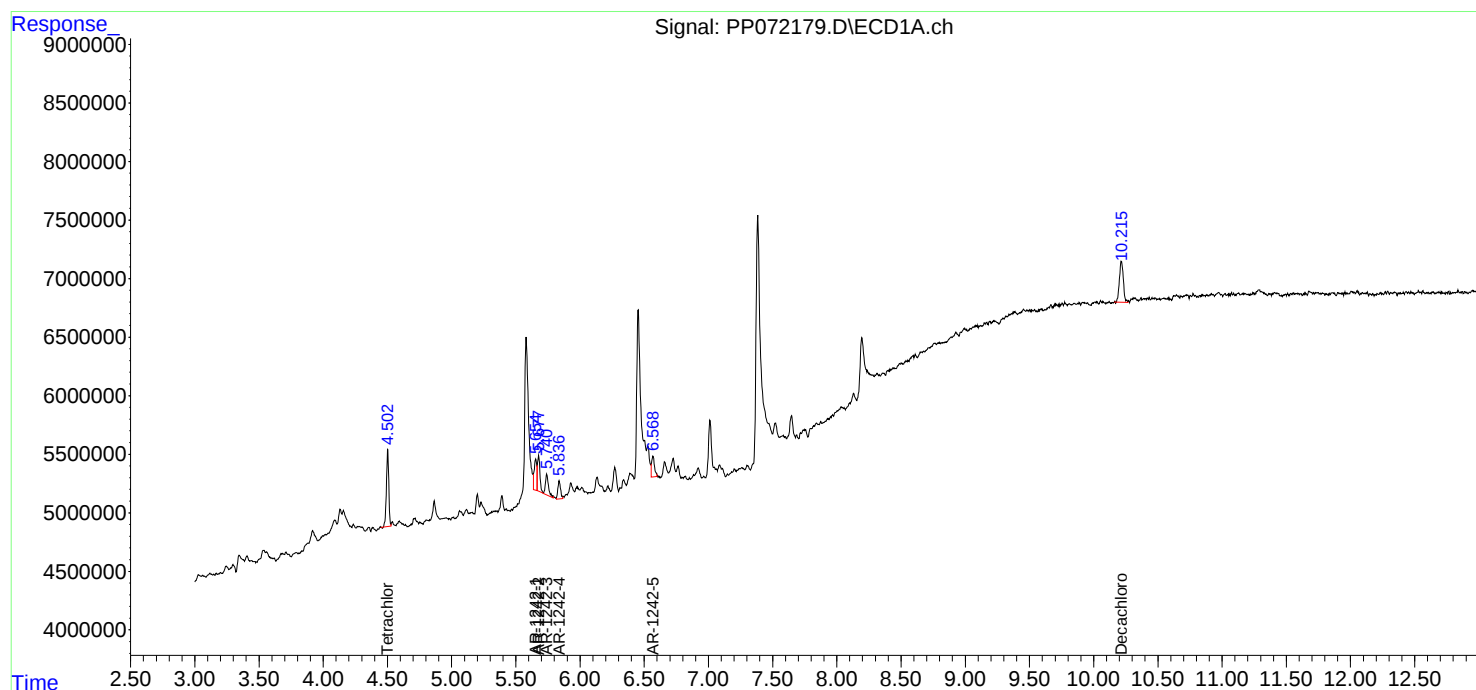
Instrument :  
ECD\_P  
ClientSampleId :  
AR1242ICC050

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 05/20/2025  
Supervised By :mohammad ahmed 05/22/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 19 14:11:02 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon May 19 14:10:51 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
 Data File : PP072180.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 May 2025 14:04  
 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: May 19 14:59:08 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon May 19 14:54:54 2025  
 Response via : 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...          | 4.506  | 3.798 | 188.0E6  | 158.5E6  | 97.146  | 96.913  |
| 2) SA Decachlor...          | 10.219 | 8.825 | 157.3E6  | 107.8E6  | 97.225  | 97.659  |
| Target Compounds            |        |       |          |          |         |         |
| 21) L5 AR-1248-1            | 5.659  | 4.881 | 44038397 | 38942472 | 957.866 | 950.706 |
| 22) L5 AR-1248-2            | 5.931  | 5.118 | 56984732 | 50685144 | 964.616 | 951.833 |
| 23) L5 AR-1248-3            | 6.134  | 5.161 | 64677132 | 53612101 | 969.345 | 958.095 |
| 24) L5 AR-1248-4            | 6.533  | 5.333 | 81606824 | 63542852 | 959.973 | 960.283 |
| 25) L5 AR-1248-5            | 6.572  | 5.725 | 77587697 | 63751699 | 965.027 | 958.723 |
| -----                       |        |       |          |          |         |         |

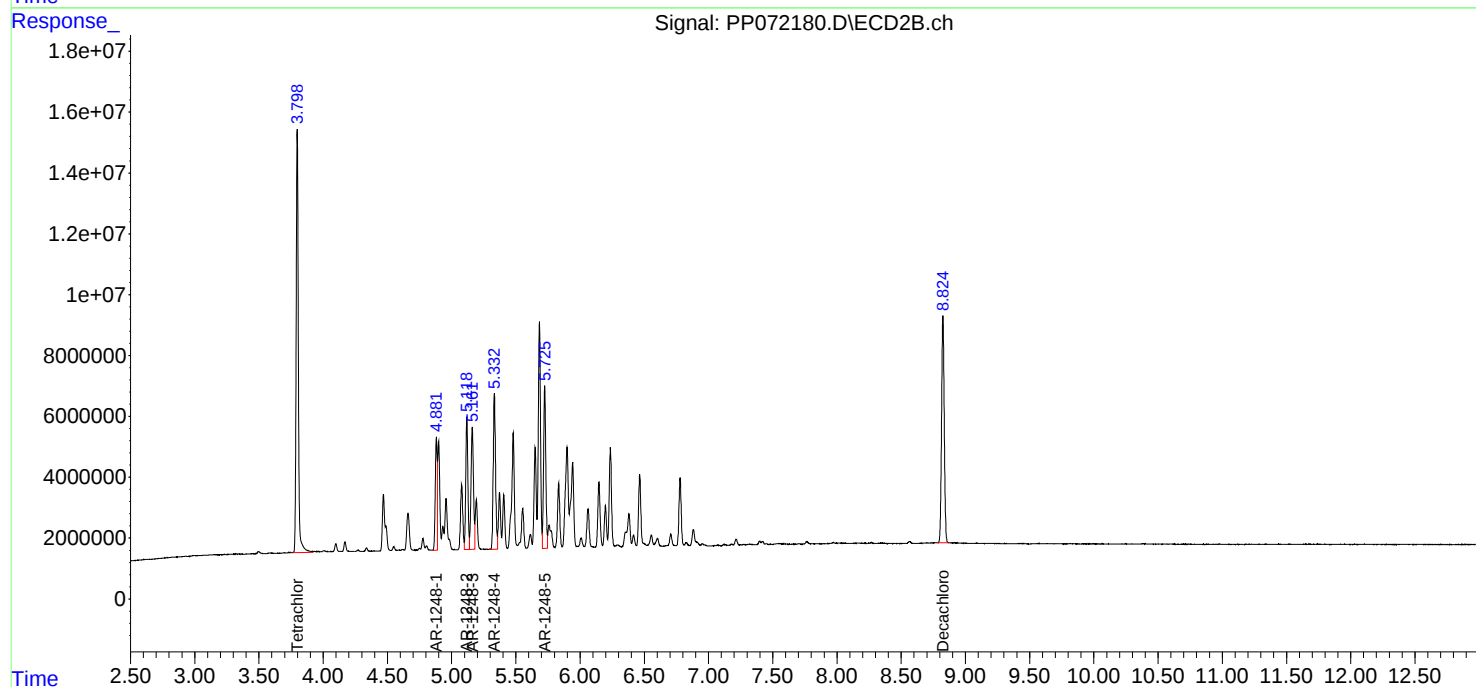
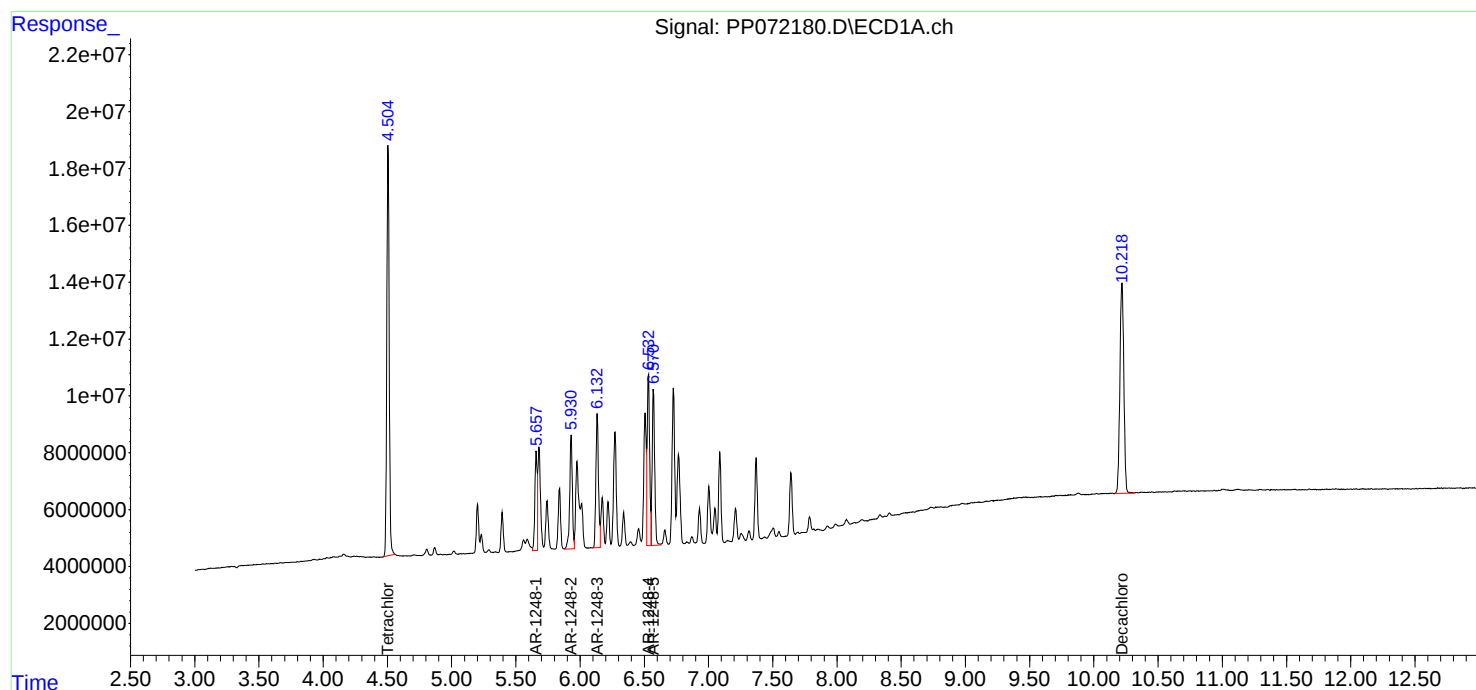
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
Data File : PP072180.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 May 2025 14:04  
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: May 19 14:59:08 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon May 19 14:54:54 2025  
Response via : 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\PP051925\  
 Data File : PP072181.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 May 2025 14:20  
 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: May 19 15:02:42 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon May 19 14:54:54 2025  
 Response via : 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...          | 4.502  | 3.799 | 143.2E6  | 115.8E6  | 74.323  | 72.143  |
| 2) SA Decachlor...          | 10.214 | 8.826 | 119.9E6  | 80014834 | 74.410  | 73.309  |
| Target Compounds            |        |       |          |          |         |         |
| 21) L5 AR-1248-1            | 5.655  | 4.882 | 35604324 | 28560624 | 766.105 | 713.991 |
| 22) L5 AR-1248-2            | 5.927  | 5.119 | 44550644 | 37039968 | 752.752 | 712.825 |
| 23) L5 AR-1248-3            | 6.130  | 5.161 | 49360311 | 38952854 | 743.159 | 713.200 |
| 24) L5 AR-1248-4            | 6.529  | 5.333 | 63978321 | 45811338 | 751.733 | 710.534 |
| 25) L5 AR-1248-5            | 6.568  | 5.726 | 60752796 | 46780519 | 753.748 | 718.348 |
| -----                       |        |       |          |          |         |         |

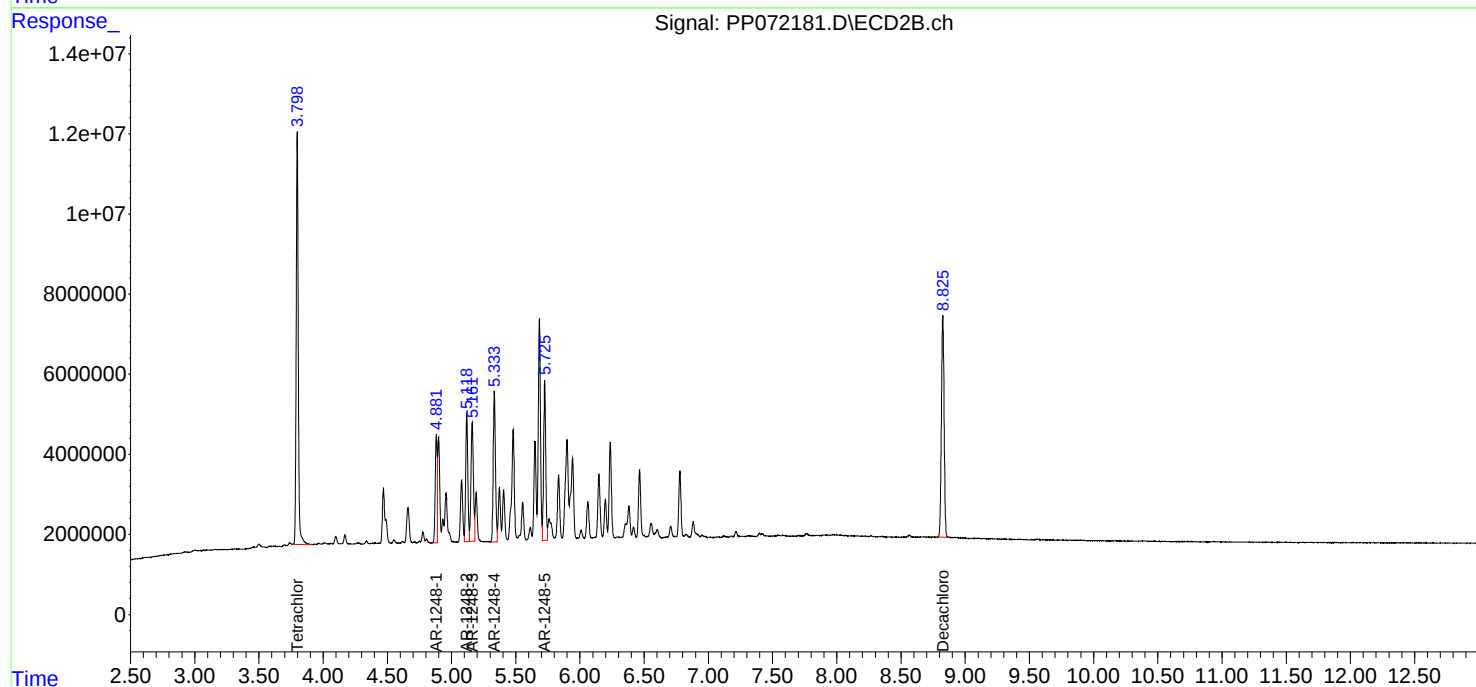
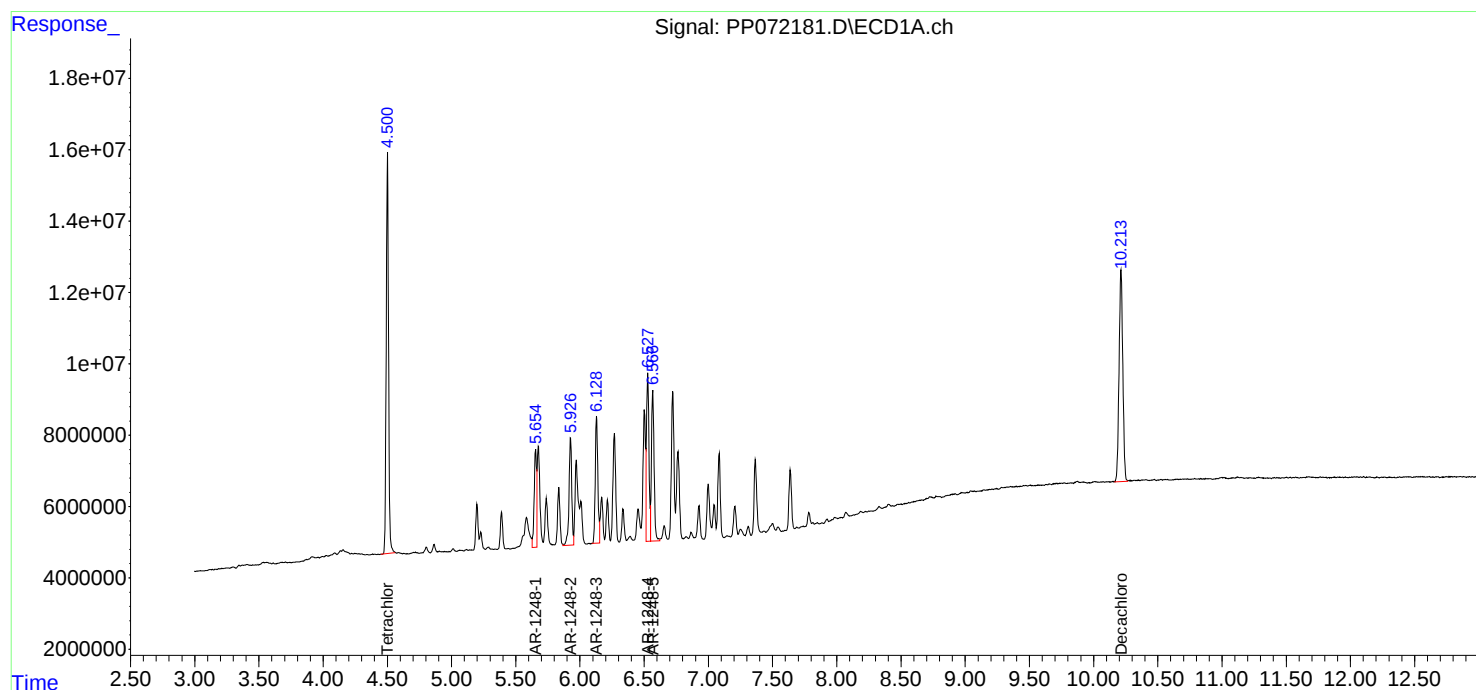
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
Data File : PP072181.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 May 2025 14:20  
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: May 19 15:02:42 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon May 19 14:54:54 2025  
Response via : 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\PP051925\  
 Data File : PP072182.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 May 2025 14:37  
 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: May 19 14:56:15 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon May 19 14:54:54 2025  
 Response via : 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...          | 4.503  | 3.798 | 99535493 | 84317976 | 50.000  | 50.000  |
| 2) SA Decachlor...          | 10.215 | 8.825 | 83159844 | 56480842 | 50.000  | 50.000  |
| Target Compounds            |        |       |          |          |         |         |
| 21) L5 AR-1248-1            | 5.656  | 4.881 | 23956323 | 21490405 | 500.000 | 500.000 |
| 22) L5 AR-1248-2            | 5.928  | 5.119 | 30582698 | 27907479 | 500.000 | 500.000 |
| 23) L5 AR-1248-3            | 6.131  | 5.161 | 34383966 | 29150937 | 500.000 | 500.000 |
| 24) L5 AR-1248-4            | 6.530  | 5.333 | 44206090 | 34399526 | 500.000 | 500.000 |
| 25) L5 AR-1248-5            | 6.569  | 5.726 | 41605620 | 34620634 | 500.000 | 500.000 |
| -----                       |        |       |          |          |         |         |

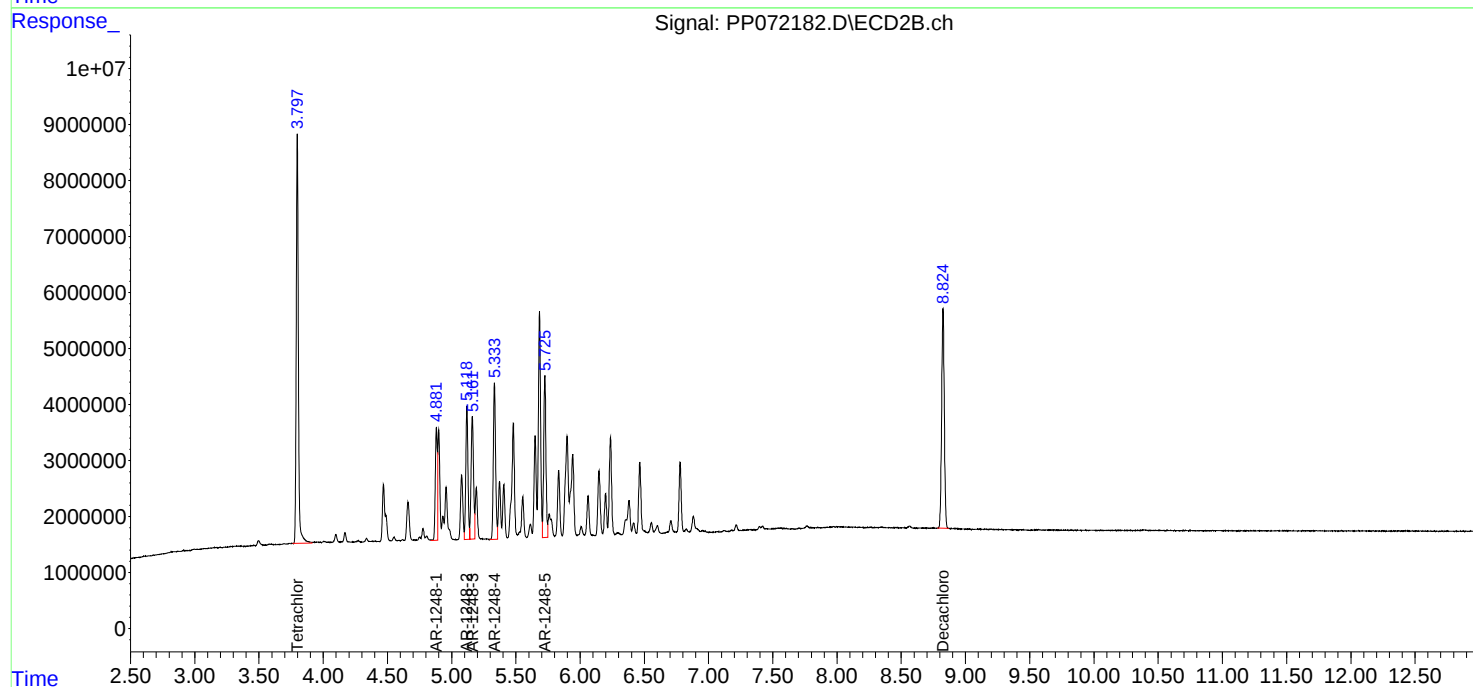
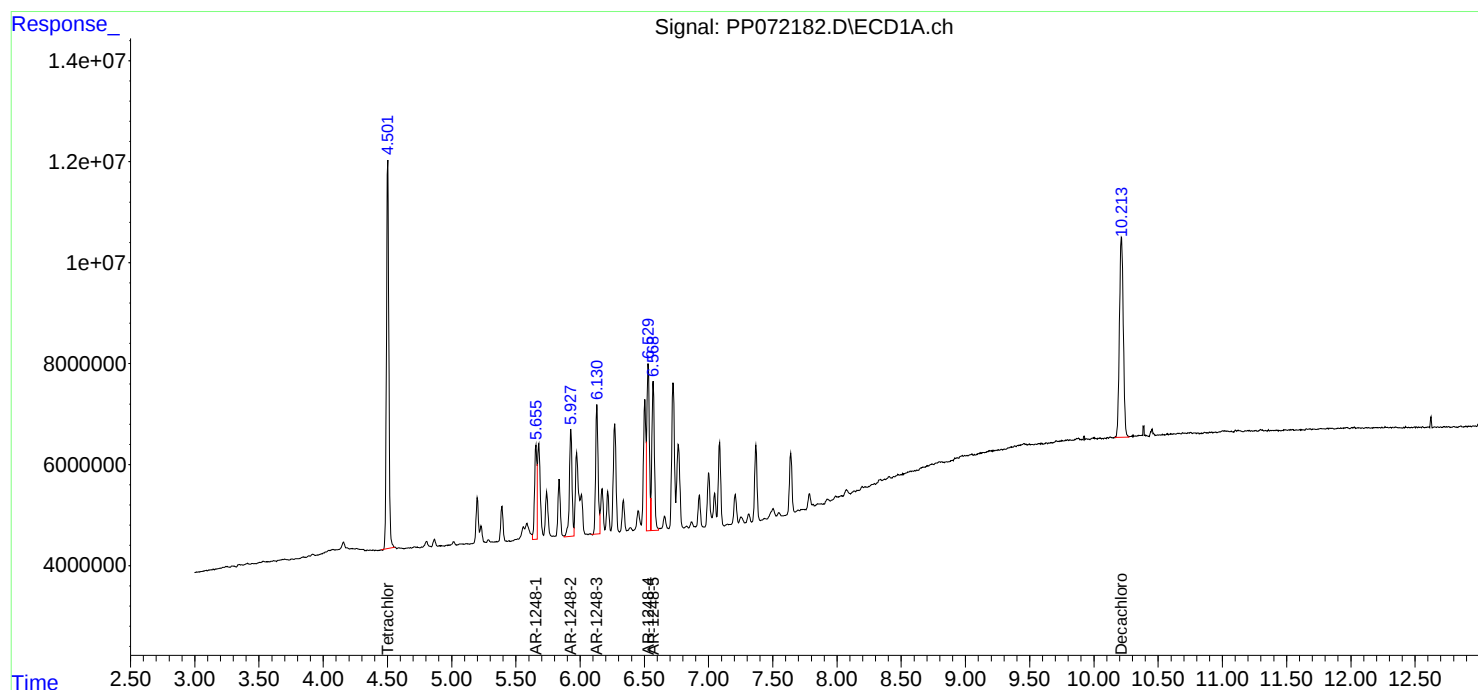
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
Data File : PP072182.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 May 2025 14:37  
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: May 19 14:56:15 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon May 19 14:54:54 2025  
Response via : 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\PP051925\  
 Data File : PP072183.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 May 2025 14:53  
 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: May 19 15:05:39 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon May 19 14:54:54 2025  
 Response via : 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...          | 4.504  | 3.798 | 52810864 | 45199511 | 26.764  | 27.295  |
| 2) SA Decachlor...          | 10.217 | 8.825 | 42874232 | 30462979 | 26.180  | 27.121  |
| Target Compounds            |        |       |          |          |         |         |
| 21) L5 AR-1248-1            | 5.657  | 4.882 | 12861341 | 11684235 | 269.533 | 280.297 |
| 22) L5 AR-1248-2            | 5.929  | 5.119 | 15869170 | 15269791 | 263.358 | 281.515 |
| 23) L5 AR-1248-3            | 6.132  | 5.161 | 17659503 | 16001810 | 261.722 | 280.908 |
| 24) L5 AR-1248-4            | 6.531  | 5.333 | 23049150 | 18905273 | 265.299 | 281.073 |
| 25) L5 AR-1248-5            | 6.570  | 5.726 | 21712961 | 18625278 | 264.265 | 276.065 |
| -----                       |        |       |          |          |         |         |

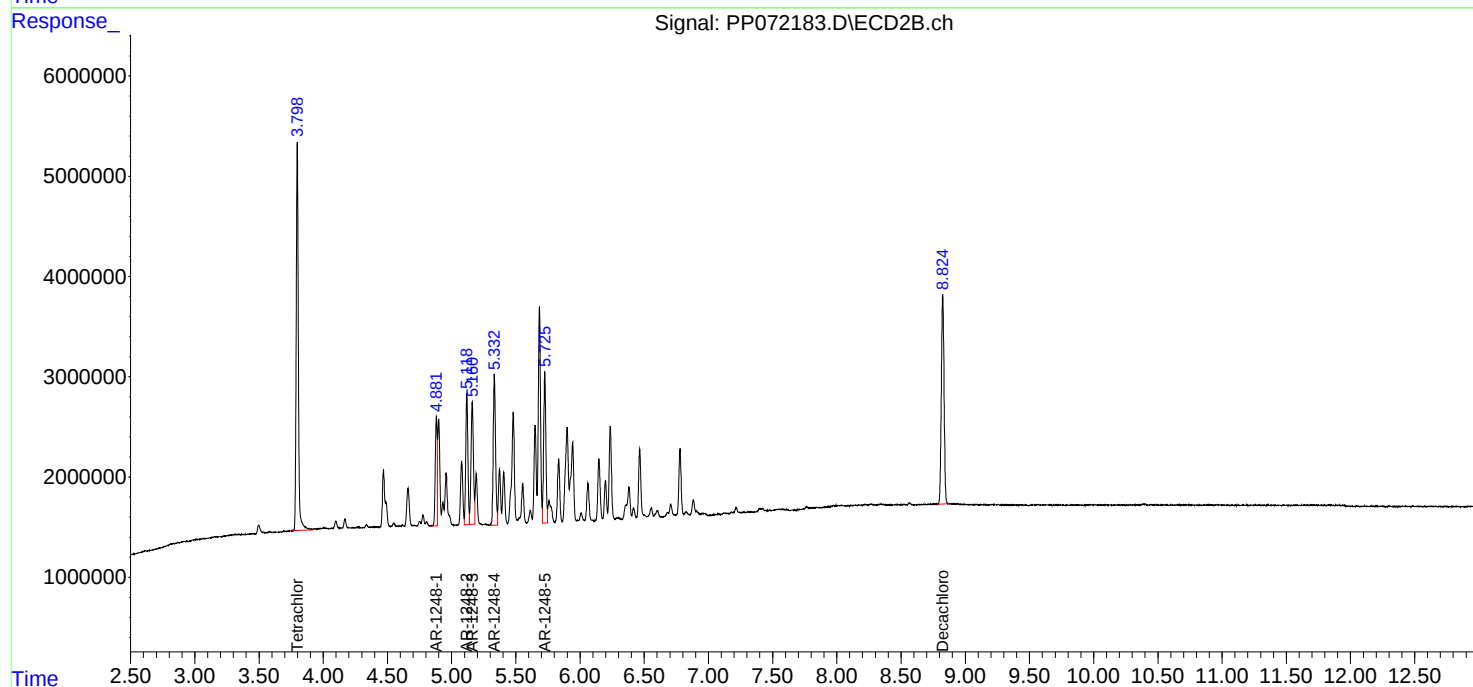
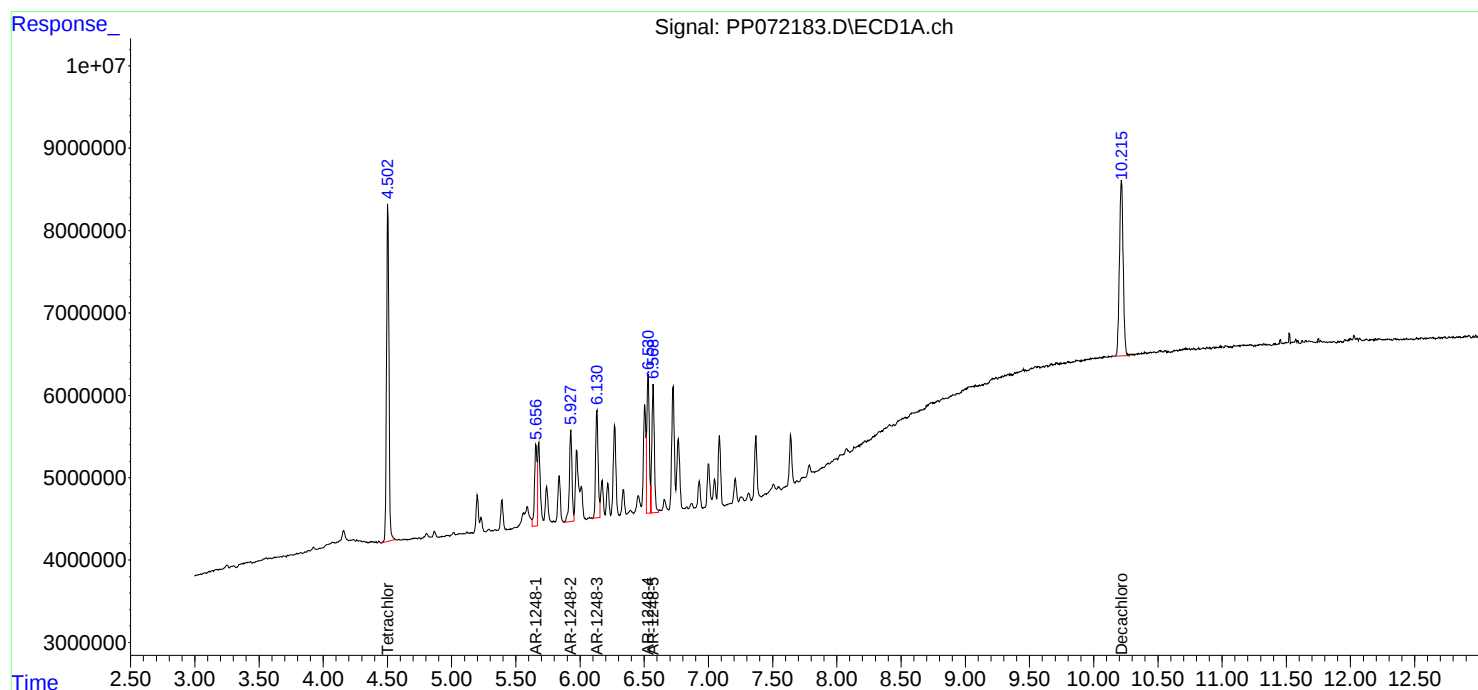
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
Data File : PP072183.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 May 2025 14:53  
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: May 19 15:05:39 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon May 19 14:54:54 2025  
Response via : 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\PP051925\  
 Data File : PP072184.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 May 2025 15:25  
 Operator : YP\AJ  
 Sample : AR1248ICC050  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1248ICC050

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 05/20/2025  
 Supervised By :mohammad ahmed 05/22/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 19 15:39:55 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon May 19 15:20:22 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... | 4.500  | 3.797 | 9281743 | 8589975 | 4.760   | 5.149   |
| 2)                          | SA Decachlor... | 10.214 | 8.824 | 7393621 | 5937693 | 4.604   | 5.226   |
|                             |                 |        |       |         |         |         |         |
| Target Compounds            |                 |        |       |         |         |         |         |
| 21)                         | L5 AR-1248-1    | 5.652  | 4.881 | 2555425 | 2493351 | 52.477m | 57.554  |
| 22)                         | L5 AR-1248-2    | 5.926  | 5.118 | 3108634 | 3271038 | 51.264  | 57.918  |
| 23)                         | L5 AR-1248-3    | 6.128  | 5.160 | 3050186 | 3383850 | 46.089  | 57.249  |
| 24)                         | L5 AR-1248-4    | 6.528  | 5.332 | 4472018 | 3960972 | 51.172  | 56.978m |
| 25)                         | L5 AR-1248-5    | 6.567  | 5.725 | 4323703 | 3941459 | 52.077  | 56.517  |
| -----                       |                 |        |       |         |         |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
Data File : PP072184.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 May 2025 15:25  
Operator : YP\AJ  
Sample : AR1248ICC050  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

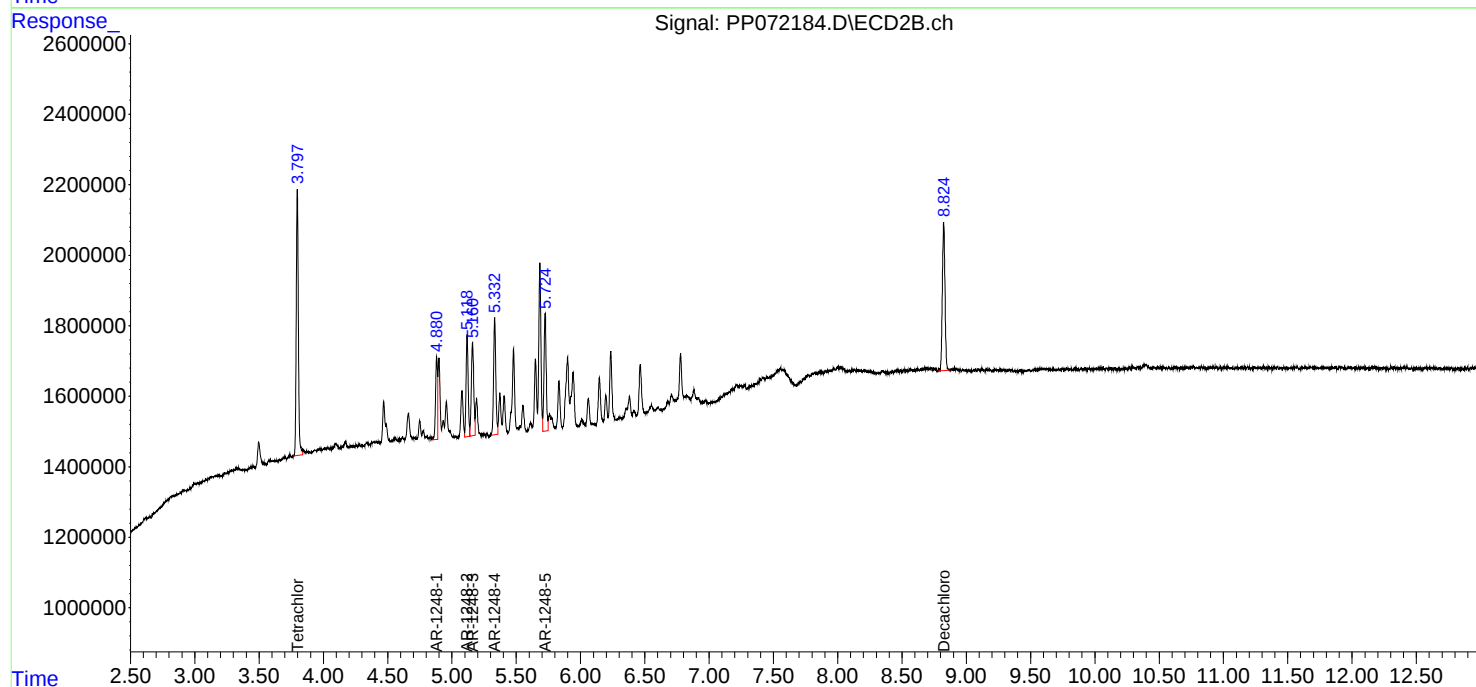
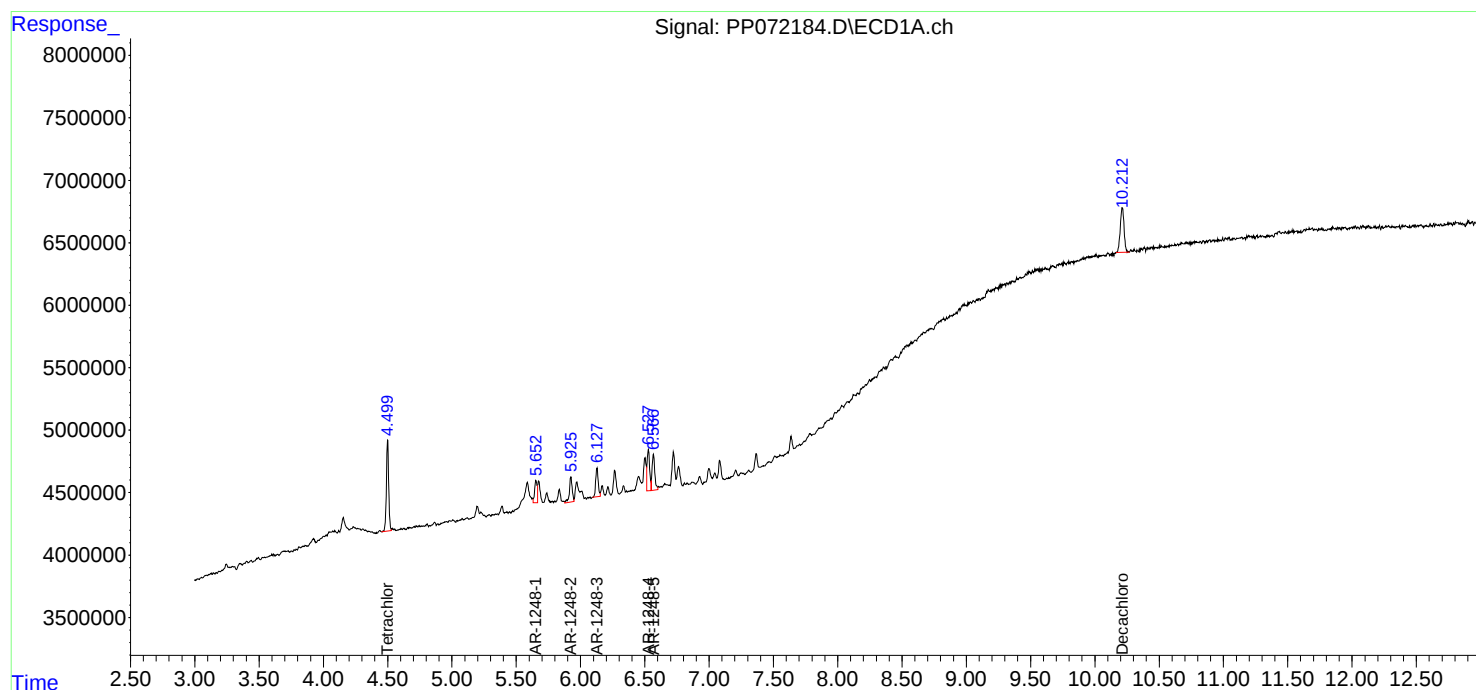
Instrument :  
ECD\_P  
ClientSampleId :  
AR1248ICC050

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 05/20/2025  
Supervised By :mohammad ahmed 05/22/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 19 15:39:55 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon May 19 15:20:22 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
 Data File : PP072185.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 May 2025 15:42  
 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: May 19 17:56:11 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon May 19 17:50:53 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.504  | 3.799 | 186.9E6  | 151.6E6  | 95.813  | 92.566  |
| 2) SA Decachlor...          | 10.217 | 8.825 | 157.7E6  | 104.9E6  | 96.583  | 97.142  |
| Target Compounds            |        |       |          |          |         |         |
| 26) L6 AR-1254-1            | 6.507  | 5.685 | 79792123 | 88394708 | 957.230 | 921.511 |
| 27) L6 AR-1254-2            | 6.724  | 5.834 | 120.1E6  | 75158218 | 956.365 | 909.300 |
| 28) L6 AR-1254-3            | 7.088  | 6.236 | 124.3E6  | 118.6E6  | 963.286 | 925.888 |
| 29) L6 AR-1254-4            | 7.370  | 6.465 | 116.3E6  | 76184182 | 966.294 | 916.589 |
| 30) L6 AR-1254-5            | 7.787  | 6.883 | 107.9E6  | 103.3E6  | 962.647 | 923.217 |
| -----                       |        |       |          |          |         |         |

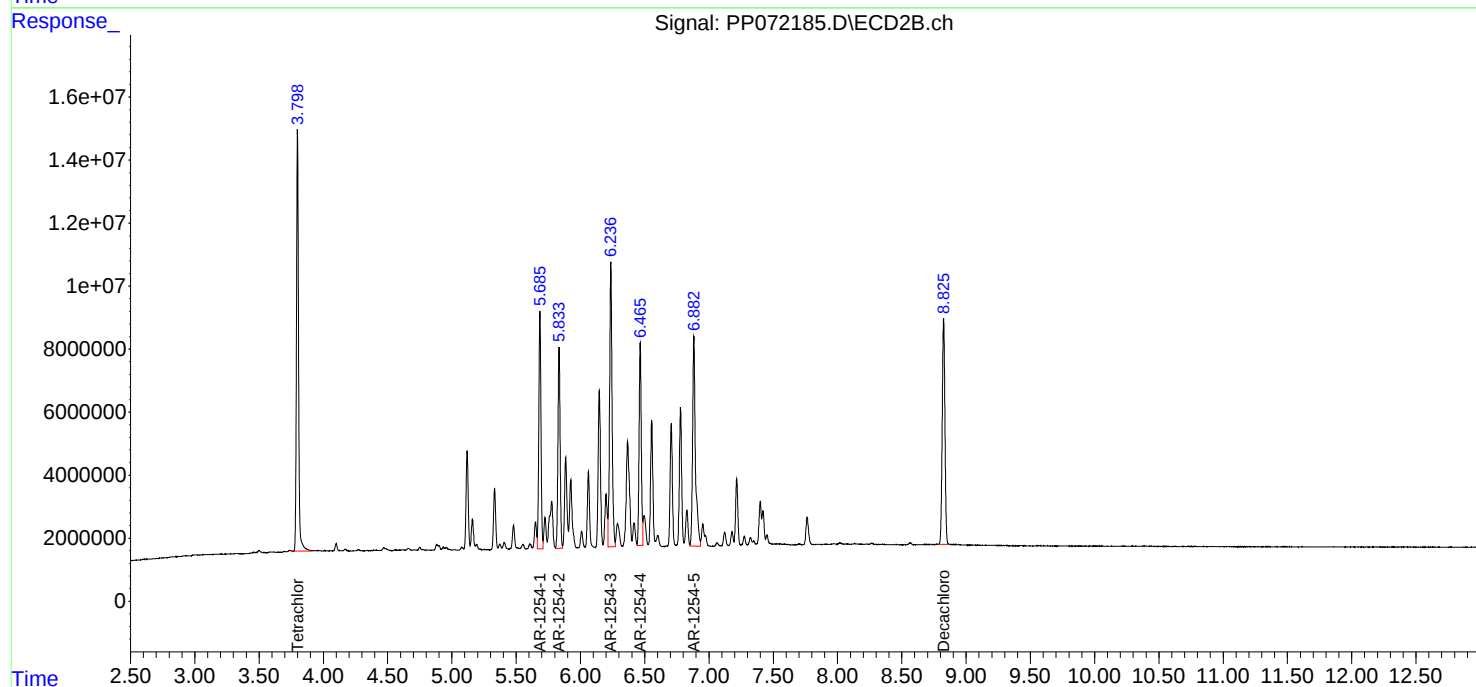
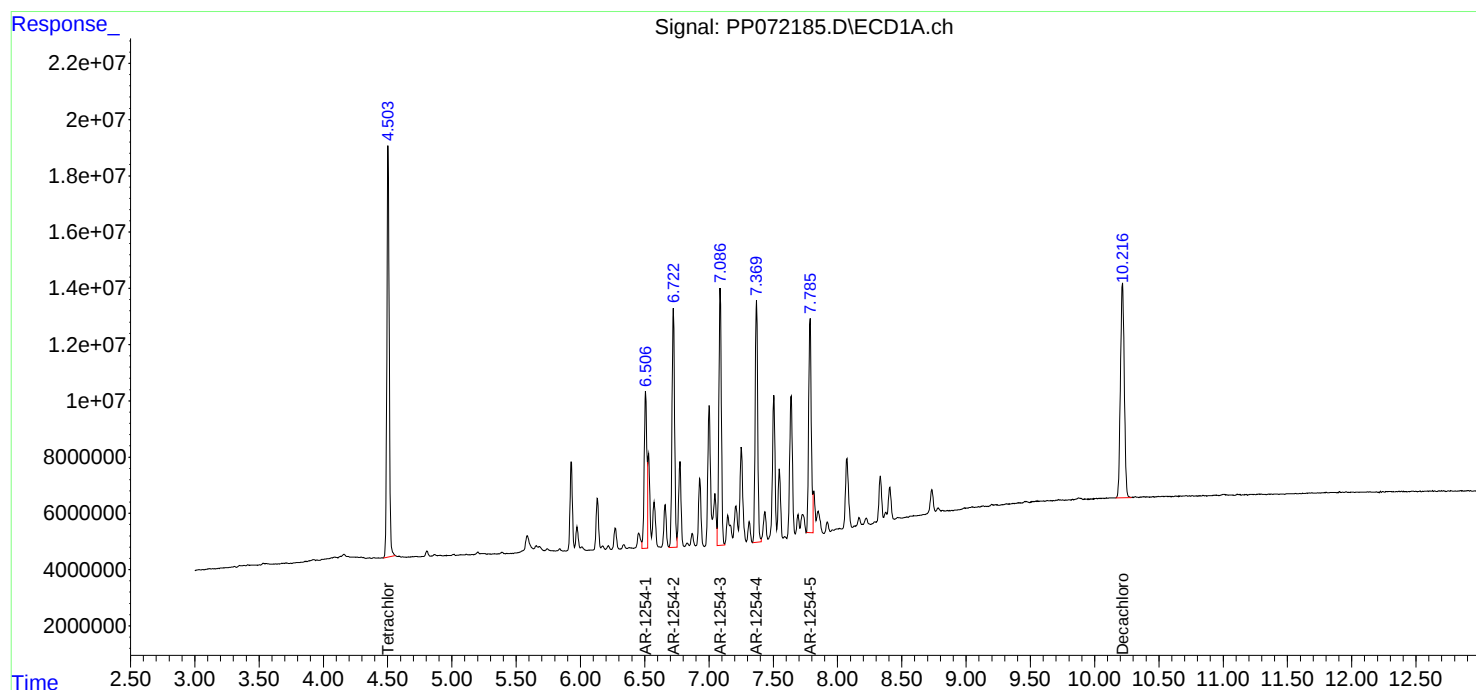
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
Data File : PP072185.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 May 2025 15:42  
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: May 19 17:56:11 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon May 19 17:50:53 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
 Data File : PP072186.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 May 2025 15:58  
 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: May 19 18:00:21 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon May 19 17:59:19 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...          | 4.504  | 3.799 | 146.2E6  | 125.8E6  | 74.952  | 76.204  |
| 2) SA Decachlor...          | 10.217 | 8.825 | 121.1E6  | 81081085 | 74.439  | 75.075  |
| Target Compounds            |        |       |          |          |         |         |
| 26) L6 AR-1254-1            | 6.507  | 5.685 | 62087463 | 69101121 | 746.549 | 729.987 |
| 27) L6 AR-1254-2            | 6.723  | 5.834 | 93637557 | 59106174 | 746.914 | 726.363 |
| 28) L6 AR-1254-3            | 7.087  | 6.237 | 95874547 | 92318270 | 745.288 | 730.264 |
| 29) L6 AR-1254-4            | 7.370  | 6.465 | 88913109 | 59863409 | 742.441 | 729.887 |
| 30) L6 AR-1254-5            | 7.786  | 6.883 | 84042453 | 83723123 | 749.686 | 748.732 |
| -----                       |        |       |          |          |         |         |

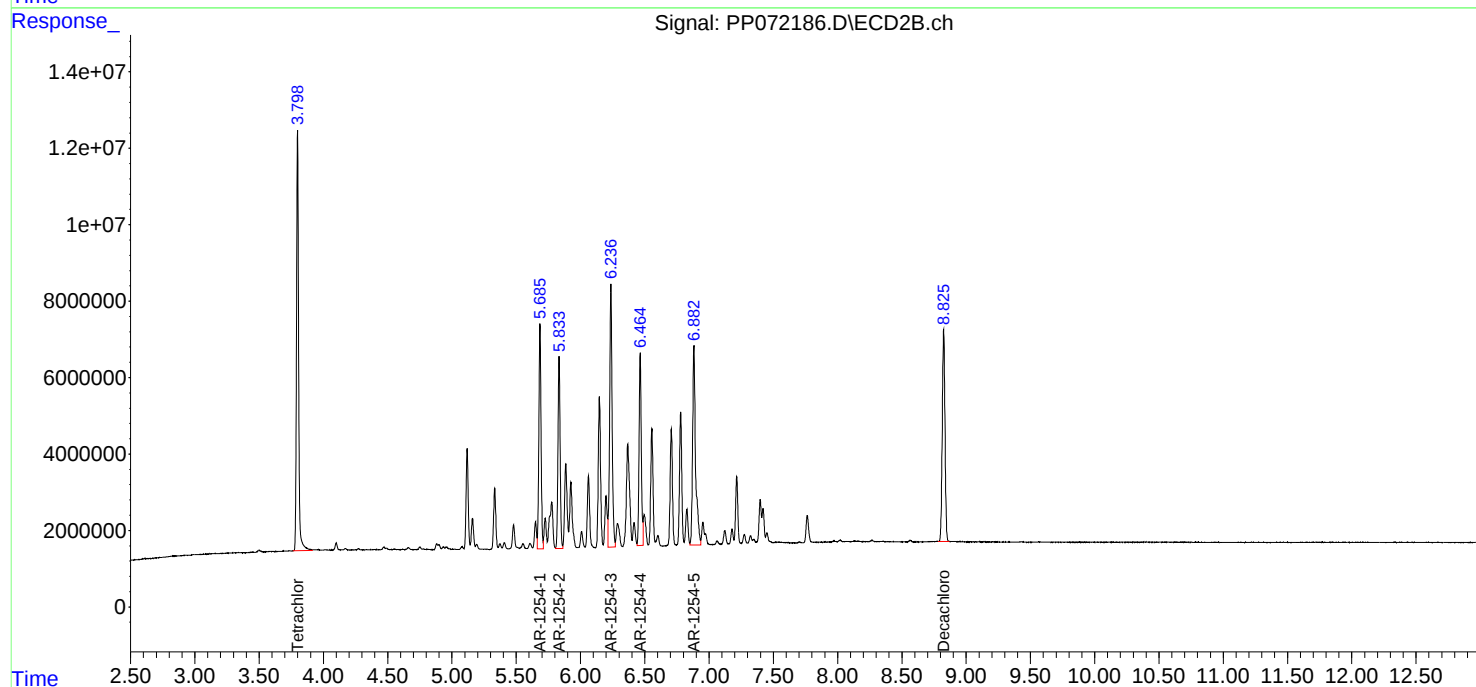
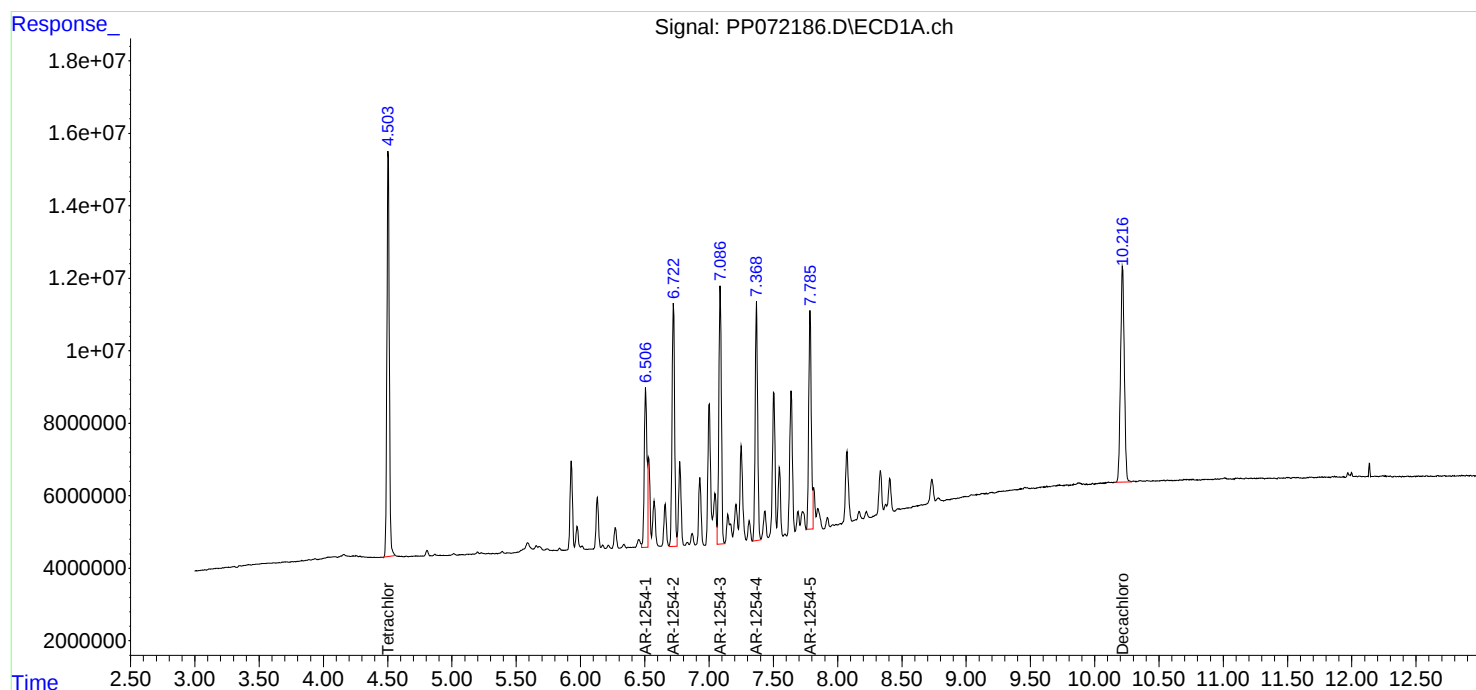
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
Data File : PP072186.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 May 2025 15:58  
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: May 19 18:00:21 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon May 19 17:59:19 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
 Data File : PP072187.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 May 2025 16:14  
 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: May 19 17:52:57 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon May 19 17:50:53 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|--------|-------|----------|----------|---------|---------|
| -----                       |        |       |          |          |         |         |
| System Monitoring Compounds |        |       |          |          |         |         |
| 1) SA Tetrachlo...          | 4.503  | 3.798 | 101.6E6  | 87948942 | 50.000  | 50.000  |
| 2) SA Decachlor...          | 10.215 | 8.825 | 84401769 | 55516052 | 50.000  | 50.000  |
| Target Compounds            |        |       |          |          |         |         |
| 26) L6 AR-1254-1            | 6.506  | 5.685 | 43461212 | 51726314 | 500.000 | 500.000 |
| 27) L6 AR-1254-2            | 6.723  | 5.833 | 65552662 | 45075919 | 500.000 | 500.000 |
| 28) L6 AR-1254-3            | 7.086  | 6.236 | 66891427 | 68786744 | 500.000 | 500.000 |
| 29) L6 AR-1254-4            | 7.369  | 6.465 | 62209110 | 45024944 | 500.000 | 500.000 |
| 30) L6 AR-1254-5            | 7.785  | 6.883 | 58157609 | 60253702 | 500.000 | 500.000 |
| -----                       |        |       |          |          |         |         |

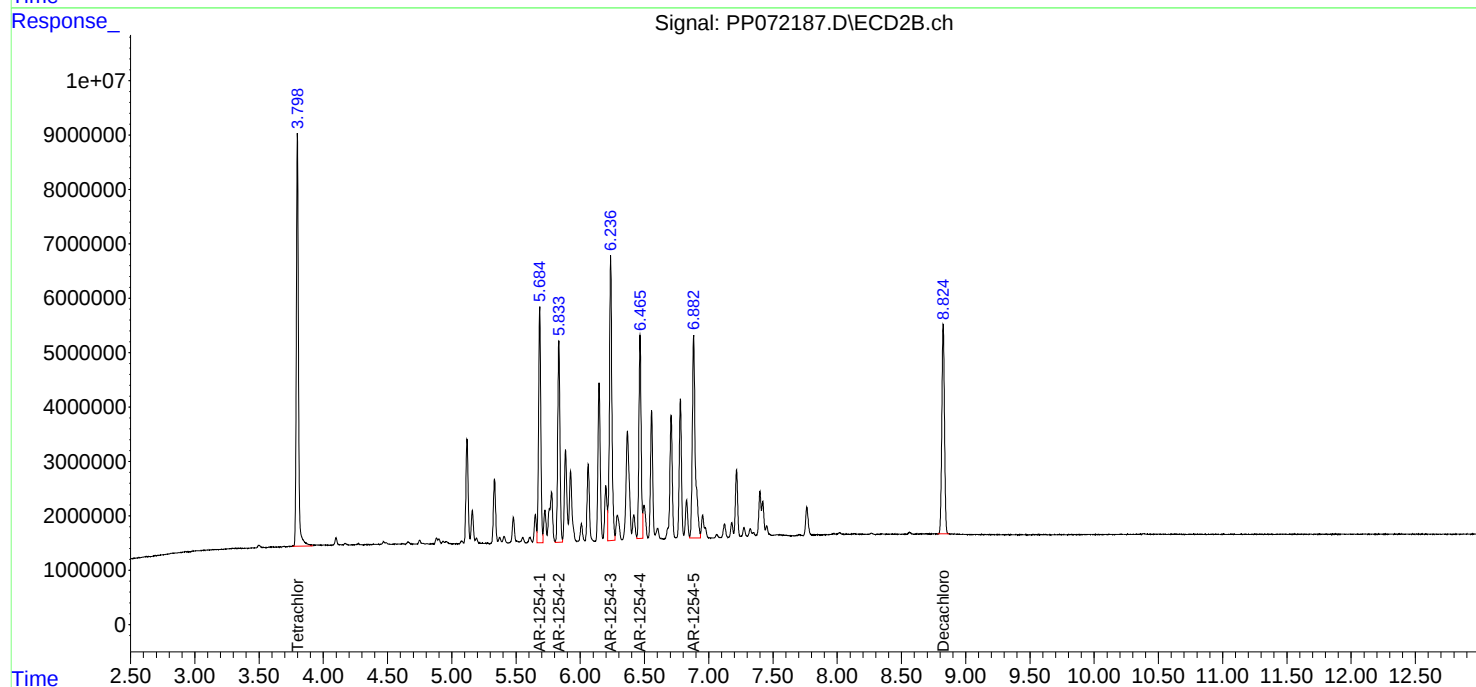
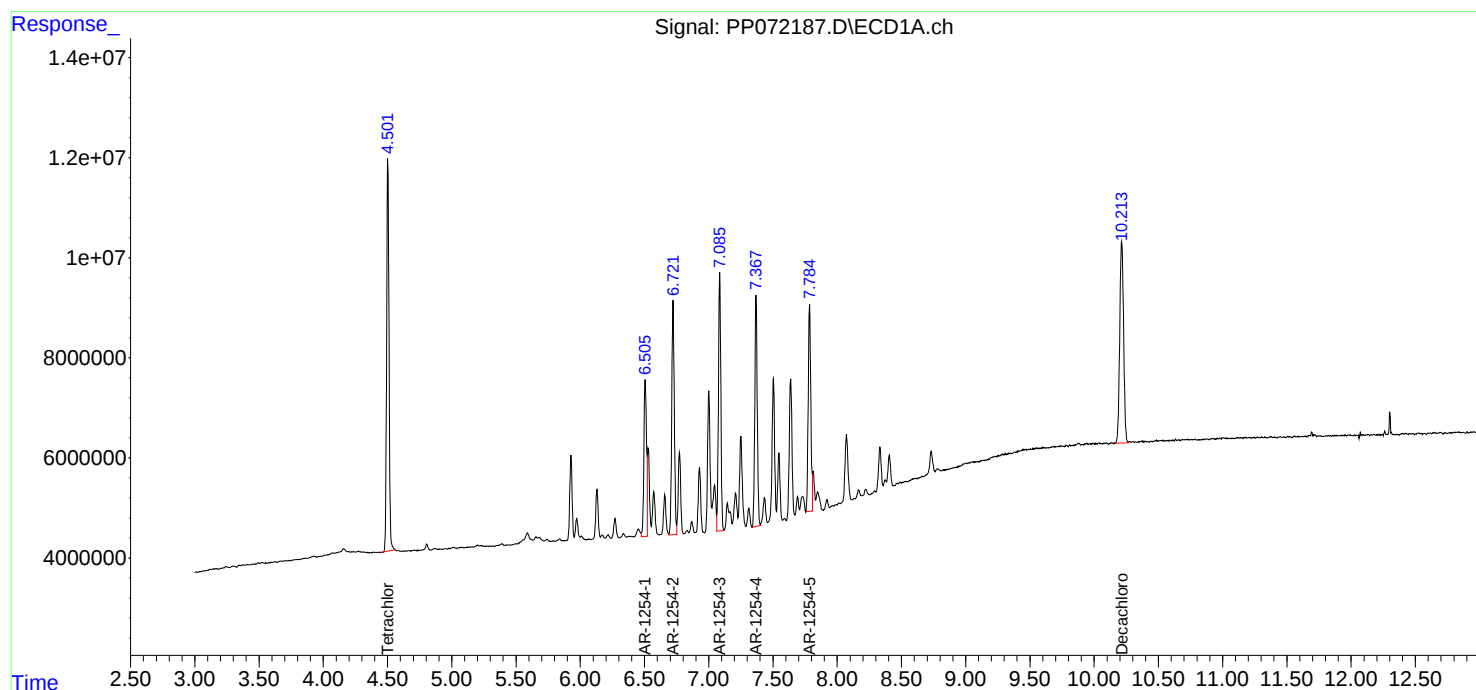
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
Data File : PP072187.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 May 2025 16:14  
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: May 19 17:52:57 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon May 19 17:50:53 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
 Data File : PP072188.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 May 2025 16:31  
 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: May 19 18:03:22 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon May 19 17:59:19 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...          | 4.503  | 3.798 | 51747510 | 42581151 | 26.134  | 25.594  |
| 2) SA Decachlor...          | 10.215 | 8.825 | 42700529 | 30290967 | 25.932  | 27.218  |
| Target Compounds            |        |       |          |          |         |         |
| 26) L6 AR-1254-1            | 6.506  | 5.685 | 22921007 | 27395223 | 268.725 | 278.433 |
| 27) L6 AR-1254-2            | 6.722  | 5.833 | 33636773 | 23446738 | 263.485 | 277.554 |
| 28) L6 AR-1254-3            | 7.085  | 6.237 | 34246078 | 35238769 | 261.967 | 270.959 |
| 29) L6 AR-1254-4            | 7.369  | 6.465 | 34017428 | 23090909 | 274.698 | 272.930 |
| 30) L6 AR-1254-5            | 7.785  | 6.883 | 29284530 | 30214333 | 258.327 | 264.854 |
| -----                       |        |       |          |          |         |         |

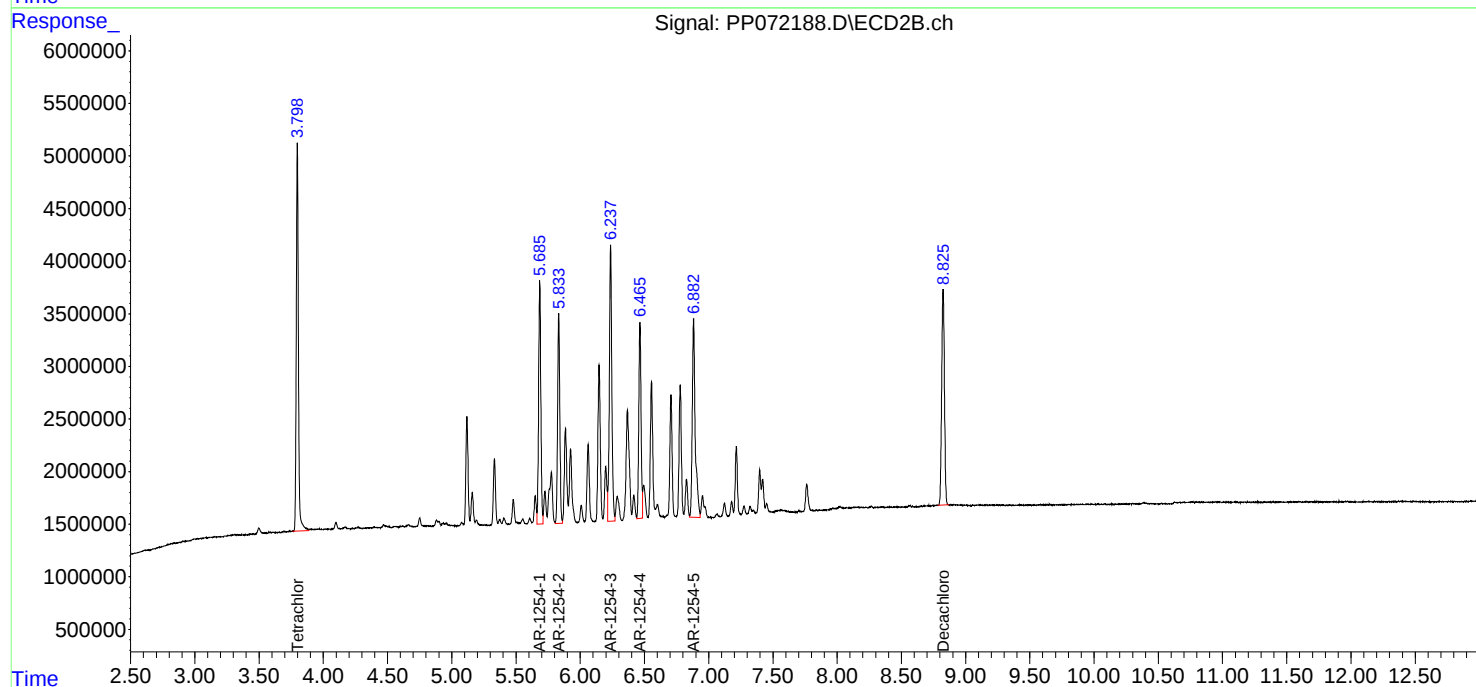
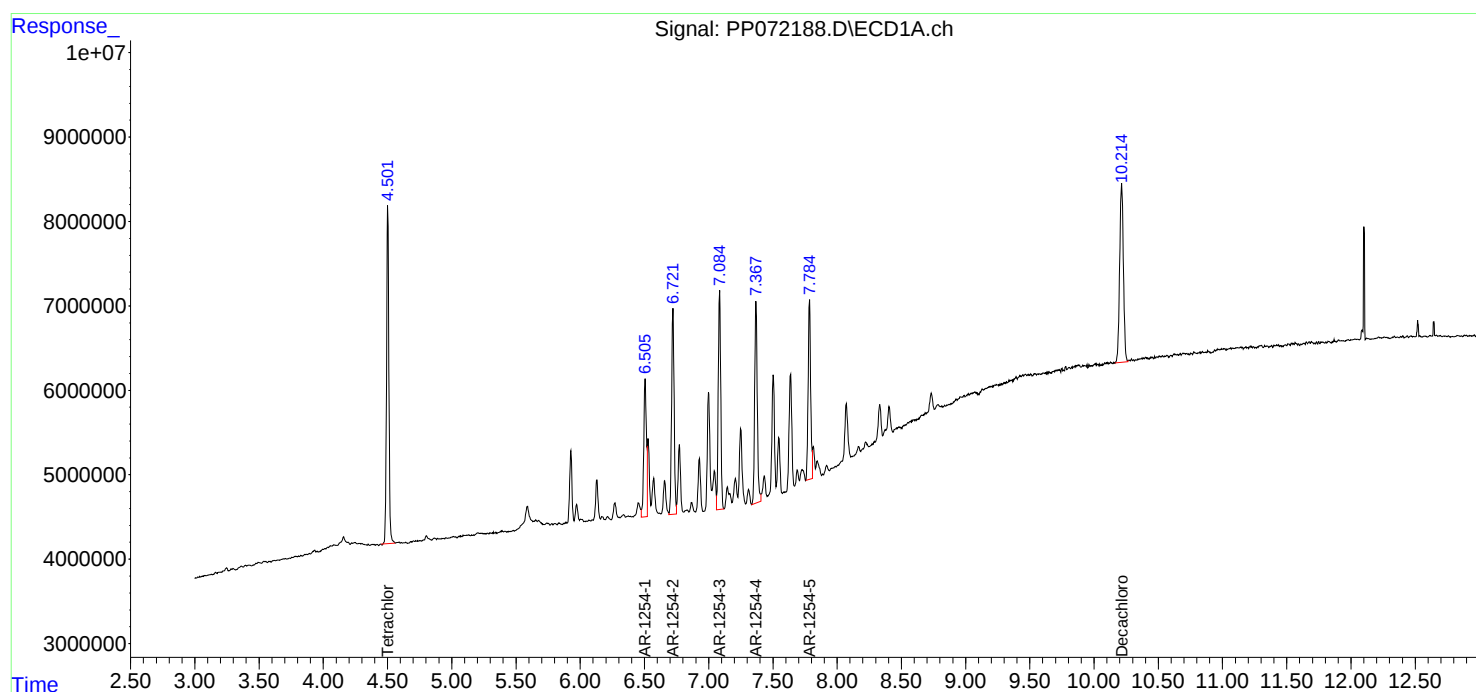
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
Data File : PP072188.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 May 2025 16:31  
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: May 19 18:03:22 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon May 19 17:59:19 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\PP051925\  
 Data File : PP072189.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 May 2025 16:47  
 Operator : YP\AJ  
 Sample : AR1254ICC050  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1254ICC050

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 05/20/2025  
 Supervised By :mohammad ahmed 05/22/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 19 18:06:54 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Mon May 19 17:59:19 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...          | 4.503  | 3.797 | 8087682 | 6971899 | 4.231m  | 4.331m  |
| 2) SA Decachlor...          | 10.218 | 8.826 | 7375422 | 5691115 | 4.574   | 5.091   |
| Target Compounds            |        |       |         |         |         |         |
| 26) L6 AR-1254-1            | 6.507  | 5.686 | 4441722 | 5310413 | 51.935m | 53.128  |
| 27) L6 AR-1254-2            | 6.724  | 5.834 | 7137094 | 4681467 | 54.616  | 54.242  |
| 28) L6 AR-1254-3            | 7.088  | 6.237 | 6855410 | 6144757 | 51.934  | 47.774  |
| 29) L6 AR-1254-4            | 7.370  | 6.466 | 7860526 | 4403320 | 60.049m | 52.100m |
| 30) L6 AR-1254-5            | 7.788  | 6.883 | 5139236 | 5522061 | 46.197  | 48.716  |
| -----                       |        |       |         |         |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
Data File : PP072189.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 May 2025 16:47  
Operator : YP\AJ  
Sample : AR1254ICC050  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

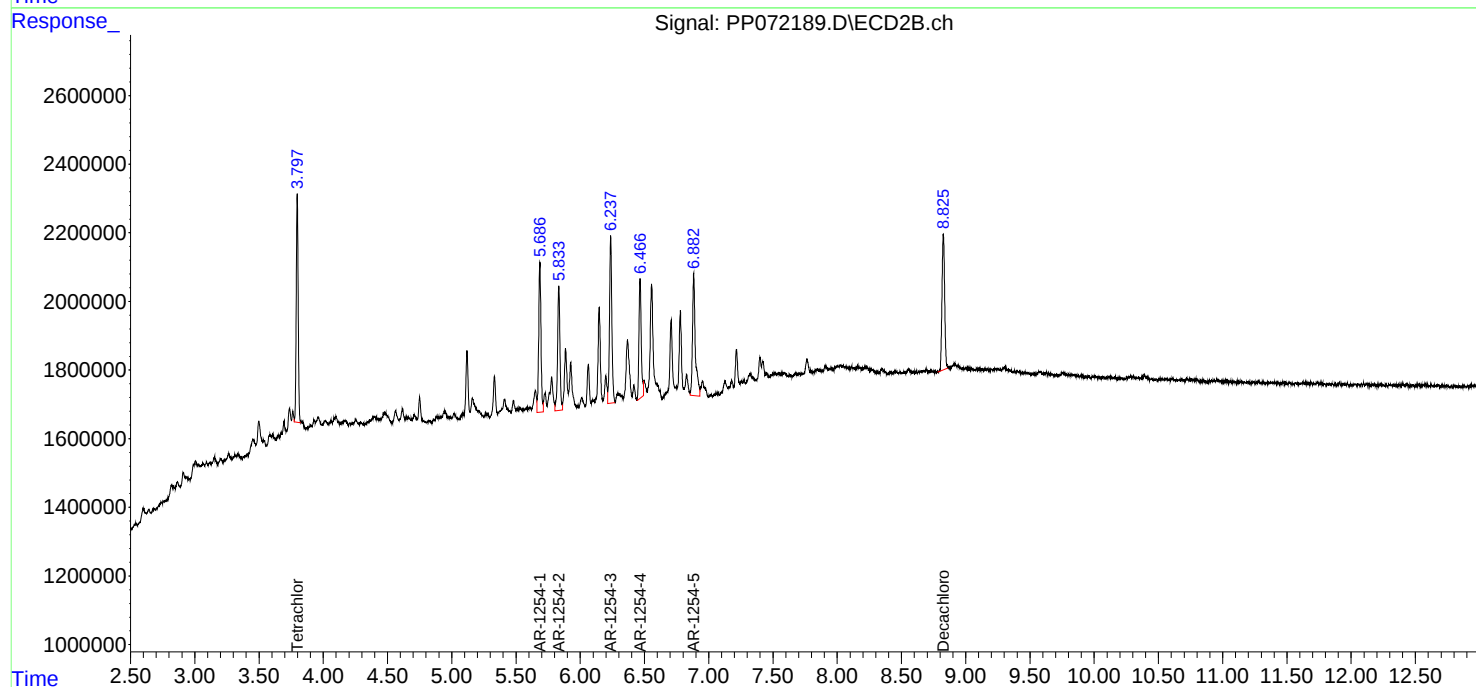
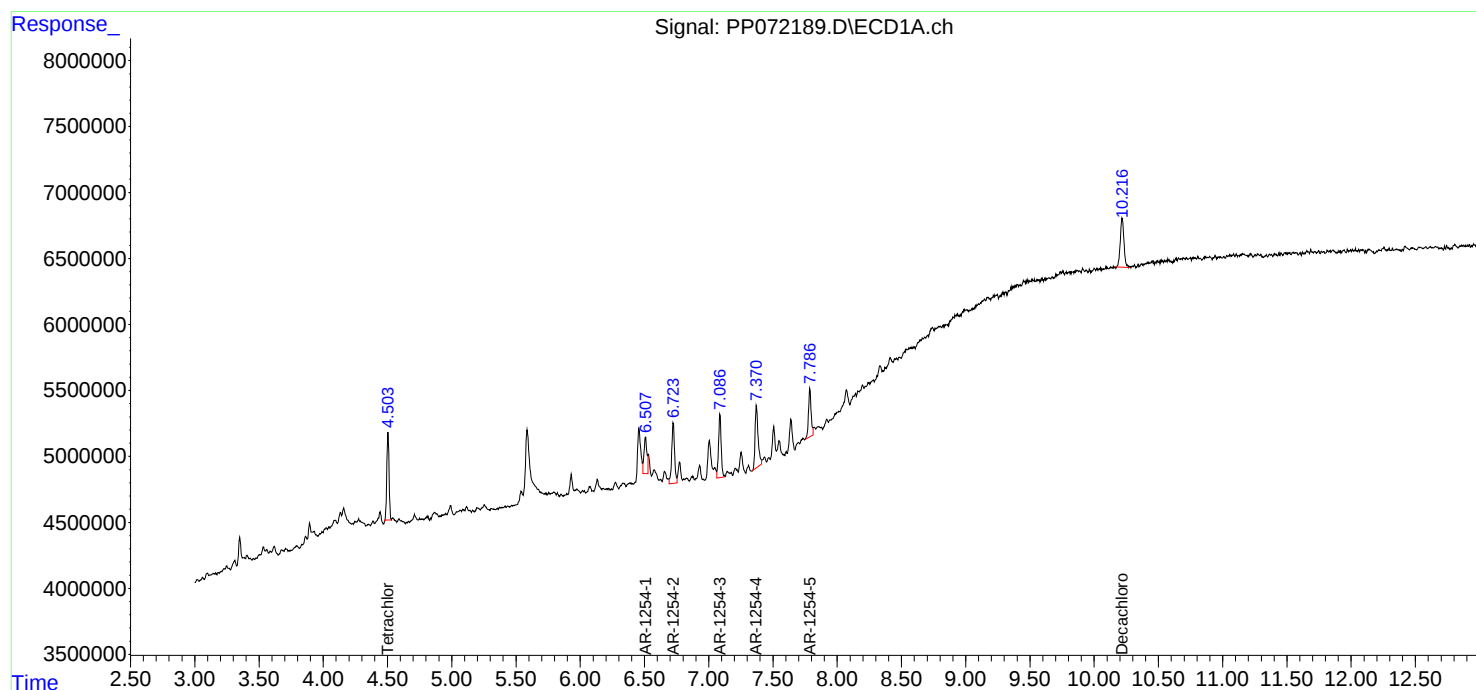
Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC050

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 05/20/2025  
Supervised By :mohammad ahmed 05/22/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 19 18:06:54 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Mon May 19 17:59:19 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
 Data File : PP072190.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 May 2025 17:03  
 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: May 20 02:51:17 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue May 20 02:50:27 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...          | 4.503  | 3.798 | 91392014 | 72543788 | 50.000  | 50.000  |
| 2) SA Decachlor...          | 10.218 | 8.826 | 79498650 | 53689400 | 50.000  | 50.000  |
| Target Compounds            |        |       |          |          |         |         |
| 36) L8 AR-1262-1            | 8.088  | 6.920 | 66622555 | 56514187 | 500.000 | 500.000 |
| 37) L8 AR-1262-2            | 8.408  | 7.179 | 136.2E6  | 48563462 | 500.000 | 500.000 |
| 38) L8 AR-1262-3            | 8.724  | 7.703 | 92764853 | 40765600 | 500.000 | 500.000 |
| 39) L8 AR-1262-4            | 8.809  | 7.767 | 67140472 | 70312088 | 500.000 | 500.000 |
| 40) L8 AR-1262-5            | 9.464  | 8.267 | 46230270 | 32541912 | 500.000 | 500.000 |
| -----                       |        |       |          |          |         |         |

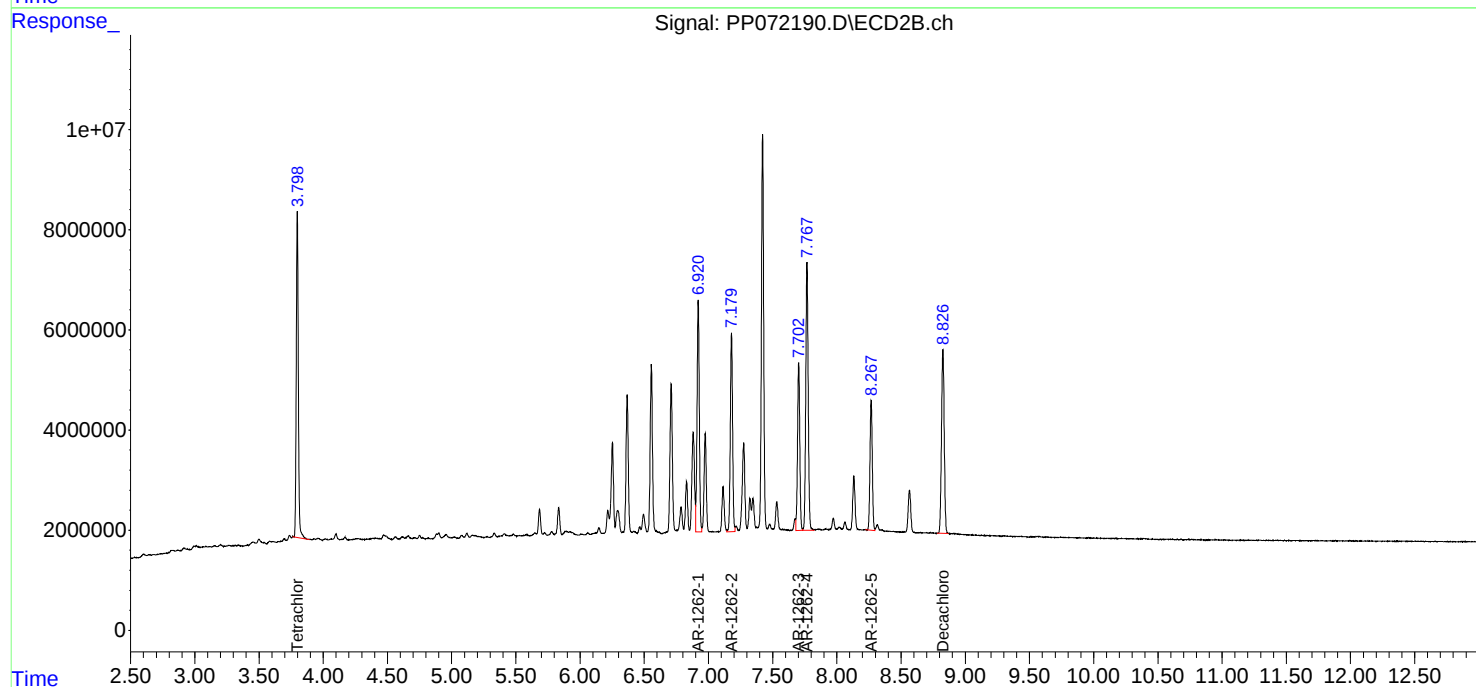
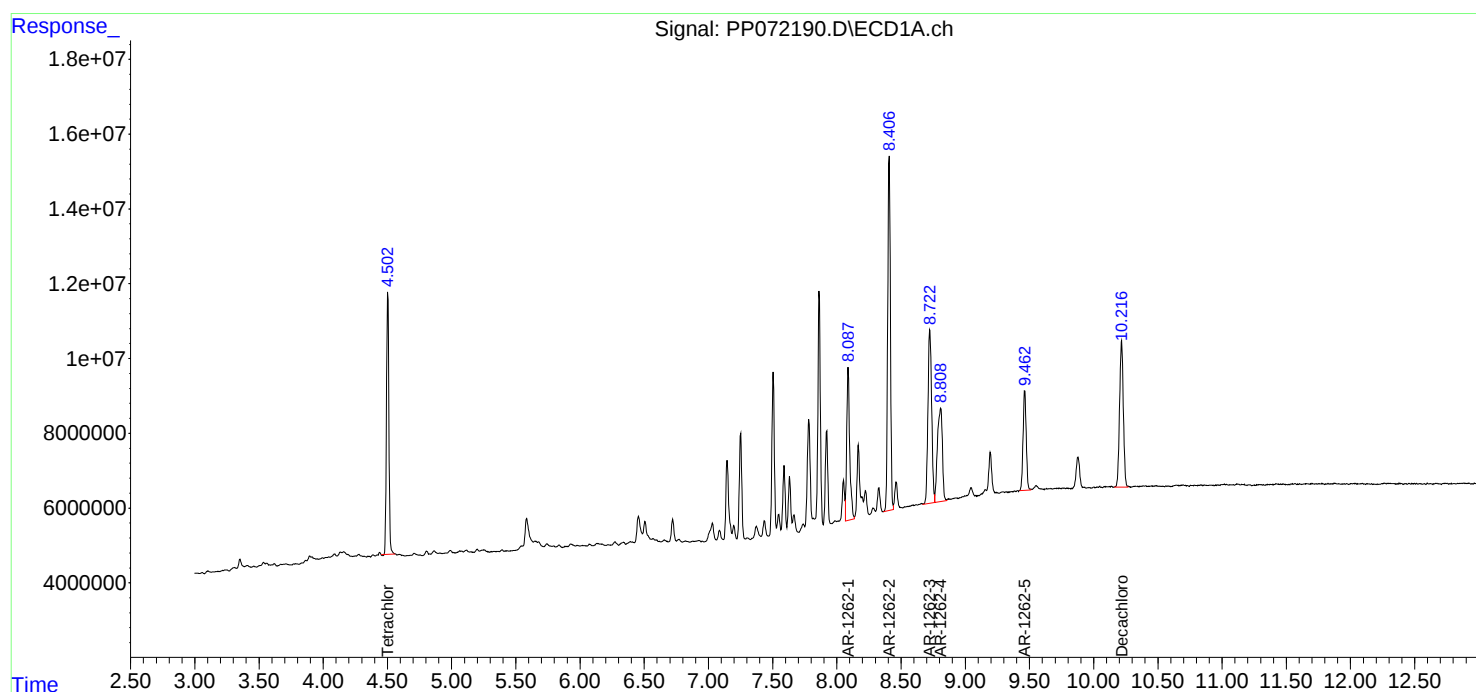
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
Data File : PP072190.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 May 2025 17:03  
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: May 20 02:51:17 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue May 20 02:50:27 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
 Data File : PP072191.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 May 2025 17:20  
 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: May 20 03:11:05 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue May 20 03:10:31 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...          | 4.501  | 3.797 | 185.0E6 | 158.2E6  | 92.680  | 95.879  |
| 2) SA Decachlor...          | 10.215 | 8.825 | 273.4E6 | 175.4E6  | 93.047  | 92.198  |
| Target Compounds            |        |       |         |          |         |         |
| 41) L9 AR-1268-1            | 8.718  | 7.702 | 315.7E6 | 212.6E6  | 935.036 | 901.670 |
| 42) L9 AR-1268-2            | 8.810  | 7.768 | 265.9E6 | 188.5E6  | 932.233 | 904.684 |
| 43) L9 AR-1268-3            | 9.041  | 7.971 | 228.0E6 | 155.2E6  | 921.986 | 888.508 |
| 44) L9 AR-1268-4            | 9.460  | 8.265 | 101.4E6 | 67370219 | 939.092 | 900.009 |
| 45) L9 AR-1268-5            | 9.876  | 8.565 | 651.5E6 | 431.1E6  | 948.441 | 943.171 |
| -----                       |        |       |         |          |         |         |

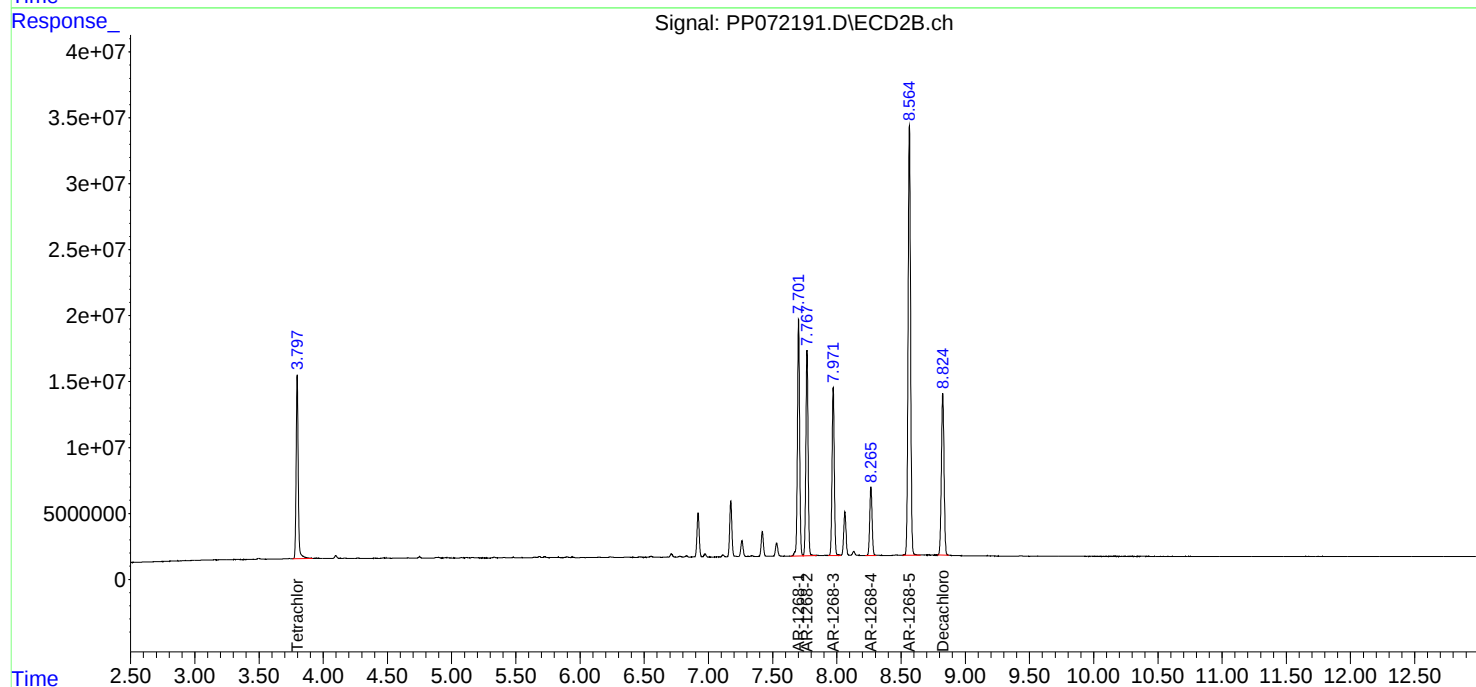
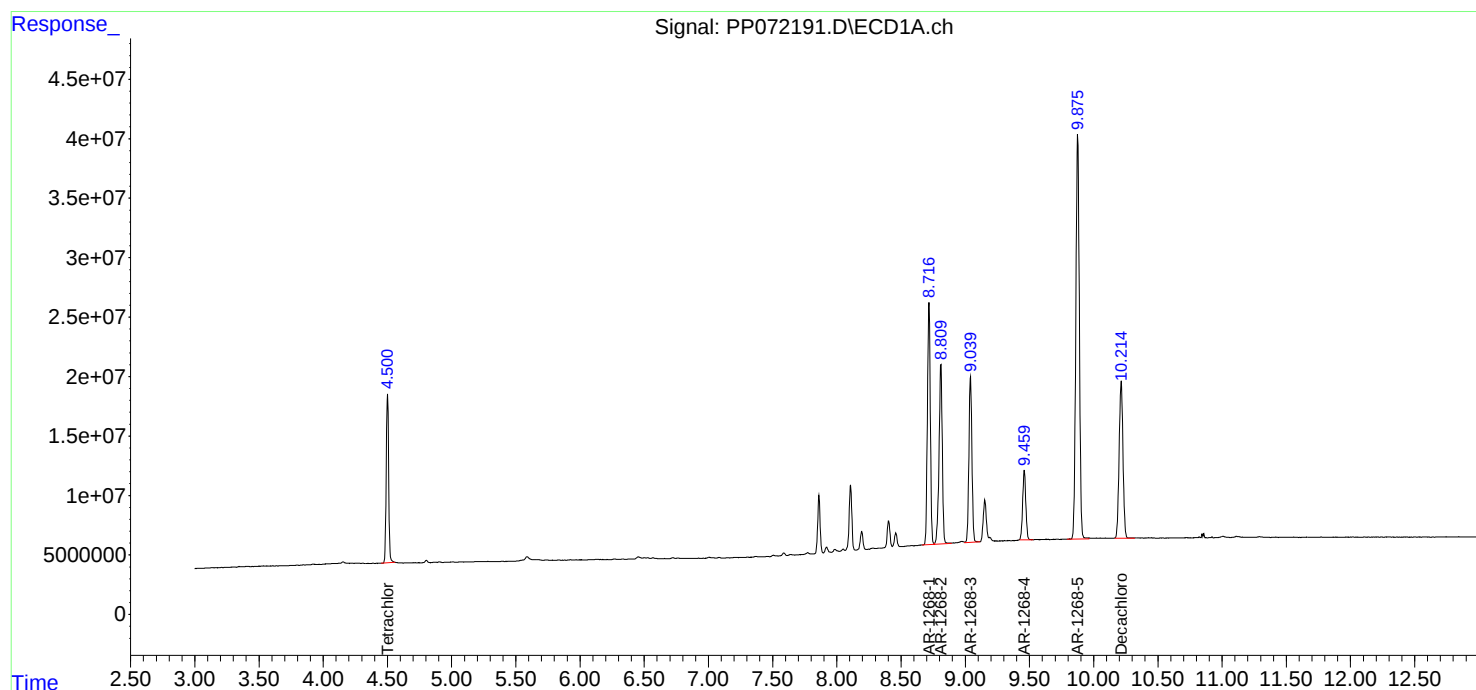
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
Data File : PP072191.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 May 2025 17:20  
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: May 20 03:11:05 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue May 20 03:10:31 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\PP051925\  
 Data File : PP072192.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 May 2025 17:36  
 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: May 20 03:11:29 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue May 20 03:10:31 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...          | 4.506  | 3.799 | 142.5E6  | 120.3E6  | 71.406  | 72.929  |
| 2) SA Decachlor...          | 10.220 | 8.826 | 211.2E6  | 136.5E6  | 71.876  | 71.762  |
|                             |        |       |          |          |         |         |
| Target Compounds            |        |       |          |          |         |         |
| 41) L9 AR-1268-1            | 8.722  | 7.704 | 242.2E6  | 166.8E6  | 717.436 | 707.258 |
| 42) L9 AR-1268-2            | 8.815  | 7.770 | 204.3E6  | 147.7E6  | 716.226 | 708.741 |
| 43) L9 AR-1268-3            | 9.047  | 7.973 | 176.3E6  | 120.8E6  | 713.088 | 691.459 |
| 44) L9 AR-1268-4            | 9.464  | 8.267 | 78574325 | 53264333 | 727.753 | 711.566 |
| 45) L9 AR-1268-5            | 9.880  | 8.568 | 500.4E6  | 332.1E6  | 728.402 | 726.669 |
| -----                       |        |       |          |          |         |         |

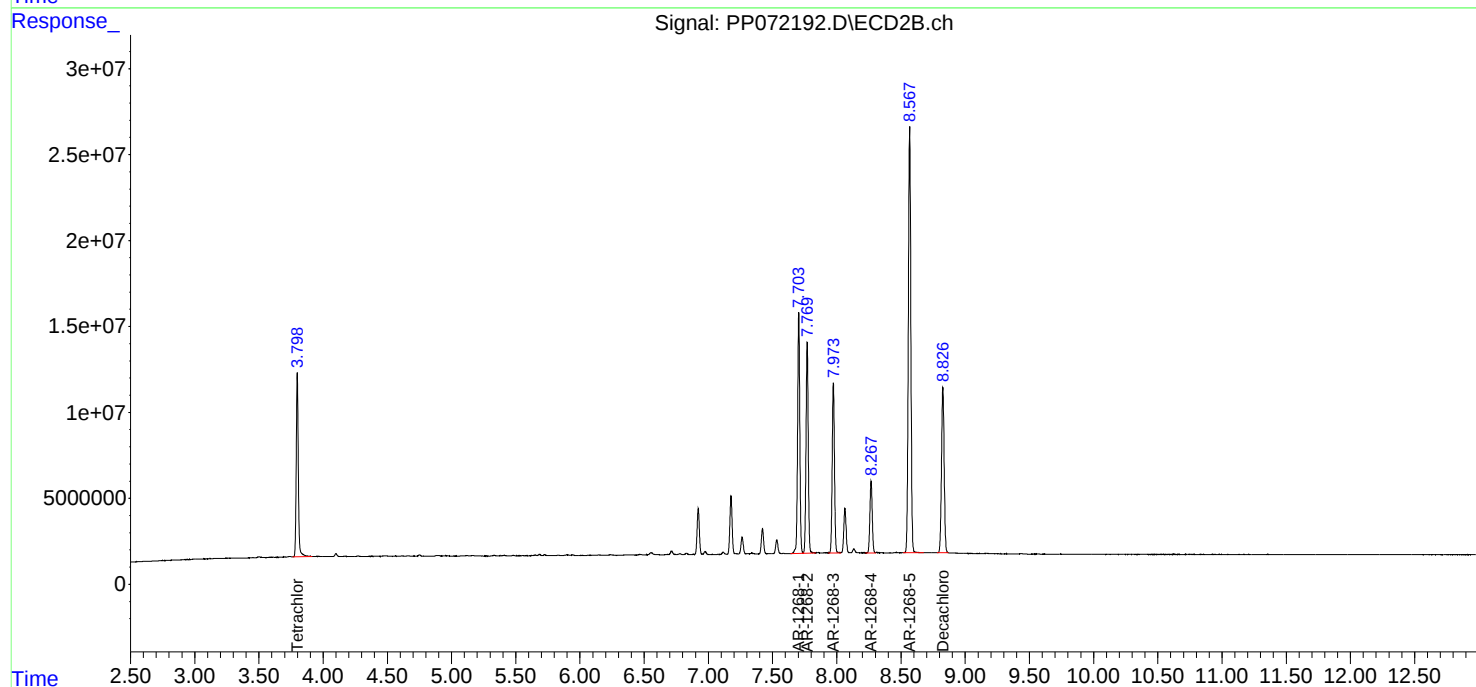
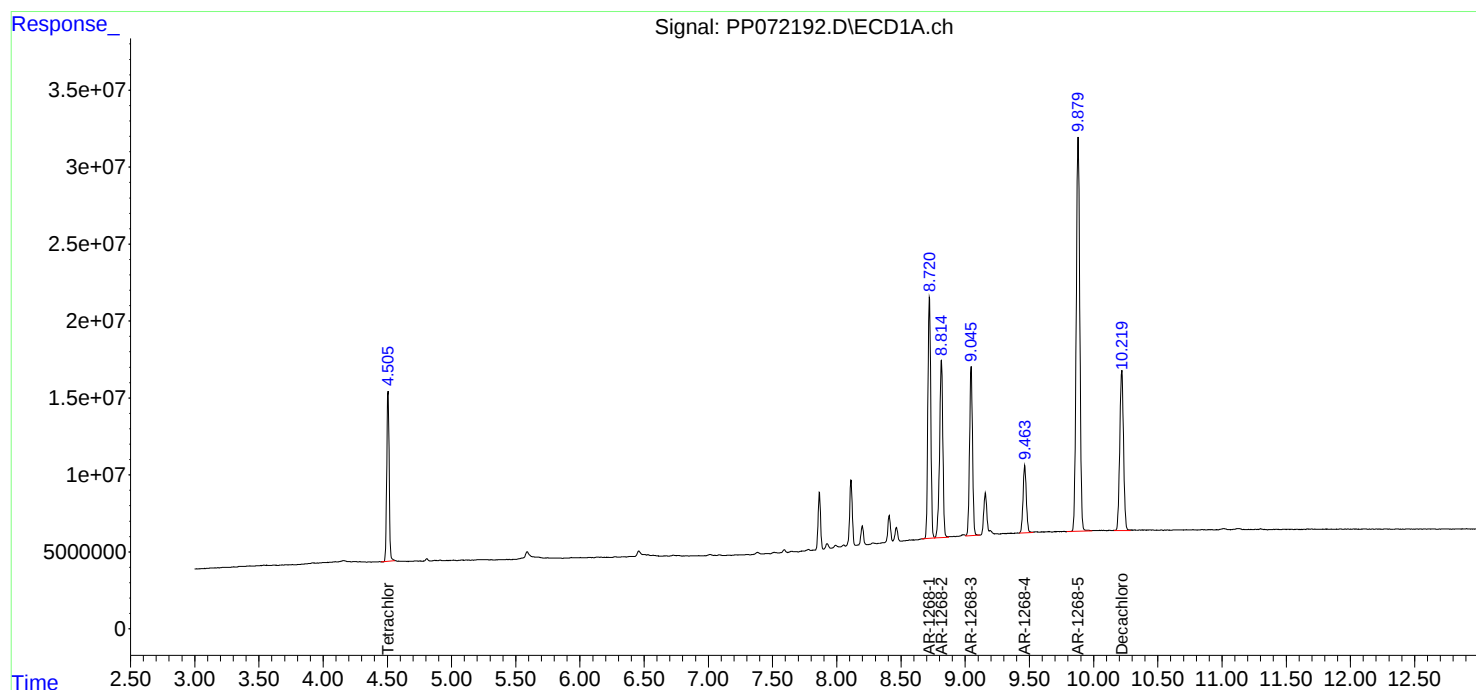
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
Data File : PP072192.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 May 2025 17:36  
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: May 20 03:11:29 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue May 20 03:10:31 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
 Data File : PP072193.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 May 2025 17:53  
 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: May 20 03:11:49 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue May 20 03:10:31 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...          | 4.502  | 3.799 | 99784961 | 82481825 | 50.000  | 50.000  |
| 2) SA Decachlor...          | 10.215 | 8.826 | 146.9E6  | 95120098 | 50.000  | 50.000  |
| Target Compounds            |        |       |          |          |         |         |
| 41) L9 AR-1268-1            | 8.719  | 7.703 | 168.8E6  | 117.9E6  | 500.000 | 500.000 |
| 42) L9 AR-1268-2            | 8.812  | 7.769 | 142.6E6  | 104.2E6  | 500.000 | 500.000 |
| 43) L9 AR-1268-3            | 9.042  | 7.972 | 123.6E6  | 87334730 | 500.000 | 500.000 |
| 44) L9 AR-1268-4            | 9.461  | 8.267 | 53984174 | 37427536 | 500.000 | 500.000 |
| 45) L9 AR-1268-5            | 9.876  | 8.566 | 343.5E6  | 228.5E6  | 500.000 | 500.000 |
| -----                       |        |       |          |          |         |         |

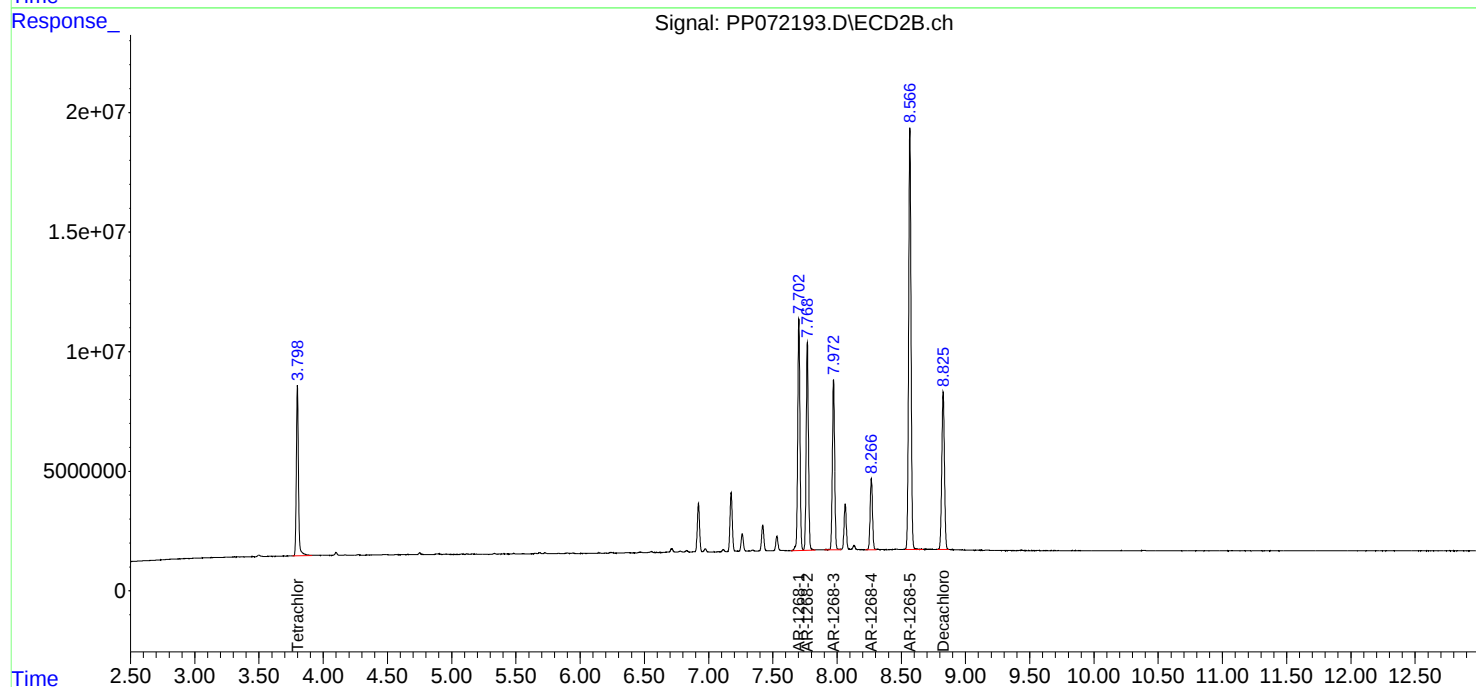
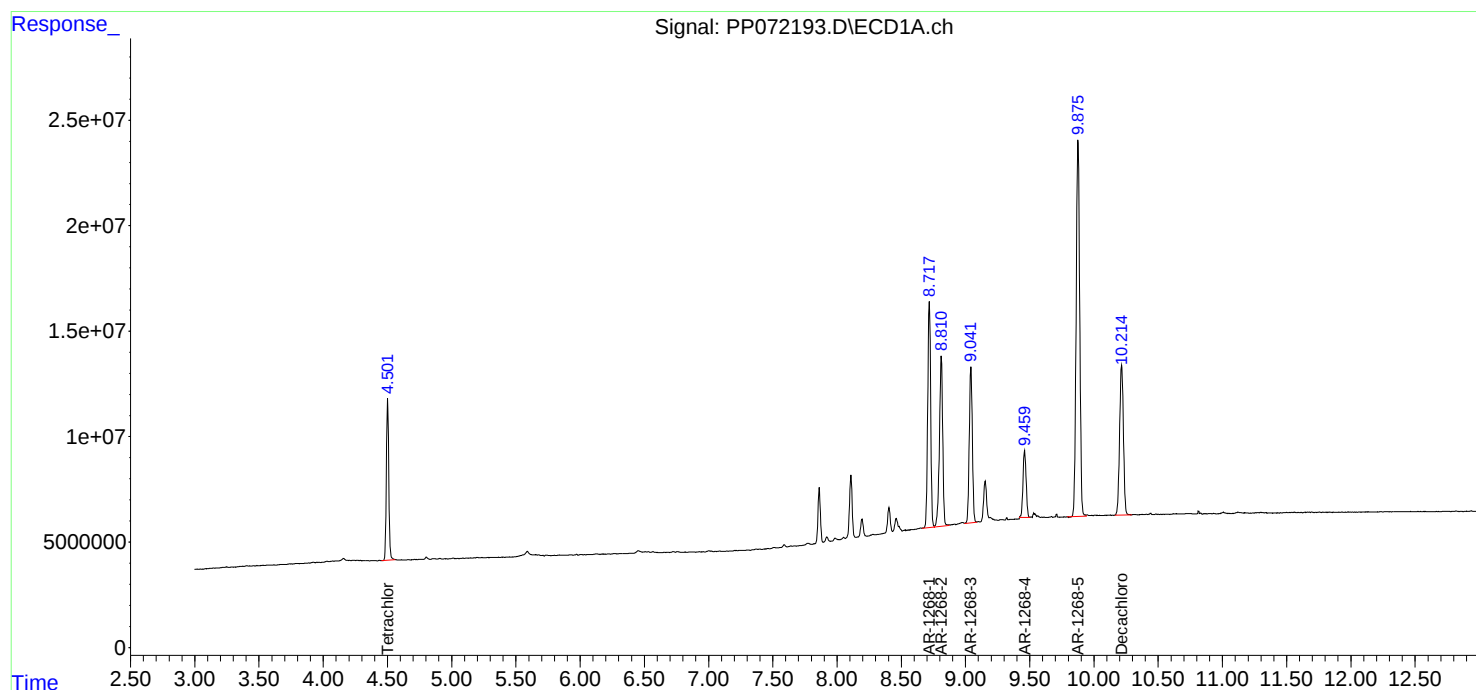
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
Data File : PP072193.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 May 2025 17:53  
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: May 20 03:11:49 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue May 20 03:10:31 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\PP051925\  
 Data File : PP072194.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 May 2025 18:09  
 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: May 20 03:12:13 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue May 20 03:10:31 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...          | 4.501  | 3.797 | 51365767 | 41558561 | 25.738  | 25.193  |
| 2) SA Decachlor...          | 10.214 | 8.824 | 75968459 | 49150807 | 25.857  | 25.836  |
|                             |        |       |          |          |         |         |
| Target Compounds            |        |       |          |          |         |         |
| 41) L9 AR-1268-1            | 8.717  | 7.702 | 87839198 | 60916157 | 260.167 | 258.370 |
| 42) L9 AR-1268-2            | 8.811  | 7.767 | 74121995 | 54415434 | 259.881 | 261.123 |
| 43) L9 AR-1268-3            | 9.040  | 7.971 | 63936897 | 44168578 | 258.592 | 252.869 |
| 44) L9 AR-1268-4            | 9.459  | 8.265 | 27090074 | 19140648 | 250.908 | 255.703 |
| 45) L9 AR-1268-5            | 9.875  | 8.565 | 176.6E6  | 115.4E6  | 257.058 | 252.589 |
| -----                       |        |       |          |          |         |         |

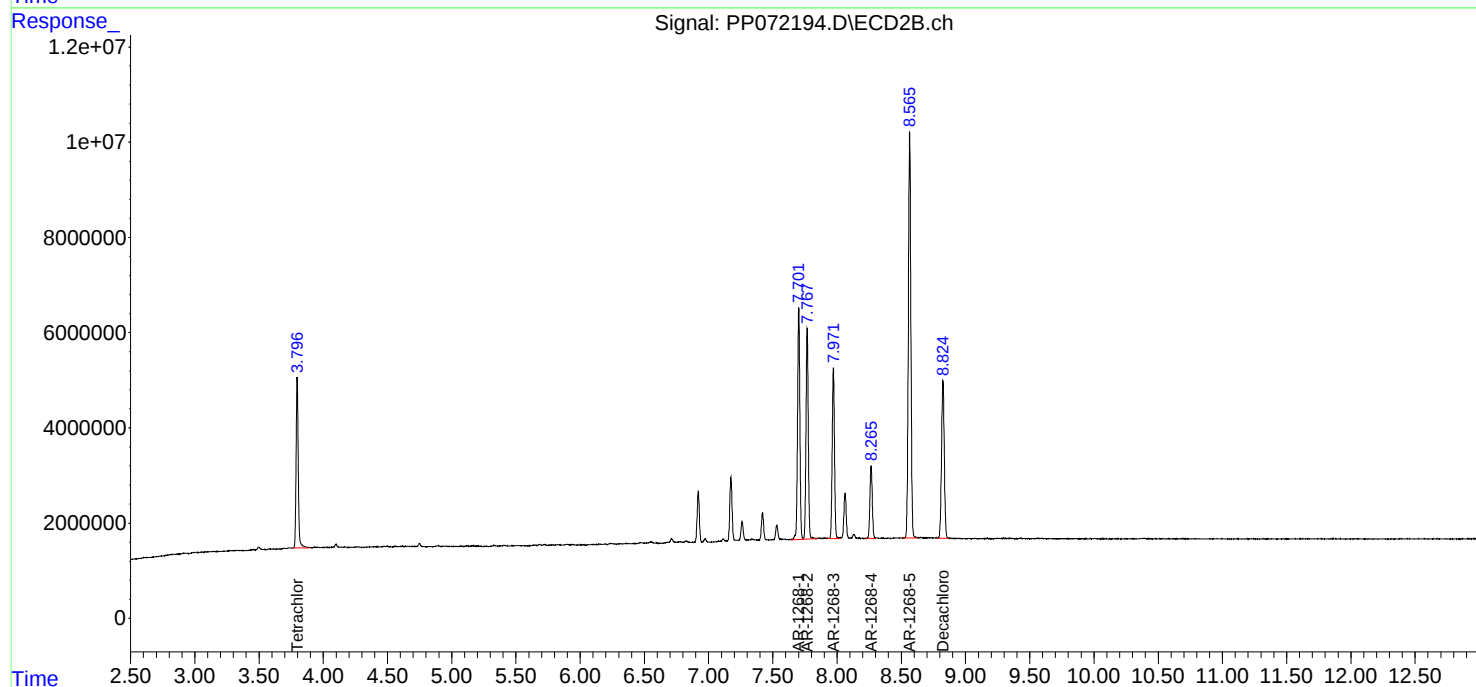
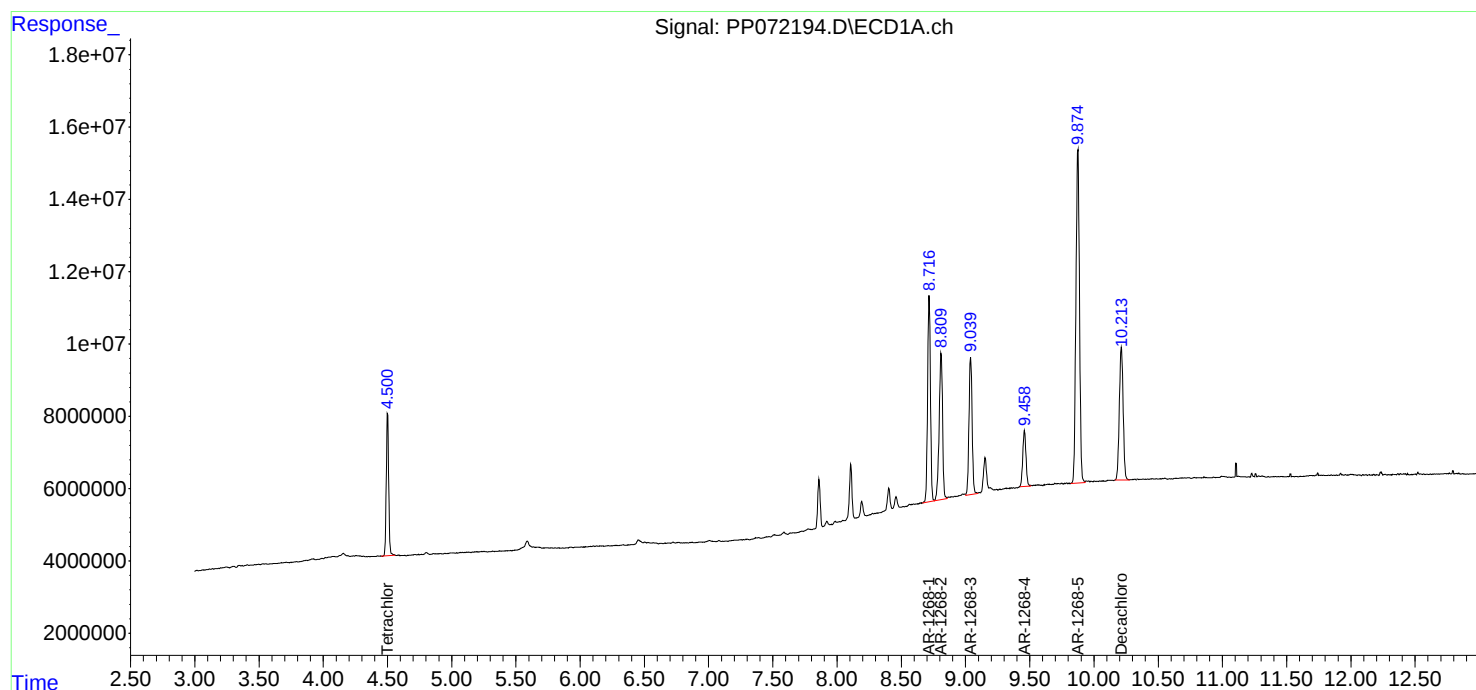
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
Data File : PP072194.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 May 2025 18:09  
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: May 20 03:12:13 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue May 20 03:10:31 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
 Data File : PP072195.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 May 2025 18:25  
 Operator : YP\AJ  
 Sample : AR1268ICC050  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1268ICC050

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 05/20/2025  
 Supervised By :mohammad ahmed 05/22/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 20 03:12:34 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue May 20 03:10:31 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...          | 4.503  | 3.797 | 8721682  | 7491150  | 4.370m  | 4.541  |
| 2) SA Decachlor...          | 10.218 | 8.823 | 13183771 | 10651243 | 4.487   | 5.599  |
| Target Compounds            |        |       |          |          |         |        |
| 41) L9 AR-1268-1            | 8.720  | 7.701 | 16905769 | 12836464 | 50.072m | 54.445 |
| 42) L9 AR-1268-2            | 8.814  | 7.768 | 13998978 | 11129718 | 49.082  | 53.408 |
| 43) L9 AR-1268-3            | 9.045  | 7.971 | 12064238 | 8963951  | 48.794  | 51.320 |
| 44) L9 AR-1268-4            | 9.464  | 8.265 | 5112737  | 3748876  | 47.354  | 50.082 |
| 45) L9 AR-1268-5            | 9.878  | 8.565 | 33648372 | 24605969 | 48.982  | 53.838 |
| -----                       |        |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
Data File : PP072195.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 May 2025 18:25  
Operator : YP\AJ  
Sample : AR1268ICC050  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

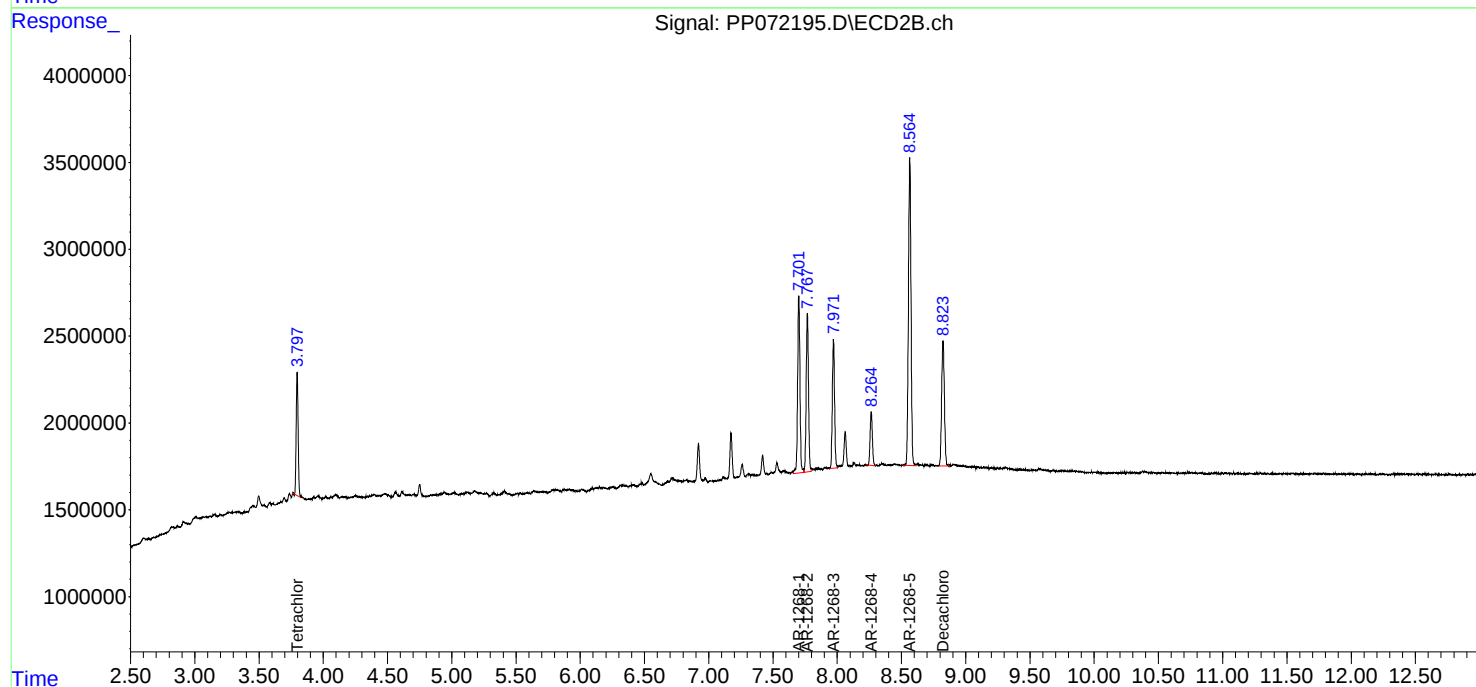
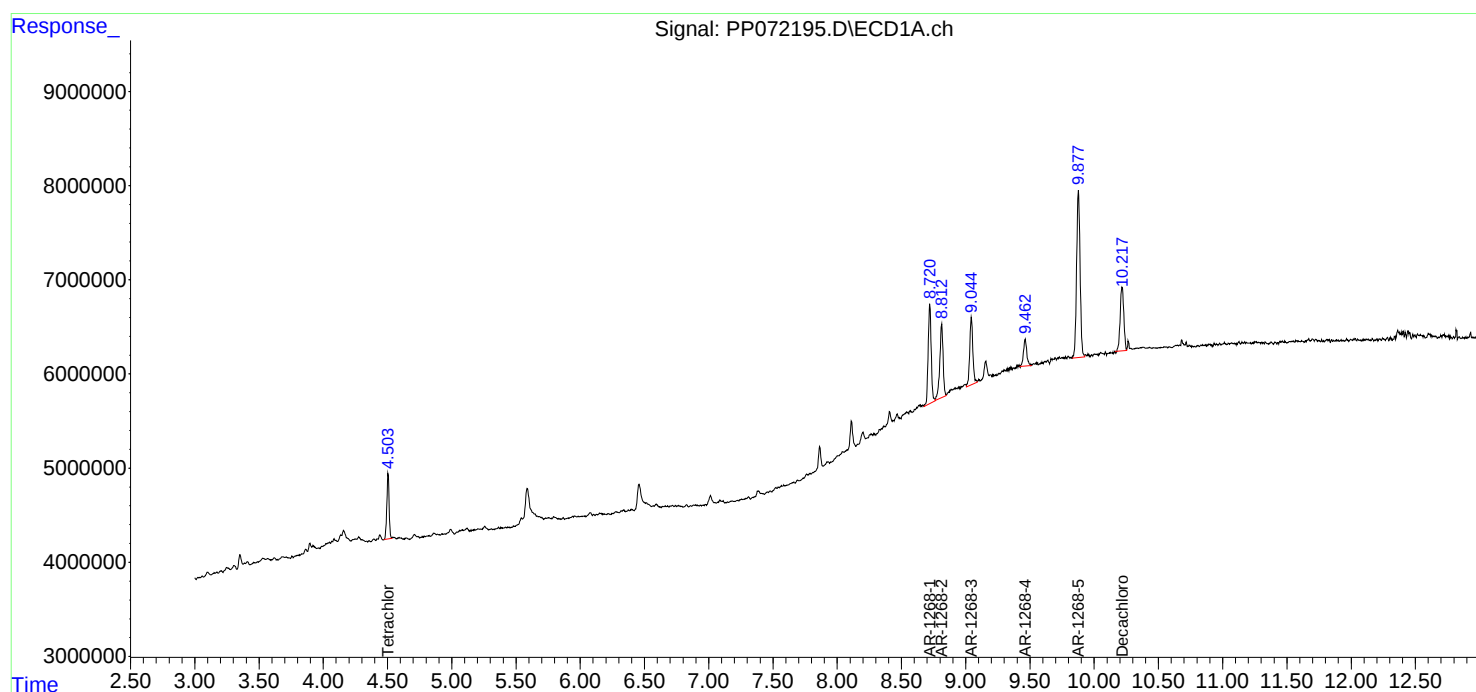
Instrument :  
ECD\_P  
ClientSampleId :  
AR1268ICC050

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 05/20/2025  
Supervised By :mohammad ahmed 05/22/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 20 03:12:34 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue May 20 03:10:31 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
 Data File : PP072196.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 May 2025 18:42  
 Operator : YP\AJ  
 Sample : PP051925ICV500  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 ICVPP051925

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 20 03:36:18 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue May 20 03:29:33 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...          | 4.502  | 3.798 | 95813360 | 75129300 | 47.649  | 47.004  |
| 2) SA Decachlor...          | 10.216 | 8.825 | 78897811 | 55159923 | 48.430  | 52.106  |
| Target Compounds            |        |       |          |          |         |         |
| 3) L1 AR-1016-1             | 5.656  | 4.882 | 34275021 | 28415442 | 456.491 | 462.570 |
| 4) L1 AR-1016-2             | 5.677  | 4.900 | 52043054 | 40409419 | 486.422 | 460.300 |
| 5) L1 AR-1016-3             | 5.739  | 5.077 | 30972988 | 22233290 | 472.402 | 466.552 |
| 6) L1 AR-1016-4             | 5.837  | 5.120 | 26002231 | 17703522 | 488.122 | 465.327 |
| 7) L1 AR-1016-5             | 6.130  | 5.333 | 22892152 | 23633981 | 468.054 | 474.345 |
| 31) L7 AR-1260-1            | 7.250  | 6.367 | 45618683 | 37214670 | 487.406 | 466.620 |
| 32) L7 AR-1260-2            | 7.503  | 6.556 | 68966981 | 45298985 | 480.641 | 446.638 |
| 33) L7 AR-1260-3            | 7.861  | 6.709 | 56600304 | 41944639 | 497.057 | 482.664 |
| 34) L7 AR-1260-4            | 8.086  | 7.179 | 54236593 | 34998898 | 505.455 | 485.483 |
| 35) L7 AR-1260-5            | 8.405  | 7.421 | 116.3E6  | 86272130 | 491.560 | 496.891 |
| -----                       |        |       |          |          |         |         |

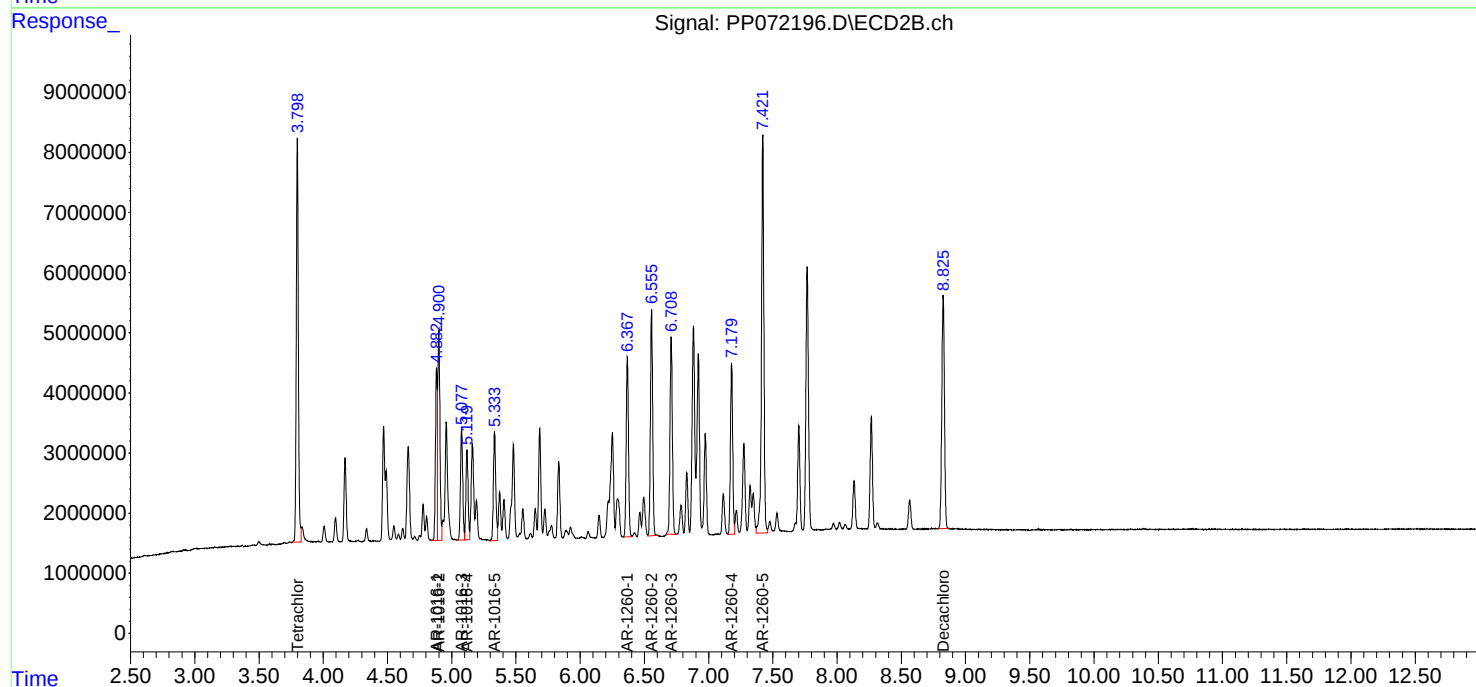
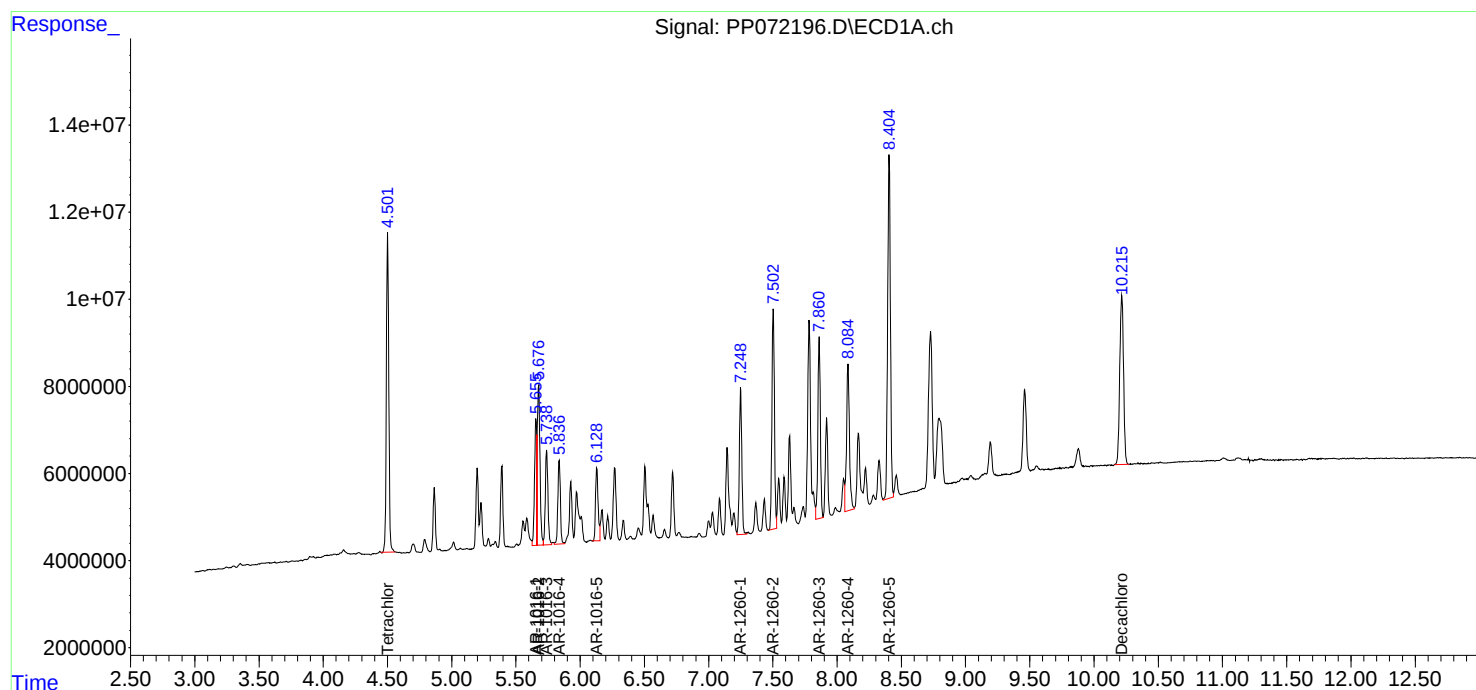
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
Data File : PP072196.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 May 2025 18:42  
Operator : YP\AJ  
Sample : PP051925ICV500  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP051925

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 20 03:36:18 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue May 20 03:29:33 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\PP051925\  
 Data File : PP072197.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 May 2025 19:14  
 Operator : YP\AJ  
 Sample : AR1232ICV500  
 Misc :  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 ICVPP051925AR1232

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 20 03:37:01 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue May 20 03:29:33 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...          | 4.504  | 3.798 | 99088078 | 76822954 | 49.278  | 48.064  |
| 2) SA Decachlor...          | 10.217 | 8.824 | 80208843 | 53006313 | 49.234  | 50.072  |
|                             |        |       |          |          |         |         |
| Target Compounds            |        |       |          |          |         |         |
| 11) L3 AR-1232-1            | 4.867  | 4.169 | 22860124 | 20991950 | 485.266 | 484.304 |
| 12) L3 AR-1232-2            | 5.392  | 4.899 | 11426080 | 20405975 | 490.744 | 461.875 |
| 13) L3 AR-1232-3            | 5.679  | 5.076 | 24392843 | 11207066 | 487.242 | 479.281 |
| 14) L3 AR-1232-4            | 5.839  | 5.159 | 11984156 | 9670115  | 477.474 | 466.701 |
| 15) L3 AR-1232-5            | 5.929  | 5.332 | 8016086  | 10482162 | 457.551 | 452.707 |
| -----                       |        |       |          |          |         |         |

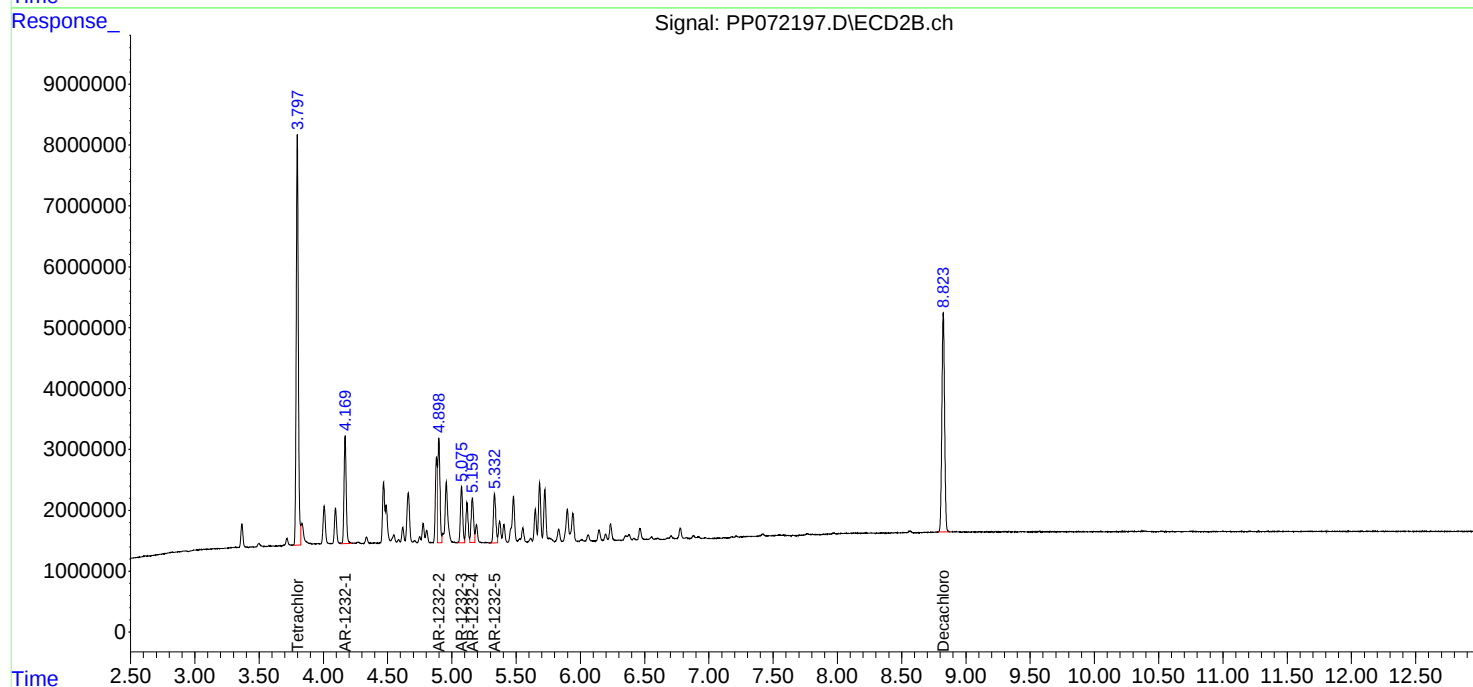
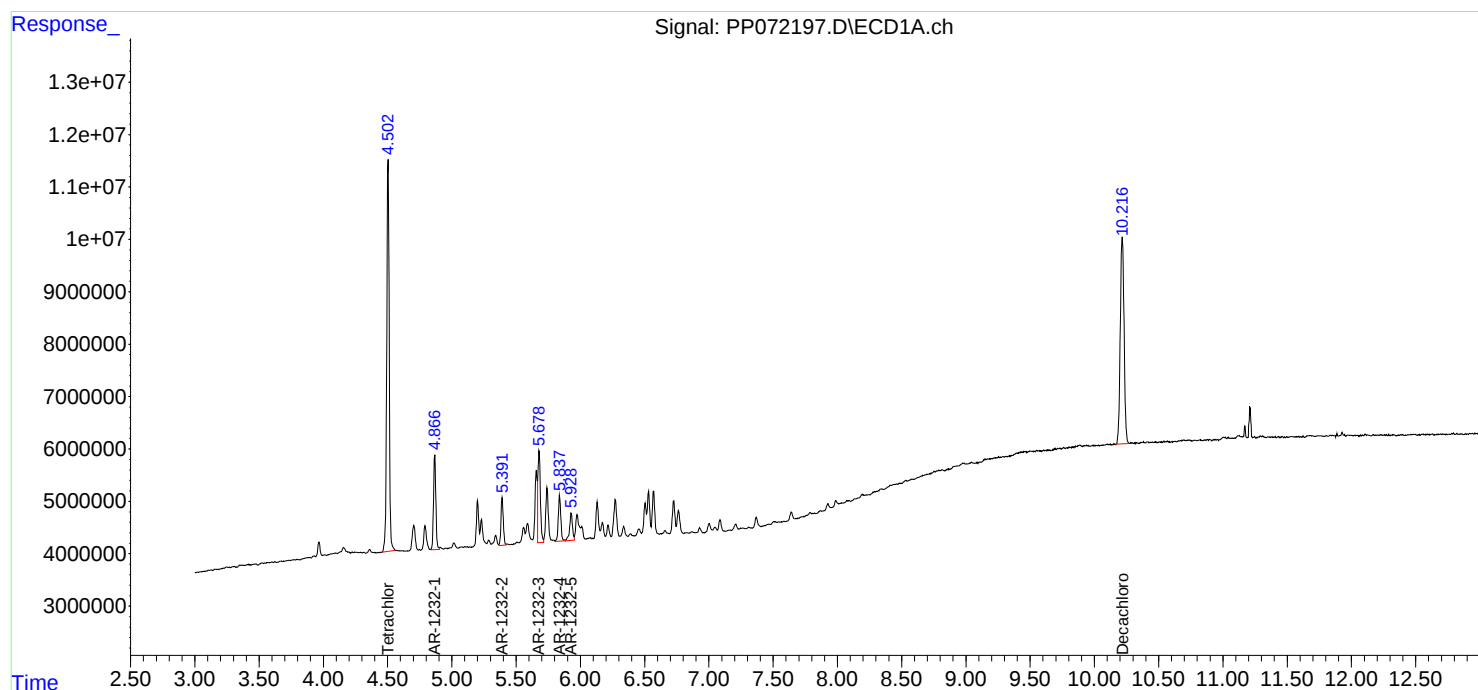
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
Data File : PP072197.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 May 2025 19:14  
Operator : YP\AJ  
Sample : AR1232ICV500  
Misc :  
ALS Vial : 36 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP051925AR1232

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 20 03:37:01 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue May 20 03:29:33 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
 Data File : PP072198.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 May 2025 19:47  
 Operator : YP\AJ  
 Sample : AR1242ICV500  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 ICVPP051925AR1242

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 20 03:37:41 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue May 20 03:29:33 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...          | 4.501  | 3.798 | 96787545 | 76508111 | 48.134  | 47.867  |
| 2) SA Decachlor...          | 10.213 | 8.825 | 81177144 | 55473433 | 49.829  | 52.403  |
|                             |        |       |          |          |         |         |
| Target Compounds            |        |       |          |          |         |         |
| 16) L4 AR-1242-1            | 5.655  | 4.882 | 30009936 | 25988486 | 479.412 | 498.739 |
| 17) L4 AR-1242-2            | 5.676  | 4.900 | 44873042 | 37823387 | 517.091 | 514.630 |
| 18) L4 AR-1242-3            | 5.739  | 5.077 | 26969959 | 20511520 | 489.776 | 524.249 |
| 19) L4 AR-1242-4            | 5.836  | 5.161 | 22146348 | 19605635 | 499.365 | 521.665 |
| 20) L4 AR-1242-5            | 6.567  | 5.684 | 24841123 | 25039100 | 487.226 | 518.863 |
| -----                       |        |       |          |          |         |         |

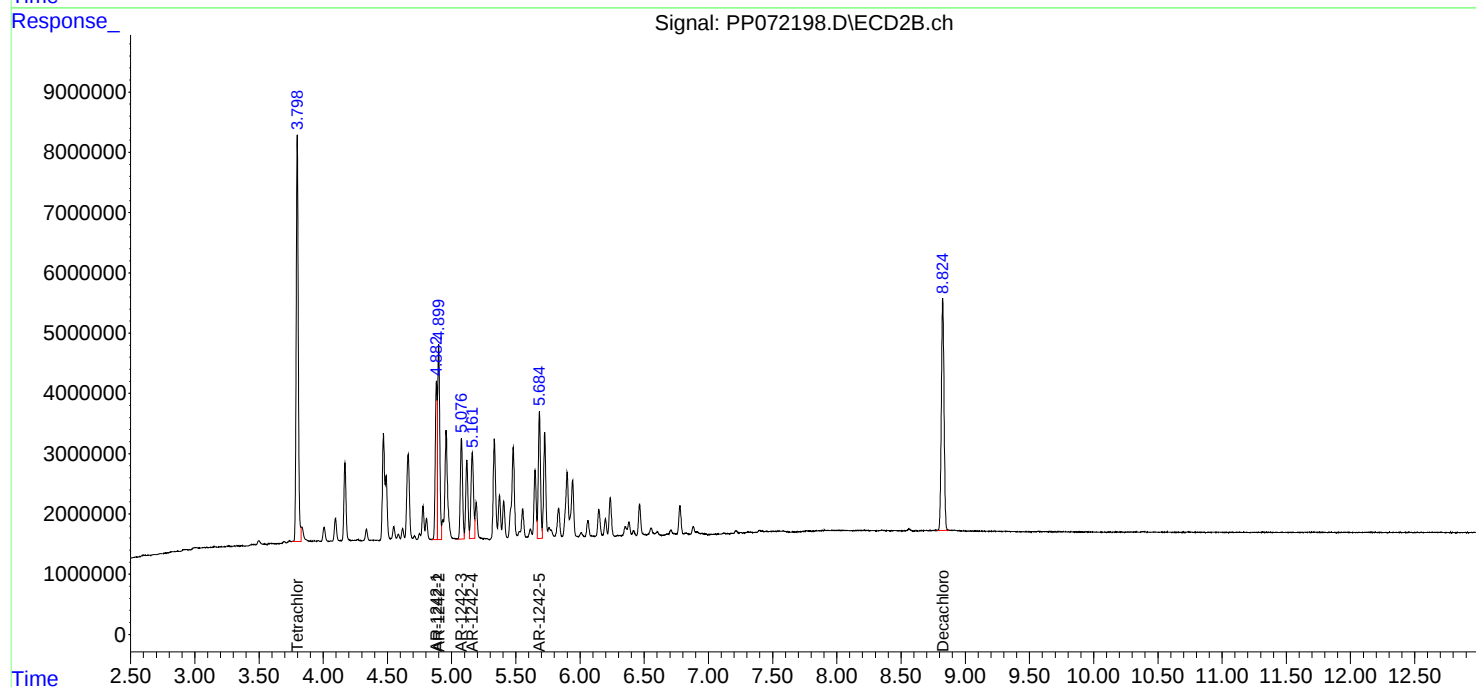
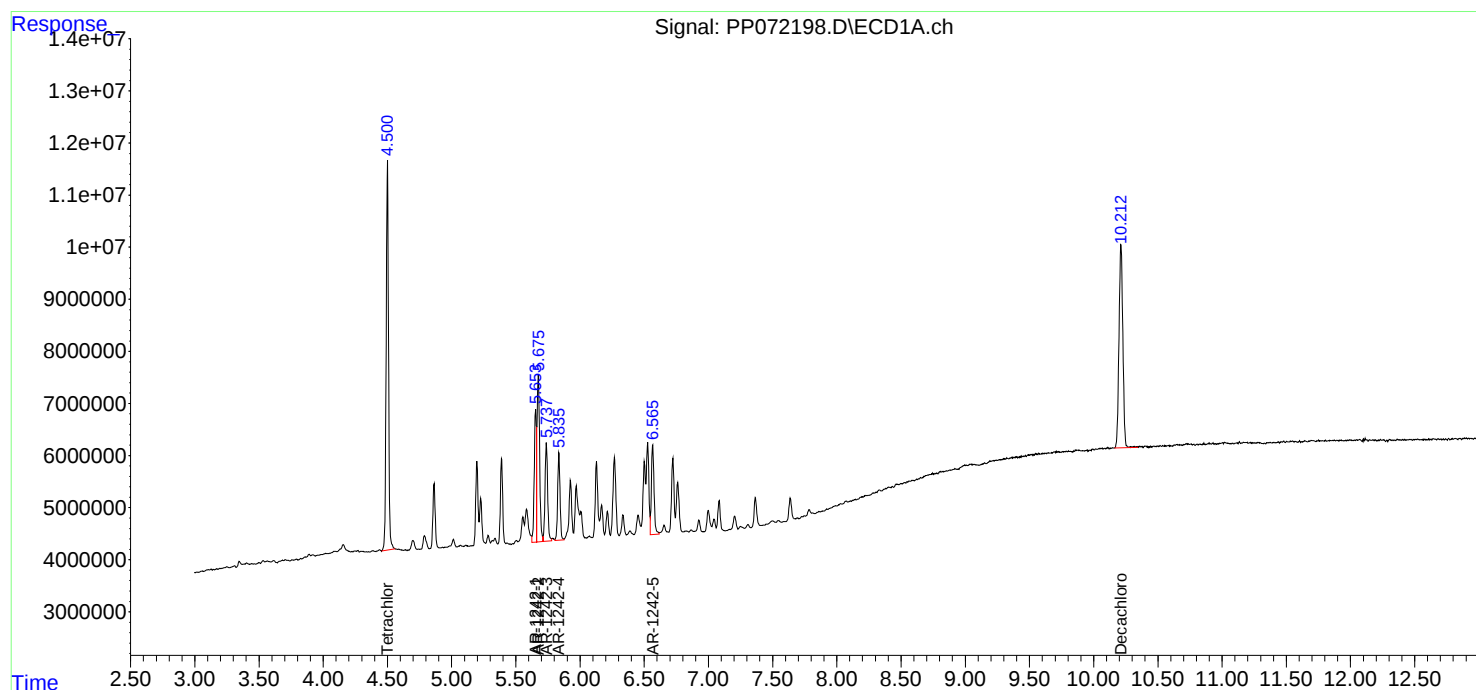
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
Data File : PP072198.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 May 2025 19:47  
Operator : YP\AJ  
Sample : AR1242ICV500  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP051925AR1242

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 20 03:37:41 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue May 20 03:29:33 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
 Data File : PP072199.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 May 2025 20:19  
 Operator : YP\AJ  
 Sample : AR1248ICV500  
 Misc :  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 ICVPP051925AR1248

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 20 03:38:21 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue May 20 03:29:33 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...          | 4.502  | 3.798 | 99024800 | 84569869 | 49.246  | 52.910  |
| 2) SA Decachlor...          | 10.212 | 8.824 | 83034822 | 56507020 | 50.969  | 53.379  |
|                             |        |       |          |          |         |         |
| Target Compounds            |        |       |          |          |         |         |
| 21) L5 AR-1248-1            | 5.656  | 4.881 | 23569496 | 21026666 | 487.019 | 485.362 |
| 22) L5 AR-1248-2            | 5.927  | 5.119 | 30714899 | 27827558 | 506.512 | 492.721 |
| 23) L5 AR-1248-3            | 6.130  | 5.161 | 34359439 | 29174304 | 519.181 | 493.584 |
| 24) L5 AR-1248-4            | 6.529  | 5.333 | 44131890 | 34133080 | 504.987 | 490.046 |
| 25) L5 AR-1248-5            | 6.568  | 5.725 | 42053839 | 34467498 | 506.516 | 494.232 |
| -----                       |        |       |          |          |         |         |

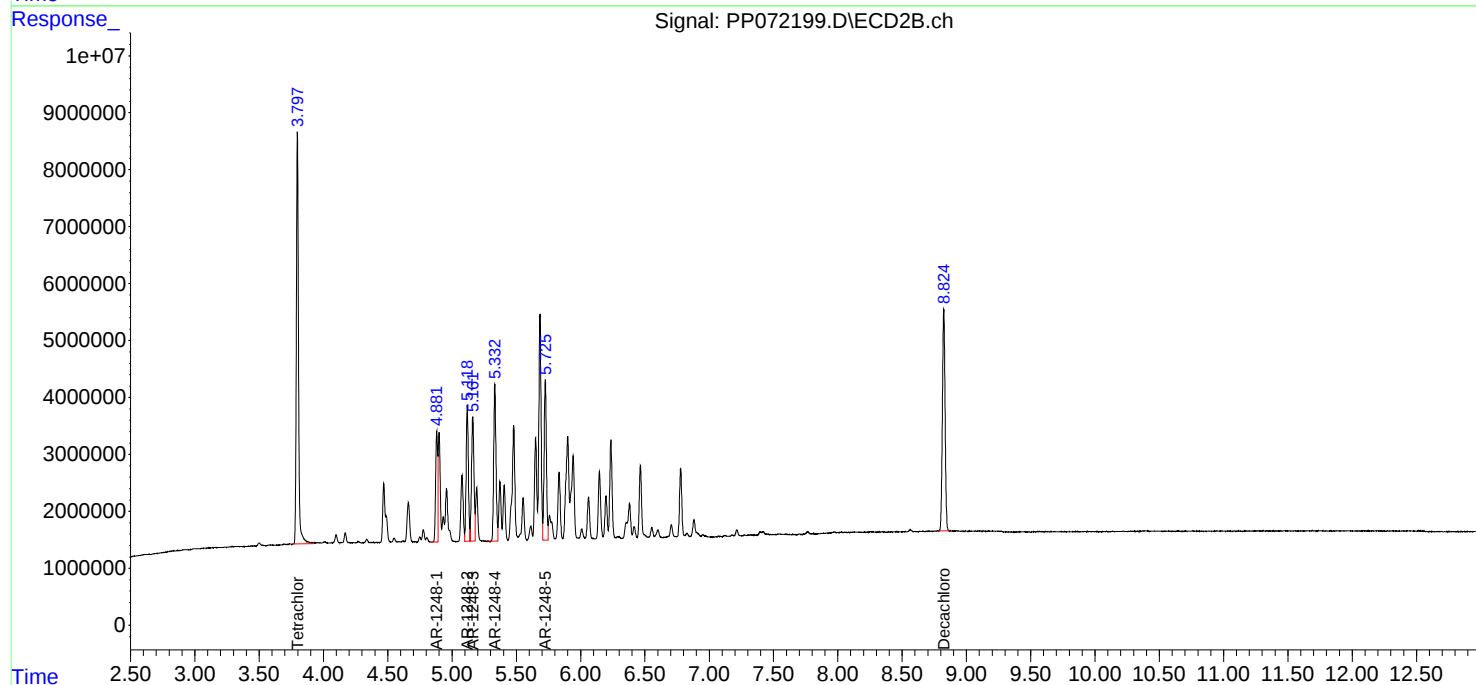
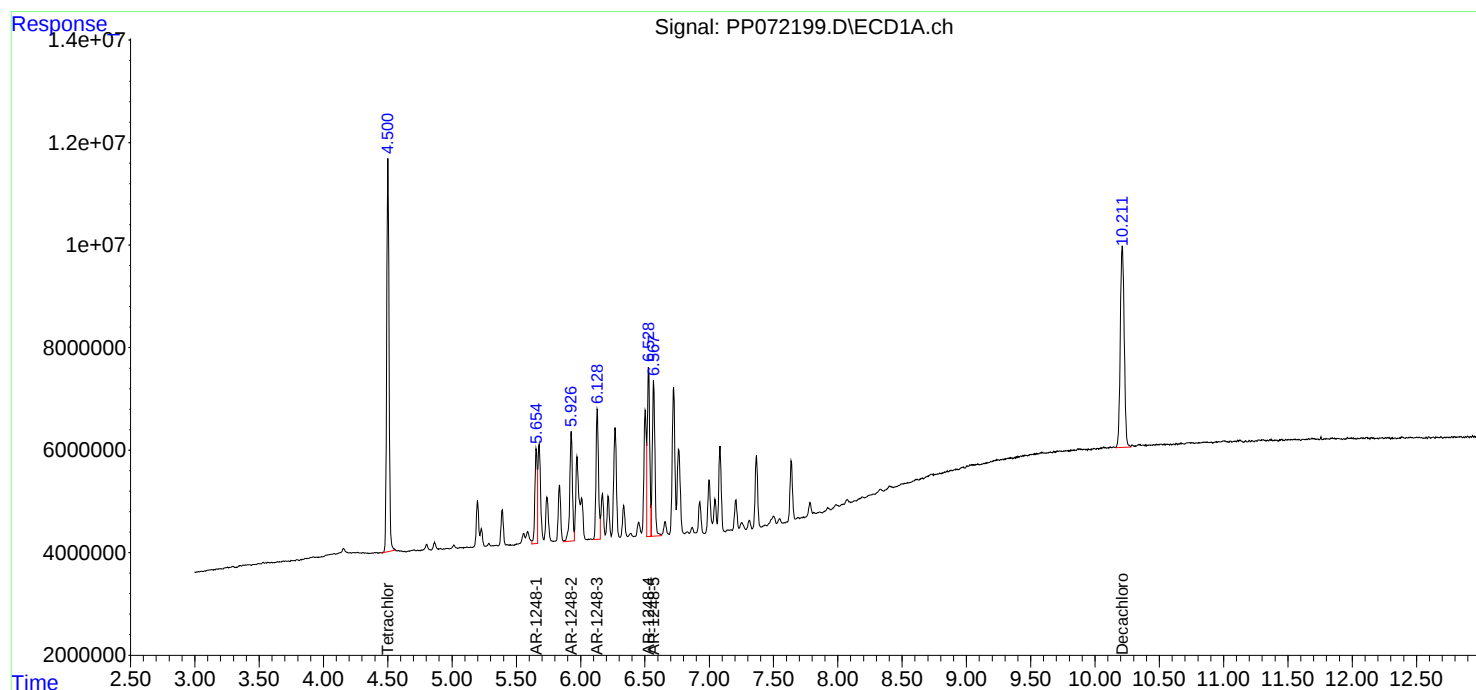
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
Data File : PP072199.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 May 2025 20:19  
Operator : YP\AJ  
Sample : AR1248ICV500  
Misc :  
ALS Vial : 38 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP051925AR1248

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 20 03:38:21 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue May 20 03:29:33 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\PP051925\  
 Data File : PP072200.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 May 2025 20:52  
 Operator : YP\AJ  
 Sample : AR1254ICV500  
 Misc :  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 ICVPP051925AR1254

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 20 03:39:00 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue May 20 03:29:33 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...          | 4.503  | 3.797 | 100.3E6  | 87142783 | 49.887  | 54.520  |
| 2) SA Decachlor...          | 10.214 | 8.823 | 83987433 | 56189590 | 51.554  | 53.079  |
| Target Compounds            |        |       |          |          |         |         |
| 26) L6 AR-1254-1            | 6.506  | 5.684 | 43414677 | 50851971 | 504.803 | 508.752 |
| 27) L6 AR-1254-2            | 6.722  | 5.832 | 65079227 | 43668465 | 498.015 | 505.967 |
| 28) L6 AR-1254-3            | 7.085  | 6.235 | 66155023 | 67680378 | 501.163 | 526.201 |
| 29) L6 AR-1254-4            | 7.367  | 6.463 | 61672158 | 43977452 | 472.545 | 515.584 |
| 30) L6 AR-1254-5            | 7.784  | 6.881 | 58110470 | 59298415 | 522.357 | 523.137 |
| -----                       |        |       |          |          |         |         |

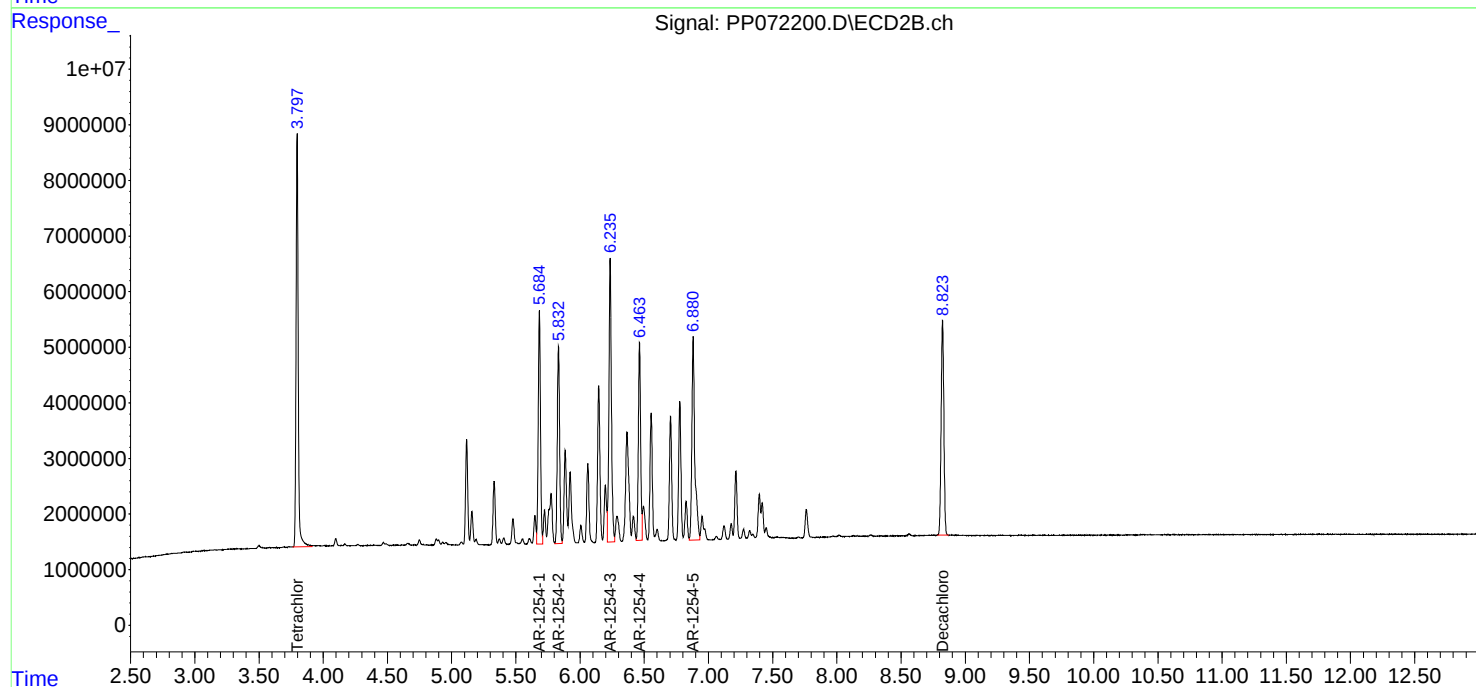
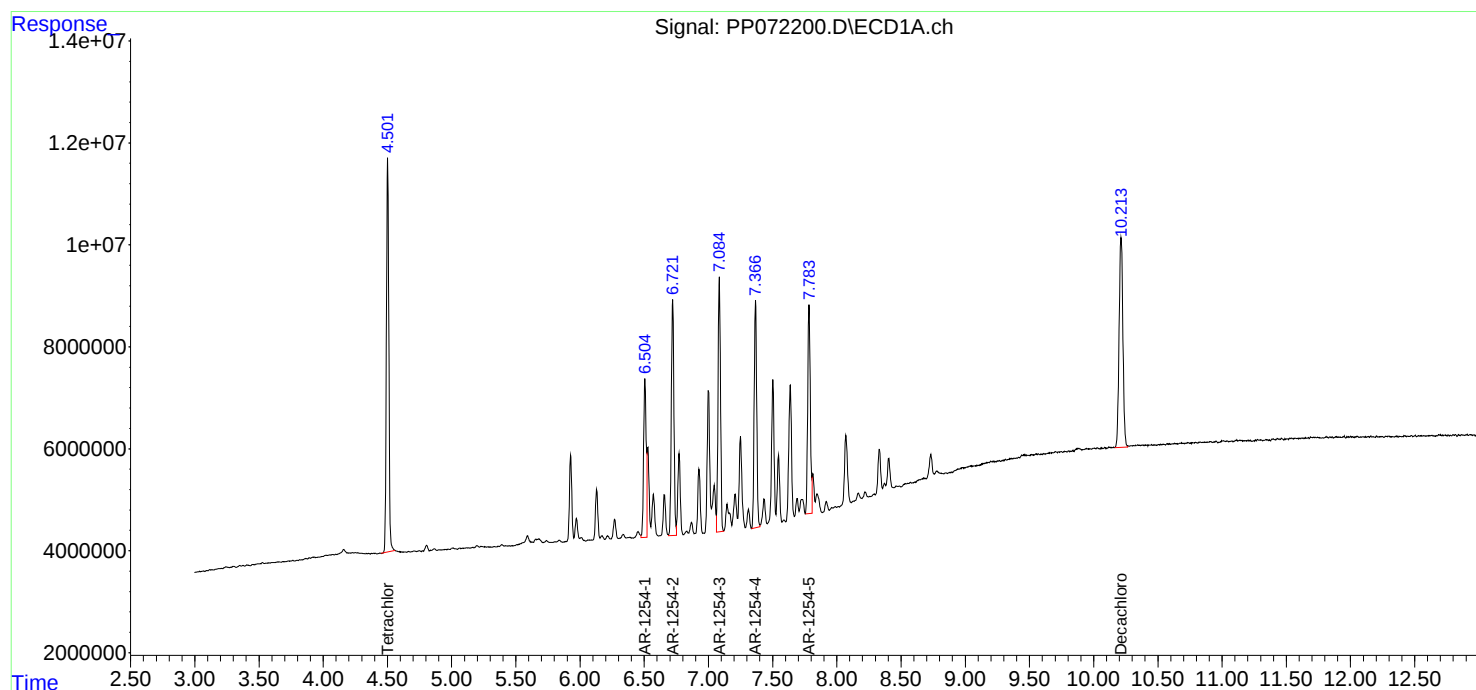
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
Data File : PP072200.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 May 2025 20:52  
Operator : YP\AJ  
Sample : AR1254ICV500  
Misc :  
ALS Vial : 39 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP051925AR1254

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 20 03:39:00 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue May 20 03:29:33 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
 Data File : PP072201.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 May 2025 21:25  
 Operator : YP\AJ  
 Sample : AR1268ICV500  
 Misc :  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 ICVPP051925AR1268

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 20 03:20:26 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Tue May 20 03:19:33 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...          | 4.504  | 3.798 | 100.4E6  | 87828193 | 52.612  | 54.920  |
| 2) SA Decachlor...          | 10.216 | 8.824 | 147.5E6  | 102.0E6  | 52.061  | 53.249  |
| Target Compounds            |        |       |          |          |         |         |
| 41) L9 AR-1268-1            | 8.720  | 7.702 | 171.0E6  | 124.0E6  | 513.323 | 529.555 |
| 42) L9 AR-1268-2            | 8.812  | 7.768 | 144.0E6  | 108.9E6  | 514.169 | 526.775 |
| 43) L9 AR-1268-3            | 9.044  | 7.971 | 123.7E6  | 91750131 | 512.196 | 541.712 |
| 44) L9 AR-1268-4            | 9.463  | 8.266 | 54675516 | 40276953 | 520.976 | 552.065 |
| 45) L9 AR-1268-5            | 9.877  | 8.565 | 344.9E6  | 244.7E6  | 509.466 | 535.577 |
| -----                       |        |       |          |          |         |         |

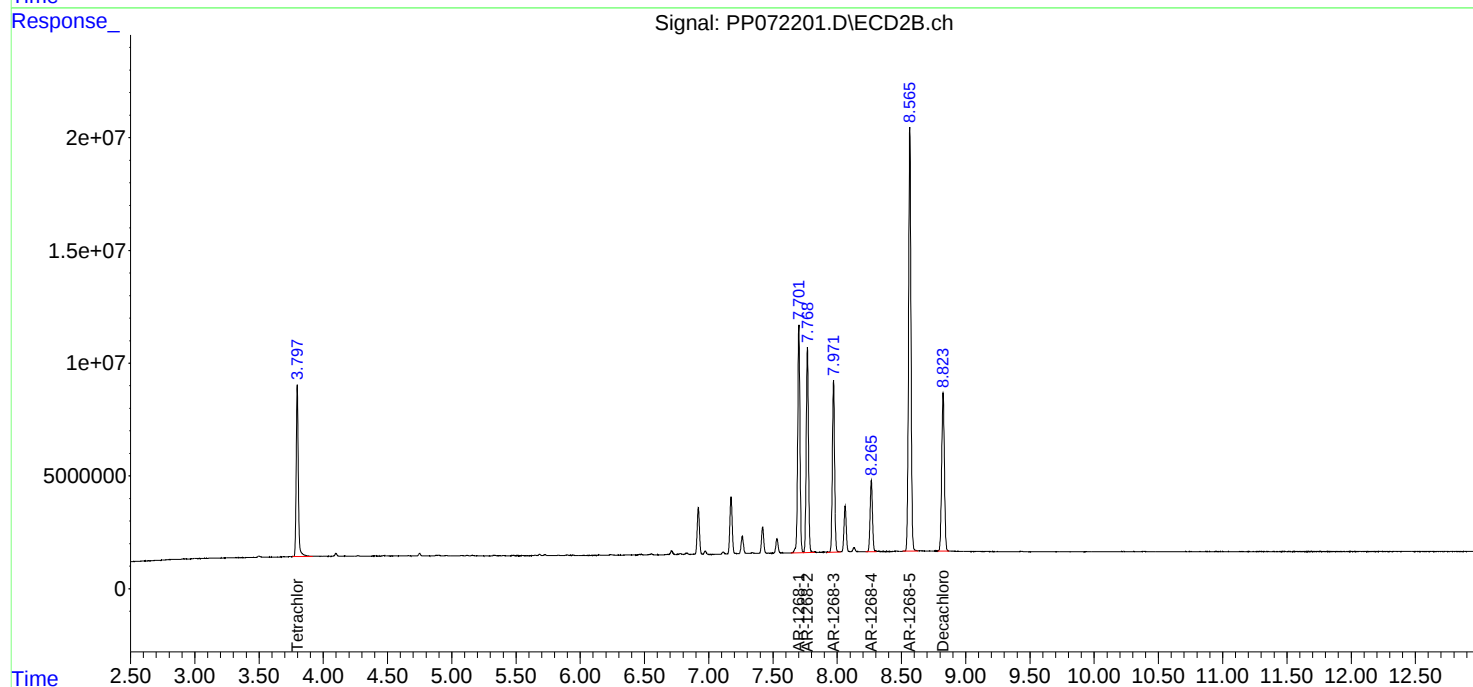
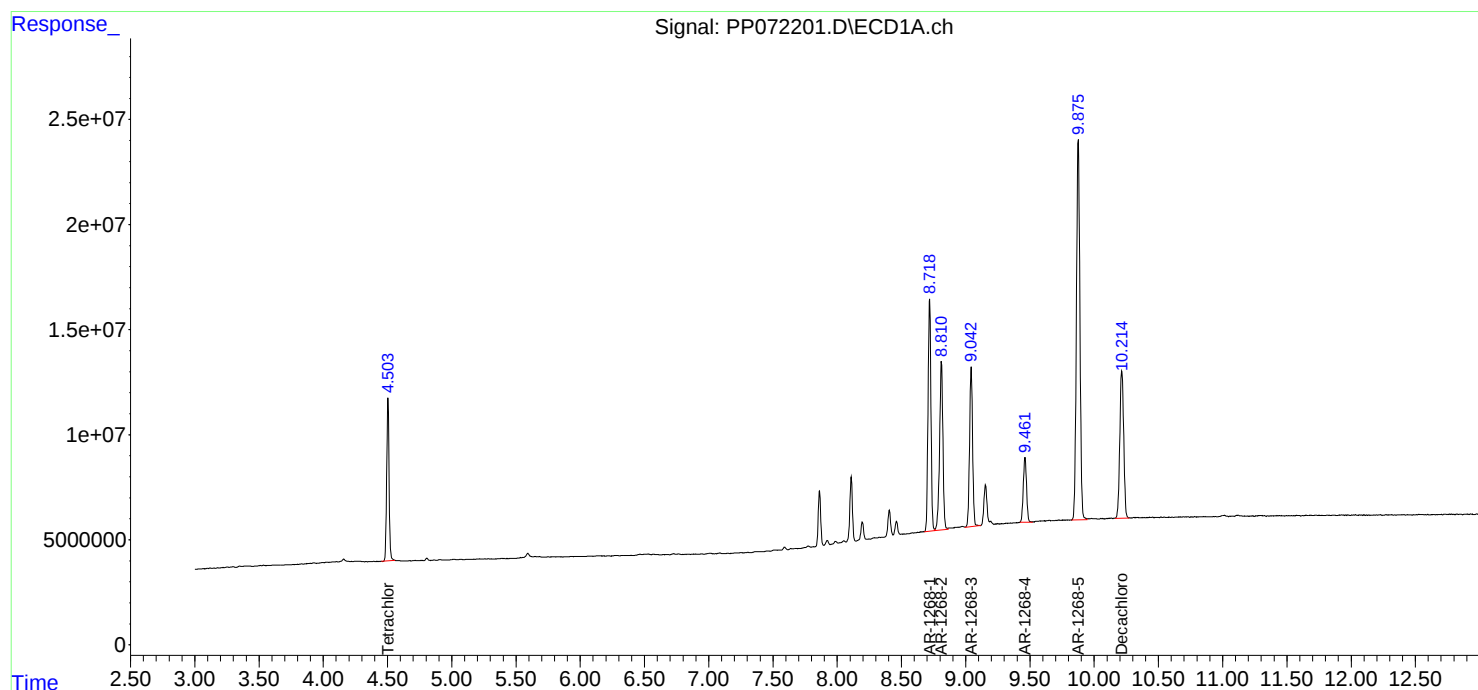
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
Data File : PP072201.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 May 2025 21:25  
Operator : YP\AJ  
Sample : AR1268ICV500  
Misc :  
ALS Vial : 40 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
ICVPP051925AR1268

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 20 03:20:26 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue May 20 03:19:33 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





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Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: Q2301 SAS No.: Q2301 SDG NO.: Q2301

Continuing Calib Date: 06/13/2025 Initial Calibration Date(s): 05/19/2025 05/19/2025

Continuing Calib Time: 09:44 Initial Calibration Time(s): 09:42 18:25

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) | 5.65       | 5.65      | 5.55                   | 5.75  | 0.00       |
| Aroclor-1016-2       | (2) | 5.67       | 5.67      | 5.57                   | 5.77  | 0.00       |
| Aroclor-1016-3       | (3) | 5.73       | 5.74      | 5.64                   | 5.84  | 0.01       |
| Aroclor-1016-4       | (4) | 5.83       | 5.83      | 5.73                   | 5.93  | 0.00       |
| Aroclor-1016-5       | (5) | 6.12       | 6.13      | 6.03                   | 6.23  | 0.01       |
| Aroclor-1260-1       | (1) | 7.24       | 7.25      | 7.15                   | 7.35  | 0.01       |
| Aroclor-1260-2       | (2) | 7.49       | 7.50      | 7.40                   | 7.60  | 0.01       |
| Aroclor-1260-3       | (3) | 7.85       | 7.86      | 7.76                   | 7.96  | 0.01       |
| Aroclor-1260-4       | (4) | 8.07       | 8.09      | 7.99                   | 8.19  | 0.02       |
| Aroclor-1260-5       | (5) | 8.39       | 8.40      | 8.30                   | 8.50  | 0.01       |
| Tetrachloro-m-xylene |     | 4.50       | 4.50      | 4.40                   | 4.60  | 0.00       |
| Decachlorobiphenyl   |     | 10.19      | 10.21     | 10.11                  | 10.31 | 0.02       |



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### CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: Q2301 SAS No.: Q2301 SDG NO.: Q2301

Continuing Calib Date: 06/13/2025 Initial Calibration Date(s): 05/19/2025 05/19/2025

Continuing Calib Time: 09:44 Initial Calibration Time(s): 09:42 18:25

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

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW<br>FROM   TO |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|------------------------|------|------------|
| Aroclor-1016-1       | (1) | 4.87       | 4.88      | 4.78                   | 4.98 | 0.01       |
| Aroclor-1016-2       | (2) | 4.89       | 4.90      | 4.80                   | 5.00 | 0.01       |
| Aroclor-1016-3       | (3) | 5.07       | 5.07      | 4.97                   | 5.17 | 0.00       |
| Aroclor-1016-4       | (4) | 5.11       | 5.12      | 5.02                   | 5.22 | 0.01       |
| Aroclor-1016-5       | (5) | 5.32       | 5.33      | 5.23                   | 5.43 | 0.01       |
| Aroclor-1260-1       | (1) | 6.35       | 6.36      | 6.26                   | 6.46 | 0.01       |
| Aroclor-1260-2       | (2) | 6.54       | 6.55      | 6.45                   | 6.65 | 0.01       |
| Aroclor-1260-3       | (3) | 6.69       | 6.71      | 6.61                   | 6.81 | 0.02       |
| Aroclor-1260-4       | (4) | 7.16       | 7.18      | 7.08                   | 7.28 | 0.02       |
| Aroclor-1260-5       | (5) | 7.41       | 7.42      | 7.32                   | 7.52 | 0.01       |
| Tetrachloro-m-xylene |     | 3.79       | 3.79      | 3.69                   | 3.89 | 0.00       |
| Decachlorobiphenyl   |     | 8.80       | 8.82      | 8.72                   | 8.92 | 0.02       |



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### CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: Q2301 SAS No.: Q2301 SDG NO.: Q2301

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 05/19/2025 05/19/2025

Client Sample No.: CCAL01 Date Analyzed: 06/13/2025

Lab Sample No.: AR1660CCC500 Data File : PP072898.D Time Analyzed: 09:44

| COMPOUND             | RT     | RT WINDOW<br>FROM TO |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|--------|----------------------|--------|--------------------|-------------------|-------|
| Aroclor-1016-1       | 5.648  | 5.552                | 5.752  | 433.430            | 500.000           | -13.3 |
| Aroclor-1016-2       | 5.669  | 5.574                | 5.774  | 480.470            | 500.000           | -3.9  |
| Aroclor-1016-3       | 5.731  | 5.636                | 5.836  | 475.320            | 500.000           | -4.9  |
| Aroclor-1016-4       | 5.829  | 5.734                | 5.934  | 490.530            | 500.000           | -1.9  |
| Aroclor-1016-5       | 6.121  | 6.027                | 6.227  | 488.970            | 500.000           | -2.2  |
| Aroclor-1260-1       | 7.239  | 7.147                | 7.347  | 476.790            | 500.000           | -4.6  |
| Aroclor-1260-2       | 7.492  | 7.401                | 7.601  | 459.490            | 500.000           | -8.1  |
| Aroclor-1260-3       | 7.850  | 7.760                | 7.960  | 479.490            | 500.000           | -4.1  |
| Aroclor-1260-4       | 8.074  | 7.985                | 8.185  | 477.040            | 500.000           | -4.6  |
| Aroclor-1260-5       | 8.393  | 8.303                | 8.503  | 502.580            | 500.000           | 0.5   |
| Decachlorobiphenyl   | 10.191 | 10.113               | 10.313 | 53.180             | 50.000            | 6.4   |
| Tetrachloro-m-xylene | 4.496  | 4.396                | 4.596  | 50.560             | 50.000            | 1.1   |



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### CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: Q2301 SAS No.: Q2301 SDG NO.: Q2301

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 05/19/2025 05/19/2025

Client Sample No.: CCAL01 Date Analyzed: 06/13/2025

Lab Sample No.: AR1660CCC500 Data File : PP072898.D Time Analyzed: 09:44

| COMPOUND             | RT    | RT WINDOW<br>FROM TO |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|----------------------|-------|--------------------|-------------------|------|
| Aroclor-1016-1       | 4.870 | 4.777                | 4.977 | 527.350            | 500.000           | 5.5  |
| Aroclor-1016-2       | 4.888 | 4.795                | 4.995 | 537.000            | 500.000           | 7.4  |
| Aroclor-1016-3       | 5.065 | 4.973                | 5.173 | 534.350            | 500.000           | 6.9  |
| Aroclor-1016-4       | 5.106 | 5.015                | 5.215 | 541.100            | 500.000           | 8.2  |
| Aroclor-1016-5       | 5.320 | 5.229                | 5.429 | 560.140            | 500.000           | 12.0 |
| Aroclor-1260-1       | 6.352 | 6.264                | 6.464 | 543.650            | 500.000           | 8.7  |
| Aroclor-1260-2       | 6.540 | 6.453                | 6.653 | 519.640            | 500.000           | 3.9  |
| Aroclor-1260-3       | 6.692 | 6.606                | 6.806 | 541.410            | 500.000           | 8.3  |
| Aroclor-1260-4       | 7.163 | 7.077                | 7.277 | 544.390            | 500.000           | 8.9  |
| Aroclor-1260-5       | 7.405 | 7.319                | 7.519 | 549.520            | 500.000           | 9.9  |
| Decachlorobiphenyl   | 8.802 | 8.723                | 8.923 | 60.430             | 50.000            | 20.9 |
| Tetrachloro-m-xylene | 3.790 | 3.691                | 3.891 | 53.970             | 50.000            | 7.9  |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP061325\  
 Data File : PP072898.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Jun 2025 09:44  
 Operator : YP\AJ  
 Sample : AR1660CCC500  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1660CCC500

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/16/2025  
 Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 13 12:04:18 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat May 24 03:32:20 2025  
 Response via : 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...          | 4.496  | 3.790 | 101.7E6  | 86269124 | 50.565  | 53.974   |
| 2) SA Decachlor...          | 10.191 | 8.802 | 86631646 | 63971218 | 53.177m | 60.430m  |
| Target Compounds            |        |       |          |          |         |          |
| 3) L1 AR-1016-1             | 5.648  | 4.870 | 32543719 | 32394963 | 433.433 | 527.352  |
| 4) L1 AR-1016-2             | 5.669  | 4.888 | 51405842 | 47142876 | 480.466 | 537.000  |
| 5) L1 AR-1016-3             | 5.731  | 5.065 | 31164452 | 25464219 | 475.322 | 534.351  |
| 6) L1 AR-1016-4             | 5.829  | 5.106 | 26130667 | 20586425 | 490.533 | 541.103  |
| 7) L1 AR-1016-5             | 6.121  | 5.320 | 23915337 | 27908814 | 488.974 | 560.143  |
| 31) L7 AR-1260-1            | 7.239  | 6.352 | 44625451 | 43357786 | 476.794 | 543.646  |
| 32) L7 AR-1260-2            | 7.492  | 6.540 | 65932493 | 52702903 | 459.493 | 519.639  |
| 33) L7 AR-1260-3            | 7.850  | 6.692 | 54600223 | 47049936 | 479.493 | 541.412m |
| 34) L7 AR-1260-4            | 8.074  | 7.163 | 51187446 | 39245721 | 477.038 | 544.392  |
| 35) L7 AR-1260-5            | 8.393  | 7.405 | 118.9E6  | 95410259 | 502.575 | 549.522  |
| -----                       |        |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP061325\  
Data File : PP072898.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Jun 2025 09:44  
Operator : YP\AJ  
Sample : AR1660CCC500  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

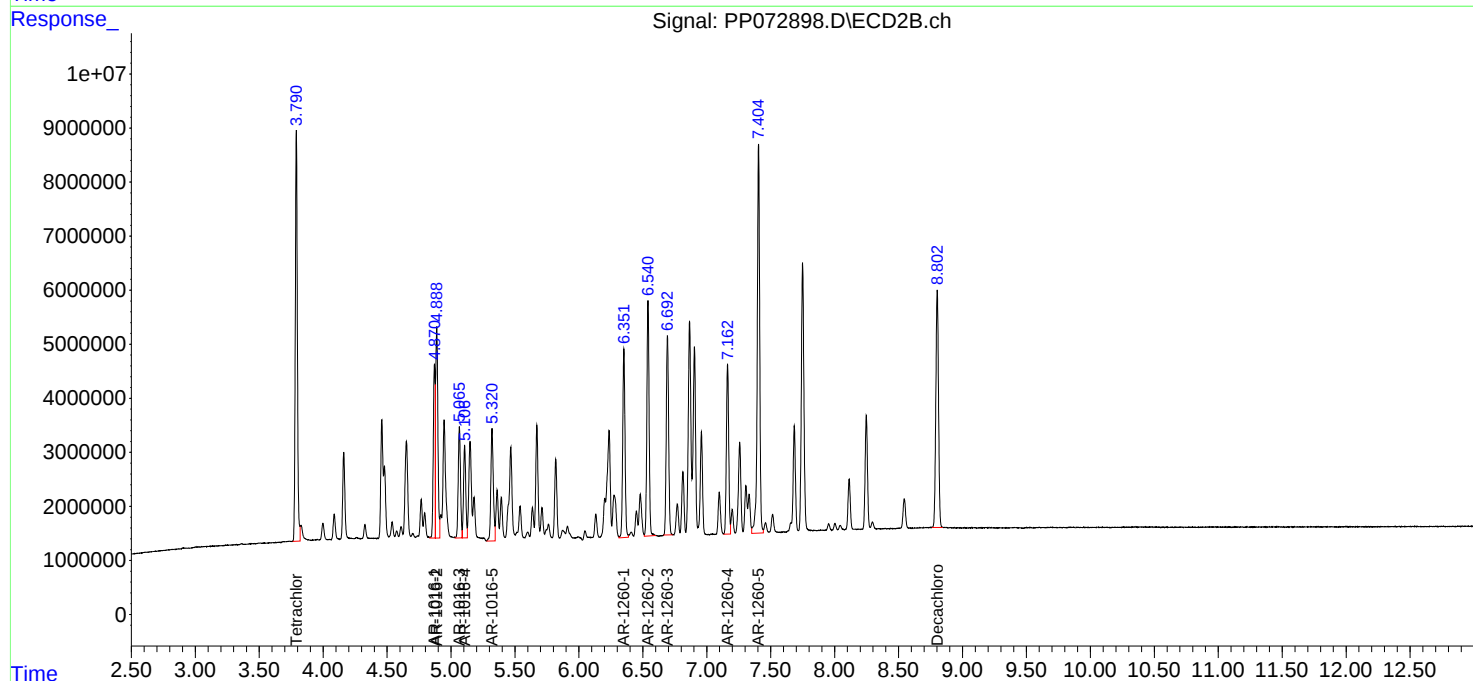
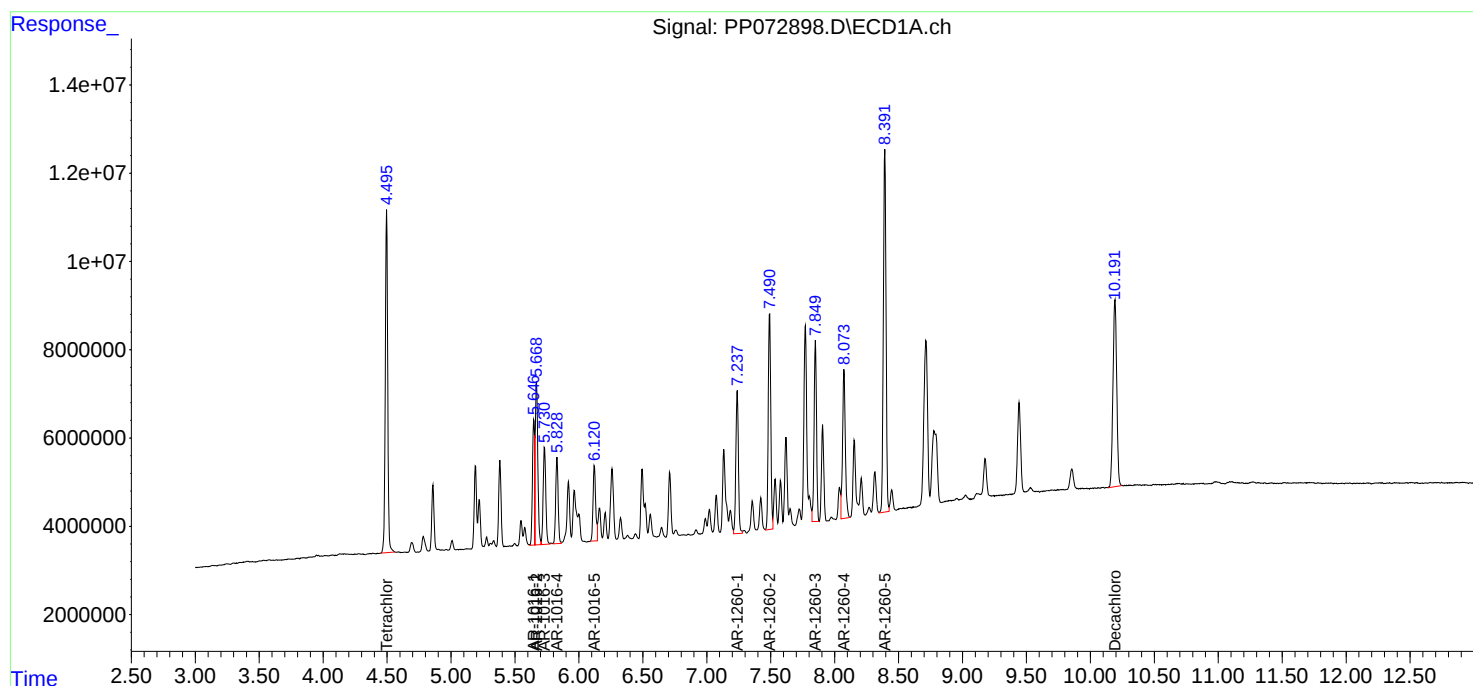
Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 06/16/2025  
Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 13 12:04:18 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat May 24 03:32:20 2025  
Response via : 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: ENTA05

Lab Code: CHEM Case No.: Q2301 SAS No.: Q2301 SDG NO.: Q2301

Continuing Calib Date: 06/13/2025 Initial Calibration Date(s): 05/19/2025 05/19/2025

Continuing Calib Time: 14:48 Initial Calibration Time(s): 09:42 18:25

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) | 5.65       | 5.65      | 5.55      | 5.75  | 0.00       |
| Aroclor-1016-2       | (2) | 5.67       | 5.67      | 5.57      | 5.77  | 0.00       |
| Aroclor-1016-3       | (3) | 5.73       | 5.74      | 5.64      | 5.84  | 0.01       |
| Aroclor-1016-4       | (4) | 5.83       | 5.83      | 5.73      | 5.93  | 0.00       |
| Aroclor-1016-5       | (5) | 6.12       | 6.13      | 6.03      | 6.23  | 0.01       |
| Aroclor-1260-1       | (1) | 7.24       | 7.25      | 7.15      | 7.35  | 0.01       |
| Aroclor-1260-2       | (2) | 7.49       | 7.50      | 7.40      | 7.60  | 0.01       |
| Aroclor-1260-3       | (3) | 7.85       | 7.86      | 7.76      | 7.96  | 0.01       |
| Aroclor-1260-4       | (4) | 8.07       | 8.09      | 7.99      | 8.19  | 0.02       |
| Aroclor-1260-5       | (5) | 8.39       | 8.40      | 8.30      | 8.50  | 0.01       |
| Tetrachloro-m-xylene |     | 4.50       | 4.50      | 4.40      | 4.60  | 0.00       |
| Decachlorobiphenyl   |     | 10.19      | 10.21     | 10.11     | 10.31 | 0.02       |



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Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: Q2301 SAS No.: Q2301 SDG NO.: Q2301

Continuing Calib Date: 06/13/2025 Initial Calibration Date(s): 05/19/2025 05/19/2025

Continuing Calib Time: 14:48 Initial Calibration Time(s): 09:42 18:25

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) | 4.87       | 4.88      | 4.78      | 4.98 | 0.01       |
| Aroclor-1016-2       | (2) | 4.89       | 4.90      | 4.80      | 5.00 | 0.01       |
| Aroclor-1016-3       | (3) | 5.07       | 5.07      | 4.97      | 5.17 | 0.00       |
| Aroclor-1016-4       | (4) | 5.11       | 5.12      | 5.02      | 5.22 | 0.01       |
| Aroclor-1016-5       | (5) | 5.32       | 5.33      | 5.23      | 5.43 | 0.01       |
| Aroclor-1260-1       | (1) | 6.35       | 6.36      | 6.26      | 6.46 | 0.01       |
| Aroclor-1260-2       | (2) | 6.54       | 6.55      | 6.45      | 6.65 | 0.01       |
| Aroclor-1260-3       | (3) | 6.69       | 6.71      | 6.61      | 6.81 | 0.02       |
| Aroclor-1260-4       | (4) | 7.16       | 7.18      | 7.08      | 7.28 | 0.02       |
| Aroclor-1260-5       | (5) | 7.40       | 7.42      | 7.32      | 7.52 | 0.02       |
| Tetrachloro-m-xylene |     | 3.79       | 3.79      | 3.69      | 3.89 | 0.00       |
| Decachlorobiphenyl   |     | 8.80       | 8.82      | 8.72      | 8.92 | 0.02       |



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

### CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: Q2301 SAS No.: Q2301 SDG NO.: Q2301

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 05/19/2025 05/19/2025

Client Sample No.: CCAL02 Date Analyzed: 06/13/2025

Lab Sample No.: AR1660CCC500 Data File : PP072914.D Time Analyzed: 14:48

| COMPOUND             | RT     | RT WINDOW<br>FROM TO |        | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|--------|----------------------|--------|--------------------|-------------------|-------|
| Aroclor-1016-1       | 5.648  | 5.552                | 5.752  | 421.180            | 500.000           | -15.8 |
| Aroclor-1016-2       | 5.670  | 5.574                | 5.774  | 442.270            | 500.000           | -11.5 |
| Aroclor-1016-3       | 5.732  | 5.636                | 5.836  | 440.440            | 500.000           | -11.9 |
| Aroclor-1016-4       | 5.829  | 5.734                | 5.934  | 458.080            | 500.000           | -8.4  |
| Aroclor-1016-5       | 6.121  | 6.027                | 6.227  | 455.740            | 500.000           | -8.9  |
| Aroclor-1260-1       | 7.238  | 7.147                | 7.347  | 424.190            | 500.000           | -15.2 |
| Aroclor-1260-2       | 7.492  | 7.401                | 7.601  | 406.910            | 500.000           | -18.6 |
| Aroclor-1260-3       | 7.850  | 7.760                | 7.960  | 419.380            | 500.000           | -16.1 |
| Aroclor-1260-4       | 8.073  | 7.985                | 8.185  | 409.950            | 500.000           | -18.0 |
| Aroclor-1260-5       | 8.391  | 8.303                | 8.503  | 432.570            | 500.000           | -13.5 |
| Decachlorobiphenyl   | 10.189 | 10.113               | 10.313 | 46.160             | 50.000            | -7.7  |
| Tetrachloro-m-xylene | 4.497  | 4.396                | 4.596  | 48.930             | 50.000            | -2.1  |



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

### CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: Q2301 SAS No.: Q2301 SDG NO.: Q2301

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 05/19/2025 05/19/2025

Client Sample No.: CCAL02 Date Analyzed: 06/13/2025

Lab Sample No.: AR1660CCC500 Data File : PP072914.D Time Analyzed: 14:48

| COMPOUND             | RT    | RT WINDOW<br>FROM TO |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|----------------------|-------|--------------------|-------------------|------|
| Aroclor-1016-1       | 4.870 | 4.777                | 4.977 | 511.970            | 500.000           | 2.4  |
| Aroclor-1016-2       | 4.889 | 4.795                | 4.995 | 521.930            | 500.000           | 4.4  |
| Aroclor-1016-3       | 5.065 | 4.973                | 5.173 | 527.470            | 500.000           | 5.5  |
| Aroclor-1016-4       | 5.107 | 5.015                | 5.215 | 526.980            | 500.000           | 5.4  |
| Aroclor-1016-5       | 5.320 | 5.229                | 5.429 | 511.470            | 500.000           | 2.3  |
| Aroclor-1260-1       | 6.352 | 6.264                | 6.464 | 520.920            | 500.000           | 4.2  |
| Aroclor-1260-2       | 6.541 | 6.453                | 6.653 | 487.420            | 500.000           | -2.5 |
| Aroclor-1260-3       | 6.692 | 6.606                | 6.806 | 502.650            | 500.000           | 0.5  |
| Aroclor-1260-4       | 7.162 | 7.077                | 7.277 | 515.240            | 500.000           | 3.0  |
| Aroclor-1260-5       | 7.404 | 7.319                | 7.519 | 503.750            | 500.000           | 0.8  |
| Decachlorobiphenyl   | 8.800 | 8.723                | 8.923 | 55.070             | 50.000            | 10.1 |
| Tetrachloro-m-xylene | 3.790 | 3.691                | 3.891 | 52.880             | 50.000            | 5.8  |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP061325\  
 Data File : PP072914.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Jun 2025 14:48  
 Operator : YP\AJ  
 Sample : AR1660CCC500  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1660CCC500

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/16/2025  
 Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 13 15:10:49 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat May 24 03:32:20 2025  
 Response via : 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...          | 4.497  | 3.790 | 98383530 | 84515442 | 48.928  | 52.876    |
| 2) SA Decachlor...          | 10.189 | 8.800 | 75201256 | 58300562 | 46.161m | 55.073m   |
| Target Compounds            |        |       |          |          |         |           |
| 3) L1 AR-1016-1             | 5.648  | 4.870 | 31623978 | 31450081 | 421.183 | 511.970   |
| 4) L1 AR-1016-2             | 5.670  | 4.889 | 47319678 | 45819527 | 442.274 | 521.926   |
| 5) L1 AR-1016-3             | 5.732  | 5.065 | 28877713 | 25136324 | 440.444 | 527.470   |
| 6) L1 AR-1016-4             | 5.829  | 5.107 | 24401841 | 20049098 | 458.079 | 526.979   |
| 7) L1 AR-1016-5             | 6.121  | 5.320 | 22289720 | 25483621 | 455.737 | 511.468   |
| 31) L7 AR-1260-1            | 7.238  | 6.352 | 39702111 | 41545583 | 424.192 | 520.923   |
| 32) L7 AR-1260-2            | 7.492  | 6.541 | 58387342 | 49434898 | 406.910 | 487.417   |
| 33) L7 AR-1260-3            | 7.850  | 6.692 | 47754870 | 43681495 | 419.378 | 502.650m  |
| 34) L7 AR-1260-4            | 8.073  | 7.162 | 43988543 | 37144382 | 409.948 | 515.243 # |
| 35) L7 AR-1260-5            | 8.391  | 7.404 | 102.4E6  | 87463594 | 432.573 | 503.753   |
| -----                       |        |       |          |          |         |           |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP061325\  
Data File : PP072914.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Jun 2025 14:48  
Operator : YP\AJ  
Sample : AR1660CCC500  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

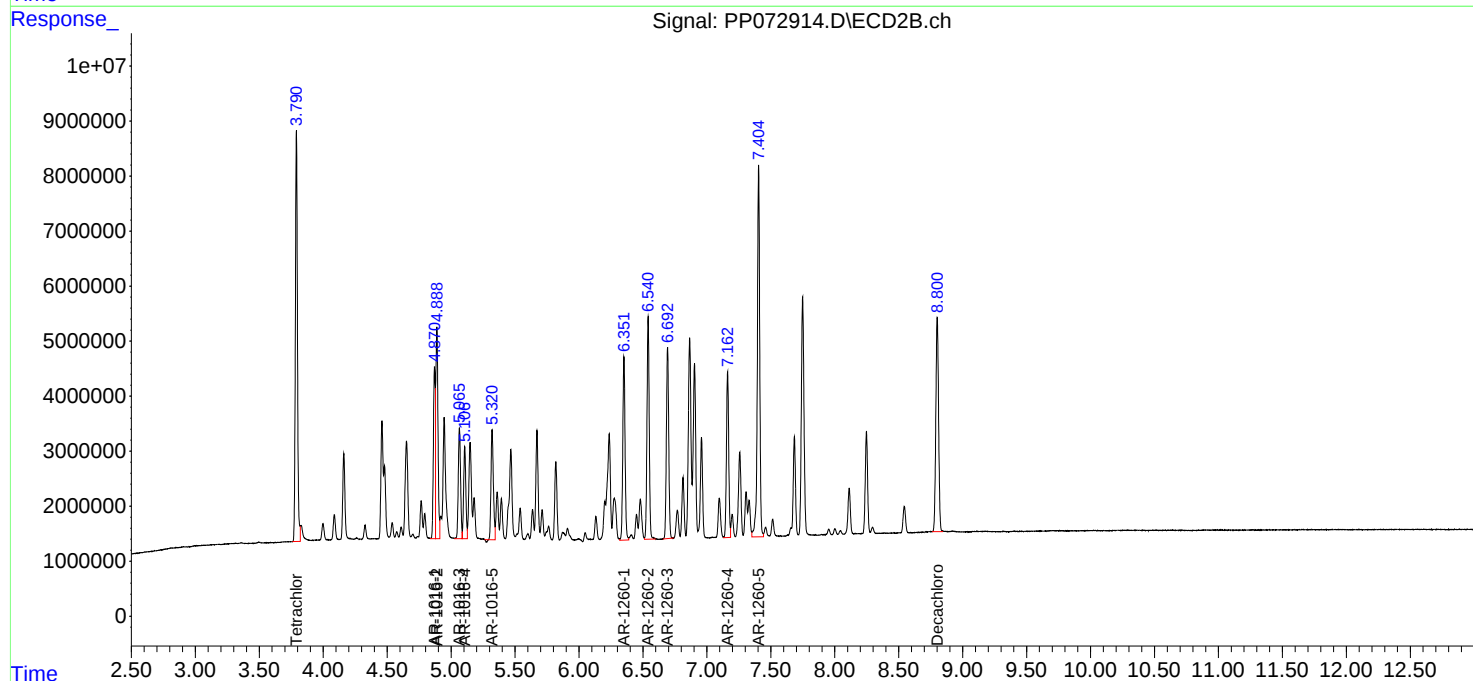
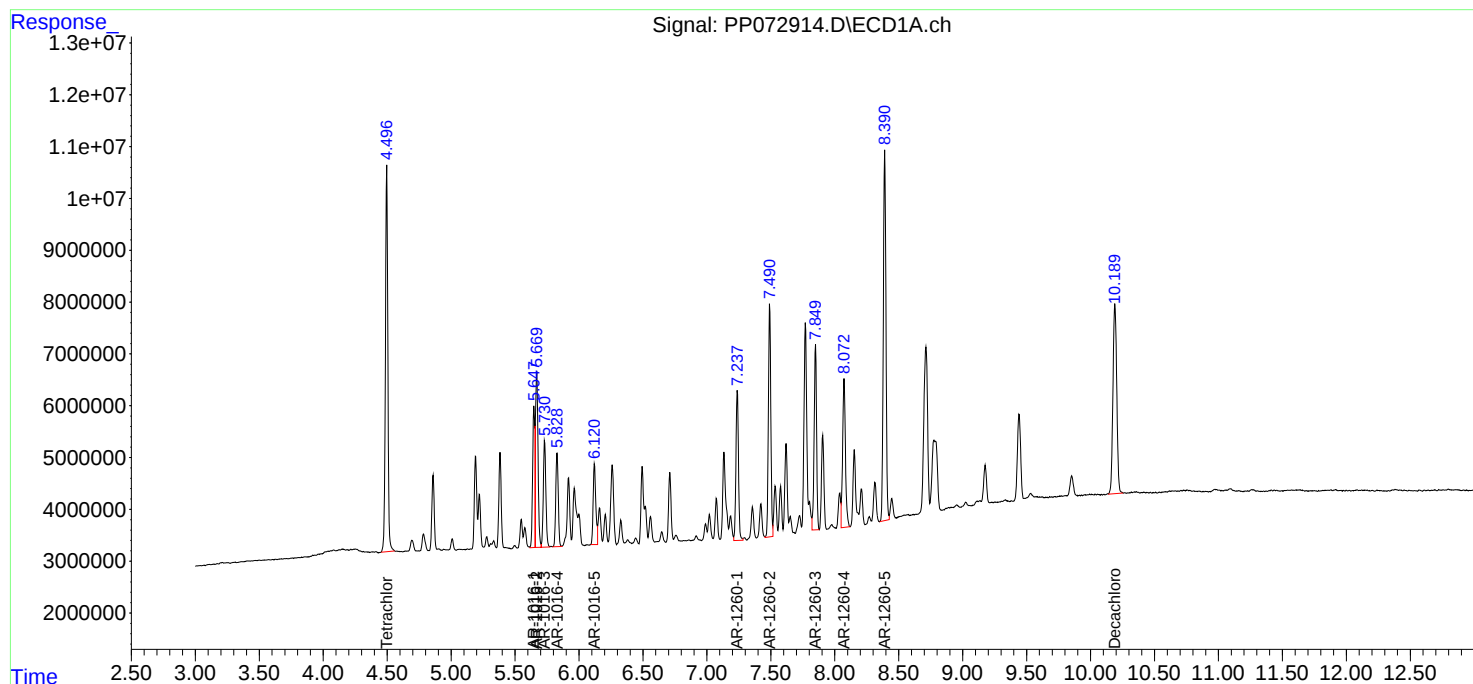
Instrument :  
ECD\_P  
ClientSampleId :  
AR1660CCC500

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 06/16/2025  
Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 13 15:10:49 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat May 24 03:32:20 2025  
Response via : 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: ENTACT

SDG No.: Q2301

Project: 540 Degraw St, Brooklyn, NY - E9309

Instrument ID: ECD\_P

GC Column: ZB-MR1

ID: 0.32 (mm)

Inst. Calib. Date(s): 05/19/2025 05/19/2025

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             | 05/19/2025       | 09:26            | PP072163.D | 10.21       | 4.50        |
| AR1660ICC1000     | AR1660ICC1000    | 05/19/2025       | 09:42            | PP072164.D | 10.21       | 4.50        |
| AR1660ICC750      | AR1660ICC750     | 05/19/2025       | 09:59            | PP072165.D | 10.21       | 4.50        |
| AR1660ICC500      | AR1660ICC500     | 05/19/2025       | 10:15            | PP072166.D | 10.21       | 4.50        |
| AR1660ICC250      | AR1660ICC250     | 05/19/2025       | 10:32            | PP072167.D | 10.21       | 4.50        |
| AR1660ICC050      | AR1660ICC050     | 05/19/2025       | 10:48            | PP072168.D | 10.21       | 4.50        |
| AR1221ICC500      | AR1221ICC500     | 05/19/2025       | 11:05            | PP072169.D | 10.21       | 4.50        |
| AR1232ICC1000     | AR1232ICC1000    | 05/19/2025       | 11:21            | PP072170.D | 10.21       | 4.50        |
| AR1232ICC750      | AR1232ICC750     | 05/19/2025       | 11:38            | PP072171.D | 10.22       | 4.50        |
| AR1232ICC500      | AR1232ICC500     | 05/19/2025       | 11:54            | PP072172.D | 10.21       | 4.50        |
| AR1232ICC250      | AR1232ICC250     | 05/19/2025       | 12:10            | PP072173.D | 10.22       | 4.50        |
| AR1232ICC050      | AR1232ICC050     | 05/19/2025       | 12:27            | PP072174.D | 10.21       | 4.50        |
| AR1242ICC1000     | AR1242ICC1000    | 05/19/2025       | 12:43            | PP072175.D | 10.22       | 4.50        |
| AR1242ICC750      | AR1242ICC750     | 05/19/2025       | 12:59            | PP072176.D | 10.22       | 4.50        |
| AR1242ICC500      | AR1242ICC500     | 05/19/2025       | 13:15            | PP072177.D | 10.22       | 4.51        |
| AR1242ICC250      | AR1242ICC250     | 05/19/2025       | 13:32            | PP072178.D | 10.21       | 4.50        |
| AR1242ICC050      | AR1242ICC050     | 05/19/2025       | 13:48            | PP072179.D | 10.22       | 4.50        |
| AR1248ICC1000     | AR1248ICC1000    | 05/19/2025       | 14:04            | PP072180.D | 10.22       | 4.51        |
| AR1248ICC750      | AR1248ICC750     | 05/19/2025       | 14:20            | PP072181.D | 10.21       | 4.50        |
| AR1248ICC500      | AR1248ICC500     | 05/19/2025       | 14:37            | PP072182.D | 10.22       | 4.50        |
| AR1248ICC250      | AR1248ICC250     | 05/19/2025       | 14:53            | PP072183.D | 10.22       | 4.50        |
| AR1248ICC050      | AR1248ICC050     | 05/19/2025       | 15:25            | PP072184.D | 10.21       | 4.50        |
| AR1254ICC1000     | AR1254ICC1000    | 05/19/2025       | 15:42            | PP072185.D | 10.22       | 4.50        |
| AR1254ICC750      | AR1254ICC750     | 05/19/2025       | 15:58            | PP072186.D | 10.22       | 4.50        |
| AR1254ICC500      | AR1254ICC500     | 05/19/2025       | 16:14            | PP072187.D | 10.22       | 4.50        |
| AR1254ICC250      | AR1254ICC250     | 05/19/2025       | 16:31            | PP072188.D | 10.22       | 4.50        |
| AR1254ICC050      | AR1254ICC050     | 05/19/2025       | 16:47            | PP072189.D | 10.22       | 4.50        |
| AR1262ICC500      | AR1262ICC500     | 05/19/2025       | 17:03            | PP072190.D | 10.22       | 4.50        |
| AR1268ICC1000     | AR1268ICC1000    | 05/19/2025       | 17:20            | PP072191.D | 10.22       | 4.50        |
| AR1268ICC750      | AR1268ICC750     | 05/19/2025       | 17:36            | PP072192.D | 10.22       | 4.51        |
| AR1268ICC500      | AR1268ICC500     | 05/19/2025       | 17:53            | PP072193.D | 10.22       | 4.50        |
| AR1268ICC250      | AR1268ICC250     | 05/19/2025       | 18:09            | PP072194.D | 10.21       | 4.50        |
| AR1268ICC050      | AR1268ICC050     | 05/19/2025       | 18:25            | PP072195.D | 10.22       | 4.50        |
| AR1660CCC500      | AR1660CCC500     | 06/13/2025       | 09:44            | PP072898.D | 10.19       | 4.50        |
| IBLK              | IBLK             | 06/13/2025       | 11:06            | PP072903.D | 10.19       | 4.50        |
| PB168459BL        | PB168459BL       | 06/13/2025       | 11:22            | PP072904.D | 10.19       | 4.50        |
| PB168459BS        | PB168459BS       | 06/13/2025       | 11:39            | PP072905.D | 10.19       | 4.50        |
| WC-URBAN-FILL-C   | Q2301-02         | 06/13/2025       | 12:44            | PP072909.D | 10.19       | 4.50        |
| TR-04-06122025MS  | Q2305-01MS       | 06/13/2025       | 13:16            | PP072911.D | 10.19       | 4.50        |
| TR-04-06122025MSD | Q2305-01MSD      | 06/13/2025       | 13:33            | PP072912.D | 10.19       | 4.50        |
| AR1660CCC500      | AR1660CCC500     | 06/13/2025       | 14:48            | PP072914.D | 10.19       | 4.50        |
| IBLK              | IBLK             | 06/13/2025       | 15:54            | PP072918.D | 10.19       | 4.50        |

## **Analytical Sequence**

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## Analytical Sequence

Client: ENTACT

SDG No.: Q2301

Project: 540 Degraw St, Brooklyn, NY - E9309

Instrument ID: ECD\_P

GC Column: ZB-MR2

ID: 0.32 (mm)

Inst. Calib. Date(s): 05/19/2025

05/19/2025

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             | 05/19/2025       | 09:26            | PP072163.D | 8.82        | 3.79        |
| AR1660ICC1000     | AR1660ICC1000    | 05/19/2025       | 09:42            | PP072164.D | 8.82        | 3.79        |
| AR1660ICC750      | AR1660ICC750     | 05/19/2025       | 09:59            | PP072165.D | 8.82        | 3.79        |
| AR1660ICC500      | AR1660ICC500     | 05/19/2025       | 10:15            | PP072166.D | 8.82        | 3.79        |
| AR1660ICC250      | AR1660ICC250     | 05/19/2025       | 10:32            | PP072167.D | 8.82        | 3.79        |
| AR1660ICC050      | AR1660ICC050     | 05/19/2025       | 10:48            | PP072168.D | 8.82        | 3.79        |
| AR1221ICC500      | AR1221ICC500     | 05/19/2025       | 11:05            | PP072169.D | 8.82        | 3.79        |
| AR1232ICC1000     | AR1232ICC1000    | 05/19/2025       | 11:21            | PP072170.D | 8.82        | 3.80        |
| AR1232ICC750      | AR1232ICC750     | 05/19/2025       | 11:38            | PP072171.D | 8.82        | 3.80        |
| AR1232ICC500      | AR1232ICC500     | 05/19/2025       | 11:54            | PP072172.D | 8.82        | 3.80        |
| AR1232ICC250      | AR1232ICC250     | 05/19/2025       | 12:10            | PP072173.D | 8.82        | 3.80        |
| AR1232ICC050      | AR1232ICC050     | 05/19/2025       | 12:27            | PP072174.D | 8.82        | 3.80        |
| AR1242ICC1000     | AR1242ICC1000    | 05/19/2025       | 12:43            | PP072175.D | 8.83        | 3.80        |
| AR1242ICC750      | AR1242ICC750     | 05/19/2025       | 12:59            | PP072176.D | 8.83        | 3.80        |
| AR1242ICC500      | AR1242ICC500     | 05/19/2025       | 13:15            | PP072177.D | 8.83        | 3.80        |
| AR1242ICC250      | AR1242ICC250     | 05/19/2025       | 13:32            | PP072178.D | 8.83        | 3.80        |
| AR1242ICC050      | AR1242ICC050     | 05/19/2025       | 13:48            | PP072179.D | 8.82        | 3.80        |
| AR1248ICC1000     | AR1248ICC1000    | 05/19/2025       | 14:04            | PP072180.D | 8.83        | 3.80        |
| AR1248ICC750      | AR1248ICC750     | 05/19/2025       | 14:20            | PP072181.D | 8.83        | 3.80        |
| AR1248ICC500      | AR1248ICC500     | 05/19/2025       | 14:37            | PP072182.D | 8.83        | 3.80        |
| AR1248ICC250      | AR1248ICC250     | 05/19/2025       | 14:53            | PP072183.D | 8.83        | 3.80        |
| AR1248ICC050      | AR1248ICC050     | 05/19/2025       | 15:25            | PP072184.D | 8.82        | 3.80        |
| AR1254ICC1000     | AR1254ICC1000    | 05/19/2025       | 15:42            | PP072185.D | 8.83        | 3.80        |
| AR1254ICC750      | AR1254ICC750     | 05/19/2025       | 15:58            | PP072186.D | 8.83        | 3.80        |
| AR1254ICC500      | AR1254ICC500     | 05/19/2025       | 16:14            | PP072187.D | 8.83        | 3.80        |
| AR1254ICC250      | AR1254ICC250     | 05/19/2025       | 16:31            | PP072188.D | 8.83        | 3.80        |
| AR1254ICC050      | AR1254ICC050     | 05/19/2025       | 16:47            | PP072189.D | 8.83        | 3.80        |
| AR1262ICC500      | AR1262ICC500     | 05/19/2025       | 17:03            | PP072190.D | 8.83        | 3.80        |
| AR1268ICC1000     | AR1268ICC1000    | 05/19/2025       | 17:20            | PP072191.D | 8.83        | 3.80        |
| AR1268ICC750      | AR1268ICC750     | 05/19/2025       | 17:36            | PP072192.D | 8.83        | 3.80        |
| AR1268ICC500      | AR1268ICC500     | 05/19/2025       | 17:53            | PP072193.D | 8.83        | 3.80        |
| AR1268ICC250      | AR1268ICC250     | 05/19/2025       | 18:09            | PP072194.D | 8.82        | 3.80        |
| AR1268ICC050      | AR1268ICC050     | 05/19/2025       | 18:25            | PP072195.D | 8.82        | 3.80        |
| AR1660CCC500      | AR1660CCC500     | 06/13/2025       | 09:44            | PP072898.D | 8.80        | 3.79        |
| IBLK              | IBLK             | 06/13/2025       | 11:06            | PP072903.D | 8.80        | 3.79        |
| PB168459BL        | PB168459BL       | 06/13/2025       | 11:22            | PP072904.D | 8.80        | 3.79        |
| PB168459BS        | PB168459BS       | 06/13/2025       | 11:39            | PP072905.D | 8.80        | 3.79        |
| WC-URBAN-FILL-C   | Q2301-02         | 06/13/2025       | 12:44            | PP072909.D | 8.80        | 3.79        |
| TR-04-06122025MS  | Q2305-01MS       | 06/13/2025       | 13:16            | PP072911.D | 8.80        | 3.79        |
| TR-04-06122025MSD | Q2305-01MSD      | 06/13/2025       | 13:33            | PP072912.D | 8.80        | 3.79        |
| AR1660CCC500      | AR1660CCC500     | 06/13/2025       | 14:48            | PP072914.D | 8.80        | 3.79        |
| IBLK              | IBLK             | 06/13/2025       | 15:54            | PP072918.D | 8.80        | 3.79        |

## **Analytical Sequence**

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IDENTIFICATION SUMMARY  
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB168459BS

Contract: ENTA05

Lab Code: CHEM Case No.: Q2301 SAS No.: Q2301 SDG NO.: Q2301

Lab Sample ID: PB168459BS Date(s) Analyzed: 06/13/2025 06/13/2025

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 PP072905.D

| ANALYTE      | COL | RT    | RT WINDOW |       | CONCENTRATION | MEAN<br>CONCENTRATION | %RPD  |
|--------------|-----|-------|-----------|-------|---------------|-----------------------|-------|
|              |     |       | FROM      | TO    |               |                       |       |
| Aroclor-1016 | 1   | 5.649 | 5.599     | 5.699 | 118           | 128                   | 5.32  |
| COLUMN 1     | 2   | 5.67  | 5.62      | 5.72  | 131           |                       |       |
|              | 3   | 5.732 | 5.682     | 5.782 | 128           |                       |       |
|              | 4   | 5.83  | 5.78      | 5.88  | 133           |                       |       |
|              | 5   | 6.122 | 6.072     | 6.172 | 127           |                       |       |
|              | 1   | 4.872 | 4.822     | 4.922 | 134           |                       |       |
| COLUMN 2     | 2   | 4.89  | 4.84      | 4.94  | 138           | 135                   |       |
|              | 3   | 5.066 | 5.016     | 5.116 | 136           |                       |       |
|              | 4   | 5.108 | 5.058     | 5.158 | 136           |                       |       |
|              | 5   | 5.322 | 5.272     | 5.372 | 132           |                       |       |
|              |     |       |           |       |               |                       |       |
| Aroclor-1260 | 1   | 7.239 | 7.189     | 7.289 | 135           | 126                   | 17.39 |
| COLUMN 1     | 2   | 7.493 | 7.443     | 7.543 | 133           |                       |       |
|              | 3   | 7.85  | 7.8       | 7.9   | 115           |                       |       |
|              | 4   | 8.074 | 8.024     | 8.124 | 125           |                       |       |
|              | 5   | 8.392 | 8.342     | 8.442 | 124           |                       |       |
|              | 1   | 6.353 | 6.303     | 6.403 | 153           | 150                   |       |
| COLUMN 2     | 2   | 6.542 | 6.492     | 6.592 | 153           |                       |       |
|              | 3   | 6.693 | 6.643     | 6.743 | 158           |                       |       |
|              | 4   | 7.163 | 7.113     | 7.213 | 141           |                       |       |
|              | 5   | 7.406 | 7.356     | 7.456 | 144           |                       |       |
|              |     |       |           |       |               |                       |       |

IDENTIFICATION SUMMARY  
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

TR-04-06122025MS

Contract: ENTA05

Lab Code: CHEM Case No.: Q2301 SAS No.: Q2301 SDG NO.: Q2301

Lab Sample ID: Q2305-01MS Date(s) Analyzed: 06/13/2025 06/13/2025

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 PP072911.D

| ANALYTE      | COL          | RT    | RT WINDOW |       | CONCENTRATION | MEAN<br>CONCENTRATION | %RPD |
|--------------|--------------|-------|-----------|-------|---------------|-----------------------|------|
|              |              |       | FROM      | TO    |               |                       |      |
| Aroclor-1016 | 1            | 5.649 | 5.599     | 5.699 | 109           | 118                   | 11.2 |
| COLUMN 1     | 2            | 5.67  | 5.62      | 5.72  | 111           |                       |      |
|              | 3            | 5.733 | 5.683     | 5.783 | 113           |                       |      |
|              | 4            | 5.829 | 5.779     | 5.879 | 143           |                       |      |
|              | 5            | 6.121 | 6.071     | 6.171 | 112           |                       |      |
|              | 1            | 4.871 | 4.821     | 4.921 | 128           |                       |      |
| COLUMN 2     | 2            | 4.889 | 4.839     | 4.939 | 134           | 132                   |      |
|              | 3            | 5.065 | 5.015     | 5.115 | 132           |                       |      |
|              | 4            | 5.107 | 5.057     | 5.157 | 134           |                       |      |
|              | 5            | 5.321 | 5.271     | 5.371 | 131           |                       |      |
|              | Aroclor-1260 | 1     | 7.239     | 7.189 | 7.289         |                       | 122  |
| COLUMN 1     | 2            | 7.492 | 7.442     | 7.542 | 121           |                       |      |
|              | 3            | 7.851 | 7.801     | 7.901 | 97.7          |                       |      |
|              | 4            | 8.074 | 8.024     | 8.124 | 114           |                       |      |
|              | 5            | 8.393 | 8.343     | 8.443 | 111           |                       |      |
|              | 1            | 6.352 | 6.302     | 6.402 | 138           | 130                   |      |
| COLUMN 2     | 2            | 6.541 | 6.491     | 6.591 | 129           |                       |      |
|              | 3            | 6.692 | 6.642     | 6.742 | 140           |                       |      |
|              | 4            | 7.163 | 7.113     | 7.213 | 121           |                       |      |
|              | 5            | 7.405 | 7.355     | 7.455 | 123           |                       |      |
|              |              |       |           |       |               |                       |      |

IDENTIFICATION SUMMARY  
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

TR-04-06122025MSD

Contract: ENTA05

Lab Code: CHEM Case No.: Q2301 SAS No.: Q2301 SDG NO.: Q2301

Lab Sample ID: Q2305-01MSD Date(s) Analyzed: 06/13/2025 06/13/2025

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 PP072912.D

| ANALYTE      | COL | RT    | RT WINDOW |       | CONCENTRATION | MEAN<br>CONCENTRATION | %RPD  |
|--------------|-----|-------|-----------|-------|---------------|-----------------------|-------|
|              |     |       | FROM      | TO    |               |                       |       |
| Aroclor-1016 | 1   | 5.648 | 5.598     | 5.698 | 107           | 123                   | 7.81  |
| COLUMN 1     | 2   | 5.67  | 5.62      | 5.72  | 114           |                       |       |
|              | 3   | 5.731 | 5.681     | 5.781 | 113           |                       |       |
|              | 4   | 5.829 | 5.779     | 5.879 | 142           |                       |       |
|              | 5   | 6.12  | 6.07      | 6.17  | 139           |                       |       |
|              | 1   | 4.871 | 4.821     | 4.921 | 135           |                       |       |
| COLUMN 2     | 2   | 4.889 | 4.839     | 4.939 | 136           | 133                   |       |
|              | 3   | 5.065 | 5.015     | 5.115 | 133           |                       |       |
|              | 4   | 5.107 | 5.057     | 5.157 | 135           |                       |       |
|              | 5   | 5.321 | 5.271     | 5.371 | 129           |                       |       |
|              |     |       |           |       |               |                       |       |
| Aroclor-1260 | 1   | 7.238 | 7.188     | 7.288 | 116           | 104                   | 18.34 |
| COLUMN 1     | 2   | 7.492 | 7.442     | 7.542 | 111           |                       |       |
|              | 3   | 7.849 | 7.799     | 7.899 | 91.5          |                       |       |
|              | 4   | 8.072 | 8.022     | 8.122 | 98.6          |                       |       |
|              | 5   | 8.392 | 8.342     | 8.442 | 104           |                       |       |
|              | 1   | 6.353 | 6.303     | 6.403 | 135           |                       |       |
| COLUMN 2     | 2   | 6.542 | 6.492     | 6.592 | 125           | 125                   |       |
|              | 3   | 6.693 | 6.643     | 6.743 | 133           |                       |       |
|              | 4   | 7.163 | 7.113     | 7.213 | 114           |                       |       |
|              | 5   | 7.405 | 7.355     | 7.455 | 116           |                       |       |
|              |     |       |           |       |               |                       |       |



# QC SAMPLE DATA

## Report of Analysis

|                    |                                     |                    |       |
|--------------------|-------------------------------------|--------------------|-------|
| Client:            | ENTACT                              | Date Collected:    |       |
| Project:           | 540 Degraw St, Brooklyn, NY - E9309 | Date Received:     |       |
| Client Sample ID:  | PB168459BL                          | SDG No.:           | Q2301 |
| Lab Sample ID:     | PB168459BL                          | Matrix:            | SOIL  |
| Analytical Method: | 8082A                               | % 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 |
| PP072904.D        | 1         | 06/13/25 08:05 | 06/13/25 11:22 | PB168459      |

| CAS Number        | Parameter            | Conc.  | Qualifier | MDL                 | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|--------|-----------|---------------------|------------|-------------------|
| <b>TARGETS</b>    |                      |        |           |                     |            |                   |
| 12674-11-2        | Aroclor-1016         | 0.0039 | U         | 0.0039              | 0.017      | mg/Kg             |
| 11104-28-2        | Aroclor-1221         | 0.0040 | U         | 0.0040              | 0.017      | mg/Kg             |
| 11141-16-5        | Aroclor-1232         | 0.0037 | U         | 0.0037              | 0.017      | mg/Kg             |
| 53469-21-9        | Aroclor-1242         | 0.0040 | U         | 0.0040              | 0.017      | mg/Kg             |
| 12672-29-6        | Aroclor-1248         | 0.0059 | U         | 0.0059              | 0.017      | mg/Kg             |
| 11097-69-1        | Aroclor-1254         | 0.0032 | U         | 0.0032              | 0.017      | mg/Kg             |
| 37324-23-5        | Aroclor-1262         | 0.0050 | U         | 0.0050              | 0.017      | mg/Kg             |
| 11100-14-4        | Aroclor-1268         | 0.0036 | U         | 0.0036              | 0.017      | mg/Kg             |
| 11096-82-5        | Aroclor-1260         | 0.0032 | U         | 0.0032              | 0.017      | mg/Kg             |
| <b>SURROGATES</b> |                      |        |           |                     |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 21.1   |           | 30 (32) - 150 (144) | 106%       | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 25.4   |           | 30 (32) - 150 (175) | 127%       | 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\PP061325\  
 Data File : PP072904.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Jun 2025 11:22  
 Operator : YP\AJ  
 Sample : PB168459BL  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 PB168459BL

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/16/2025  
 Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 13 12:08:29 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat May 24 03:32:20 2025  
 Response via : 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...          | 4.497  | 3.792 | 40020638 | 33746247 | 19.903  | 21.113  |
| 2) SA Decachlor...          | 10.190 | 8.802 | 33785867 | 26885290 | 20.739m | 25.397m |

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP061325\  
Data File : PP072904.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Jun 2025 11:22  
Operator : YP\AJ  
Sample : PB168459BL  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

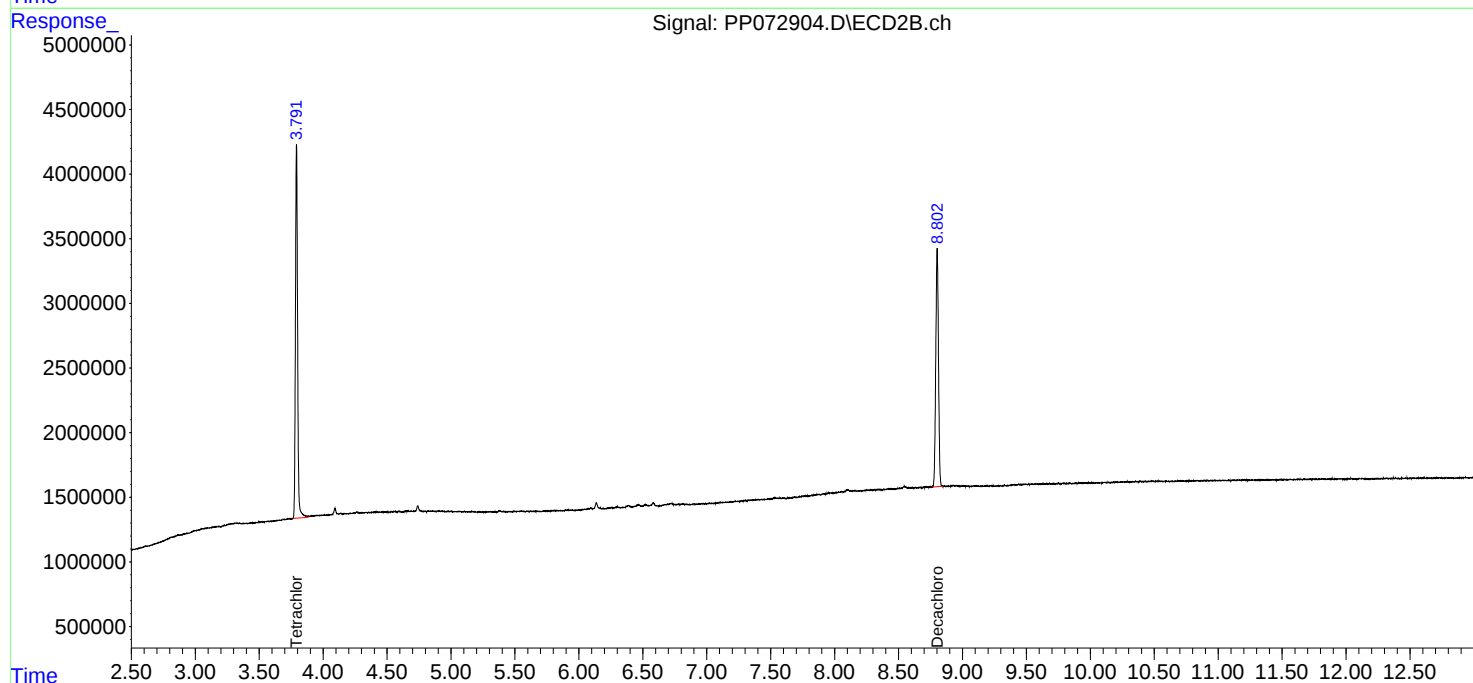
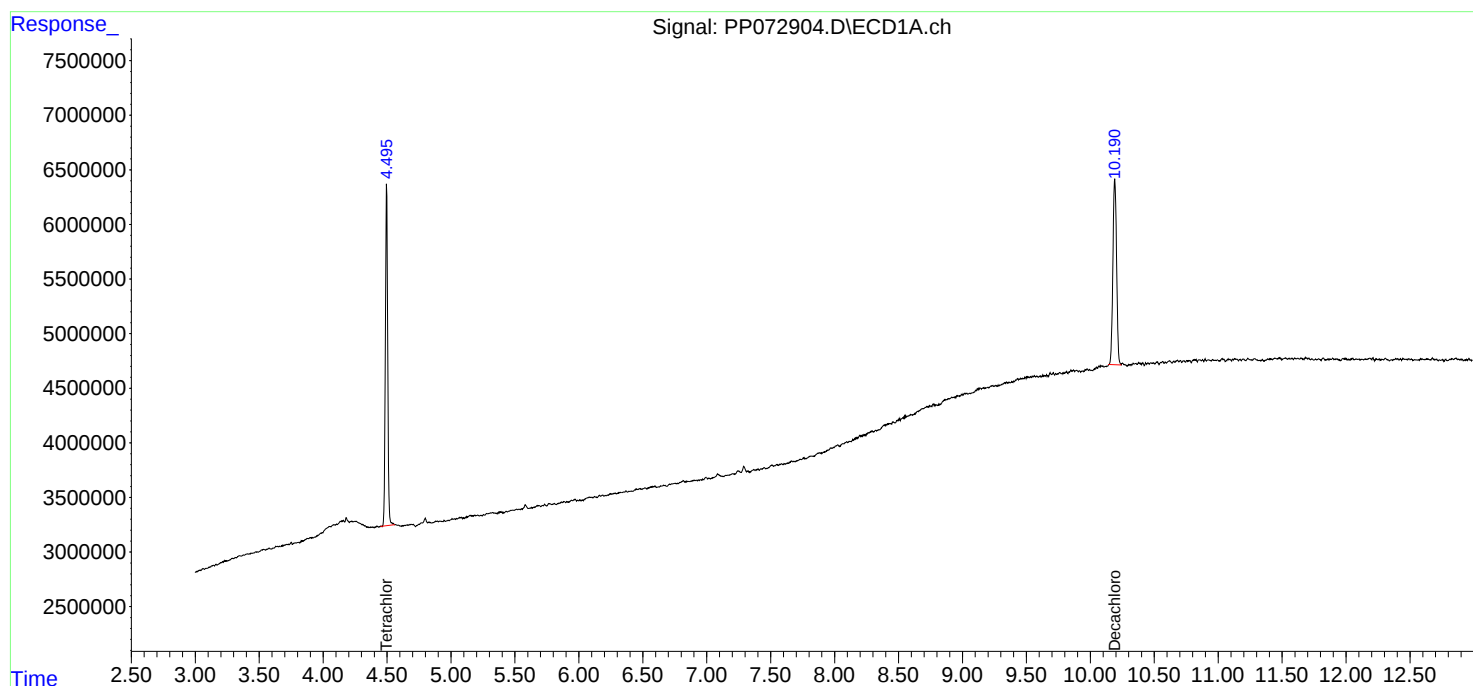
Instrument :  
ECD\_P  
ClientSampleId :  
PB168459BL

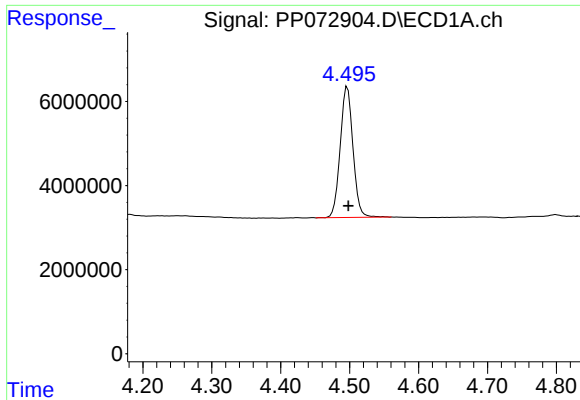
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 06/16/2025  
Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 13 12:08:29 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat May 24 03:32:20 2025  
Response via : 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





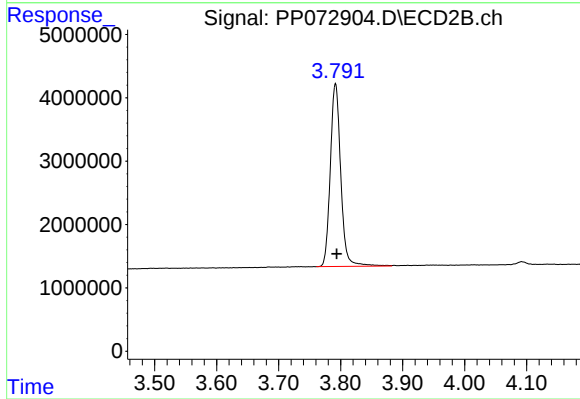
## #1 Tetrachloro-m-xylene

R.T.: 4.497 min  
Delta R.T.: -0.001 min  
Response: 40020638  
Conc: 19.90 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
PB168459BL

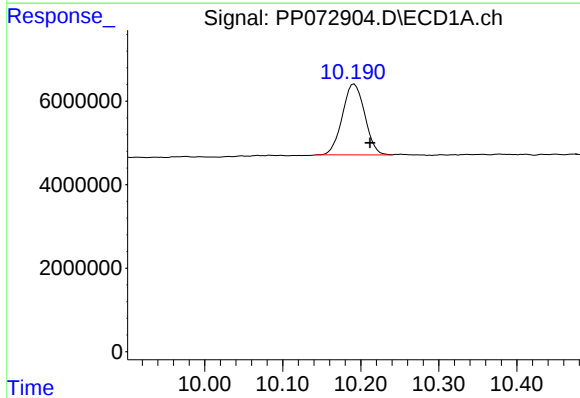
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 06/16/2025  
Supervised By :mohammad ahmed 06/17/2025



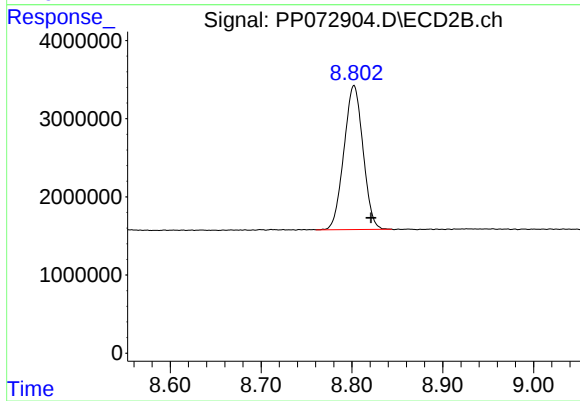
## #1 Tetrachloro-m-xylene

R.T.: 3.792 min  
Delta R.T.: -0.002 min  
Response: 33746247  
Conc: 21.11 ng/ml



## #2 Decachlorobiphenyl

R.T.: 10.190 min  
Delta R.T.: -0.022 min  
Response: 33785867  
Conc: 20.74 ng/ml m



## #2 Decachlorobiphenyl

R.T.: 8.802 min  
Delta R.T.: -0.019 min  
Response: 26885290  
Conc: 25.40 ng/ml m

## Report of Analysis

|                    |                                     |                    |          |
|--------------------|-------------------------------------|--------------------|----------|
| Client:            | ENTACT                              | Date Collected:    | 05/19/25 |
| Project:           | 540 Degraw St, Brooklyn, NY - E9309 | Date Received:     | 05/19/25 |
| Client Sample ID:  | PIBLK-PP072163.D                    | SDG No.:           | Q2301    |
| Lab Sample ID:     | I.BLK-PP072163.D                    | Matrix:            | WATER    |
| Analytical Method: | 8082A                               | % 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 |
| PP072163.D        | 1         |           | 05/19/25      | PP051925      |

| CAS Number        | Parameter            | Conc.    | Qualifier | MDL                 | LOQ / CRQL | Units   |
|-------------------|----------------------|----------|-----------|---------------------|------------|---------|
| <b>TARGETS</b>    |                      |          |           |                     |            |         |
| 12674-11-2        | Aroclor-1016         | 0.000097 | U         | 0.000097            | 0.00050    | mg/L    |
| 11104-28-2        | Aroclor-1221         | 0.00013  | U         | 0.00013             | 0.00050    | mg/L    |
| 11141-16-5        | Aroclor-1232         | 0.000096 | U         | 0.000096            | 0.00050    | mg/L    |
| 53469-21-9        | Aroclor-1242         | 0.00012  | U         | 0.00012             | 0.00050    | mg/L    |
| 12672-29-6        | Aroclor-1248         | 0.000071 | U         | 0.000071            | 0.00050    | mg/L    |
| 11097-69-1        | Aroclor-1254         | 0.000094 | U         | 0.000094            | 0.00050    | mg/L    |
| 11096-82-5        | Aroclor-1260         | 0.000081 | U         | 0.000081            | 0.00050    | mg/L    |
| 37324-23-5        | Aroclor-1262         | 0.00014  | U         | 0.00014             | 0.00050    | mg/L    |
| 11100-14-4        | Aroclor-1268         | 0.00011  | U         | 0.00011             | 0.00050    | mg/L    |
| <b>SURROGATES</b> |                      |          |           |                     |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 16.3     |           | 70 (60) - 130 (140) | 82%        | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 16.7     |           | 70 (60) - 130 (140) | 84%        | SPK: 20 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
Data File : PP072163.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 May 2025 09:26  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 20 03:35:39 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue May 20 03:29:33 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...          | 4.495  | 3.788 | 32787184 | 26552565 | 16.306 | 16.612 |
| 2) SA Decachlor...          | 10.213 | 8.822 | 27208113 | 18027788 | 16.701 | 17.030 |

Target Compounds

-----

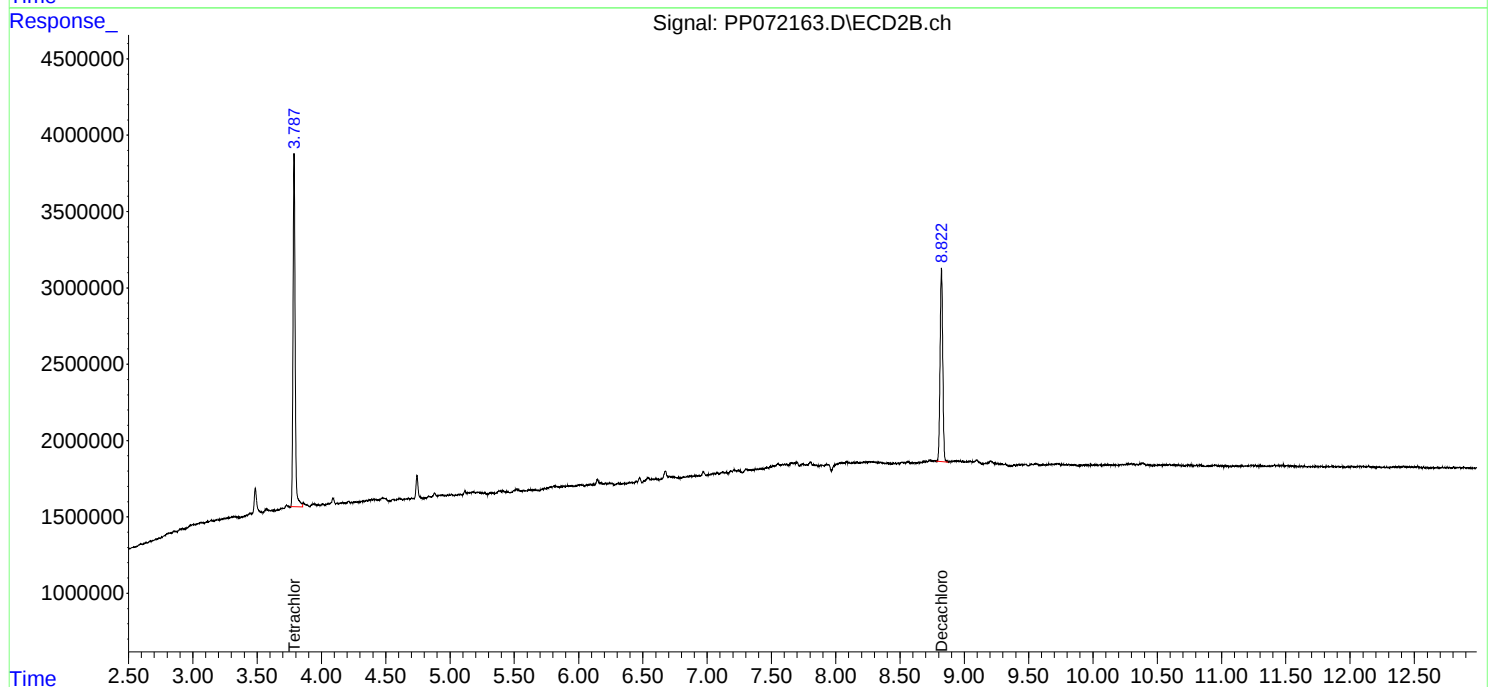
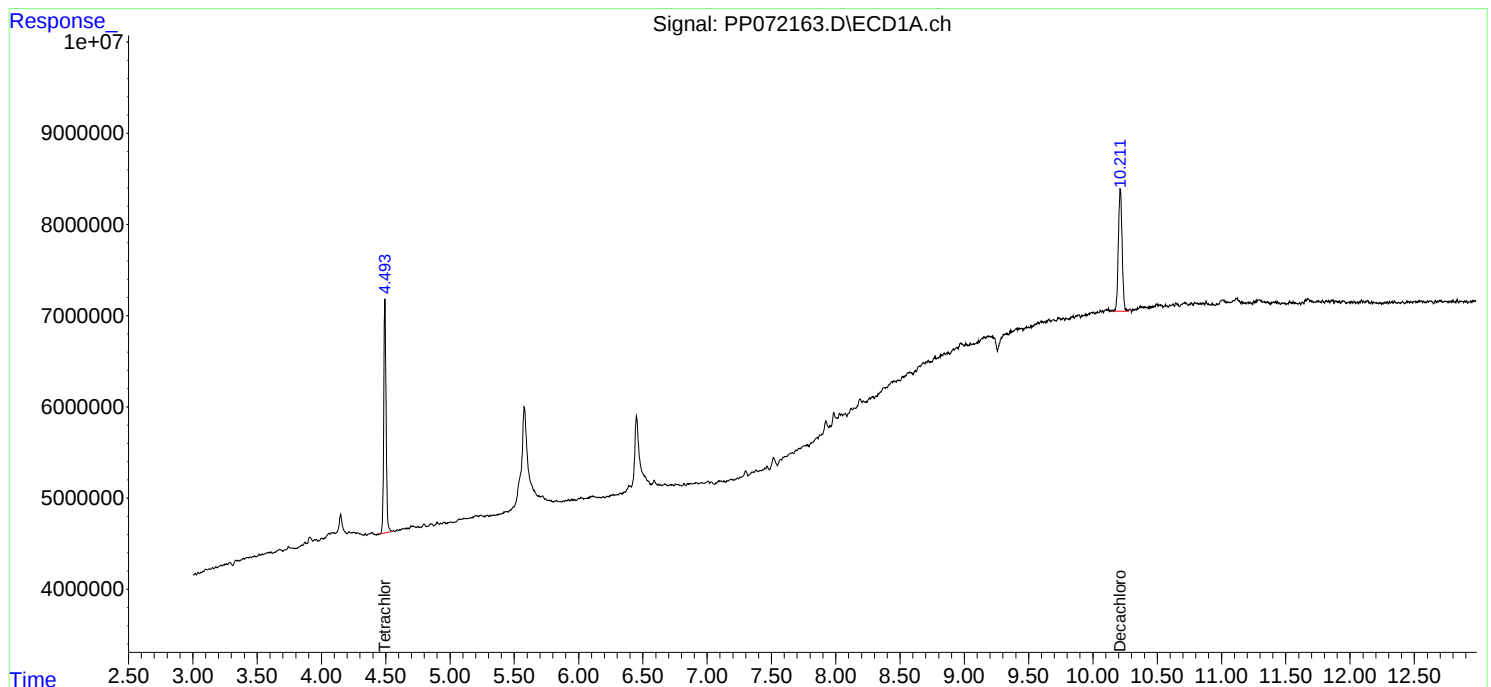
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

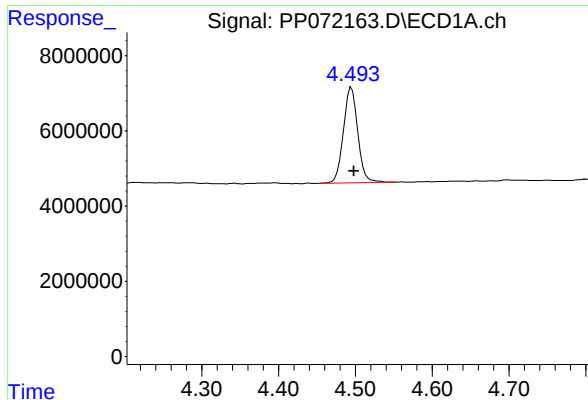
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP051925\  
Data File : PP072163.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 May 2025 09:26  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 20 03:35:39 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Tue May 20 03:29:33 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

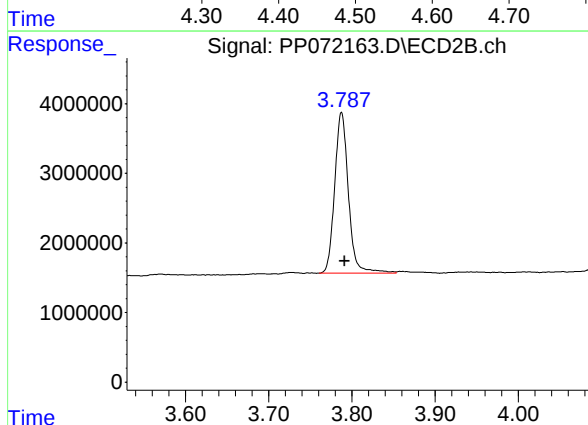




## #1 Tetrachloro-m-xylene

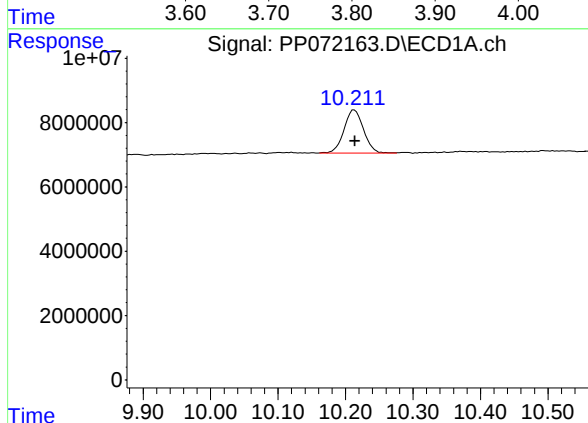
R.T.: 4.495 min  
Delta R.T.: -0.003 min  
Response: 32787184  
Conc: 16.31 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK



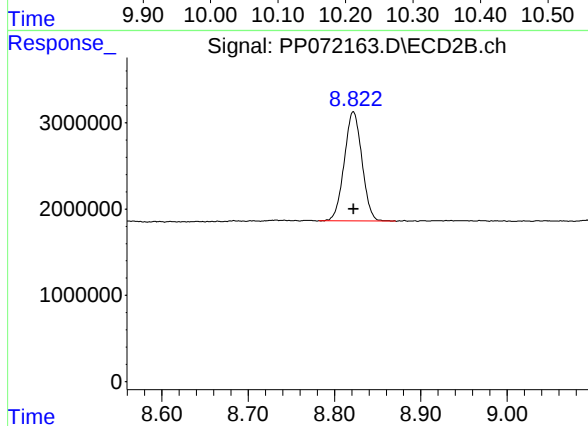
## #1 Tetrachloro-m-xylene

R.T.: 3.788 min  
Delta R.T.: -0.004 min  
Response: 26552565  
Conc: 16.61 ng/ml



## #2 Decachlorobiphenyl

R.T.: 10.213 min  
Delta R.T.: 0.000 min  
Response: 27208113  
Conc: 16.70 ng/ml



## #2 Decachlorobiphenyl

R.T.: 8.822 min  
Delta R.T.: 0.000 min  
Response: 18027788  
Conc: 17.03 ng/ml

## Report of Analysis

|                    |                                     |                    |          |
|--------------------|-------------------------------------|--------------------|----------|
| Client:            | ENTACT                              | Date Collected:    | 06/13/25 |
| Project:           | 540 Degraw St, Brooklyn, NY - E9309 | Date Received:     | 06/13/25 |
| Client Sample ID:  | PIBLK-PP072903.D                    | SDG No.:           | Q2301    |
| Lab Sample ID:     | I.BLK-PP072903.D                    | Matrix:            | WATER    |
| Analytical Method: | 8082A                               | % 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 |
| PP072903.D        | 1         |           | 06/13/25      | PP061325      |

| CAS Number        | Parameter            | Conc.    | Qualifier | MDL                 | LOQ / CRQL | Units   |
|-------------------|----------------------|----------|-----------|---------------------|------------|---------|
| <b>TARGETS</b>    |                      |          |           |                     |            |         |
| 12674-11-2        | Aroclor-1016         | 0.000097 | U         | 0.000097            | 0.00050    | mg/L    |
| 11104-28-2        | Aroclor-1221         | 0.00013  | U         | 0.00013             | 0.00050    | mg/L    |
| 11141-16-5        | Aroclor-1232         | 0.000096 | U         | 0.000096            | 0.00050    | mg/L    |
| 53469-21-9        | Aroclor-1242         | 0.00012  | U         | 0.00012             | 0.00050    | mg/L    |
| 12672-29-6        | Aroclor-1248         | 0.000071 | U         | 0.000071            | 0.00050    | mg/L    |
| 11097-69-1        | Aroclor-1254         | 0.000094 | U         | 0.000094            | 0.00050    | mg/L    |
| 11096-82-5        | Aroclor-1260         | 0.000081 | U         | 0.000081            | 0.00050    | mg/L    |
| 37324-23-5        | Aroclor-1262         | 0.00014  | U         | 0.00014             | 0.00050    | mg/L    |
| 11100-14-4        | Aroclor-1268         | 0.00011  | U         | 0.00011             | 0.00050    | mg/L    |
| <b>SURROGATES</b> |                      |          |           |                     |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 19.4     |           | 70 (60) - 130 (140) | 97%        | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 20.3     |           | 70 (60) - 130 (140) | 102%       | SPK: 20 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP061325\  
 Data File : PP072903.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Jun 2025 11:06  
 Operator : YP\AJ  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 I.BLK

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/16/2025  
 Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 13 12:07:46 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat May 24 03:32:20 2025  
 Response via : 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...          | 4.496  | 3.791 | 38967063 | 33197340 | 19.379  | 20.770  |
| 2) SA Decachlor...          | 10.190 | 8.802 | 33116462 | 25031097 | 20.328m | 23.645m |

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP061325\  
Data File : PP072903.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Jun 2025 11:06  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

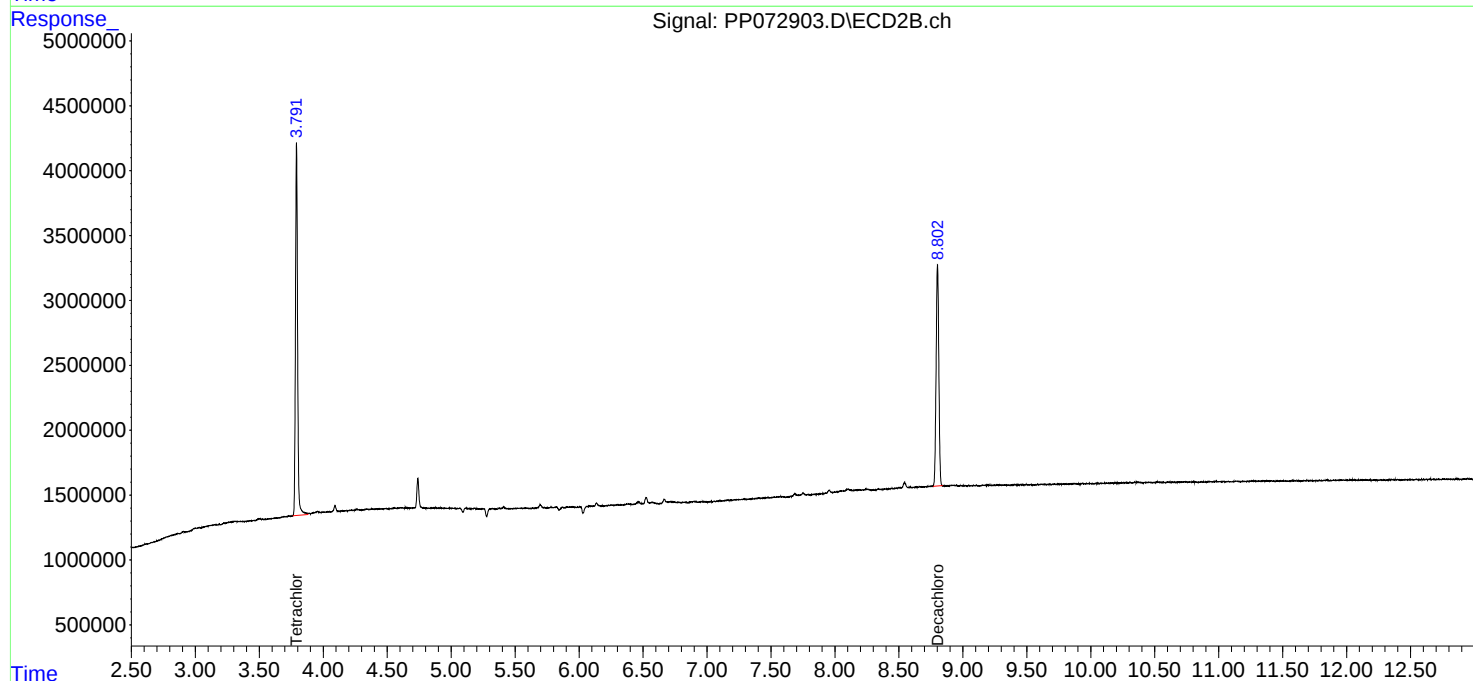
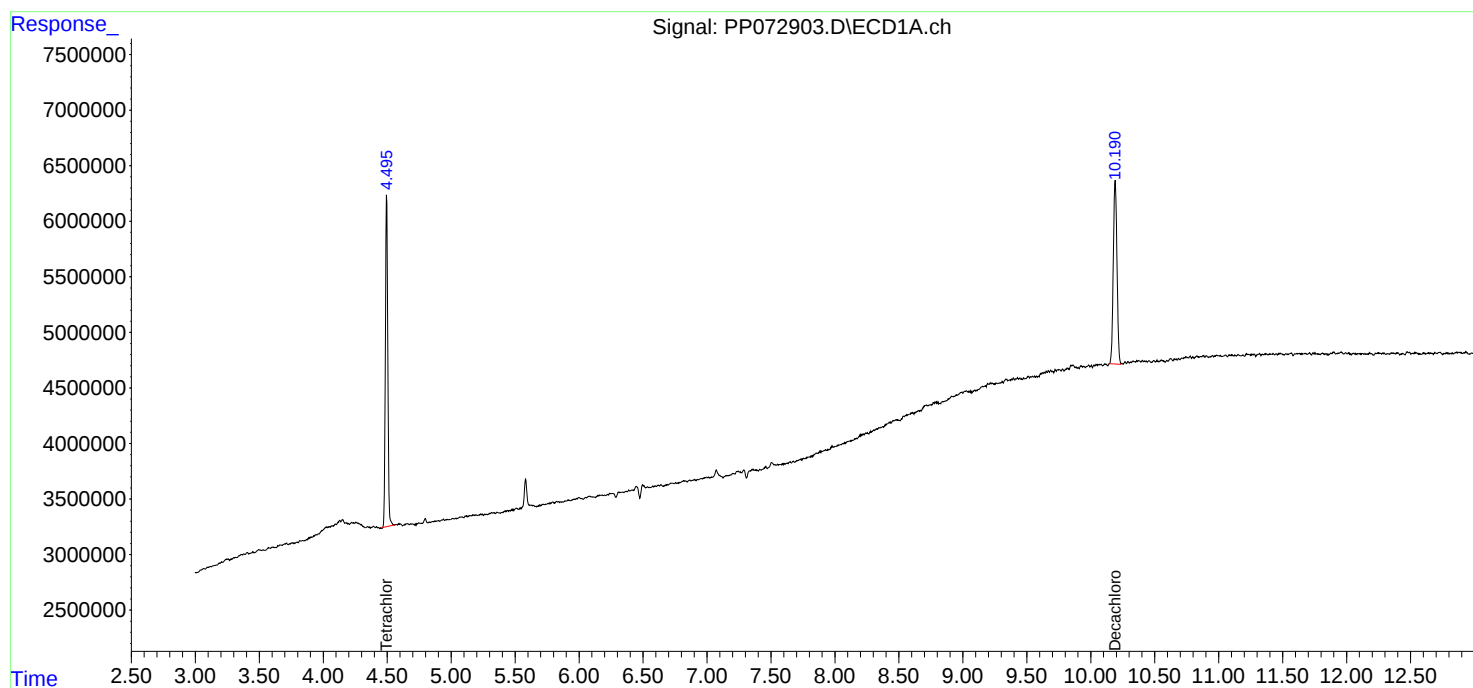
Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK

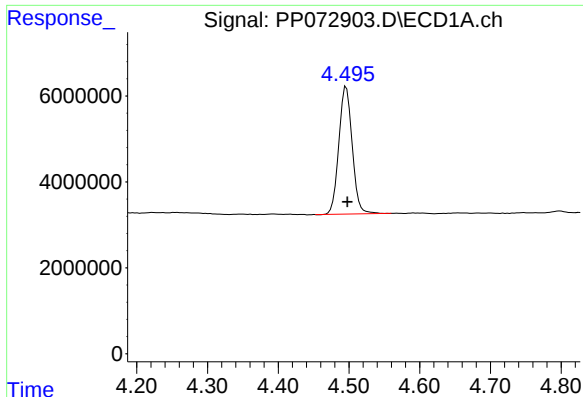
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 06/16/2025  
Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 13 12:07:46 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat May 24 03:32:20 2025  
Response via : 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





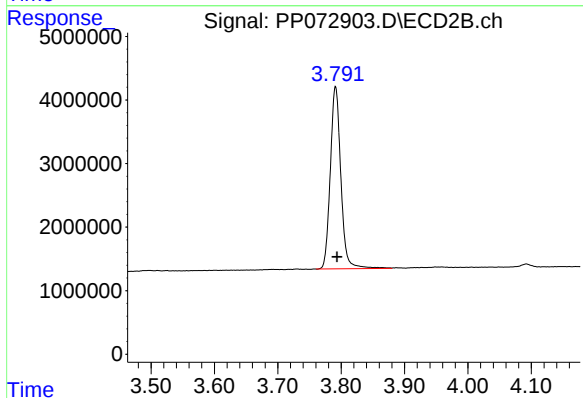
## #1 Tetrachloro-m-xylene

R.T.: 4.496 min  
Delta R.T.: -0.002 min  
Response: 38967063  
Conc: 19.38 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK

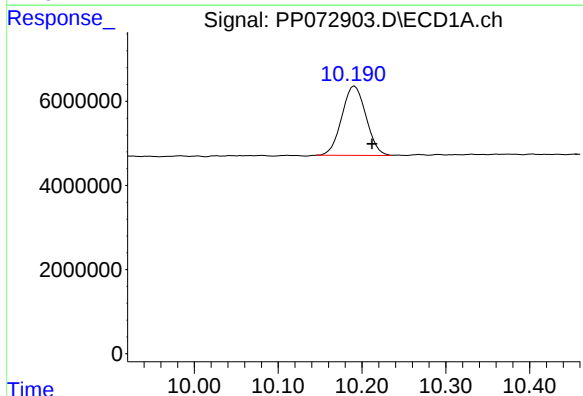
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 06/16/2025  
Supervised By :mohammad ahmed 06/17/2025



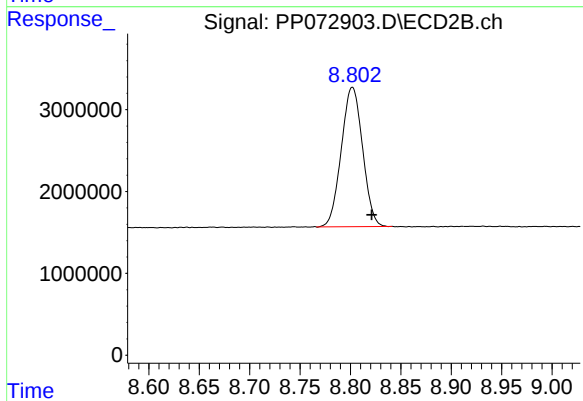
## #1 Tetrachloro-m-xylene

R.T.: 3.791 min  
Delta R.T.: -0.002 min  
Response: 33197340  
Conc: 20.77 ng/ml



## #2 Decachlorobiphenyl

R.T.: 10.190 min  
Delta R.T.: -0.022 min  
Response: 33116462  
Conc: 20.33 ng/ml m



## #2 Decachlorobiphenyl

R.T.: 8.802 min  
Delta R.T.: -0.019 min  
Response: 25031097  
Conc: 23.65 ng/ml m

## Report of Analysis

|                    |                                     |                    |          |
|--------------------|-------------------------------------|--------------------|----------|
| Client:            | ENTACT                              | Date Collected:    | 06/13/25 |
| Project:           | 540 Degraw St, Brooklyn, NY - E9309 | Date Received:     | 06/13/25 |
| Client Sample ID:  | PIBLK-PP072918.D                    | SDG No.:           | Q2301    |
| Lab Sample ID:     | I.BLK-PP072918.D                    | Matrix:            | WATER    |
| Analytical Method: | 8082A                               | % 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 |
| PP072918.D        | 1         |           | 06/13/25      | pp061325      |

| CAS Number        | Parameter            | Conc.    | Qualifier | MDL                 | LOQ / CRQL | Units   |
|-------------------|----------------------|----------|-----------|---------------------|------------|---------|
| <b>TARGETS</b>    |                      |          |           |                     |            |         |
| 12674-11-2        | Aroclor-1016         | 0.000097 | U         | 0.000097            | 0.00050    | mg/L    |
| 11104-28-2        | Aroclor-1221         | 0.00013  | U         | 0.00013             | 0.00050    | mg/L    |
| 11141-16-5        | Aroclor-1232         | 0.000096 | U         | 0.000096            | 0.00050    | mg/L    |
| 53469-21-9        | Aroclor-1242         | 0.00012  | U         | 0.00012             | 0.00050    | mg/L    |
| 12672-29-6        | Aroclor-1248         | 0.000071 | U         | 0.000071            | 0.00050    | mg/L    |
| 11097-69-1        | Aroclor-1254         | 0.000094 | U         | 0.000094            | 0.00050    | mg/L    |
| 11096-82-5        | Aroclor-1260         | 0.000081 | U         | 0.000081            | 0.00050    | mg/L    |
| 37324-23-5        | Aroclor-1262         | 0.00014  | U         | 0.00014             | 0.00050    | mg/L    |
| 11100-14-4        | Aroclor-1268         | 0.00011  | U         | 0.00011             | 0.00050    | mg/L    |
| <b>SURROGATES</b> |                      |          |           |                     |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 18.8     |           | 70 (60) - 130 (140) | 94%        | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 17.9     |           | 70 (60) - 130 (140) | 90%        | SPK: 20 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP061325\  
 Data File : PP072918.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Jun 2025 15:54  
 Operator : YP\AJ  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 I.BLK

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/16/2025  
 Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 13 22:34:27 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat May 24 03:32:20 2025  
 Response via : 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...          | 4.498  | 3.792 | 37808692 | 32562628 | 18.803  | 20.373   |
| 2) SA Decachlor...          | 10.190 | 8.802 | 29208123 | 23984693 | 17.929m | 22.657m# |

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP061325\  
Data File : PP072918.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Jun 2025 15:54  
Operator : YP\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

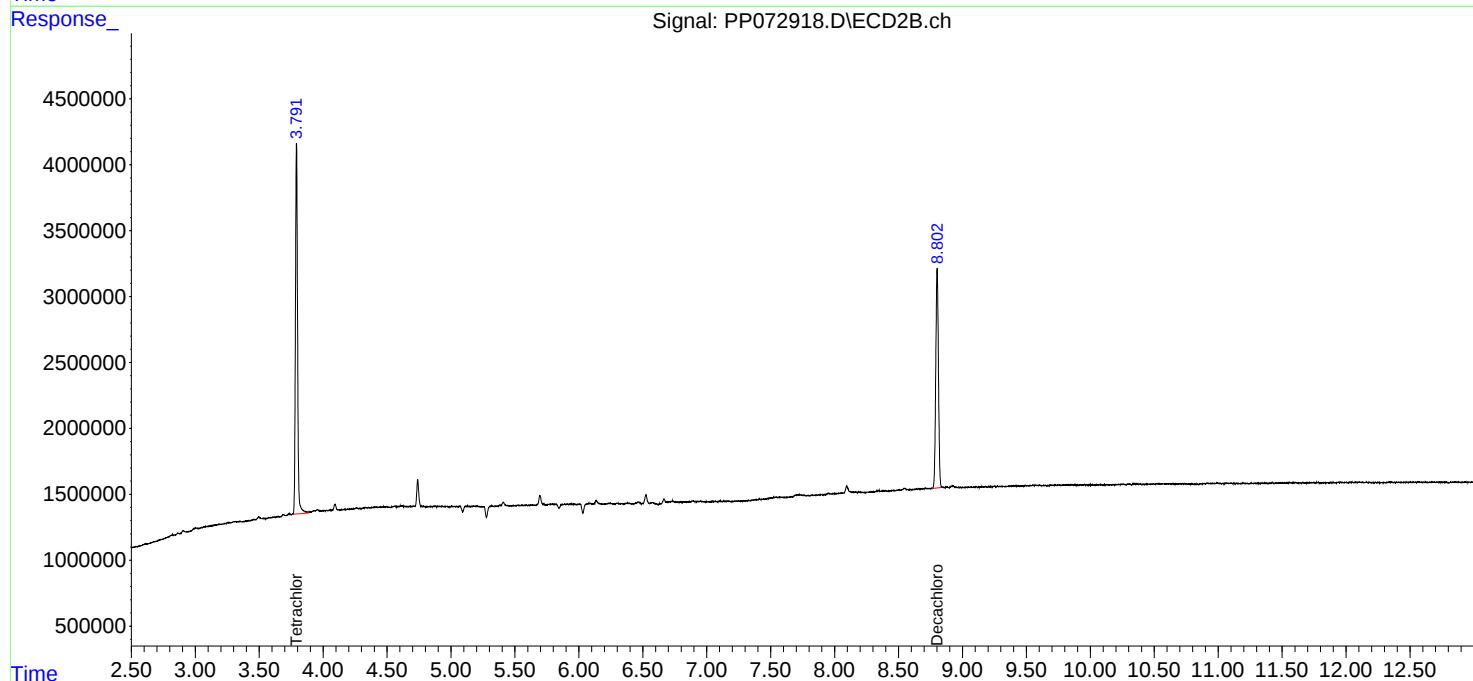
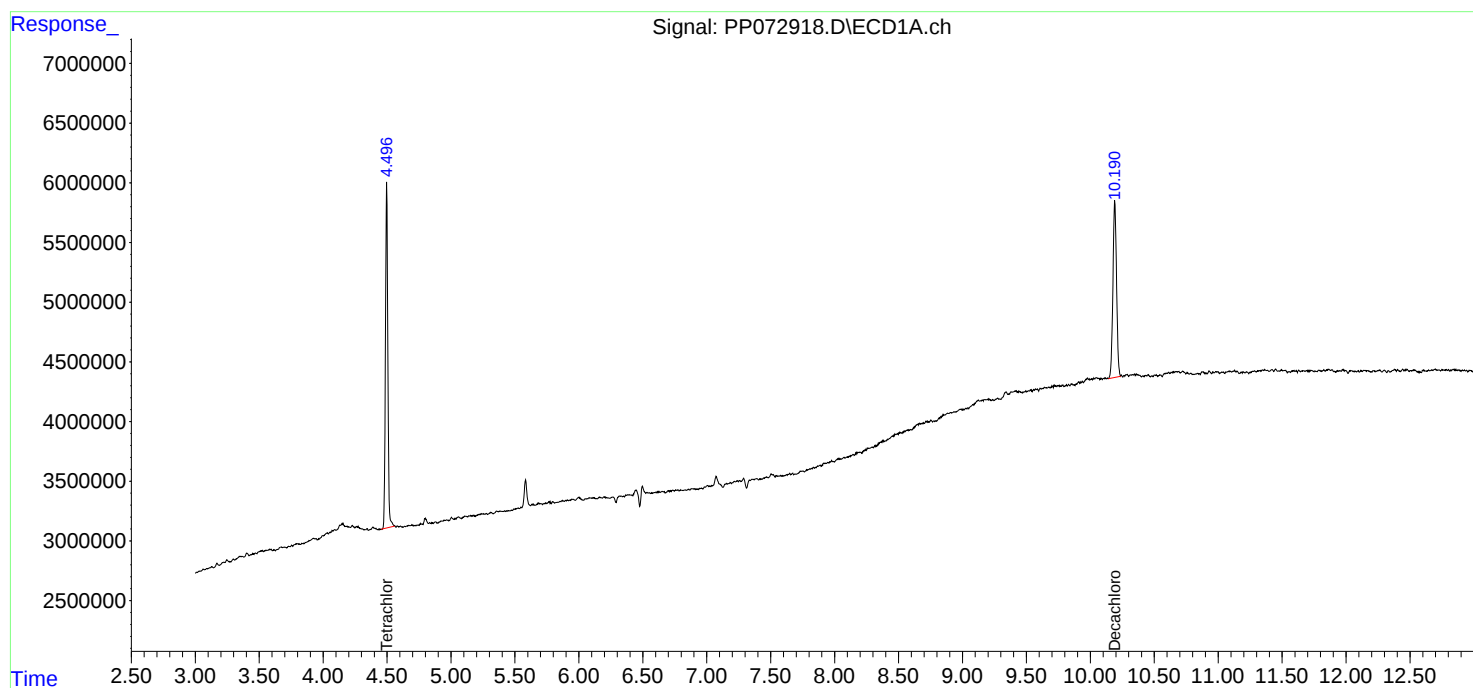
Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK

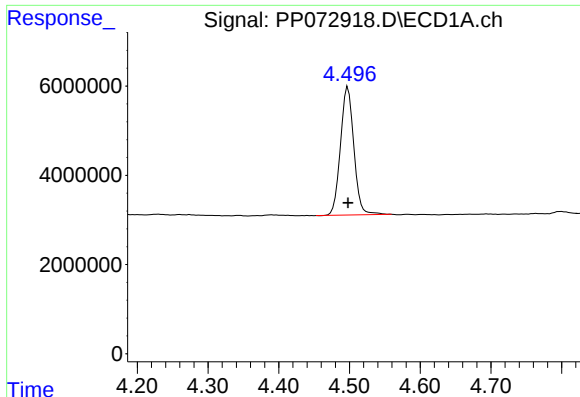
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 06/16/2025  
Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 13 22:34:27 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat May 24 03:32:20 2025  
Response via : 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





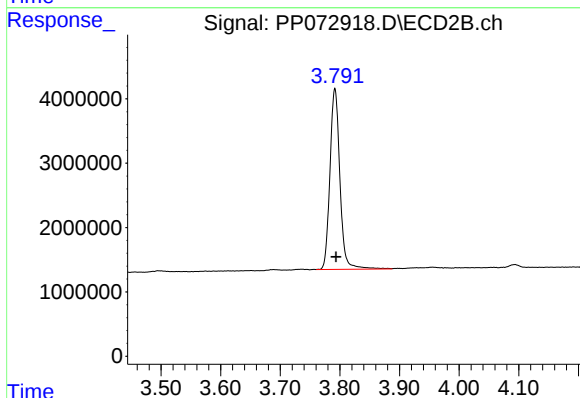
## #1 Tetrachloro-m-xylene

R.T.: 4.498 min  
Delta R.T.: 0.000 min  
Response: 37808692  
Conc: 18.80 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
I.BLK

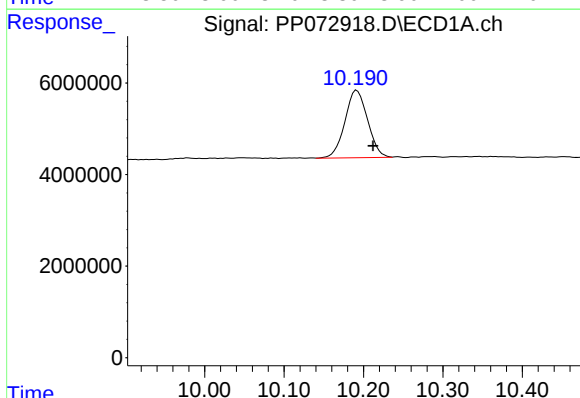
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 06/16/2025  
Supervised By :mohammad ahmed 06/17/2025



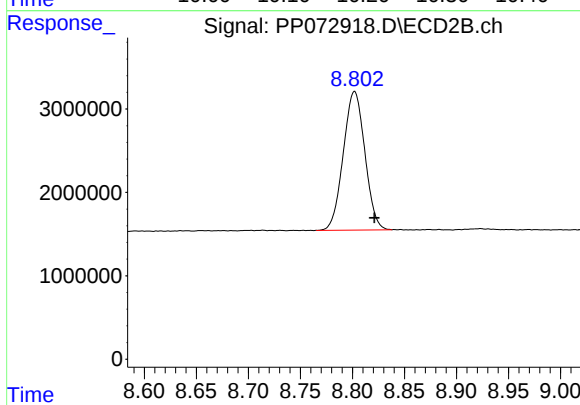
## #1 Tetrachloro-m-xylene

R.T.: 3.792 min  
Delta R.T.: -0.002 min  
Response: 32562628  
Conc: 20.37 ng/ml



## #2 Decachlorobiphenyl

R.T.: 10.190 min  
Delta R.T.: -0.022 min  
Response: 29208123  
Conc: 17.93 ng/ml m



## #2 Decachlorobiphenyl

R.T.: 8.802 min  
Delta R.T.: -0.019 min  
Response: 23984693  
Conc: 22.66 ng/ml m

## Report of Analysis

|                    |                                     |                    |       |
|--------------------|-------------------------------------|--------------------|-------|
| Client:            | ENTACT                              | Date Collected:    |       |
| Project:           | 540 Degraw St, Brooklyn, NY - E9309 | Date Received:     |       |
| Client Sample ID:  | PB168459BS                          | SDG No.:           | Q2301 |
| Lab Sample ID:     | PB168459BS                          | Matrix:            | SOIL  |
| Analytical Method: | 8082A                               | % Solid:           | 100   |
| Sample Wt/Vol:     | 30.03                               | 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 |
| PP072905.D        | 1         | 06/13/25 08:05 | 06/13/25 11:39 | PB168459      |

| CAS Number        | Parameter            | Conc.  | Qualifier | MDL                 | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|--------|-----------|---------------------|------------|-------------------|
| <b>TARGETS</b>    |                      |        |           |                     |            |                   |
| 12674-11-2        | Aroclor-1016         | 0.14   |           | 0.0039              | 0.017      | mg/Kg             |
| 11104-28-2        | Aroclor-1221         | 0.0040 | U         | 0.0040              | 0.017      | mg/Kg             |
| 11141-16-5        | Aroclor-1232         | 0.0037 | U         | 0.0037              | 0.017      | mg/Kg             |
| 53469-21-9        | Aroclor-1242         | 0.0040 | U         | 0.0040              | 0.017      | mg/Kg             |
| 12672-29-6        | Aroclor-1248         | 0.0059 | U         | 0.0059              | 0.017      | mg/Kg             |
| 11097-69-1        | Aroclor-1254         | 0.0032 | U         | 0.0032              | 0.017      | mg/Kg             |
| 37324-23-5        | Aroclor-1262         | 0.0050 | U         | 0.0050              | 0.017      | mg/Kg             |
| 11100-14-4        | Aroclor-1268         | 0.0036 | U         | 0.0036              | 0.017      | mg/Kg             |
| 11096-82-5        | Aroclor-1260         | 0.15   |           | 0.0032              | 0.017      | mg/Kg             |
| <b>SURROGATES</b> |                      |        |           |                     |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 20.0   |           | 30 (32) - 150 (144) | 100%       | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 25.3   |           | 30 (32) - 150 (175) | 126%       | 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\PP061325\  
 Data File : PP072905.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Jun 2025 11:39  
 Operator : YP\AJ  
 Sample : PB168459BS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 PB168459BS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/16/2025  
 Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 13 12:09:08 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat May 24 03:32:20 2025  
 Response via : 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...          | 4.498  | 3.792 | 40169134 | 31903952 | 19.977  | 19.960    |
| 2) SA Decachlor...          | 10.190 | 8.802 | 35021247 | 26754384 | 21.497m | 25.273m   |
| Target Compounds            |        |       |          |          |         |           |
| 3) L1 AR-1016-1             | 5.649  | 4.872 | 26680767 | 24789041 | 355.347 | 403.536   |
| 4) L1 AR-1016-2             | 5.670  | 4.890 | 41958741 | 36314017 | 392.168 | 413.649   |
| 5) L1 AR-1016-3             | 5.732  | 5.066 | 25171664 | 19413373 | 383.920 | 407.378   |
| 6) L1 AR-1016-4             | 5.830  | 5.108 | 21345981 | 15484270 | 400.713 | 406.995   |
| 7) L1 AR-1016-5             | 6.122  | 5.322 | 18695921 | 19722797 | 382.258 | 395.846   |
| 31) L7 AR-1260-1            | 7.239  | 6.353 | 37913213 | 36618592 | 405.078 | 459.146   |
| 32) L7 AR-1260-2            | 7.493  | 6.542 | 57299372 | 46492286 | 399.327 | 458.404   |
| 33) L7 AR-1260-3            | 7.850  | 6.693 | 39291721 | 41259896 | 345.055 | 474.785m# |
| 34) L7 AR-1260-4            | 8.074  | 7.163 | 40158502 | 30609464 | 374.255 | 424.595   |
| 35) L7 AR-1260-5            | 8.392  | 7.406 | 88448947 | 74931980 | 373.735 | 431.576   |
| -----                       |        |       |          |          |         |           |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP061325\  
Data File : PP072905.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Jun 2025 11:39  
Operator : YP\AJ  
Sample : PB168459BS  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

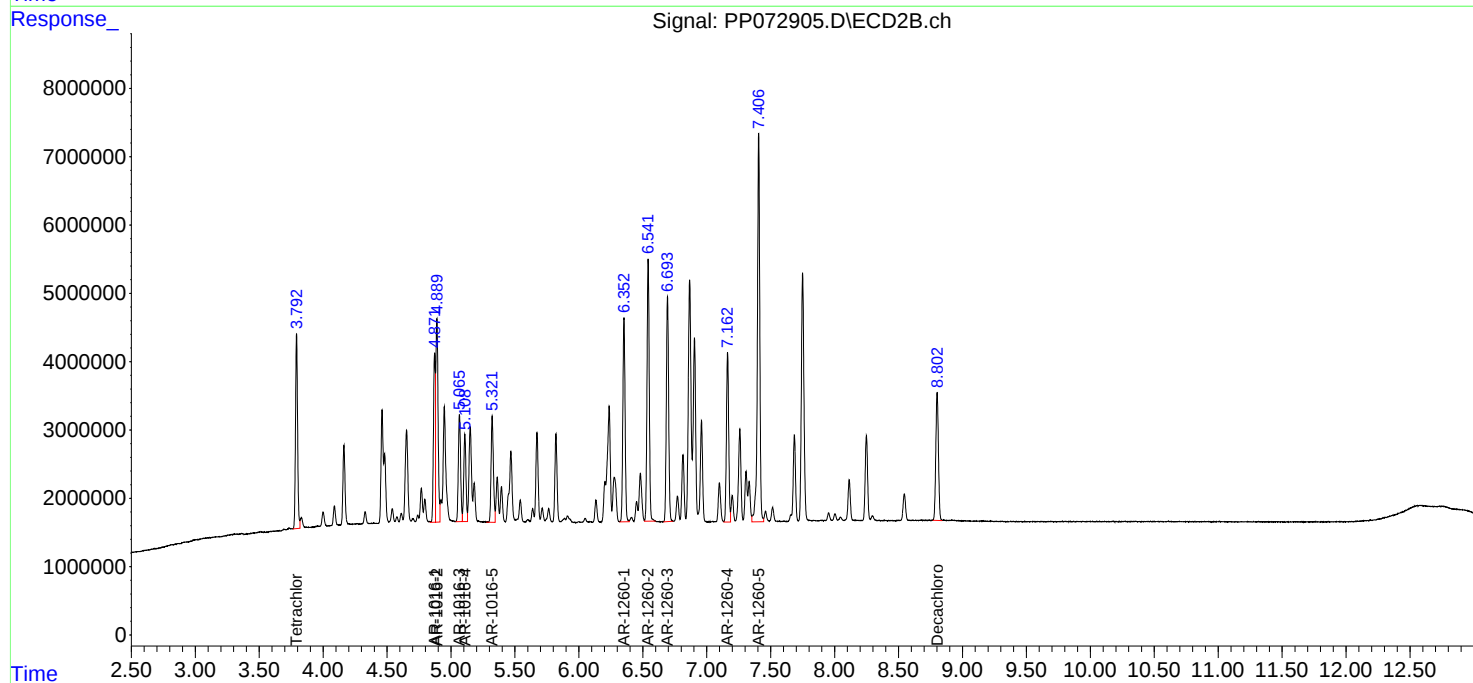
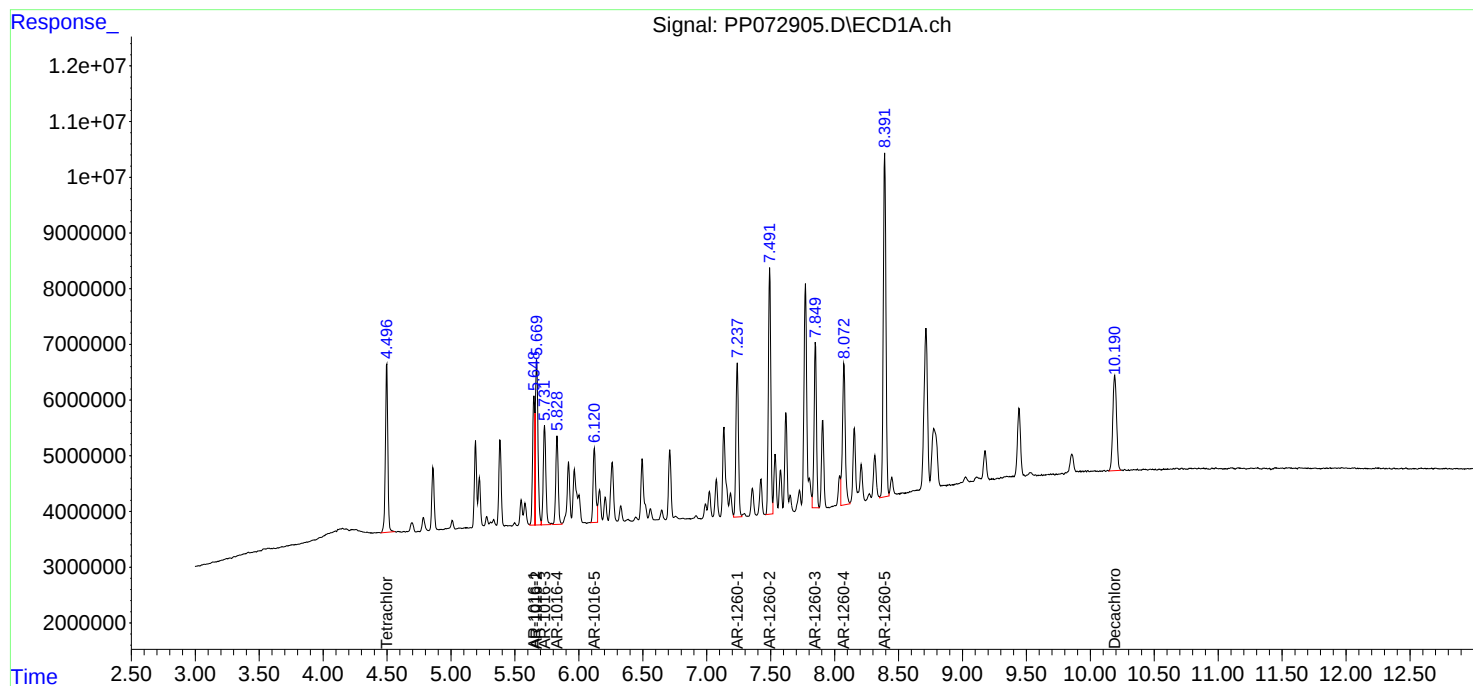
Instrument :  
ECD\_P  
ClientSampleId :  
PB168459BS

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 06/16/2025  
Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 13 12:09:08 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat May 24 03:32:20 2025  
Response via : 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:            | ENTACT                              | Date Collected:    | 06/12/25 |
| Project:           | 540 Degraw St, Brooklyn, NY - E9309 | Date Received:     | 06/12/25 |
| Client Sample ID:  | TR-04-06122025MS                    | SDG No.:           | Q2301    |
| Lab Sample ID:     | Q2305-01MS                          | Matrix:            | SOIL     |
| Analytical Method: | 8082A                               | % Solid:           | 98.2     |
| Sample Wt/Vol:     | 30.02                               | 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 |
| PP072911.D        | 1         | 06/13/25 08:05 | 06/13/25 13:16 | PB168459      |

| CAS Number        | Parameter            | Conc.  | Qualifier | MDL                 | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|--------|-----------|---------------------|------------|-------------------|
| <b>TARGETS</b>    |                      |        |           |                     |            |                   |
| 12674-11-2        | Aroclor-1016         | 0.13   |           | 0.0040              | 0.017      | mg/Kg             |
| 11104-28-2        | Aroclor-1221         | 0.0041 | U         | 0.0041              | 0.017      | mg/Kg             |
| 11141-16-5        | Aroclor-1232         | 0.0038 | U         | 0.0038              | 0.017      | mg/Kg             |
| 53469-21-9        | Aroclor-1242         | 0.0041 | U         | 0.0041              | 0.017      | mg/Kg             |
| 12672-29-6        | Aroclor-1248         | 0.0060 | U         | 0.0060              | 0.017      | mg/Kg             |
| 11097-69-1        | Aroclor-1254         | 0.0033 | U         | 0.0033              | 0.017      | mg/Kg             |
| 37324-23-5        | Aroclor-1262         | 0.0051 | U         | 0.0051              | 0.017      | mg/Kg             |
| 11100-14-4        | Aroclor-1268         | 0.0037 | U         | 0.0037              | 0.017      | mg/Kg             |
| 11096-82-5        | Aroclor-1260         | 0.13   |           | 0.0033              | 0.017      | mg/Kg             |
| <b>SURROGATES</b> |                      |        |           |                     |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 19.6   |           | 30 (32) - 150 (144) | 98%        | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 24.0   |           | 30 (32) - 150 (175) | 120%       | 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\PP061325\  
 Data File : PP072911.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Jun 2025 13:16  
 Operator : YP\AJ  
 Sample : Q2305-01MS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 TR-04-06122025MS

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/16/2025  
 Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 13 15:08:47 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat May 24 03:32:20 2025  
 Response via : 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...          | 4.496  | 3.791 | 33234834 | 31260874 | 16.528m  | 19.558    |
| 2) SA Decachlor...          | 10.192 | 8.803 | 30916738 | 25429954 | 18.978m  | 24.022m#  |
| Target Compounds            |        |       |          |          |          |           |
| 3) L1 AR-1016-1             | 5.649  | 4.871 | 24121167 | 23232465 | 321.257  | 378.197   |
| 4) L1 AR-1016-2             | 5.670  | 4.889 | 35134623 | 34759090 | 328.387  | 395.937   |
| 5) L1 AR-1016-3             | 5.733  | 5.065 | 21864376 | 18552285 | 333.477  | 389.308   |
| 6) L1 AR-1016-4             | 5.829  | 5.107 | 22423834 | 14978581 | 420.947  | 393.704   |
| 7) L1 AR-1016-5             | 6.121  | 5.321 | 16211630 | 19173658 | 331.464m | 384.824   |
| 31) L7 AR-1260-1            | 7.239  | 6.352 | 33593566 | 32486654 | 358.926  | 407.337   |
| 32) L7 AR-1260-2            | 7.492  | 6.541 | 51253106 | 38595759 | 357.190  | 380.546   |
| 33) L7 AR-1260-3            | 7.851  | 6.692 | 32803804 | 35825236 | 288.079  | 412.247m# |
| 34) L7 AR-1260-4            | 8.074  | 7.163 | 36057354 | 25712760 | 336.034  | 356.671   |
| 35) L7 AR-1260-5            | 8.393  | 7.405 | 77142773 | 62873730 | 325.962  | 362.126   |
| -----                       |        |       |          |          |          |           |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP061325\  
Data File : PP072911.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Jun 2025 13:16  
Operator : YP\AJ  
Sample : Q2305-01MS  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

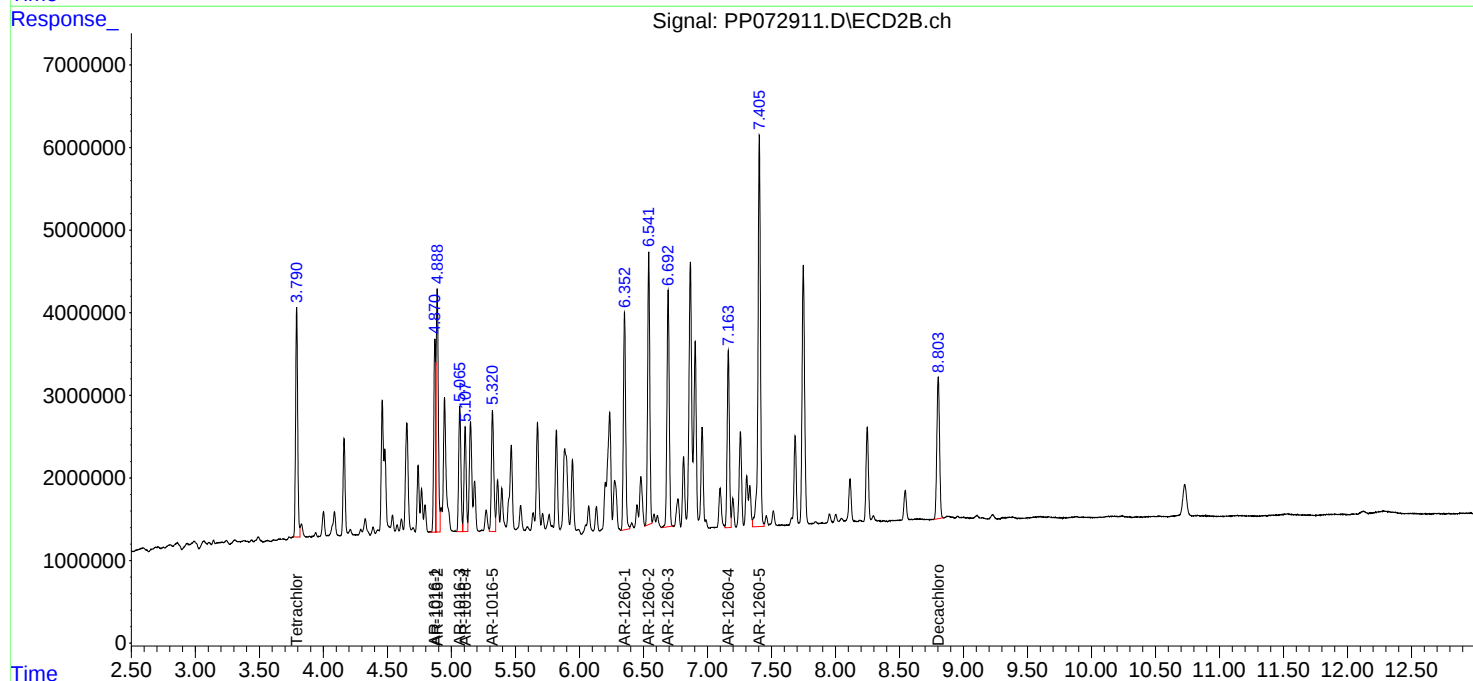
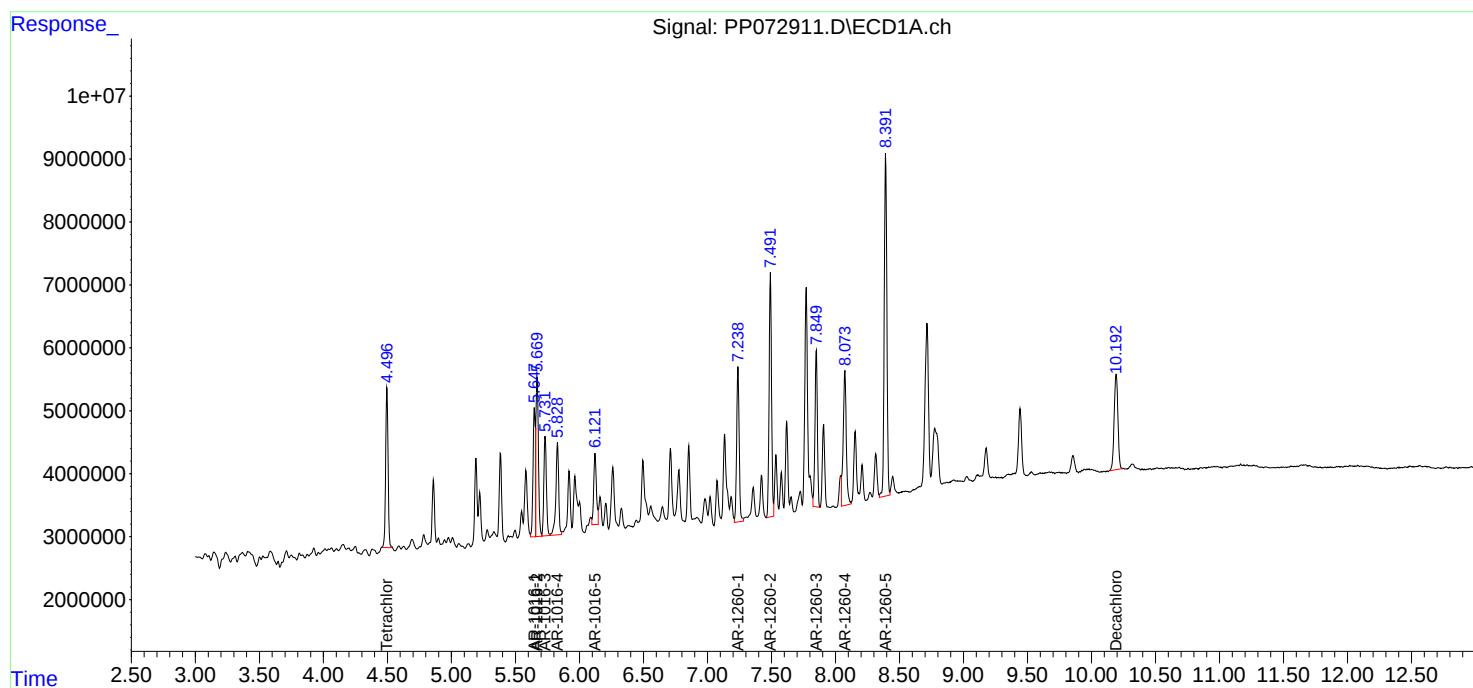
Instrument :  
ECD\_P  
ClientSampleId :  
TR-04-06122025MS

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 06/16/2025  
Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 13 15:08:47 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat May 24 03:32:20 2025  
Response via : 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:            | ENTACT                              | Date Collected:    | 06/12/25 |
| Project:           | 540 Degraw St, Brooklyn, NY - E9309 | Date Received:     | 06/12/25 |
| Client Sample ID:  | TR-04-06122025MSD                   | SDG No.:           | Q2301    |
| Lab Sample ID:     | Q2305-01MSD                         | Matrix:            | SOIL     |
| Analytical Method: | 8082A                               | % Solid:           | 98.2     |
| Sample Wt/Vol:     | 30.06                               | 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 |
| PP072912.D        | 1         | 06/13/25 08:05 | 06/13/25 13:33 | PB168459      |

| CAS Number        | Parameter            | Conc.  | Qualifier | MDL                 | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|--------|-----------|---------------------|------------|-------------------|
| <b>TARGETS</b>    |                      |        |           |                     |            |                   |
| 12674-11-2        | Aroclor-1016         | 0.13   |           | 0.0040              | 0.017      | mg/Kg             |
| 11104-28-2        | Aroclor-1221         | 0.0041 | U         | 0.0041              | 0.017      | mg/Kg             |
| 11141-16-5        | Aroclor-1232         | 0.0038 | U         | 0.0038              | 0.017      | mg/Kg             |
| 53469-21-9        | Aroclor-1242         | 0.0041 | U         | 0.0041              | 0.017      | mg/Kg             |
| 12672-29-6        | Aroclor-1248         | 0.0060 | U         | 0.0060              | 0.017      | mg/Kg             |
| 11097-69-1        | Aroclor-1254         | 0.0033 | U         | 0.0033              | 0.017      | mg/Kg             |
| 37324-23-5        | Aroclor-1262         | 0.0051 | U         | 0.0051              | 0.017      | mg/Kg             |
| 11100-14-4        | Aroclor-1268         | 0.0037 | U         | 0.0037              | 0.017      | mg/Kg             |
| 11096-82-5        | Aroclor-1260         | 0.13   |           | 0.0033              | 0.017      | mg/Kg             |
| <b>SURROGATES</b> |                      |        |           |                     |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 21.1   |           | 30 (32) - 150 (144) | 105%       | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 22.2   |           | 30 (32) - 150 (175) | 111%       | 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\PP061325\  
 Data File : PP072912.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Jun 2025 13:33  
 Operator : YP\AJ  
 Sample : Q2305-01MSD  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 TR-04-06122025MSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 06/16/2025  
 Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 13 15:09:28 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Sat May 24 03:32:20 2025  
 Response via : 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...          | 4.496  | 3.791 | 38571068 | 33642517 | 19.182   | 21.048    |
| 2) SA Decachlor...          | 10.192 | 8.803 | 28726646 | 23458074 | 17.633m  | 22.159m#  |
| Target Compounds            |        |       |          |          |          |           |
| 3) L1 AR-1016-1             | 5.648  | 4.871 | 23727991 | 24449219 | 316.021  | 398.004 # |
| 4) L1 AR-1016-2             | 5.670  | 4.889 | 36059409 | 35231377 | 337.030  | 401.317   |
| 5) L1 AR-1016-3             | 5.731  | 5.065 | 21910989 | 18712170 | 334.188  | 392.663   |
| 6) L1 AR-1016-4             | 5.829  | 5.107 | 22267482 | 15146081 | 418.012  | 398.106   |
| 7) L1 AR-1016-5             | 6.120  | 5.321 | 20113007 | 18927275 | 411.232m | 379.879   |
| 31) L7 AR-1260-1            | 7.238  | 6.353 | 31951789 | 31831883 | 341.384  | 399.127   |
| 32) L7 AR-1260-2            | 7.492  | 6.542 | 47146577 | 37437875 | 328.571  | 369.129   |
| 33) L7 AR-1260-3            | 7.849  | 6.693 | 30755476 | 34196276 | 270.091  | 393.502m# |
| 34) L7 AR-1260-4            | 8.072  | 7.163 | 31218931 | 24357595 | 290.943m | 337.873   |
| 35) L7 AR-1260-5            | 8.392  | 7.405 | 72968053 | 59684207 | 308.322  | 343.756   |
| -----                       |        |       |          |          |          |           |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP061325\  
Data File : PP072912.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Jun 2025 13:33  
Operator : YP\AJ  
Sample : Q2305-01MSD  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

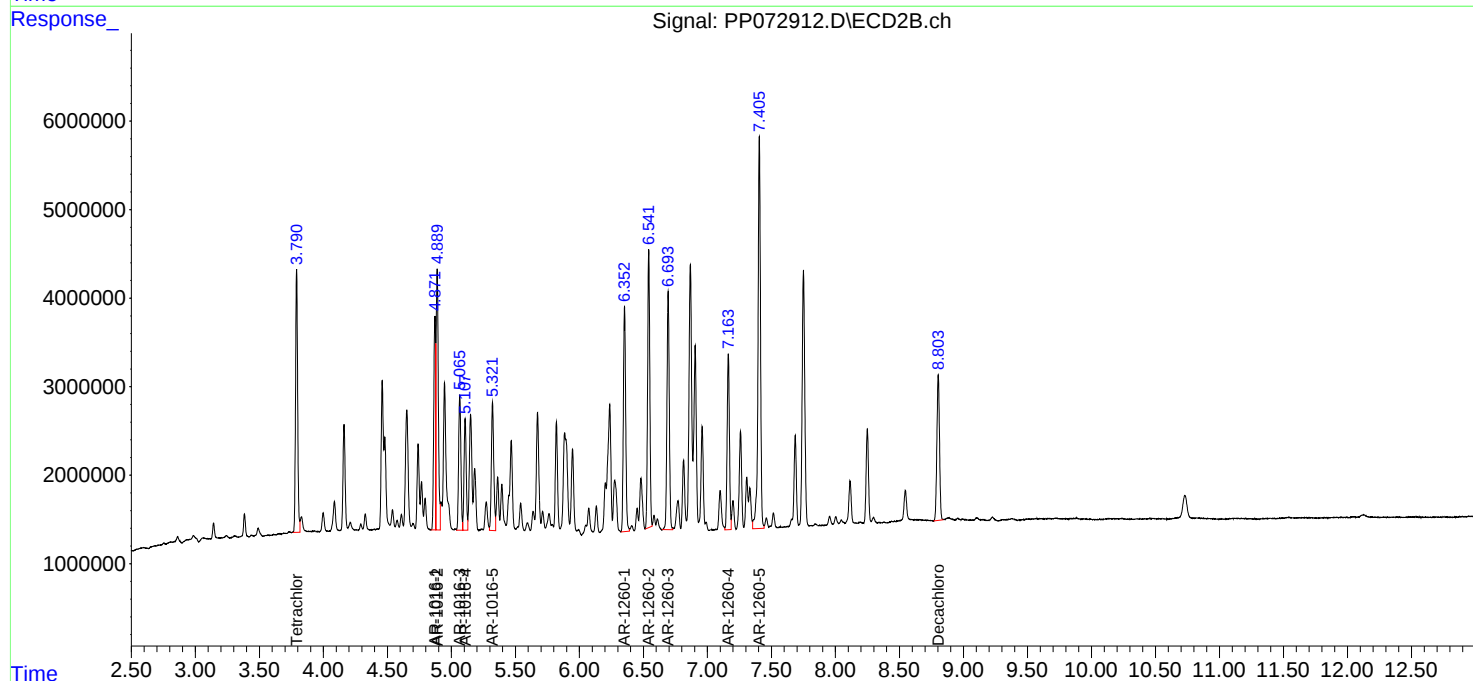
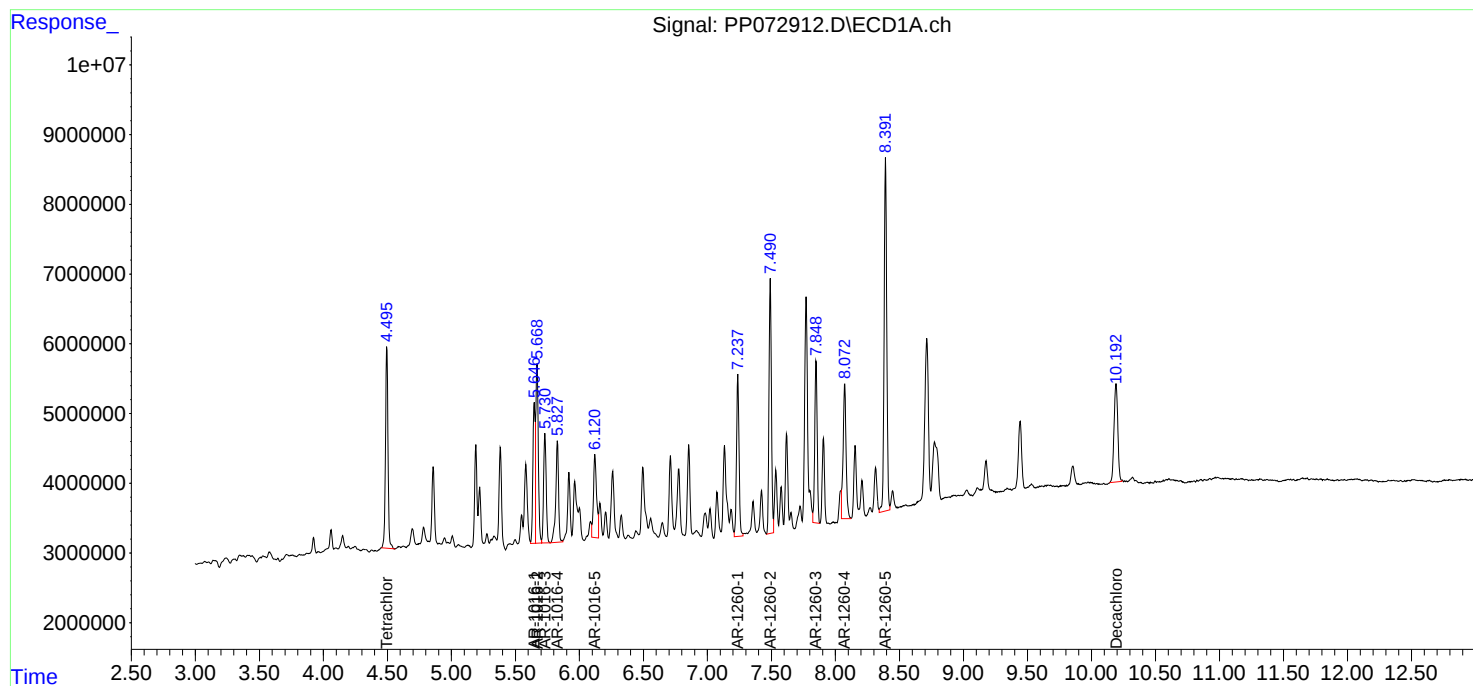
Instrument :  
ECD\_P  
ClientSampleId :  
TR-04-06122025MSD

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 06/16/2025  
Supervised By :mohammad ahmed 06/17/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 13 15:09:28 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP051925.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Sat May 24 03:32:20 2025  
Response via : 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



## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | PP051925 | Instrument | ECD_p |
|-----------|----------|------------|-------|

| Sample ID    | File ID    | Parameter    | Review By | Review On            | Supervised By | Supervised On     | Reason                      |
|--------------|------------|--------------|-----------|----------------------|---------------|-------------------|-----------------------------|
| AR1660ICC050 | PP072168.D | AR-1016-1    | yogesh    | 5/20/2025 7:28:08 AM | mohammad      | 5/22/2025 6:37:35 | Peak Integrated by Software |
| AR1660ICC050 | PP072168.D | AR-1016-2    | yogesh    | 5/20/2025 7:28:08 AM | mohammad      | 5/22/2025 6:37:35 | Peak Integrated by Software |
| AR1660ICC050 | PP072168.D | AR-1016-3    | yogesh    | 5/20/2025 7:28:08 AM | mohammad      | 5/22/2025 6:37:35 | Peak Integrated by Software |
| AR1660ICC050 | PP072168.D | AR-1016-4    | yogesh    | 5/20/2025 7:28:08 AM | mohammad      | 5/22/2025 6:37:35 | Peak Integrated by Software |
| AR1232ICC050 | PP072174.D | AR-1232-3    | yogesh    | 5/21/2025 8:50:30 AM | mohammad      | 5/22/2025 6:37:35 | Peak Integrated by Software |
| AR1232ICC050 | PP072174.D | AR-1232-4    | yogesh    | 5/21/2025 8:50:30 AM | mohammad      | 5/22/2025 6:37:35 | Peak Integrated by Software |
| AR1242ICC050 | PP072179.D | AR-1242-1    | yogesh    | 5/20/2025 7:28:10 AM | mohammad      | 5/22/2025 6:37:35 | Peak Integrated by Software |
| AR1242ICC050 | PP072179.D | AR-1242-2    | yogesh    | 5/20/2025 7:28:10 AM | mohammad      | 5/22/2025 6:37:35 | Peak Integrated by Software |
| AR1242ICC050 | PP072179.D | AR-1242-3    | yogesh    | 5/20/2025 7:28:10 AM | mohammad      | 5/22/2025 6:37:35 | Peak Integrated by Software |
| AR1242ICC050 | PP072179.D | AR-1242-4    | yogesh    | 5/20/2025 7:28:10 AM | mohammad      | 5/22/2025 6:37:35 | Peak Integrated by Software |
| AR1242ICC050 | PP072179.D | AR-1242-5    | yogesh    | 5/20/2025 7:28:10 AM | mohammad      | 5/22/2025 6:37:35 | Peak Integrated by Software |
| AR1242ICC050 | PP072179.D | AR-1242-5 #2 | yogesh    | 5/20/2025 7:28:10 AM | mohammad      | 5/22/2025 6:37:35 | Peak Integrated by Software |
| AR1248ICC050 | PP072184.D | AR-1248-1    | yogesh    | 5/20/2025 7:28:12 AM | mohammad      | 5/22/2025 6:37:35 | Peak Integrated by Software |

## Manual Integration Report

Sequence:

PP051925

Instrument

ECD\_p

| Sample ID    | File ID    | Parameter               | Review By | Review On            | Supervised By | Supervised On     | Reason                      |
|--------------|------------|-------------------------|-----------|----------------------|---------------|-------------------|-----------------------------|
| AR1248ICC050 | PP072184.D | AR-1248-4 #2            | yogesh    | 5/20/2025 7:28:12 AM | mohammad      | 5/22/2025 6:37:35 | Peak Integrated by Software |
| AR1254ICC050 | PP072189.D | AR-1254-1               | yogesh    | 5/20/2025 7:28:14 AM | mohammad      | 5/22/2025 6:37:35 | Peak Integrated by Software |
| AR1254ICC050 | PP072189.D | AR-1254-4               | yogesh    | 5/20/2025 7:28:14 AM | mohammad      | 5/22/2025 6:37:35 | Peak Integrated by Software |
| AR1254ICC050 | PP072189.D | AR-1254-4 #2            | yogesh    | 5/20/2025 7:28:14 AM | mohammad      | 5/22/2025 6:37:35 | Peak Integrated by Software |
| AR1254ICC050 | PP072189.D | Tetrachloro-m-xylene    | yogesh    | 5/20/2025 7:28:14 AM | mohammad      | 5/22/2025 6:37:35 | Peak Integrated by Software |
| AR1254ICC050 | PP072189.D | Tetrachloro-m-xylene #2 | yogesh    | 5/20/2025 7:28:14 AM | mohammad      | 5/22/2025 6:37:35 | Peak Integrated by Software |
| AR1268ICC050 | PP072195.D | AR-1268-1               | yogesh    | 5/20/2025 7:28:15 AM | mohammad      | 5/22/2025 6:37:35 | Peak Integrated by Software |
| AR1268ICC050 | PP072195.D | Tetrachloro-m-xylene    | yogesh    | 5/20/2025 7:28:15 AM | mohammad      | 5/22/2025 6:37:35 | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | PP061325 | Instrument | ECD_p |
|-----------|----------|------------|-------|

| Sample ID    | File ID    | Parameter             | Review By | Review On            | Supervised By | Supervised On     | Reason                      |
|--------------|------------|-----------------------|-----------|----------------------|---------------|-------------------|-----------------------------|
| AR1660CCC500 | PP072898.D | AR-1260-3 #2          | yogesh    | 6/16/2025 8:15:52 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1660CCC500 | PP072898.D | Decachlorobiphenyl    | yogesh    | 6/16/2025 8:15:52 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1660CCC500 | PP072898.D | Decachlorobiphenyl #2 | yogesh    | 6/16/2025 8:15:52 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1242CCC500 | PP072899.D | Decachlorobiphenyl    | yogesh    | 6/16/2025 8:15:53 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1242CCC500 | PP072899.D | Decachlorobiphenyl #2 | yogesh    | 6/16/2025 8:15:53 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1248CCC500 | PP072900.D | Decachlorobiphenyl    | yogesh    | 6/16/2025 8:15:56 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1248CCC500 | PP072900.D | Decachlorobiphenyl #2 | yogesh    | 6/16/2025 8:15:56 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1254CCC500 | PP072901.D | Decachlorobiphenyl    | yogesh    | 6/16/2025 8:15:58 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1254CCC500 | PP072901.D | Decachlorobiphenyl #2 | yogesh    | 6/16/2025 8:15:58 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1268CCC500 | PP072902.D | AR-1268-4             | yogesh    | 6/16/2025 8:16:00 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1268CCC500 | PP072902.D | Decachlorobiphenyl    | yogesh    | 6/16/2025 8:16:00 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1268CCC500 | PP072902.D | Decachlorobiphenyl #2 | yogesh    | 6/16/2025 8:16:00 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| I.BLK        | PP072903.D | Decachlorobiphenyl    | yogesh    | 6/16/2025 8:16:02 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | PP061325 | Instrument | ECD_p |
|-----------|----------|------------|-------|

| Sample ID  | File ID    | Parameter             | Review By | Review On            | Supervised By | Supervised On     | Reason                      |
|------------|------------|-----------------------|-----------|----------------------|---------------|-------------------|-----------------------------|
| I.BLK      | PP072903.D | Decachlorobiphenyl #2 | yogesh    | 6/16/2025 8:16:02 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| PB168459BL | PP072904.D | Decachlorobiphenyl    | yogesh    | 6/16/2025 8:16:03 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| PB168459BL | PP072904.D | Decachlorobiphenyl #2 | yogesh    | 6/16/2025 8:16:03 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| PB168459BS | PP072905.D | AR-1260-3 #2          | yogesh    | 6/16/2025 8:16:05 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| PB168459BS | PP072905.D | Decachlorobiphenyl    | yogesh    | 6/16/2025 8:16:05 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| PB168459BS | PP072905.D | Decachlorobiphenyl #2 | yogesh    | 6/16/2025 8:16:05 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| Q2301-02   | PP072909.D | Decachlorobiphenyl    | yogesh    | 6/16/2025 8:16:12 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| Q2301-02   | PP072909.D | Decachlorobiphenyl #2 | yogesh    | 6/16/2025 8:16:12 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| Q2301-02   | PP072909.D | Tetrachloro-m-xylene  | yogesh    | 6/16/2025 8:16:12 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| Q2305-01MS | PP072911.D | AR-1016-5             | yogesh    | 6/16/2025 8:16:16 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| Q2305-01MS | PP072911.D | AR-1260-3 #2          | yogesh    | 6/16/2025 8:16:16 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| Q2305-01MS | PP072911.D | Decachlorobiphenyl    | yogesh    | 6/16/2025 8:16:16 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| Q2305-01MS | PP072911.D | Decachlorobiphenyl #2 | yogesh    | 6/16/2025 8:16:16 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | PP061325 | Instrument | ECD_p |
|-----------|----------|------------|-------|

| Sample ID    | File ID    | Parameter             | Review By | Review On            | Supervised By | Supervised On     | Reason                      |
|--------------|------------|-----------------------|-----------|----------------------|---------------|-------------------|-----------------------------|
| Q2305-01MS   | PP072911.D | Tetrachloro-m-xylene  | yogesh    | 6/16/2025 8:16:16 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| Q2305-01MSD  | PP072912.D | AR-1016-5             | yogesh    | 6/16/2025 8:16:17 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| Q2305-01MSD  | PP072912.D | AR-1260-3 #2          | yogesh    | 6/16/2025 8:16:17 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| Q2305-01MSD  | PP072912.D | AR-1260-4             | yogesh    | 6/16/2025 8:16:17 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| Q2305-01MSD  | PP072912.D | Decachlorobiphenyl    | yogesh    | 6/16/2025 8:16:17 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| Q2305-01MSD  | PP072912.D | Decachlorobiphenyl #2 | yogesh    | 6/16/2025 8:16:17 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1660CCC500 | PP072914.D | AR-1260-3 #2          | yogesh    | 6/16/2025 8:16:21 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1660CCC500 | PP072914.D | Decachlorobiphenyl    | yogesh    | 6/16/2025 8:16:21 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1660CCC500 | PP072914.D | Decachlorobiphenyl #2 | yogesh    | 6/16/2025 8:16:21 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1242CCC500 | PP072915.D | Decachlorobiphenyl    | yogesh    | 6/16/2025 8:16:23 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1242CCC500 | PP072915.D | Decachlorobiphenyl #2 | yogesh    | 6/16/2025 8:16:23 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1248CCC500 | PP072916.D | Decachlorobiphenyl    | yogesh    | 6/16/2025 8:16:25 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1248CCC500 | PP072916.D | Decachlorobiphenyl #2 | yogesh    | 6/16/2025 8:16:25 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | PP061325 | Instrument | ECD_p |
|-----------|----------|------------|-------|

| Sample ID    | File ID    | Parameter             | Review By | Review On            | Supervised By | Supervised On     | Reason                      |
|--------------|------------|-----------------------|-----------|----------------------|---------------|-------------------|-----------------------------|
| AR1254CCC500 | PP072917.D | AR-1254-5             | yogesh    | 6/16/2025 8:16:26 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1254CCC500 | PP072917.D | Decachlorobiphenyl    | yogesh    | 6/16/2025 8:16:26 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1254CCC500 | PP072917.D | Decachlorobiphenyl #2 | yogesh    | 6/16/2025 8:16:26 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| I.BLK        | PP072918.D | Decachlorobiphenyl    | yogesh    | 6/16/2025 8:16:28 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| I.BLK        | PP072918.D | Decachlorobiphenyl #2 | yogesh    | 6/16/2025 8:16:28 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1660CCC500 | PP072928.D | AR-1260-3 #2          | yogesh    | 6/16/2025 8:17:34 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1660CCC500 | PP072928.D | Decachlorobiphenyl    | yogesh    | 6/16/2025 8:17:34 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1660CCC500 | PP072928.D | Decachlorobiphenyl #2 | yogesh    | 6/16/2025 8:17:34 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1242CCC500 | PP072929.D | Decachlorobiphenyl    | yogesh    | 6/16/2025 8:17:36 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1242CCC500 | PP072929.D | Decachlorobiphenyl #2 | yogesh    | 6/16/2025 8:17:36 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1248CCC500 | PP072930.D | AR-1248-1             | yogesh    | 6/16/2025 8:17:38 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1248CCC500 | PP072930.D | AR-1248-1 #2          | yogesh    | 6/16/2025 8:17:38 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1248CCC500 | PP072930.D | Decachlorobiphenyl    | yogesh    | 6/16/2025 8:17:38 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | PP061325 | Instrument | ECD_p |
|-----------|----------|------------|-------|

| Sample ID    | File ID    | Parameter             | Review By | Review On            | Supervised By | Supervised On     | Reason                      |
|--------------|------------|-----------------------|-----------|----------------------|---------------|-------------------|-----------------------------|
| AR1248CCC500 | PP072930.D | Decachlorobiphenyl #2 | yogesh    | 6/16/2025 8:17:38 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1254CCC500 | PP072931.D | Decachlorobiphenyl    | yogesh    | 6/16/2025 8:17:40 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1254CCC500 | PP072931.D | Decachlorobiphenyl #2 | yogesh    | 6/16/2025 8:17:40 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| I.BLK        | PP072932.D | Decachlorobiphenyl    | yogesh    | 6/16/2025 8:17:42 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| I.BLK        | PP072932.D | Decachlorobiphenyl #2 | yogesh    | 6/16/2025 8:17:42 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1660CCC500 | PP072943.D | AR-1260-3 #2          | yogesh    | 6/16/2025 8:18:00 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1660CCC500 | PP072943.D | Decachlorobiphenyl    | yogesh    | 6/16/2025 8:18:00 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1660CCC500 | PP072943.D | Decachlorobiphenyl #2 | yogesh    | 6/16/2025 8:18:00 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1242CCC500 | PP072944.D | AR-1242-1 #2          | yogesh    | 6/16/2025 8:18:03 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1242CCC500 | PP072944.D | Decachlorobiphenyl    | yogesh    | 6/16/2025 8:18:03 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1242CCC500 | PP072944.D | Decachlorobiphenyl #2 | yogesh    | 6/16/2025 8:18:03 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1248CCC500 | PP072945.D | AR-1248-1 #2          | yogesh    | 6/16/2025 8:18:05 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1248CCC500 | PP072945.D | Decachlorobiphenyl    | yogesh    | 6/16/2025 8:18:05 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | PP061325 | Instrument | ECD_p |
|-----------|----------|------------|-------|

| Sample ID    | File ID    | Parameter             | Review By | Review On            | Supervised By | Supervised On     | Reason                      |
|--------------|------------|-----------------------|-----------|----------------------|---------------|-------------------|-----------------------------|
| AR1248CCC500 | PP072945.D | Decachlorobiphenyl #2 | yogesh    | 6/16/2025 8:18:05 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1254CCC500 | PP072946.D | AR-1254-1             | yogesh    | 6/16/2025 8:18:07 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1254CCC500 | PP072946.D | AR-1254-5             | yogesh    | 6/16/2025 8:18:07 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1254CCC500 | PP072946.D | Decachlorobiphenyl    | yogesh    | 6/16/2025 8:18:07 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1254CCC500 | PP072946.D | Decachlorobiphenyl #2 | yogesh    | 6/16/2025 8:18:07 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| I.BLK        | PP072947.D | Decachlorobiphenyl    | yogesh    | 6/16/2025 8:18:08 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| I.BLK        | PP072947.D | Decachlorobiphenyl #2 | yogesh    | 6/16/2025 8:18:08 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1660CCC500 | PP072952.D | AR-1016-5 #2          | yogesh    | 6/16/2025 8:18:17 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1660CCC500 | PP072952.D | AR-1260-3 #2          | yogesh    | 6/16/2025 8:18:17 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1660CCC500 | PP072952.D | Decachlorobiphenyl    | yogesh    | 6/16/2025 8:18:17 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1660CCC500 | PP072952.D | Decachlorobiphenyl #2 | yogesh    | 6/16/2025 8:18:17 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1242CCC500 | PP072953.D | AR-1242-1 #2          | yogesh    | 6/16/2025 8:18:19 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1242CCC500 | PP072953.D | AR-1242-5 #2          | yogesh    | 6/16/2025 8:18:19 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | PP061325 | Instrument | ECD_p |
|-----------|----------|------------|-------|

| Sample ID    | File ID    | Parameter             | Review By | Review On            | Supervised By | Supervised On     | Reason                      |
|--------------|------------|-----------------------|-----------|----------------------|---------------|-------------------|-----------------------------|
| AR1242CCC500 | PP072953.D | Decachlorobiphenyl    | yogesh    | 6/16/2025 8:18:19 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1242CCC500 | PP072953.D | Decachlorobiphenyl #2 | yogesh    | 6/16/2025 8:18:19 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1248CCC500 | PP072954.D | AR-1248-1             | yogesh    | 6/16/2025 8:18:21 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1248CCC500 | PP072954.D | AR-1248-1 #2          | yogesh    | 6/16/2025 8:18:21 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1248CCC500 | PP072954.D | AR-1248-4 #2          | yogesh    | 6/16/2025 8:18:21 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1248CCC500 | PP072954.D | Decachlorobiphenyl    | yogesh    | 6/16/2025 8:18:21 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1248CCC500 | PP072954.D | Decachlorobiphenyl #2 | yogesh    | 6/16/2025 8:18:21 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1254CCC500 | PP072955.D | AR-1254-4 #2          | yogesh    | 6/16/2025 8:18:23 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1254CCC500 | PP072955.D | Decachlorobiphenyl    | yogesh    | 6/16/2025 8:18:23 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| AR1254CCC500 | PP072955.D | Decachlorobiphenyl #2 | yogesh    | 6/16/2025 8:18:23 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| I.BLK        | PP072956.D | Decachlorobiphenyl    | yogesh    | 6/16/2025 8:18:25 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |
| I.BLK        | PP072956.D | Decachlorobiphenyl #2 | yogesh    | 6/16/2025 8:18:25 AM | mohammad      | 6/17/2025 3:41:07 | Peak Integrated by Software |



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

## Manual Integration Report

Sequence:

PP061325

Instrument

ECD\_p

Sample ID

File ID

Parameter

Review By

Review On

Supervised  
By

Supervised On

Reason

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP051925**

|                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                   |                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                                                                                                                                         | yogesh                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Review On         | 5/19/2025 12:22:08 PM         |
| Supervise By                                                                                                                                      | mohammad                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Supervise On      | 5/22/2025 6:37:35 AM          |
| SubDirectory                                                                                                                                      | PP051925                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | HP Acquire Method | HP Processing Method PP051925 |
| <b>STD. NAME</b>                                                                                                                                  | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                   |                               |
| Tune/Reschk<br>Initial Calibration Stds<br><br>CCC<br>Internal Standard/PEM<br>ICV/I.BLK<br>Surrogate Standard<br>MS/MSD Standard<br>LCS Standard | PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,<br>PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,<br>PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369<br><br>PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2 |                   |                               |

| Sr# | Sampleld      | Data File Name | Date-Time         | Operator | Status |
|-----|---------------|----------------|-------------------|----------|--------|
| 1   | HEXANE        | PP072162.D     | 19 May 2025 09:09 | YP\AJ    | Ok     |
| 2   | I.BLK         | PP072163.D     | 19 May 2025 09:26 | YP\AJ    | Ok     |
| 3   | AR1660ICC1000 | PP072164.D     | 19 May 2025 09:42 | YP\AJ    | Ok     |
| 4   | AR1660ICC750  | PP072165.D     | 19 May 2025 09:59 | YP\AJ    | Ok     |
| 5   | AR1660ICC500  | PP072166.D     | 19 May 2025 10:15 | YP\AJ    | Ok     |
| 6   | AR1660ICC250  | PP072167.D     | 19 May 2025 10:32 | YP\AJ    | Ok     |
| 7   | AR1660ICC050  | PP072168.D     | 19 May 2025 10:48 | YP\AJ    | Ok,M   |
| 8   | AR1221ICC500  | PP072169.D     | 19 May 2025 11:05 | YP\AJ    | Ok     |
| 9   | AR1232ICC1000 | PP072170.D     | 19 May 2025 11:21 | YP\AJ    | Ok     |
| 10  | AR1232ICC750  | PP072171.D     | 19 May 2025 11:38 | YP\AJ    | Ok     |
| 11  | AR1232ICC500  | PP072172.D     | 19 May 2025 11:54 | YP\AJ    | Ok     |
| 12  | AR1232ICC250  | PP072173.D     | 19 May 2025 12:10 | YP\AJ    | Ok     |
| 13  | AR1232ICC050  | PP072174.D     | 19 May 2025 12:27 | YP\AJ    | Ok,M   |
| 14  | AR1242ICC1000 | PP072175.D     | 19 May 2025 12:43 | YP\AJ    | Ok     |
| 15  | AR1242ICC750  | PP072176.D     | 19 May 2025 12:59 | YP\AJ    | Ok     |
| 16  | AR1242ICC500  | PP072177.D     | 19 May 2025 13:15 | YP\AJ    | Ok     |
| 17  | AR1242ICC250  | PP072178.D     | 19 May 2025 13:32 | YP\AJ    | Ok     |
| 18  | AR1242ICC050  | PP072179.D     | 19 May 2025 13:48 | YP\AJ    | Ok,M   |
| 19  | AR1248ICC1000 | PP072180.D     | 19 May 2025 14:04 | YP\AJ    | Ok     |
| 20  | AR1248ICC750  | PP072181.D     | 19 May 2025 14:20 | YP\AJ    | Ok     |
| 21  | AR1248ICC500  | PP072182.D     | 19 May 2025 14:37 | YP\AJ    | Ok     |

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP051925**

|                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                   |                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                                                                                                                                         | yogesh                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Review On         | 5/19/2025 12:22:08 PM         |
| Supervise By                                                                                                                                      | mohammad                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Supervise On      | 5/22/2025 6:37:35 AM          |
| SubDirectory                                                                                                                                      | PP051925                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | HP Acquire Method | HP Processing Method PP051925 |
| <b>STD. NAME</b>                                                                                                                                  | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                   |                               |
| Tune/Reschk<br>Initial Calibration Stds<br><br>CCC<br>Internal Standard/PEM<br>ICV/I.BLK<br>Surrogate Standard<br>MS/MSD Standard<br>LCS Standard | PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,<br>PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,<br>PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369<br><br>PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2 |                   |                               |

|    |                |            |                   |       |      |
|----|----------------|------------|-------------------|-------|------|
| 22 | AR1248ICC250   | PP072183.D | 19 May 2025 14:53 | YPIAJ | Ok   |
| 23 | AR1248ICC050   | PP072184.D | 19 May 2025 15:25 | YPIAJ | Ok,M |
| 24 | AR1254ICC1000  | PP072185.D | 19 May 2025 15:42 | YPIAJ | Ok   |
| 25 | AR1254ICC750   | PP072186.D | 19 May 2025 15:58 | YPIAJ | Ok   |
| 26 | AR1254ICC500   | PP072187.D | 19 May 2025 16:14 | YPIAJ | Ok   |
| 27 | AR1254ICC250   | PP072188.D | 19 May 2025 16:31 | YPIAJ | Ok   |
| 28 | AR1254ICC050   | PP072189.D | 19 May 2025 16:47 | YPIAJ | Ok,M |
| 29 | AR1262ICC500   | PP072190.D | 19 May 2025 17:03 | YPIAJ | Ok   |
| 30 | AR1268ICC1000  | PP072191.D | 19 May 2025 17:20 | YPIAJ | Ok   |
| 31 | AR1268ICC750   | PP072192.D | 19 May 2025 17:36 | YPIAJ | Ok   |
| 32 | AR1268ICC500   | PP072193.D | 19 May 2025 17:53 | YPIAJ | Ok   |
| 33 | AR1268ICC250   | PP072194.D | 19 May 2025 18:09 | YPIAJ | Ok   |
| 34 | AR1268ICC050   | PP072195.D | 19 May 2025 18:25 | YPIAJ | Ok,M |
| 35 | PP051925ICV500 | PP072196.D | 19 May 2025 18:42 | YPIAJ | Ok   |
| 36 | AR1232ICV500   | PP072197.D | 19 May 2025 19:14 | YPIAJ | Ok   |
| 37 | AR1242ICV500   | PP072198.D | 19 May 2025 19:47 | YPIAJ | Ok   |
| 38 | AR1248ICV500   | PP072199.D | 19 May 2025 20:19 | YPIAJ | Ok   |
| 39 | AR1254ICV500   | PP072200.D | 19 May 2025 20:52 | YPIAJ | Ok   |
| 40 | AR1268ICV500   | PP072201.D | 19 May 2025 21:25 | YPIAJ | Ok   |

M : Manual Integration

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP061325**

|                          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                                                                                                                                                                                                                                                          | Review On         | 6/13/2025 1:22:51 PM          |
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                        | Supervise On      | 6/17/2025 3:41:07 AM          |
| SubDirectory             | PP061325                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PP051925 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| Initial Calibration Stds | PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 |                   |                               |
| CCC                      | PP24332,PP24347,PP24352,PP24357                                                                                                                                                                                                                                                                                                 |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| ICV/I.BLK                | PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2                                                                                                                                                                                             |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |                   |                               |

| Sr# | SampleId     | Data File Name | Date-Time         | Operator | Status |
|-----|--------------|----------------|-------------------|----------|--------|
| 1   | HEXANE       | PP072897.D     | 13 Jun 2025 09:28 | YP\AJ    | Ok     |
| 2   | AR1660CCC500 | PP072898.D     | 13 Jun 2025 09:44 | YP\AJ    | Ok,M   |
| 3   | AR1242CCC500 | PP072899.D     | 13 Jun 2025 10:01 | YP\AJ    | Ok,M   |
| 4   | AR1248CCC500 | PP072900.D     | 13 Jun 2025 10:17 | YP\AJ    | Ok,M   |
| 5   | AR1254CCC500 | PP072901.D     | 13 Jun 2025 10:33 | YP\AJ    | Ok,M   |
| 6   | AR1268CCC500 | PP072902.D     | 13 Jun 2025 10:50 | YP\AJ    | Ok,M   |
| 7   | I.BLK        | PP072903.D     | 13 Jun 2025 11:06 | YP\AJ    | Ok,M   |
| 8   | PB168459BL   | PP072904.D     | 13 Jun 2025 11:22 | YP\AJ    | Ok,M   |
| 9   | PB168459BS   | PP072905.D     | 13 Jun 2025 11:39 | YP\AJ    | Ok,M   |
| 10  | Q2303-01     | PP072906.D     | 13 Jun 2025 11:55 | YP\AJ    | Ok,M   |
| 11  | Q2303-02     | PP072907.D     | 13 Jun 2025 12:11 | YP\AJ    | Ok,M   |
| 12  | Q2298-01     | PP072908.D     | 13 Jun 2025 12:28 | YP\AJ    | Ok,M   |
| 13  | Q2301-02     | PP072909.D     | 13 Jun 2025 12:44 | YP\AJ    | Ok,M   |
| 14  | Q2305-01     | PP072910.D     | 13 Jun 2025 13:00 | YP\AJ    | Ok,M   |
| 15  | Q2305-01MS   | PP072911.D     | 13 Jun 2025 13:16 | YP\AJ    | Ok,M   |
| 16  | Q2305-01MSD  | PP072912.D     | 13 Jun 2025 13:33 | YP\AJ    | Ok,M   |
| 17  | Q2307-01     | PP072913.D     | 13 Jun 2025 13:49 | YP\AJ    | Ok,M   |
| 18  | AR1660CCC500 | PP072914.D     | 13 Jun 2025 14:48 | YP\AJ    | Ok,M   |
| 19  | AR1242CCC500 | PP072915.D     | 13 Jun 2025 15:05 | YP\AJ    | Ok,M   |
| 20  | AR1248CCC500 | PP072916.D     | 13 Jun 2025 15:21 | YP\AJ    | Ok,M   |
| 21  | AR1254CCC500 | PP072917.D     | 13 Jun 2025 15:37 | YP\AJ    | Ok,M   |

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP061325**

|                          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                                                                                                                                                                                                                                                          | Review On         | 6/13/2025 1:22:51 PM          |
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                        | Supervise On      | 6/17/2025 3:41:07 AM          |
| SubDirectory             | PP061325                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PP051925 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| Initial Calibration Stds | PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 |                   |                               |
| CCC                      | PP24332,PP24347,PP24352,PP24357                                                                                                                                                                                                                                                                                                 |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| ICV/I.BLK                | PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2                                                                                                                                                                                             |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |                   |                               |

|    |              |            |                   |       |      |
|----|--------------|------------|-------------------|-------|------|
| 22 | I.BLK        | PP072918.D | 13 Jun 2025 15:54 | YP\AJ | Ok,M |
| 23 | PB168461BL   | PP072919.D | 13 Jun 2025 16:10 | YP\AJ | Ok,M |
| 24 | PB168461BS   | PP072920.D | 13 Jun 2025 16:26 | YP\AJ | Ok,M |
| 25 | Q2308-01     | PP072921.D | 13 Jun 2025 16:42 | YP\AJ | Ok,M |
| 26 | Q2310-01     | PP072922.D | 13 Jun 2025 16:59 | YP\AJ | Ok,M |
| 27 | Q2304-01     | PP072923.D | 13 Jun 2025 17:15 | YP\AJ | Ok,M |
| 28 | Q2304-02     | PP072924.D | 13 Jun 2025 17:31 | YP\AJ | Ok,M |
| 29 | Q2304-03     | PP072925.D | 13 Jun 2025 17:48 | YP\AJ | Ok,M |
| 30 | Q2304-04     | PP072926.D | 13 Jun 2025 18:04 | YP\AJ | Ok,M |
| 31 | Q2304-05     | PP072927.D | 13 Jun 2025 18:20 | YP\AJ | Ok,M |
| 32 | AR1660CCC500 | PP072928.D | 13 Jun 2025 19:31 | YP\AJ | Ok,M |
| 33 | AR1242CCC500 | PP072929.D | 13 Jun 2025 20:03 | YP\AJ | Ok,M |
| 34 | AR1248CCC500 | PP072930.D | 13 Jun 2025 20:20 | YP\AJ | Ok,M |
| 35 | AR1254CCC500 | PP072931.D | 13 Jun 2025 20:36 | YP\AJ | Ok,M |
| 36 | I.BLK        | PP072932.D | 13 Jun 2025 20:52 | YP\AJ | Ok,M |
| 37 | PB168480BL   | PP072933.D | 13 Jun 2025 21:08 | YP\AJ | Ok,M |
| 38 | PB168480BS   | PP072934.D | 13 Jun 2025 21:25 | YP\AJ | Ok,M |
| 39 | Q2326-01     | PP072935.D | 13 Jun 2025 21:41 | YP\AJ | Ok,M |
| 40 | Q2326-02     | PP072936.D | 13 Jun 2025 21:57 | YP\AJ | Ok,M |
| 41 | Q2326-03     | PP072937.D | 13 Jun 2025 22:13 | YP\AJ | Ok,M |
| 42 | Q2326-04     | PP072938.D | 13 Jun 2025 22:30 | YP\AJ | Ok,M |
| 43 | Q2326-05     | PP072939.D | 13 Jun 2025 22:46 | YP\AJ | Ok,M |
| 44 | Q2326-06     | PP072940.D | 13 Jun 2025 23:02 | YP\AJ | Ok,M |

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP061325**

|                          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                                                                                                                                                                                                                                                          | Review On         | 6/13/2025 1:22:51 PM          |
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                        | Supervise On      | 6/17/2025 3:41:07 AM          |
| SubDirectory             | PP061325                                                                                                                                                                                                                                                                                                                        | HP Acquire Method | HP Processing Method PP051925 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| Initial Calibration Stds | PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 |                   |                               |
| CCC                      | PP24332,PP24347,PP24352,PP24357                                                                                                                                                                                                                                                                                                 |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| ICV/I.BLK                | PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2                                                                                                                                                                                             |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |                   |                               |

|    |              |            |                   |       |      |
|----|--------------|------------|-------------------|-------|------|
| 45 | Q2326-07     | PP072941.D | 13 Jun 2025 23:19 | YP\AJ | Ok,M |
| 46 | Q2326-08     | PP072942.D | 13 Jun 2025 23:35 | YP\AJ | Ok,M |
| 47 | AR1660CCC500 | PP072943.D | 14 Jun 2025 02:07 | YP\AJ | Ok,M |
| 48 | AR1242CCC500 | PP072944.D | 14 Jun 2025 02:40 | YP\AJ | Ok,M |
| 49 | AR1248CCC500 | PP072945.D | 14 Jun 2025 02:56 | YP\AJ | Ok,M |
| 50 | AR1254CCC500 | PP072946.D | 14 Jun 2025 03:12 | YP\AJ | Ok,M |
| 51 | I.BLK        | PP072947.D | 14 Jun 2025 03:28 | YP\AJ | Ok,M |
| 52 | Q2327-01     | PP072948.D | 14 Jun 2025 03:45 | YP\AJ | Ok,M |
| 53 | Q2327-02     | PP072949.D | 14 Jun 2025 04:01 | YP\AJ | Ok,M |
| 54 | Q2327-03     | PP072950.D | 14 Jun 2025 04:17 | YP\AJ | Ok,M |
| 55 | Q2327-04     | PP072951.D | 14 Jun 2025 04:34 | YP\AJ | Ok,M |
| 56 | AR1660CCC500 | PP072952.D | 14 Jun 2025 08:24 | YP\AJ | Ok,M |
| 57 | AR1242CCC500 | PP072953.D | 14 Jun 2025 08:40 | YP\AJ | Ok,M |
| 58 | AR1248CCC500 | PP072954.D | 14 Jun 2025 08:56 | YP\AJ | Ok,M |
| 59 | AR1254CCC500 | PP072955.D | 14 Jun 2025 09:12 | YP\AJ | Ok,M |
| 60 | I.BLK        | PP072956.D | 14 Jun 2025 09:29 | YP\AJ | Ok,M |

M : Manual Integration

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP051925**

|              |          |                   |                               |
|--------------|----------|-------------------|-------------------------------|
| Review By    | yogesh   | Review On         | 5/19/2025 12:22:08 PM         |
| Supervise By | mohammad | Supervise On      | 5/22/2025 6:37:35 AM          |
| SubDirectory | PP051925 | HP Acquire Method | HP Processing Method PP051925 |

| STD. NAME                                                                                                                                         | STD REF.#                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tune/Reschk<br>Initial Calibration Stds<br><br>CCC<br>Internal Standard/PEM<br>ICV/I.BLK<br>Surrogate Standard<br>MS/MSD Standard<br>LCS Standard | PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P<br>P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP<br>24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369<br><br>PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387 |

| Sr# | SampleId      | ClientID      | Data File Name | Date-Time         | Comment | Operator | Status |
|-----|---------------|---------------|----------------|-------------------|---------|----------|--------|
| 1   | HEXANE        | HEXANE        | PP072162.D     | 19 May 2025 09:09 |         | YPIAJ    | Ok     |
| 2   | I.BLK         | I.BLK         | PP072163.D     | 19 May 2025 09:26 |         | YPIAJ    | Ok     |
| 3   | AR1660ICC1000 | AR1660ICC1000 | PP072164.D     | 19 May 2025 09:42 |         | YPIAJ    | Ok     |
| 4   | AR1660ICC750  | AR1660ICC750  | PP072165.D     | 19 May 2025 09:59 |         | YPIAJ    | Ok     |
| 5   | AR1660ICC500  | AR1660ICC500  | PP072166.D     | 19 May 2025 10:15 |         | YPIAJ    | Ok     |
| 6   | AR1660ICC250  | AR1660ICC250  | PP072167.D     | 19 May 2025 10:32 |         | YPIAJ    | Ok     |
| 7   | AR1660ICC050  | AR1660ICC050  | PP072168.D     | 19 May 2025 10:48 |         | YPIAJ    | Ok,M   |
| 8   | AR1221ICC500  | AR1221ICC500  | PP072169.D     | 19 May 2025 11:05 |         | YPIAJ    | Ok     |
| 9   | AR1232ICC1000 | AR1232ICC1000 | PP072170.D     | 19 May 2025 11:21 |         | YPIAJ    | Ok     |
| 10  | AR1232ICC750  | AR1232ICC750  | PP072171.D     | 19 May 2025 11:38 |         | YPIAJ    | Ok     |
| 11  | AR1232ICC500  | AR1232ICC500  | PP072172.D     | 19 May 2025 11:54 |         | YPIAJ    | Ok     |
| 12  | AR1232ICC250  | AR1232ICC250  | PP072173.D     | 19 May 2025 12:10 |         | YPIAJ    | Ok     |
| 13  | AR1232ICC050  | AR1232ICC050  | PP072174.D     | 19 May 2025 12:27 |         | YPIAJ    | Ok,M   |
| 14  | AR1242ICC1000 | AR1242ICC1000 | PP072175.D     | 19 May 2025 12:43 |         | YPIAJ    | Ok     |
| 15  | AR1242ICC750  | AR1242ICC750  | PP072176.D     | 19 May 2025 12:59 |         | YPIAJ    | Ok     |
| 16  | AR1242ICC500  | AR1242ICC500  | PP072177.D     | 19 May 2025 13:15 |         | YPIAJ    | Ok     |
| 17  | AR1242ICC250  | AR1242ICC250  | PP072178.D     | 19 May 2025 13:32 |         | YPIAJ    | Ok     |
| 18  | AR1242ICC050  | AR1242ICC050  | PP072179.D     | 19 May 2025 13:48 |         | YPIAJ    | Ok,M   |

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP051925**

|                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                   |                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                                                                                                                                         | yogesh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Review On         | 5/19/2025 12:22:08 PM         |
| Supervise By                                                                                                                                      | mohammad                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Supervise On      | 5/22/2025 6:37:35 AM          |
| SubDirectory                                                                                                                                      | PP051925                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | HP Acquire Method | HP Processing Method PP051925 |
| <b>STD. NAME</b>                                                                                                                                  | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                   |                               |
| Tune/Reschk<br>Initial Calibration Stds<br><br>CCC<br>Internal Standard/PEM<br>ICV/I.BLK<br>Surrogate Standard<br>MS/MSD Standard<br>LCS Standard | PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P<br>P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP<br>24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369<br><br>PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387 |                   |                               |

|    |                |                   |            |                   |  |       |      |
|----|----------------|-------------------|------------|-------------------|--|-------|------|
| 19 | AR1248ICC1000  | AR1248ICC1000     | PP072180.D | 19 May 2025 14:04 |  | YPIAJ | Ok   |
| 20 | AR1248ICC750   | AR1248ICC750      | PP072181.D | 19 May 2025 14:20 |  | YPIAJ | Ok   |
| 21 | AR1248ICC500   | AR1248ICC500      | PP072182.D | 19 May 2025 14:37 |  | YPIAJ | Ok   |
| 22 | AR1248ICC250   | AR1248ICC250      | PP072183.D | 19 May 2025 14:53 |  | YPIAJ | Ok   |
| 23 | AR1248ICC050   | AR1248ICC050      | PP072184.D | 19 May 2025 15:25 |  | YPIAJ | Ok,M |
| 24 | AR1254ICC1000  | AR1254ICC1000     | PP072185.D | 19 May 2025 15:42 |  | YPIAJ | Ok   |
| 25 | AR1254ICC750   | AR1254ICC750      | PP072186.D | 19 May 2025 15:58 |  | YPIAJ | Ok   |
| 26 | AR1254ICC500   | AR1254ICC500      | PP072187.D | 19 May 2025 16:14 |  | YPIAJ | Ok   |
| 27 | AR1254ICC250   | AR1254ICC250      | PP072188.D | 19 May 2025 16:31 |  | YPIAJ | Ok   |
| 28 | AR1254ICC050   | AR1254ICC050      | PP072189.D | 19 May 2025 16:47 |  | YPIAJ | Ok,M |
| 29 | AR1262ICC500   | AR1262ICC500      | PP072190.D | 19 May 2025 17:03 |  | YPIAJ | Ok   |
| 30 | AR1268ICC1000  | AR1268ICC1000     | PP072191.D | 19 May 2025 17:20 |  | YPIAJ | Ok   |
| 31 | AR1268ICC750   | AR1268ICC750      | PP072192.D | 19 May 2025 17:36 |  | YPIAJ | Ok   |
| 32 | AR1268ICC500   | AR1268ICC500      | PP072193.D | 19 May 2025 17:53 |  | YPIAJ | Ok   |
| 33 | AR1268ICC250   | AR1268ICC250      | PP072194.D | 19 May 2025 18:09 |  | YPIAJ | Ok   |
| 34 | AR1268ICC050   | AR1268ICC050      | PP072195.D | 19 May 2025 18:25 |  | YPIAJ | Ok,M |
| 35 | PP051925ICV500 | ICVPP051925       | PP072196.D | 19 May 2025 18:42 |  | YPIAJ | Ok   |
| 36 | AR1232ICV500   | ICVPP051925AR1232 | PP072197.D | 19 May 2025 19:14 |  | YPIAJ | Ok   |
| 37 | AR1242ICV500   | ICVPP051925AR1242 | PP072198.D | 19 May 2025 19:47 |  | YPIAJ | Ok   |

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP051925**

| Review By                | yogesh                                                                                                                                                                                                                                                                                                                                  | Review On         | 5/19/2025 12:22:08 PM         |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                                | Supervise On      | 5/22/2025 6:37:35 AM          |
| SubDirectory             | PP051925                                                                                                                                                                                                                                                                                                                                | HP Acquire Method | HP Processing Method PP051925 |
| STD. NAME                | STD REF.#                                                                                                                                                                                                                                                                                                                               |                   |                               |
| Tune/Reschk              | PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P<br>P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP<br>24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 |                   |                               |
| Initial Calibration Stds |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| CCC                      |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| ICV/I.BLK                |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| MS/MSD Standard          | PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387                                                                                                                                                                                                 |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                         |                   |                               |

|    |              |                   |            |                   |  |       |    |
|----|--------------|-------------------|------------|-------------------|--|-------|----|
| 38 | AR1248ICV500 | ICVPP051925AR1248 | PP072199.D | 19 May 2025 20:19 |  | YPIAJ | Ok |
| 39 | AR1254ICV500 | ICVPP051925AR1254 | PP072200.D | 19 May 2025 20:52 |  | YPIAJ | Ok |
| 40 | AR1268ICV500 | ICVPP051925AR1268 | PP072201.D | 19 May 2025 21:25 |  | YPIAJ | Ok |

M : Manual Integration

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP061325**

|              |          |                   |                               |
|--------------|----------|-------------------|-------------------------------|
| Review By    | yogesh   | Review On         | 6/13/2025 1:22:51 PM          |
| Supervise By | mohammad | Supervise On      | 6/17/2025 3:41:07 AM          |
| SubDirectory | PP061325 | HP Acquire Method | HP Processing Method PP051925 |

| STD. NAME                | STD REF.#                                                                                                                                                                                                                                                                                                                       |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                 |
| Initial Calibration Stds | PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 |
| CCC                      | PP24332,PP24347,PP24352,PP24357                                                                                                                                                                                                                                                                                                 |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                 |
| ICV/I.BLK                | PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387                                                                                                                                                                                         |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                 |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                 |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                 |

| Sr# | SampleId     | ClientID          | Data File Name | Date-Time         | Comment                | Operator | Status |
|-----|--------------|-------------------|----------------|-------------------|------------------------|----------|--------|
| 1   | HEXANE       | HEXANE            | PP072897.D     | 13 Jun 2025 09:28 |                        | YP\AJ    | Ok     |
| 2   | AR1660CCC500 | AR1660CCC500      | PP072898.D     | 13 Jun 2025 09:44 | DCB high in 2nd column | YP\AJ    | Ok,M   |
| 3   | AR1242CCC500 | AR1242CCC500      | PP072899.D     | 13 Jun 2025 10:01 |                        | YP\AJ    | Ok,M   |
| 4   | AR1248CCC500 | AR1248CCC500      | PP072900.D     | 13 Jun 2025 10:17 |                        | YP\AJ    | Ok,M   |
| 5   | AR1254CCC500 | AR1254CCC500      | PP072901.D     | 13 Jun 2025 10:33 |                        | YP\AJ    | Ok,M   |
| 6   | AR1268CCC500 | AR1268CCC500      | PP072902.D     | 13 Jun 2025 10:50 |                        | YP\AJ    | Ok,M   |
| 7   | I.BLK        | I.BLK             | PP072903.D     | 13 Jun 2025 11:06 |                        | YP\AJ    | Ok,M   |
| 8   | PB168459BL   | PB168459BL        | PP072904.D     | 13 Jun 2025 11:22 |                        | YP\AJ    | Ok,M   |
| 9   | PB168459BS   | PB168459BS        | PP072905.D     | 13 Jun 2025 11:39 |                        | YP\AJ    | Ok,M   |
| 10  | Q2303-01     | B-165-SB01        | PP072906.D     | 13 Jun 2025 11:55 | AR1254 Hit             | YP\AJ    | Ok,M   |
| 11  | Q2303-02     | B-170-SB03        | PP072907.D     | 13 Jun 2025 12:11 |                        | YP\AJ    | Ok,M   |
| 12  | Q2298-01     | AU-05-061125      | PP072908.D     | 13 Jun 2025 12:28 |                        | YP\AJ    | Ok,M   |
| 13  | Q2301-02     | WC-URBAN-FILL-C   | PP072909.D     | 13 Jun 2025 12:44 |                        | YP\AJ    | Ok,M   |
| 14  | Q2305-01     | TR-04-06122025    | PP072910.D     | 13 Jun 2025 13:00 |                        | YP\AJ    | Ok,M   |
| 15  | Q2305-01MS   | TR-04-06122025MS  | PP072911.D     | 13 Jun 2025 13:16 |                        | YP\AJ    | Ok,M   |
| 16  | Q2305-01MSD  | TR-04-06122025MSD | PP072912.D     | 13 Jun 2025 13:33 |                        | YP\AJ    | Ok,M   |
| 17  | Q2307-01     | LINDEN-SAA        | PP072913.D     | 13 Jun 2025 13:49 |                        | YP\AJ    | Ok,M   |
| 18  | AR1660CCC500 | AR1660CCC500      | PP072914.D     | 13 Jun 2025 14:48 |                        | YP\AJ    | Ok,M   |

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP061325**

|                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                                                                                                                                         | yogesh                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Review On         | 6/13/2025 1:22:51 PM          |
| Supervise By                                                                                                                                      | mohammad                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Supervise On      | 6/17/2025 3:41:07 AM          |
| SubDirectory                                                                                                                                      | PP061325                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | HP Acquire Method | HP Processing Method PP051925 |
| <b>STD. NAME</b>                                                                                                                                  | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                   |                               |
| Tune/Reschk<br>Initial Calibration Stds<br><br>CCC<br>Internal Standard/PEM<br>ICV/I.BLK<br>Surrogate Standard<br>MS/MSD Standard<br>LCS Standard | PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P<br>P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP<br>24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369<br><br>PP24332,PP24347,PP24352,PP24357<br><br>PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387 |                   |                               |

|    |              |                |            |                   |                                        |       |      |
|----|--------------|----------------|------------|-------------------|----------------------------------------|-------|------|
| 19 | AR1242CCC500 | AR1242CCC500   | PP072915.D | 13 Jun 2025 15:05 |                                        | YPIAJ | Ok,M |
| 20 | AR1248CCC500 | AR1248CCC500   | PP072916.D | 13 Jun 2025 15:21 |                                        | YPIAJ | Ok,M |
| 21 | AR1254CCC500 | AR1254CCC500   | PP072917.D | 13 Jun 2025 15:37 | 1st peak low in 1st column             | YPIAJ | Ok,M |
| 22 | I.BLK        | I.BLK          | PP072918.D | 13 Jun 2025 15:54 |                                        | YPIAJ | Ok,M |
| 23 | PB168461BL   | PB168461BL     | PP072919.D | 13 Jun 2025 16:10 |                                        | YPIAJ | Ok,M |
| 24 | PB168461BS   | PB168461BS     | PP072920.D | 13 Jun 2025 16:26 |                                        | YPIAJ | Ok,M |
| 25 | Q2308-01     | EO-02-06122025 | PP072921.D | 13 Jun 2025 16:42 |                                        | YPIAJ | Ok,M |
| 26 | Q2310-01     | TP-7           | PP072922.D | 13 Jun 2025 16:59 |                                        | YPIAJ | Ok,M |
| 27 | Q2304-01     | RBR200057-1    | PP072923.D | 13 Jun 2025 17:15 | AR1248 Hit                             | YPIAJ | Ok,M |
| 28 | Q2304-02     | RBR200057-2    | PP072924.D | 13 Jun 2025 17:31 | AR1248 Hit                             | YPIAJ | Ok,M |
| 29 | Q2304-03     | VNJ239-3       | PP072925.D | 13 Jun 2025 17:48 | AR1248 Hit                             | YPIAJ | Ok,M |
| 30 | Q2304-04     | VNJ239-4       | PP072926.D | 13 Jun 2025 18:04 | AR1248 Hit                             | YPIAJ | Ok,M |
| 31 | Q2304-05     | VNJ239-5       | PP072927.D | 13 Jun 2025 18:20 | AR1248 Hit , Confirm corrected<br>typo | YPIAJ | Ok,M |
| 32 | AR1660CCC500 | AR1660CCC500   | PP072928.D | 13 Jun 2025 19:31 |                                        | YPIAJ | Ok,M |
| 33 | AR1242CCC500 | AR1242CCC500   | PP072929.D | 13 Jun 2025 20:03 |                                        | YPIAJ | Ok,M |
| 34 | AR1248CCC500 | AR1248CCC500   | PP072930.D | 13 Jun 2025 20:20 |                                        | YPIAJ | Ok,M |
| 35 | AR1254CCC500 | AR1254CCC500   | PP072931.D | 13 Jun 2025 20:36 | DCB high in 2nd column                 | YPIAJ | Ok,M |
| 36 | I.BLK        | I.BLK          | PP072932.D | 13 Jun 2025 20:52 |                                        | YPIAJ | Ok,M |
| 37 | PB168480BL   | PB168480BL     | PP072933.D | 13 Jun 2025 21:08 |                                        | YPIAJ | Ok,M |

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP061325**

|                                         |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
|-----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                               | yogesh                                                                                                                                                                                                                                                                                                                                  | Review On         | 6/13/2025 1:22:51 PM          |
| Supervise By                            | mohammad                                                                                                                                                                                                                                                                                                                                | Supervise On      | 6/17/2025 3:41:07 AM          |
| SubDirectory                            | PP061325                                                                                                                                                                                                                                                                                                                                | HP Acquire Method | HP Processing Method PP051925 |
| <b>STD. NAME</b>                        | <b>STD REF.#</b>                                                                                                                                                                                                                                                                                                                        |                   |                               |
| Tune/Reschk<br>Initial Calibration Stds | PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P<br>P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP<br>24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 |                   |                               |
| CCC                                     | PP24332,PP24347,PP24352,PP24357                                                                                                                                                                                                                                                                                                         |                   |                               |
| Internal Standard/PEM                   |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| ICV/I.BLK                               | PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387                                                                                                                                                                                                 |                   |                               |
| Surrogate Standard                      |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| MS/MSD Standard                         |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| LCS Standard                            |                                                                                                                                                                                                                                                                                                                                         |                   |                               |

|    |              |              |            |                   |                        |       |      |
|----|--------------|--------------|------------|-------------------|------------------------|-------|------|
| 38 | PB168480BS   | PB168480BS   | PP072934.D | 13 Jun 2025 21:25 |                        | YPIAJ | Ok,M |
| 39 | Q2326-01     | BC274770-1-1 | PP072935.D | 13 Jun 2025 21:41 | DCB high in 1st column | YPIAJ | Ok,M |
| 40 | Q2326-02     | BC274770-1-2 | PP072936.D | 13 Jun 2025 21:57 | DCB high in 1st column | YPIAJ | Ok,M |
| 41 | Q2326-03     | BC274770-2-1 | PP072937.D | 13 Jun 2025 22:13 | DCB high in 1st column | YPIAJ | Ok,M |
| 42 | Q2326-04     | BC274770-2-2 | PP072938.D | 13 Jun 2025 22:30 |                        | YPIAJ | Ok,M |
| 43 | Q2326-05     | BC274770-3-1 | PP072939.D | 13 Jun 2025 22:46 | DCB high in 1st column | YPIAJ | Ok,M |
| 44 | Q2326-06     | BC274770-3-2 | PP072940.D | 13 Jun 2025 23:02 |                        | YPIAJ | Ok,M |
| 45 | Q2326-07     | ECA45N-1-1   | PP072941.D | 13 Jun 2025 23:19 |                        | YPIAJ | Ok,M |
| 46 | Q2326-08     | ECA45N-12    | PP072942.D | 13 Jun 2025 23:35 |                        | YPIAJ | Ok,M |
| 47 | AR1660CCC500 | AR1660CCC500 | PP072943.D | 14 Jun 2025 02:07 |                        | YPIAJ | Ok,M |
| 48 | AR1242CCC500 | AR1242CCC500 | PP072944.D | 14 Jun 2025 02:40 |                        | YPIAJ | Ok,M |
| 49 | AR1248CCC500 | AR1248CCC500 | PP072945.D | 14 Jun 2025 02:56 |                        | YPIAJ | Ok,M |
| 50 | AR1254CCC500 | AR1254CCC500 | PP072946.D | 14 Jun 2025 03:12 | DCB high in 2nd column | YPIAJ | Ok,M |
| 51 | I.BLK        | I.BLK        | PP072947.D | 14 Jun 2025 03:28 |                        | YPIAJ | Ok,M |
| 52 | Q2327-01     | HEH700H-1-1  | PP072948.D | 14 Jun 2025 03:45 | AR1254 Hit             | YPIAJ | Ok,M |
| 53 | Q2327-02     | HEH700H-1-2  | PP072949.D | 14 Jun 2025 04:01 |                        | YPIAJ | Ok,M |
| 54 | Q2327-03     | HEH700H-2-1  | PP072950.D | 14 Jun 2025 04:17 | AR1254 Hit             | YPIAJ | Ok,M |
| 55 | Q2327-04     | HEH700H-2-2  | PP072951.D | 14 Jun 2025 04:34 | AR1254 Hit             | YPIAJ | Ok,M |
| 56 | AR1660CCC500 | AR1660CCC500 | PP072952.D | 14 Jun 2025 08:24 |                        | YPIAJ | Ok,M |

Instrument ID: ECD\_P

**Daily Analysis Runlog For Sequence/QC Batch ID # PP061325**

| Review By                | yogesh                                                                                                                                                                                                                                                                                                                                  | Review On         | 6/13/2025 1:22:51 PM          |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Supervise By             | mohammad                                                                                                                                                                                                                                                                                                                                | Supervise On      | 6/17/2025 3:41:07 AM          |
| SubDirectory             | PP061325                                                                                                                                                                                                                                                                                                                                | HP Acquire Method | HP Processing Method PP051925 |
| STD. NAME                | STD REF.#                                                                                                                                                                                                                                                                                                                               |                   |                               |
| Tune/Reschk              |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| Initial Calibration Stds | PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P<br>P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP<br>24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 |                   |                               |
| CCC                      | PP24332,PP24347,PP24352,PP24357                                                                                                                                                                                                                                                                                                         |                   |                               |
| Internal Standard/PEM    |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| ICV/I.BLK                | PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387                                                                                                                                                                                                 |                   |                               |
| Surrogate Standard       |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| MS/MSD Standard          |                                                                                                                                                                                                                                                                                                                                         |                   |                               |
| LCS Standard             |                                                                                                                                                                                                                                                                                                                                         |                   |                               |

|    |              |              |            |                   |  |       |      |
|----|--------------|--------------|------------|-------------------|--|-------|------|
| 57 | AR1242CCC500 | AR1242CCC500 | PP072953.D | 14 Jun 2025 08:40 |  | YPIAJ | Ok,M |
| 58 | AR1248CCC500 | AR1248CCC500 | PP072954.D | 14 Jun 2025 08:56 |  | YPIAJ | Ok,M |
| 59 | AR1254CCC500 | AR1254CCC500 | PP072955.D | 14 Jun 2025 09:12 |  | YPIAJ | Ok,M |
| 60 | I.BLK        | I.BLK        | PP072956.D | 14 Jun 2025 09:29 |  | YPIAJ | Ok,M |

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona  
Analyst: jignesh  
Date: 6/13/2025

OVENTEMP IN Celsius(°C): 108  
Time IN: 17:15  
In Date: 06/12/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103  
Time OUT: 08:22  
Out Date: 06/13/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
BalanceID: M SC-4  
Thermometer ID: % SOLID- OVEN

QC:LB136126

| 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        |
|----------|-----------------|--------|----------------|--------------|-------------------------|---------------------------|---------|-----------------|
| Q2287-01 | CONCRETE-SLAB   | 1      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | CONCRETE sample |
| Q2296-01 | WC-1            | 2      | 1.18           | 10.56        | 11.74                   | 9.74                      | 81.1    |                 |
| Q2296-02 | WC-1-EPH        | 3      | 1.18           | 10.23        | 11.41                   | 9.55                      | 81.8    |                 |
| Q2296-03 | WC-1-VOC        | 4      | 1.19           | 10.57        | 11.76                   | 9.63                      | 79.8    |                 |
| Q2296-05 | WC-2            | 5      | 1.19           | 10.58        | 11.77                   | 10.52                     | 88.2    |                 |
| Q2296-06 | WC-2-EPH        | 6      | 1.19           | 10.30        | 11.49                   | 10.5                      | 90.4    |                 |
| Q2296-07 | WC-2-VOC        | 7      | 1.19           | 10.21        | 11.4                    | 10.62                     | 92.4    |                 |
| Q2296-09 | WC-3            | 8      | 1.15           | 10.78        | 11.93                   | 10.33                     | 85.2    |                 |
| Q2296-10 | WC-3-EPH        | 9      | 1.19           | 10.60        | 11.79                   | 10.1                      | 84.1    |                 |
| Q2296-11 | WC-3-VOC        | 10     | 1.18           | 10.81        | 11.99                   | 10.36                     | 84.9    |                 |
| Q2296-13 | WC-4            | 11     | 1.15           | 10.77        | 11.92                   | 9.95                      | 81.7    |                 |
| Q2296-14 | WC-4-EPH        | 12     | 1.13           | 10.48        | 11.61                   | 9.88                      | 83.5    |                 |
| Q2296-15 | WC-4-VOC        | 13     | 1.14           | 10.72        | 11.86                   | 9.71                      | 79.9    |                 |
| Q2296-17 | WC-5            | 14     | 1.17           | 10.49        | 11.66                   | 10.63                     | 90.2    |                 |
| Q2296-18 | WC-5-EPH        | 15     | 1.17           | 10.50        | 11.67                   | 10.32                     | 87.1    |                 |
| Q2296-19 | WC-5-VOC        | 16     | 1.15           | 10.83        | 11.98                   | 10.97                     | 90.7    |                 |
| Q2296-21 | WC-6            | 19     | 1.13           | 10.37        | 11.5                    | 10.2                      | 87.5    |                 |
| Q2296-22 | WC-6-EPH        | 17     | 1.14           | 10.44        | 11.58                   | 10.65                     | 91.1    |                 |
| Q2296-23 | WC-6-VOC        | 18     | 1.17           | 10.82        | 11.99                   | 10.36                     | 84.9    |                 |
| Q2297-01 | TP-3            | 20     | 1.15           | 10.96        | 12.11                   | 10.2                      | 82.6    |                 |
| Q2297-02 | TP-3-EPH        | 21     | 1.14           | 10.85        | 11.99                   | 11.04                     | 91.2    |                 |
| Q2297-03 | TP-3-VOC        | 22     | 1.12           | 10.16        | 11.28                   | 10.3                      | 90.4    |                 |
| Q2298-01 | AU-05-061125    | 23     | 1.15           | 11.63        | 12.78                   | 11.7                      | 90.7    |                 |
| Q2298-02 | AU-05-061125    | 24     | 1.15           | 11.63        | 12.78                   | 11.7                      | 90.7    |                 |
| Q2301-02 | WC-URBAN-FILL-C | 25     | 1.16           | 10.37        | 11.53                   | 9.77                      | 83.0    |                 |
| Q2303-01 | B-165-SB01      | 26     | 1.14           | 10.74        | 11.88                   | 10.12                     | 83.6    |                 |
| Q2303-02 | B-170-SB03      | 27     | 1.13           | 10.37        | 11.5                    | 10.74                     | 92.7    |                 |
| Q2304-01 | RBR200057-1     | 28     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | wipe sample     |



# PERCENT SOLID

Supervisor: Iwona  
Analyst: jignesh  
Date: 6/13/2025

OVENTEMP IN Celsius(°C): 108  
Time IN: 17:15  
In Date: 06/12/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103  
Time OUT: 08:22  
Out Date: 06/13/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
BalanceID: M SC-4  
Thermometer ID: % SOLID- OVEN

QC:LB136126

| 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    |
|----------|-------------------|--------|----------------|--------------|-------------------------|---------------------------|---------|-------------|
| Q2304-02 | RBR200057-2       | 29     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | wipe sample |
| Q2304-03 | VNJ239-3          | 30     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | wipe sample |
| Q2304-04 | VNJ239-4          | 31     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | wipe sample |
| Q2304-05 | VNJ239-5          | 32     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | wipe sample |
| Q2305-01 | TR-04-06122025    | 33     | 1.18           | 10.17        | 11.35                   | 11.17                     | 98.2    |             |
| Q2305-02 | TR-04-06122025-E2 | 34     | 1.13           | 10.69        | 11.82                   | 11.24                     | 94.6    |             |
| Q2307-01 | LINDEN-SAA        | 35     | 1.14           | 10.54        | 11.68                   | 8.87                      | 73.3    |             |
| Q2307-02 | LINDEN-SAA        | 36     | 1.13           | 10.70        | 11.83                   | 8.87                      | 72.3    |             |
| Q2308-01 | EO-02-06122025    | 37     | 1.12           | 10.24        | 11.36                   | 10.38                     | 90.4    |             |
| Q2308-02 | EO-02-06122025-E2 | 38     | 1.19           | 10.75        | 11.94                   | 10.98                     | 91.1    |             |
| Q2310-01 | TP-7              | 39     | 1.18           | 10.42        | 11.6                    | 10.42                     | 88.7    |             |
| Q2310-02 | TP-7-EPH          | 40     | 1.15           | 11.29        | 12.44                   | 11.08                     | 88.0    |             |
| Q2310-03 | TP-7-VOC          | 41     | 1.12           | 10.91        | 12.03                   | 10.99                     | 90.5    |             |

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

# WORKLIST(Hardcopy Internal Chain)

136126

WorkList Name : %1-061225

WorkList ID : 190126

Department : Wet-Chemistry

Date : 06-12-2025 08:16:58

| Sample   | Customer Sample | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|-----------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q2287-01 | CONCRETE-SLAB   | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 06/11/2025   | Chemtech -SO |
| Q2296-01 | WC-1            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | N22                         | 06/11/2025   | Chemtech -SO |
| Q2296-02 | WC-1-EPH        | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | N22                         | 06/11/2025   | Chemtech -SO |
| Q2296-03 | WC-1-VOC        | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | N22                         | 06/11/2025   | Chemtech -SO |
| Q2296-05 | WC-2            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | N22                         | 06/11/2025   | Chemtech -SO |
| Q2296-06 | WC-2-EPH        | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | N22                         | 06/11/2025   | Chemtech -SO |
| Q2296-07 | WC-2-VOC        | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | N22                         | 06/11/2025   | Chemtech -SO |
| Q2296-09 | WC-3            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | N22                         | 06/11/2025   | Chemtech -SO |
| Q2296-10 | WC-3-EPH        | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | N22                         | 06/11/2025   | Chemtech -SO |
| Q2296-11 | WC-3-VOC        | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | N22                         | 06/11/2025   | Chemtech -SO |
| Q2296-13 | WC-4            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | N22                         | 06/11/2025   | Chemtech -SO |
| Q2296-14 | WC-4-EPH        | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | N22                         | 06/11/2025   | Chemtech -SO |
| Q2296-15 | WC-4-VOC        | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | N22                         | 06/11/2025   | Chemtech -SO |
| Q2296-17 | WC-5            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | N22                         | 06/11/2025   | Chemtech -SO |
| Q2296-18 | WC-5-EPH        | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | N22                         | 06/11/2025   | Chemtech -SO |
| Q2296-19 | WC-5-VOC        | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | N22                         | 06/11/2025   | Chemtech -SO |
| Q2296-21 | WC-6            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | N22                         | 06/11/2025   | Chemtech -SO |
| Q2296-22 | WC-6-EPH        | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | N22                         | 06/11/2025   | Chemtech -SO |
| Q2296-23 | WC-6-VOC        | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | N22                         | 06/11/2025   | Chemtech -SO |
| Q2297-01 | TP-3            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | N11                         | 06/11/2025   | Chemtech -SO |
| Q2297-02 | TP-3-EPH        | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | N11                         | 06/11/2025   | Chemtech -SO |

Date/Time 06-12-25 15:20

Raw Sample Received by: 88 woc

Raw Sample Relinquished by: CP SM

Date/Time

06-12-25

Raw Sample Received by:

Raw Sample Relinquished by:

# WORKLIST(Hardcopy Internal Chain)

136126

WorkList Name : %1-061225

WorkList ID : 190126

Department : Wet-Chemistry

Date : 06-12-2025 08:16:58

| Sample   | Customer Sample   | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|-------------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q2297-03 | TP-3-VOC          | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | N11                         | 06/11/2025   | Chemtech -SO |
| Q2298-01 | AU-05-061125      | Solid  | Percent Solids | Cool 4 deg C | PSEG05   | D41                         | 06/11/2025   | Chemtech -SO |
| Q2298-02 | AU-05-061125      | Solid  | Percent Solids | Cool 4 deg C | PSEG05   | D41                         | 06/11/2025   | Chemtech -SO |
| Q2301-02 | WC-URBAN-FILL-C   | Solid  | Percent Solids | Cool 4 deg C | ENTA05   | D41                         | 06/11/2025   | Chemtech -SO |
| Q2303-01 | B-165-SB01        | Solid  | Percent Solids | Cool 4 deg C | PORT06   | D41                         | 06/11/2025   | Chemtech -SO |
| Q2303-02 | B-170-SB03        | Solid  | Percent Solids | Cool 4 deg C | PORT06   | D41                         | 06/11/2025   | Chemtech -SO |
| Q2304-01 | RBR200057-1       | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 06/11/2025   | Chemtech -SO |
| Q2304-02 | RBR200057-2       | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 06/12/2025   | Chemtech -SO |
| Q2304-03 | VNJ239-3          | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 06/12/2025   | Chemtech -SO |
| Q2304-04 | VNJ239-4          | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 06/12/2025   | Chemtech -SO |
| Q2304-05 | VNJ239-5          | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 06/12/2025   | Chemtech -SO |
| Q2305-01 | TR-04-06122025    | Solid  | Percent Solids | Cool 4 deg C | PSEG05   | D41                         | 06/12/2025   | Chemtech -SO |
| Q2305-02 | TR-04-06122025-E2 | Solid  | Percent Solids | Cool 4 deg C | PSEG05   | D41                         | 06/12/2025   | Chemtech -SO |
| Q2307-01 | LINDEN-SAA        | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D51                         | 06/12/2025   | Chemtech -SO |
| Q2307-02 | LINDEN-SAA        | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D51                         | 06/12/2025   | Chemtech -SO |
| Q2308-01 | EO-02-06122025    | Solid  | Percent Solids | Cool 4 deg C | PSEG05   | D51                         | 06/12/2025   | Chemtech -SO |
| Q2308-02 | EO-02-06122025-E2 | Solid  | Percent Solids | Cool 4 deg C | PSEG05   | D51                         | 06/12/2025   | Chemtech -SO |
| Q2310-01 | TP-7              | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 06/12/2025   | Chemtech -SO |
| Q2310-02 | TP-7-EPH          | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 06/12/2025   | Chemtech -SO |
| Q2310-03 | TP-7-VOC          | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 06/12/2025   | Chemtech -SO |

Date/Time 06/12/25 15:20

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Date/Time 06/12/25

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

|                           |                                                                                                                                                                                                                     |                                |            |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|------------|
| <b>SOP ID:</b>            | M3541-ASE Extraction-14                                                                                                                                                                                             |                                |            |
| <b>Clean Up SOP #:</b>    | Acid Cleanup                                                                                                                                                                                                        | <b>Extraction Start Date :</b> | 06/13/2025 |
| <b>Matrix :</b>           | Solid                                                                                                                                                                                                               | <b>Extraction Start Time :</b> | 08:05      |
| <b>Weigh By:</b>          | EH                                                                                                                                                                                                                  | <b>Extraction By:</b>          | RJ         |
| <b>Balance check:</b>     | RJ                                                                                                                                                                                                                  | <b>Filter By:</b>              | RJ         |
| <b>Balance ID:</b>        | EX-SC-2                                                                                                                                                                                                             | <b>pH Meter ID:</b>            | N/A        |
| <b>pH Strip Lot#:</b>     | N/A                                                                                                                                                                                                                 | <b>Hood ID:</b>                | 3,7        |
|                           |                                                                                                                                                                                                                     | <b>Concentration By:</b>       | EH         |
|                           |                                                                                                                                                                                                                     | <b>Supervisor By :</b>         | RUPESH     |
| <b>Extraction Method:</b> | <input type="checkbox"/> Seperatory Funnel <input type="checkbox"/> Continous Liquid/Liquid <input type="checkbox"/> Sonication <input type="checkbox"/> Waste Dilution <input checked="" type="checkbox"/> Soxhlet |                                |            |

| Standard Name | MLS USED | Concentration ug/mL | STD REF. # FROM LOG |
|---------------|----------|---------------------|---------------------|
| Spike Sol 1   | 1.0ML    | 5000 PPB            | PP24461             |
| Surrogate     | 1.0ML    | 200 PPB             | PP24597             |
| 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            | EP2613     |
| Baked Na2SO4       | N/A            | EP2620     |
| Sand               | N/A            | E2865      |
| Hexane             | N/A            | E3938      |
| H2SO4 1:1          | N/A            | EP2610     |
| 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:**

40ML Vial Lot # 03-40BTS723.

|                             |     |                           |          |
|-----------------------------|-----|---------------------------|----------|
| <b>KD Bath ID:</b>          | N/A | <b>Envap ID:</b>          | NEVAP-02 |
| <b>KD Bath Temperature:</b> | N/A | <b>Envap Temperature:</b> | 40 °C    |

| Date / Time       | Prepped Sample Relinquished By/Location | Received By/Location |
|-------------------|-----------------------------------------|----------------------|
| 06/13/25<br>11:05 | RP (Est 204)                            | T.P. Pest 1843       |
|                   | Preparation Group                       | Analysis Group       |

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 06/13/2025

| Sample ID       | Client Sample ID  | Test | g/mL  | PH  | Surr/Spike By: |            | Final Vol.<br>(mL) | JarID | Comments | Prep<br>Pos |
|-----------------|-------------------|------|-------|-----|----------------|------------|--------------------|-------|----------|-------------|
|                 |                   |      |       |     | AddedBy        | VerifiedBy |                    |       |          |             |
| PB168459BL      | ABLK459           | PCB  | 30.01 | N/A | ritesh         | Evelyn     | 10                 |       |          | U3-1        |
| PB168459BS      | ALCS459           | PCB  | 30.03 | N/A | ritesh         | Evelyn     | 10                 |       |          | 2           |
| Q2298-01        | AU-05-061125      | PCB  | 30.07 | N/A | ritesh         | Evelyn     | 10                 | D     |          | 3           |
| Q2301-02        | WC-URBAN-FILL-C   | PCB  | 30.03 | N/A | ritesh         | Evelyn     | 10                 | D     |          | 4           |
| Q2303-01        | B-165-SB01        | PCB  | 30.08 | N/A | ritesh         | Evelyn     | 10                 |       |          | 5           |
| Q2303-02        | B-170-SB03        | PCB  | 30.05 | N/A | ritesh         | Evelyn     | 10                 |       |          | 6           |
| Q2305-01        | TR-04-06122025    | PCB  | 30.04 | N/A | ritesh         | Evelyn     | 10                 | D     |          | U6-1        |
| Q2305-01MS      | TR-04-06122025MS  | PCB  | 30.02 | N/A | ritesh         | Evelyn     | 10                 | D     |          | 2           |
| Q2305-01MS<br>D | TR-04-06122025MSD | PCB  | 30.06 | N/A | ritesh         | Evelyn     | 10                 | D     |          | 3           |
| Q2307-01        | LINDEN-SAA        | PCB  | 30.07 | N/A | ritesh         | Evelyn     | 10                 | C     |          | 4           |
| Q2308-01        | EO-02-06122025    | PCB  | 30.03 | N/A | ritesh         | Evelyn     | 10                 | D     |          | 5           |
| Q2310-01        | TP-7              | PCB  | 30.01 | N/A | ritesh         | Evelyn     | 10                 | D     |          | 6           |

\* Extracts relinquished on the same date as received.

6/13/25

169135  
6:00 PM

# WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2298      WorkList ID : 190173      Department : Extraction      Date : 06-13-2025 07:59:41

| Sample   | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample<br>Storage<br>Location | Collect Date | Method |
|----------|-----------------|--------|------|--------------|----------|-----------------------------------|--------------|--------|
| Q2298-01 | AU-05-061125    | Solid  | PCB  | Cool 4 deg C | PSEG05   | D41                               | 06/11/2025   | 8082A  |
| Q2301-02 | WC-URBAN-FILL-C | Solid  | PCB  | Cool 4 deg C | ENTA05   | D41                               | 06/11/2025   | 8082A  |
| Q2303-01 | B-165-SB01      | Solid  | PCB  | Cool 4 deg C | PORT06   | D41                               | 06/11/2025   | 8082A  |
| Q2303-02 | B-170-SB03      | Solid  | PCB  | Cool 4 deg C | PORT06   | D41                               | 06/11/2025   | 8082A  |
| Q2305-01 | TR-04-06122025  | Solid  | PCB  | Cool 4 deg C | PSEG05   | D41                               | 06/12/2025   | 8082A  |
| Q2307-01 | LINDEN-SAA      | Solid  | PCB  | Cool 4 deg C | PSEG03   | D51                               | 06/12/2025   | 8082A  |
| Q2308-01 | EO-02-06122025  | Solid  | PCB  | Cool 4 deg C | PSEG05   | D51                               | 06/12/2025   | 8082A  |
| Q2310-01 | TP-7            | Solid  | PCB  | Cool 4 deg C | PSEG03   | D41                               | 06/12/2025   | 8082A  |

Date/Time      06/13/25      8:00  
Raw Sample Received by:      R (let lab)  
Raw Sample Relinquished by:      OJ Sm

Date/Time      06/13/25      8:25  
Raw Sample Received by:      CP Sm  
Raw Sample Relinquished by:      R (let lab)



# SHIPPING DOCUMENTS



284 Sheffield Street, Mountainside, NJ 07092  
(908) 789-8900 Fax: (908) 788-9222  
www.chemtech.net

### CHAIN OF CUSTODY RECORD

Alliance Project Number:

Q2301

COC Number: 2042113

Page 1 of 2

#### CLIENT INFORMATION

COMPANY: ENTACT, LLC  
ADDRESS: 150 Bay Street, Suite 806  
CITY: Jersey City STATE: NJ ZIP: 07302  
ATTENTION: Austin Farmerie  
PHONE: 412-716-1366 FAX:

#### PROJECT INFORMATION

PROJECT NAME: 540 Degraw St Brooklyn, NY  
PROJECT #: E9309 LOCATION: Brooklyn, NY  
PROJECT MANAGER: Austin Farmerie  
E-MAIL: afarmerie@entact.com  
PHONE: 412-716-1366 FAX:

#### BILLING INFORMATION

BILL TO: ENTACT, LLC PO# E9309  
ADDRESS: 999 Oakmont Plaza Drive, Suite 300  
CITY: Westmont STATE: IL ZIP: 60559  
ATTENTION: Wendy Murray PHONE: 800-936-8228

#### ANALYSIS

| TCLP VOCs | TCLP ICP Metals<br>+ Cu, Ni, Zn | TCLP Herb | TCLP Pest | TCLP SVOCs | TCLP pH | I/CR | PCBs | Oil & Grease |
|-----------|---------------------------------|-----------|-----------|------------|---------|------|------|--------------|
| 1         | 2                               | 3         | 4         | 5          | 6       | 7    | 8    | 9            |

#### PRESERVATIVES

#### COMMENTS

← Specify Preservatives  
A-HCl B-HNO3  
C-H2SO4 D-NaOH  
E-ICE F-Other

#### DATA TURNAROUND INFORMATION

FAX: 3 DAYS\*  
HARD COPY: 3 DAYS\*  
EDD 3 DAYS\*  
\* TO BE APPROVED BY ALLIANCE  
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

#### DATA DELIVERABLE INFORMATION

- ☐ RESULTS ONLY ☐ USEPA CLP  
☐ RESULTS + QC ☐ New York State ASP "B"  
☐ New Jersey REDUCED ☐ New York State ASP "A"  
☐ New Jersey CLP ☐ Other \_\_\_\_\_  
☐ EDD Format \_\_\_\_\_

| CHEMTECH<br>SAMPLE<br>ID | PROJECT<br>SAMPLE IDENTIFICATION | SAMPLE<br>MATRIX | SAMPLE<br>TYPE |      | SAMPLE<br>COLLECTION |       | # of Bottles |   |   |   |   |   |   |   |   |   |  |
|--------------------------|----------------------------------|------------------|----------------|------|----------------------|-------|--------------|---|---|---|---|---|---|---|---|---|--|
|                          |                                  |                  | COMP           | GRAB | DATE                 | TIME  |              | E | E | E | E | E | E | E | E | E |  |
| 1.                       | WC-URBAN-FILL-G                  | Soil             |                | X    | 6/11                 | 12:00 | 1            | X |   |   |   |   |   |   |   |   |  |
| 2.                       | WC-URBAN-FILL-C                  | Soil             | X              |      | 6/11                 | 12:00 | 11           |   | X | X | X | X | X | X | X | X |  |
| 3.                       |                                  |                  |                |      |                      |       |              |   |   |   |   |   |   |   |   |   |  |
| 4.                       |                                  |                  |                |      |                      |       |              |   |   |   |   |   |   |   |   |   |  |
| 5.                       |                                  |                  |                |      |                      |       |              |   |   |   |   |   |   |   |   |   |  |
| 6.                       |                                  |                  |                |      |                      |       |              |   |   |   |   |   |   |   |   |   |  |
| 7.                       |                                  |                  |                |      |                      |       |              |   |   |   |   |   |   |   |   |   |  |
| 8.                       |                                  |                  |                |      |                      |       |              |   |   |   |   |   |   |   |   |   |  |
| 9.                       |                                  |                  |                |      |                      |       |              |   |   |   |   |   |   |   |   |   |  |
| 10.                      |                                  |                  |                |      |                      |       |              |   |   |   |   |   |   |   |   |   |  |

#### SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSESSION INCLUDING COURIER DELIVERY

|                                               |                         |                                     |                                                                                                                                                                                         |
|-----------------------------------------------|-------------------------|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RELINQUISHED BY SAMPLER<br>1. Austin Farmerie | DATE/TIME<br>6/11 12:00 | RECEIVED BY<br>1. [Signature] 12:52 | Conditions of bottles or coolers at receipt: <input type="checkbox"/> Compliant <input type="checkbox"/> Non Compliant <input type="checkbox"/> Cooler Temp 3.0°C<br>Ice in Cooler? Yes |
| RELINQUISHED BY                               | DATE/TIME               | RECEIVED BY                         | Comments:                                                                                                                                                                               |
| 2. [Signature]                                |                         | 2. [Signature]                      |                                                                                                                                                                                         |
| RELINQUISHED BY                               | DATE/TIME               | RECEIVED FOR LAB BY                 |                                                                                                                                                                                         |
| 3. [Signature]                                | 6.11.2025 1745          | 3. [Signature]                      |                                                                                                                                                                                         |

Page \_\_\_\_\_ of \_\_\_\_\_

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight  
ALLIANCE: ☐ Picked Up ☐ Overnight

Shipment Complete  
☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY



284 Sheffield Street, Mountainside, NJ 07092  
(908) 789-8900 Fax: (908) 788-9222  
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### CHAIN OF CUSTODY RECORD

Alliance Project Number:

Q2301

COC Number: 2042113

Page 2 of 2

#### CLIENT INFORMATION

COMPANY: ENTACT, LLC  
ADDRESS: 150 Bay Street, Suite 806  
CITY: Jersey City STATE: NJ ZIP: 07302  
ATTENTION: Austin Farmerie  
PHONE: 412-716-1366 FAX:

#### PROJECT INFORMATION

PROJECT NAME: 540 Degraw St Brooklyn, NY  
PROJECT #: E9309 LOCATION: Brooklyn, NY  
PROJECT MANAGER: Austin Farmerie  
E-MAIL: afarmerie@entact.com  
PHONE: 412-716-1366 FAX:

#### BILLING INFORMATION

BILL TO: ENTACT, LLC PO# E9309  
ADDRESS: 999 Oakmont Plaza Drive, Suite 300  
CITY: Westmont STATE: IL ZIP: 60559  
ATTENTION: Wendy Murray PHONE: 800-936-8228

#### DATA TURNAROUND INFORMATION

FAX: 3 DAYS\*  
HARD COPY: 3 DAYS\*  
EDD 3 DAYS\*  
\* TO BE APPROVED BY ALLIANCE  
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

#### DATA DELIVERABLE INFORMATION

- ☐ RESULTS ONLY ☐ USEPA CLP  
☐ RESULTS + QC ☐ New York State ASP "B"  
☐ New Jersey REDUCED ☐ New York State ASP "A"  
☐ New Jersey CLP ☐ Other \_\_\_\_\_  
☐ EDD Format \_\_\_\_\_

#### ANALYSIS

| ASTM COD | ASTM Ammonia Nitrogen | ASTM O&G | ASTM TS | TS, TVS | pH | Paint Filter |
|----------|-----------------------|----------|---------|---------|----|--------------|
| 10       | 11                    | 12       | 13      | 14      | 15 | 16           |

#### PRESERVATIVES

#### COMMENTS

<-- Specify Preservatives  
A-HCl B-HNO3  
C-H2SO4 D-NaOH  
E-ICE F-Other

| CHEMTECH<br>SAMPLE<br>ID | PROJECT<br>SAMPLE IDENTIFICATION | SAMPLE<br>MATRIX | SAMPLE<br>TYPE |      | SAMPLE<br>COLLECTION |       | # of Bottles | E | E | E | E | E | E | E | E | E |
|--------------------------|----------------------------------|------------------|----------------|------|----------------------|-------|--------------|---|---|---|---|---|---|---|---|---|
|                          |                                  |                  | COMP           | GRAB | DATE                 | TIME  |              | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 1.                       | WC-URBAN-FILL-G                  | Soil             |                | X    | 6/11                 | 12:00 | 1            |   |   |   |   |   |   |   |   |   |
| 2.                       | WC-URBAN-FILL-C                  | Soil             | X              |      | 6/11                 | 12:00 | 11           | X | X | X | X | X | X | X |   |   |
| 3.                       |                                  |                  |                |      |                      |       |              |   |   |   |   |   |   |   |   |   |
| 4.                       |                                  |                  |                |      |                      |       |              |   |   |   |   |   |   |   |   |   |
| 5.                       |                                  |                  |                |      |                      |       |              |   |   |   |   |   |   |   |   |   |
| 6.                       |                                  |                  |                |      |                      |       |              |   |   |   |   |   |   |   |   |   |
| 7.                       |                                  |                  |                |      |                      |       |              |   |   |   |   |   |   |   |   |   |
| 8.                       |                                  |                  |                |      |                      |       |              |   |   |   |   |   |   |   |   |   |
| 9.                       |                                  |                  |                |      |                      |       |              |   |   |   |   |   |   |   |   |   |
| 10.                      |                                  |                  |                |      |                      |       |              |   |   |   |   |   |   |   |   |   |

#### SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSESSION INCLUDING COURIER DELIVERY

|                                               |                              |                               |                                                                                                                                                                  |
|-----------------------------------------------|------------------------------|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RELINQUISHED BY SAMPLER<br>1. Austin Farmerie | DATE/TIME<br>6-11-2025 12:32 | RECEIVED BY<br>1. [Signature] | Conditions of bottles or coolers at receipt: <input type="checkbox"/> Compliant <input type="checkbox"/> Non Compliant <input type="checkbox"/> Cooler Temp 3.02 |
| RELINQUISHED BY                               | DATE/TIME                    | RECEIVED BY                   | Comments:                                                                                                                                                        |
| 2.                                            |                              | 2.                            |                                                                                                                                                                  |
| RELINQUISHED BY                               | DATE/TIME                    | RECEIVED FOR LAB BY           |                                                                                                                                                                  |
| 3. [Signature]                                | 6-11-2025 1745               | 3. [Signature]                |                                                                                                                                                                  |

Page \_\_\_\_\_ of \_\_\_\_\_

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight  
ALLIANCE: ☐ Picked Up ☐ Overnight

Shipment Complete  
☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT

YELLOW - ALLIANCE COPY

PINK - SAMPLER COPY

### 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       |