

## Cover Page

**Order ID :** Q2413

**Project ID :** South River WM Replacement

**Client :** CDM Smith

**Lab Sample Number**

Q2413-01  
Q2413-02  
Q2413-03  
Q2413-04  
Q2413-05  
Q2413-06

**Client Sample Number**

TP-35  
TP-34  
TP-77  
TP-74  
TP-73  
TP-72

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: 7/1/2025

## 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 #: Q2413

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: 07/01/2025

## LAB CHRONICLE

|                 |                    |                   |                            |
|-----------------|--------------------|-------------------|----------------------------|
| <b>OrderID:</b> | Q2413              | <b>OrderDate:</b> | 6/24/2025 3:05:00 PM       |
| <b>Client:</b>  | CDM Smith          | <b>Project:</b>   | South River WM Replacement |
| <b>Contact:</b> | Marcie Ann Encinas | <b>Location:</b>  | D41,VOA Ref. #2 Soil       |

| LabID           | ClientID     | Matrix      | Test                    | Method | Sample Date     | Prep Date | Anal Date | Received        |
|-----------------|--------------|-------------|-------------------------|--------|-----------------|-----------|-----------|-----------------|
| <b>Q2413-01</b> | <b>TP-35</b> | <b>SOIL</b> |                         |        | <b>06/23/25</b> |           |           | <b>06/24/25</b> |
|                 |              |             | PCB                     | 8082A  |                 | 06/26/25  | 06/26/25  |                 |
|                 |              |             | Pesticide-TCL           | 8081B  |                 | 06/26/25  | 06/27/25  |                 |
|                 |              |             | Gasoline Range Organics | 8015D  |                 |           | 06/26/25  |                 |
| <b>Q2413-02</b> | <b>TP-34</b> | <b>SOIL</b> |                         |        | <b>06/23/25</b> |           |           | <b>06/24/25</b> |
|                 |              |             | PCB                     | 8082A  |                 | 06/26/25  | 06/26/25  |                 |
|                 |              |             | Pesticide-TCL           | 8081B  |                 | 06/26/25  | 06/27/25  |                 |
|                 |              |             | Gasoline Range Organics | 8015D  |                 |           | 06/26/25  |                 |
| <b>Q2413-03</b> | <b>TP-77</b> | <b>SOIL</b> |                         |        | <b>06/23/25</b> |           |           | <b>06/24/25</b> |
|                 |              |             | PCB                     | 8082A  |                 | 06/26/25  | 06/26/25  |                 |
|                 |              |             | Pesticide-TCL           | 8081B  |                 | 06/26/25  | 06/27/25  |                 |
|                 |              |             | Gasoline Range Organics | 8015D  |                 |           | 06/26/25  |                 |
| <b>Q2413-04</b> | <b>TP-74</b> | <b>SOIL</b> |                         |        | <b>06/23/25</b> |           |           | <b>06/24/25</b> |
|                 |              |             | PCB                     | 8082A  |                 | 06/26/25  | 06/26/25  |                 |
|                 |              |             | Pesticide-TCL           | 8081B  |                 | 06/26/25  | 06/27/25  |                 |
|                 |              |             | Gasoline Range Organics | 8015D  |                 |           | 06/26/25  |                 |
| <b>Q2413-05</b> | <b>TP-73</b> | <b>SOIL</b> |                         |        | <b>06/23/25</b> |           |           | <b>06/24/25</b> |
|                 |              |             | PCB                     | 8082A  |                 | 06/26/25  | 06/26/25  |                 |
|                 |              |             | Pesticide-TCL           | 8081B  |                 | 06/26/25  | 06/27/25  |                 |
|                 |              |             | Gasoline Range Organics | 8015D  |                 |           | 06/26/25  |                 |
| <b>Q2413-06</b> | <b>TP-72</b> | <b>SOIL</b> |                         |        | <b>06/24/25</b> |           |           | <b>06/24/25</b> |
|                 |              |             | Gasoline Range Organics | 8015D  |                 |           | 06/26/25  |                 |
|                 |              |             | PCB                     | 8082A  |                 | 06/26/25  | 06/26/25  |                 |
|                 |              |             | Pesticide-TCL           | 8081B  |                 | 06/26/25  | 06/27/25  |                 |

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

**SDG No.:** Q2413

**Order ID:** Q2413

**Client:** CDM Smith

**Project ID:** South River WM Replacement

| Sample ID                   | Client ID | Matrix | Parameter       | Concentration | C  | MDL  | RDL  | Units |
|-----------------------------|-----------|--------|-----------------|---------------|----|------|------|-------|
| <b>Client ID : TP-34</b>    |           |        |                 |               |    |      |      |       |
| Q2413-02                    | TP-34     | SOIL   | beta-BHC        | 0.39          | JP | 0.20 | 1.80 | ug/kg |
| Q2413-02                    | TP-34     | SOIL   | alpha-Chlordane | 1.20          | JP | 0.13 | 1.80 | ug/kg |
| Q2413-02                    | TP-34     | SOIL   | gamma-Chlordane | 0.78          | JP | 0.16 | 1.80 | ug/kg |
| <b>Total Concentration:</b> |           |        |                 | <b>2.370</b>  |    |      |      |       |
| <b>Client ID : TP-77</b>    |           |        |                 |               |    |      |      |       |
| Q2413-03                    | TP-77     | SOIL   | Endrin          | 0.26          | JP | 0.15 | 1.90 | ug/kg |
| <b>Total Concentration:</b> |           |        |                 | <b>0.260</b>  |    |      |      |       |
| <b>Client ID : TP-74</b>    |           |        |                 |               |    |      |      |       |
| Q2413-04                    | TP-74     | SOIL   | 4,4-DDE         | 0.37          | JP | 0.16 | 1.90 | ug/kg |
| Q2413-04                    | TP-74     | SOIL   | 4,4-DDT         | 0.43          | JP | 0.16 | 1.90 | ug/kg |
| <b>Total Concentration:</b> |           |        |                 | <b>0.800</b>  |    |      |      |       |
| <b>Client ID : TP-73</b>    |           |        |                 |               |    |      |      |       |
| Q2413-05                    | TP-73     | SOIL   | 4,4-DDD         | 0.29          | J  | 0.19 | 2.20 | ug/kg |
| <b>Total Concentration:</b> |           |        |                 | <b>0.290</b>  |    |      |      |       |



# QC SUMMARY

### Surrogate Summary

SDG No.: Q2413

Client: CDM Smith

Analytical Method: 8081B

| Lab Sample ID    | Client ID        | Parameter            | Column | Spike | Result | Rec | Qual | Limits |      |
|------------------|------------------|----------------------|--------|-------|--------|-----|------|--------|------|
|                  |                  |                      |        |       |        |     |      | Low    | High |
| I.BLK-PD088990.D | PIBLK-PD088990.D | Decachlorobiphenyl   | 1      | 20    | 18.2   | 91  |      | 57     | 171  |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 16.1   | 80  |      | 61     | 148  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 18.6   | 93  |      | 57     | 171  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 17.7   | 88  |      | 61     | 148  |
| I.BLK-PD089157.D | PIBLK-PD089157.D | Decachlorobiphenyl   | 1      | 20    | 21.3   | 106 |      | 57     | 171  |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 20.9   | 104 |      | 61     | 148  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 20.8   | 104 |      | 57     | 171  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 22.2   | 111 |      | 61     | 148  |
| PB168623BL       | PB168623BL       | Decachlorobiphenyl   | 1      | 20    | 17.6   | 88  |      | 20     | 144  |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 17.9   | 89  |      | 19     | 148  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 16.3   | 81  |      | 20     | 144  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 19.3   | 97  |      | 19     | 148  |
| PB168623BS       | PB168623BS       | Decachlorobiphenyl   | 1      | 20    | 22.1   | 111 |      | 20     | 144  |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 21.3   | 106 |      | 19     | 148  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 20.9   | 105 |      | 20     | 144  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 22.9   | 114 |      | 19     | 148  |
| I.BLK-PD089171.D | PIBLK-PD089171.D | Decachlorobiphenyl   | 1      | 20    | 19.8   | 99  |      | 57     | 171  |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 20.5   | 103 |      | 61     | 148  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 17.4   | 87  |      | 57     | 171  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 21.6   | 108 |      | 61     | 148  |
| I.BLK-PD089174.D | PIBLK-PD089174.D | Decachlorobiphenyl   | 1      | 20    | 21.4   | 107 |      | 57     | 171  |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 22.1   | 110 |      | 61     | 148  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 19.3   | 97  |      | 57     | 171  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 23.4   | 117 |      | 61     | 148  |
| Q2413-01         | TP-35            | Decachlorobiphenyl   | 1      | 20    | 19.2   | 96  |      | 20     | 144  |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 20.3   | 102 |      | 19     | 148  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 16.6   | 83  |      | 20     | 144  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 21.2   | 106 |      | 19     | 148  |
| Q2413-02         | TP-34            | Decachlorobiphenyl   | 1      | 20    | 20.7   | 103 |      | 20     | 144  |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 19.5   | 97  |      | 19     | 148  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 16.1   | 80  |      | 20     | 144  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 20.1   | 101 |      | 19     | 148  |
| Q2413-03         | TP-77            | Decachlorobiphenyl   | 1      | 20    | 16.7   | 84  |      | 20     | 144  |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 19.6   | 98  |      | 19     | 148  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 14.4   | 72  |      | 20     | 144  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 19.9   | 100 |      | 19     | 148  |
| Q2413-04         | TP-74            | Decachlorobiphenyl   | 1      | 20    | 14.7   | 74  |      | 20     | 144  |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 18.8   | 94  |      | 19     | 148  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 13.1   | 65  |      | 20     | 144  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 18.8   | 94  |      | 19     | 148  |
| Q2413-05         | TP-73            | Decachlorobiphenyl   | 1      | 20    | 11.9   | 60  |      | 20     | 144  |

### Surrogate Summary

SDG No.: Q2413

Client: CDM Smith

Analytical Method: 8081B

| Lab Sample ID    | Client ID        | Parameter            | Column | Spike | Result | Rec | Qual | Limits |      |
|------------------|------------------|----------------------|--------|-------|--------|-----|------|--------|------|
|                  |                  |                      |        |       |        |     |      | Low    | High |
| Q2413-05         | TP-73            | Tetrachloro-m-xylene | 1      | 20    | 14.7   | 74  |      | 19     | 148  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 9.33   | 47  |      | 20     | 144  |
| Q2413-06         | TP-72            | Tetrachloro-m-xylene | 2      | 20    | 19.8   | 99  |      | 19     | 148  |
|                  |                  | Decachlorobiphenyl   | 1      | 20    | 11.6   | 58  |      | 20     | 144  |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 18.0   | 90  |      | 19     | 148  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 9.94   | 50  |      | 20     | 144  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 19.9   | 99  |      | 19     | 148  |
| I.BLK-PD089187.D | PIBLK-PD089187.D | Decachlorobiphenyl   | 1      | 20    | 20.0   | 100 |      | 57     | 171  |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 22.3   | 112 |      | 61     | 148  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 17.8   | 89  |      | 57     | 171  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 23.6   | 118 |      | 61     | 148  |
| I.BLK-PD089190.D | PIBLK-PD089190.D | Decachlorobiphenyl   | 1      | 20    | 22.1   | 110 |      | 57     | 171  |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 22.8   | 114 |      | 61     | 148  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 21.5   | 107 |      | 57     | 171  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 24.4   | 122 |      | 61     | 148  |
| Q2425-03MS       | COMP-3MS         | Decachlorobiphenyl   | 1      | 20    | 16.0   | 80  |      | 20     | 144  |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 17.0   | 85  |      | 19     | 148  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 16.5   | 82  |      | 20     | 144  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 18.5   | 92  |      | 19     | 148  |
| Q2425-03MSD      | COMP-3MSD        | Decachlorobiphenyl   | 1      | 20    | 16.8   | 84  |      | 20     | 144  |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 17.4   | 87  |      | 19     | 148  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 16.7   | 83  |      | 20     | 144  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 18.4   | 92  |      | 19     | 148  |
| I.BLK-PD089201.D | PIBLK-PD089201.D | Decachlorobiphenyl   | 1      | 20    | 22.4   | 112 |      | 57     | 171  |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 22.9   | 114 |      | 61     | 148  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 21.9   | 109 |      | 57     | 171  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 24.5   | 122 |      | 61     | 148  |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

|                 |                  |                           |                   |
|-----------------|------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q2413</u>     | <b>Analytical Method:</b> | <u>8081B</u>      |
| <b>Client:</b>  | <u>CDM Smith</u> | <b>DataFile :</b>         | <u>PD089198.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>Q2425-03MS<br>(Column 1) | <b>COMP-3MS</b>     |       |               |        |       |     |          |     |          |     |             |     |
|                                                      | alpha-BHC           | 20.12 | 0             | 16.7   | ug/kg | 83  |          |     |          | 60  | 144         |     |
|                                                      | beta-BHC            | 20.12 | 0             | 17.1   | ug/kg | 85  |          |     |          | 54  | 143         |     |
|                                                      | delta-BHC           | 20.12 | 0             | 17.1   | ug/kg | 85  |          |     |          | 29  | 151         |     |
|                                                      | gamma-BHC (Lindane) | 20.12 | 0             | 16.1   | ug/kg | 80  |          |     |          | 61  | 140         |     |
|                                                      | Heptachlor          | 20.12 | 0             | 14.7   | ug/kg | 73  |          |     |          | 63  | 135         |     |
|                                                      | Aldrin              | 20.12 | 0             | 17.6   | ug/kg | 87  |          |     |          | 49  | 139         |     |
|                                                      | Heptachlor epoxide  | 20.12 | 0             | 17.3   | ug/kg | 86  |          |     |          | 41  | 156         |     |
|                                                      | Endosulfan I        | 20.12 | 0             | 17.4   | ug/kg | 86  |          |     |          | 56  | 142         |     |
|                                                      | Dieldrin            | 20.12 | 0             | 17.4   | ug/kg | 86  |          |     |          | 47  | 161         |     |
|                                                      | 4,4'-DDE            | 20.12 | 0             | 17.2   | ug/kg | 85  |          |     |          | 55  | 136         |     |
|                                                      | Endrin              | 20.12 | 0             | 16.1   | ug/kg | 80  |          |     |          | 57  | 139         |     |
|                                                      | Endosulfan II       | 20.12 | 0             | 17.1   | ug/kg | 85  |          |     |          | 40  | 163         |     |
|                                                      | 4,4'-DDD            | 20.12 | 0             | 18.6   | ug/kg | 92  |          |     |          | 47  | 163         |     |
|                                                      | Endosulfan sulfate  | 20.12 | 0             | 13.7   | ug/kg | 68  |          |     |          | 62  | 139         |     |
|                                                      | 4,4'-DDT            | 20.12 | 0             | 11.5   | ug/kg | 57  |          |     |          | 51  | 146         |     |
|                                                      | Methoxychlor        | 20.12 | 0             | 11.0   | ug/kg | 55  |          |     |          | 54  | 136         |     |
|                                                      | Endrin ketone       | 20.12 | 0             | 16.4   | ug/kg | 82  |          |     |          | 60  | 129         |     |
|                                                      | Endrin aldehyde     | 20.12 | 0             | 11.4   | ug/kg | 57  | *        |     |          | 59  | 132         |     |
|                                                      | alpha-Chlordane     | 20.12 | 0             | 17.3   | ug/kg | 86  |          |     |          | 39  | 166         |     |
|                                                      | gamma-Chlordane     | 20.12 | 0             | 18.1   | ug/kg | 90  |          |     |          | 44  | 175         |     |
| <b>Client Sample ID:</b><br>Q2425-03MS<br>(Column 2) | <b>COMP-3MS</b>     |       |               |        |       |     |          |     |          |     |             |     |
|                                                      | alpha-BHC           | 20.12 | 0             | 17.3   | ug/kg | 86  |          |     |          | 60  | 144         |     |
|                                                      | beta-BHC            | 20.12 | 0             | 18.1   | ug/kg | 90  |          |     |          | 54  | 143         |     |
|                                                      | delta-BHC           | 20.12 | 0             | 16.6   | ug/kg | 83  |          |     |          | 29  | 151         |     |
|                                                      | gamma-BHC (Lindane) | 20.12 | 0             | 16.4   | ug/kg | 82  |          |     |          | 61  | 140         |     |
|                                                      | Heptachlor          | 20.12 | 0             | 15.2   | ug/kg | 76  |          |     |          | 63  | 135         |     |
|                                                      | Aldrin              | 20.12 | 0             | 17.9   | ug/kg | 89  |          |     |          | 49  | 139         |     |
|                                                      | Heptachlor epoxide  | 20.12 | 0             | 17.9   | ug/kg | 89  |          |     |          | 41  | 156         |     |
|                                                      | Endosulfan I        | 20.12 | 0             | 17.3   | ug/kg | 86  |          |     |          | 56  | 142         |     |
|                                                      | Dieldrin            | 20.12 | 0             | 17.6   | ug/kg | 87  |          |     |          | 47  | 161         |     |
|                                                      | 4,4'-DDE            | 20.12 | 0             | 17.7   | ug/kg | 88  |          |     |          | 55  | 136         |     |
|                                                      | Endrin              | 20.12 | 0             | 16.5   | ug/kg | 82  |          |     |          | 57  | 139         |     |
|                                                      | Endosulfan II       | 20.12 | 0             | 17.2   | ug/kg | 85  |          |     |          | 40  | 163         |     |
|                                                      | 4,4'-DDD            | 20.12 | 0             | 17.8   | ug/kg | 88  |          |     |          | 47  | 163         |     |
|                                                      | Endosulfan sulfate  | 20.12 | 0             | 13.9   | ug/kg | 69  |          |     |          | 62  | 139         |     |
|                                                      | 4,4'-DDT            | 20.12 | 0             | 13.3   | ug/kg | 66  |          |     |          | 51  | 146         |     |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

|                 |                  |                           |                   |
|-----------------|------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q2413</u>     | <b>Analytical Method:</b> | <u>8081B</u>      |
| <b>Client:</b>  | <u>CDM Smith</u> | <b>DataFile :</b>         | <u>PD089198.D</u> |

| Lab Sample ID:           | Parameter       | Spike | Sample |        | Units | Rec | Rec Qual | RPD | RPD Qual | Low | Limits |     |
|--------------------------|-----------------|-------|--------|--------|-------|-----|----------|-----|----------|-----|--------|-----|
|                          |                 |       | Result | Result |       |     |          |     |          |     | High   | RPD |
| Q2425-03MS<br>(Column 2) | Methoxychlor    | 20.12 | 0      | 11.9   | ug/kg | 59  |          |     |          | 54  | 136    |     |
|                          | Endrin ketone   | 20.12 | 0      | 16.5   | ug/kg | 82  |          |     |          | 60  | 129    |     |
|                          | Endrin aldehyde | 20.12 | 0      | 11.7   | ug/kg | 58  | *        |     |          | 59  | 132    |     |
|                          | alpha-Chlordane | 20.12 | 0      | 17.6   | ug/kg | 87  |          |     |          | 39  | 166    |     |
|                          | gamma-Chlordane | 20.12 | 0      | 17.8   | ug/kg | 88  |          |     |          | 44  | 175    |     |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

|                 |           |                           |            |
|-----------------|-----------|---------------------------|------------|
| <b>SDG No.:</b> | Q2413     | <b>Analytical Method:</b> | 8081B      |
| <b>Client:</b>  | CDM Smith | <b>DataFile :</b>         | PD089199.D |

| 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>Q2425-03MSD<br>(Column 1) | <b>COMP-3MSD</b>    |       |               |        |       |     |          |     |          |     |             |     |
|                                                       | alpha-BHC           | 20.16 | 0             | 17.4   | ug/kg | 86  |          | 4   |          | 60  | 144         | 20  |
|                                                       | beta-BHC            | 20.16 | 0             | 17.2   | ug/kg | 85  |          | 0   |          | 54  | 143         | 20  |
|                                                       | delta-BHC           | 20.16 | 0             | 16.7   | ug/kg | 83  |          | 2   |          | 29  | 151         | 20  |
|                                                       | gamma-BHC (Lindane) | 20.16 | 0             | 17.0   | ug/kg | 84  |          | 5   |          | 61  | 140         | 20  |
|                                                       | Heptachlor          | 20.16 | 0             | 13.6   | ug/kg | 67  |          | 9   |          | 63  | 135         | 20  |
|                                                       | Aldrin              | 20.16 | 0             | 18.2   | ug/kg | 90  |          | 3   |          | 49  | 139         | 20  |
|                                                       | Heptachlor epoxide  | 20.16 | 0             | 17.6   | ug/kg | 87  |          | 1   |          | 41  | 156         | 20  |
|                                                       | Endosulfan I        | 20.16 | 0             | 17.7   | ug/kg | 88  |          | 2   |          | 56  | 142         | 20  |
|                                                       | Dieldrin            | 20.16 | 0             | 17.8   | ug/kg | 88  |          | 2   |          | 47  | 161         | 20  |
|                                                       | 4,4'-DDE            | 20.16 | 0             | 18.2   | ug/kg | 90  |          | 6   |          | 55  | 136         | 20  |
|                                                       | Endrin              | 20.16 | 0             | 16.7   | ug/kg | 83  |          | 4   |          | 57  | 139         | 20  |
|                                                       | Endosulfan II       | 20.16 | 0             | 17.5   | ug/kg | 87  |          | 2   |          | 40  | 163         | 20  |
|                                                       | 4,4'-DDD            | 20.16 | 0             | 17.7   | ug/kg | 88  |          | 4   |          | 47  | 163         | 20  |
|                                                       | Endosulfan sulfate  | 20.16 | 0             | 15.0   | ug/kg | 74  |          | 8   |          | 62  | 139         | 20  |
|                                                       | 4,4'-DDT            | 20.16 | 0             | 10.2   | ug/kg | 51  |          | 11  |          | 51  | 146         | 20  |
|                                                       | Methoxychlor        | 20.16 | 0             | 9.40   | ug/kg | 47  | *        | 16  |          | 54  | 136         | 20  |
|                                                       | Endrin ketone       | 20.16 | 0             | 15.4   | ug/kg | 76  |          | 8   |          | 60  | 129         | 20  |
|                                                       | Endrin aldehyde     | 20.16 | 0             | 13.7   | ug/kg | 68  |          | 18  |          | 59  | 132         | 20  |
|                                                       | alpha-Chlordane     | 20.16 | 0             | 17.7   | ug/kg | 88  |          | 2   |          | 39  | 166         | 20  |
|                                                       | gamma-Chlordane     | 20.16 | 0             | 18.7   | ug/kg | 93  |          | 3   |          | 44  | 175         | 20  |
| <b>Client Sample ID:</b><br>Q2425-03MSD<br>(Column 2) | <b>COMP-3MSD</b>    |       |               |        |       |     |          |     |          |     |             |     |
|                                                       | alpha-BHC           | 20.16 | 0             | 17.8   | ug/kg | 88  |          | 2   |          | 60  | 144         | 20  |
|                                                       | beta-BHC            | 20.16 | 0             | 18.1   | ug/kg | 90  |          | 0   |          | 54  | 143         | 20  |
|                                                       | delta-BHC           | 20.16 | 0             | 16.2   | ug/kg | 80  |          | 4   |          | 29  | 151         | 20  |
|                                                       | gamma-BHC (Lindane) | 20.16 | 0             | 17.2   | ug/kg | 85  |          | 4   |          | 61  | 140         | 20  |
|                                                       | Heptachlor          | 20.16 | 0             | 13.9   | ug/kg | 69  |          | 10  |          | 63  | 135         | 20  |
|                                                       | Aldrin              | 20.16 | 0             | 18.3   | ug/kg | 91  |          | 2   |          | 49  | 139         | 20  |
|                                                       | Heptachlor epoxide  | 20.16 | 0             | 18.0   | ug/kg | 89  |          | 0   |          | 41  | 156         | 20  |
|                                                       | Endosulfan I        | 20.16 | 0             | 17.3   | ug/kg | 86  |          | 0   |          | 56  | 142         | 20  |
|                                                       | Dieldrin            | 20.16 | 0             | 17.9   | ug/kg | 89  |          | 2   |          | 47  | 161         | 20  |
|                                                       | 4,4'-DDE            | 20.16 | 0             | 18.4   | ug/kg | 91  |          | 3   |          | 55  | 136         | 20  |
|                                                       | Endrin              | 20.16 | 0             | 16.5   | ug/kg | 82  |          | 0   |          | 57  | 139         | 20  |
|                                                       | Endosulfan II       | 20.16 | 0             | 17.3   | ug/kg | 86  |          | 1   |          | 40  | 163         | 20  |
|                                                       | 4,4'-DDD            | 20.16 | 0             | 17.1   | ug/kg | 85  |          | 3   |          | 47  | 163         | 20  |
|                                                       | Endosulfan sulfate  | 20.16 | 0             | 14.3   | ug/kg | 71  |          | 3   |          | 62  | 139         | 20  |
|                                                       | 4,4'-DDT            | 20.16 | 0             | 12.9   | ug/kg | 64  |          | 3   |          | 51  | 146         | 20  |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

|                 |                  |                           |                   |
|-----------------|------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q2413</u>     | <b>Analytical Method:</b> | <u>8081B</u>      |
| <b>Client:</b>  | <u>CDM Smith</u> | <b>DataFile :</b>         | <u>PD089199.D</u> |

| Lab Sample ID:            | Parameter       | Spike | Sample |        | Units | Rec | Rec Qual | RPD | RPD Qual | Low | Limits |     |
|---------------------------|-----------------|-------|--------|--------|-------|-----|----------|-----|----------|-----|--------|-----|
|                           |                 |       | Result | Result |       |     |          |     |          |     | High   | RPD |
| Q2425-03MSD<br>(Column 2) | Methoxychlor    | 20.16 | 0      | 10.4   | ug/kg | 52  | *        | 13  |          | 54  | 136    | 20  |
|                           | Endrin ketone   | 20.16 | 0      | 15.5   | ug/kg | 77  |          | 6   |          | 60  | 129    | 20  |
|                           | Endrin aldehyde | 20.16 | 0      | 13.5   | ug/kg | 67  |          | 14  |          | 59  | 132    | 20  |
|                           | alpha-Chlordane | 20.16 | 0      | 17.9   | ug/kg | 89  |          | 2   |          | 39  | 166    | 20  |
|                           | gamma-Chlordane | 20.16 | 0      | 18.4   | ug/kg | 91  |          | 3   |          | 44  | 175    | 20  |

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

**SW-846**

|                 |           |                           |            |
|-----------------|-----------|---------------------------|------------|
| <b>SDG No.:</b> | Q2413     | <b>Analytical Method:</b> | 8081B      |
| <b>Client:</b>  | CDM Smith | <b>Datafile :</b>         | PD089167.D |

| Lab Sample ID            | Parameter           | Spike | Result | Units | Rec | RPD | Qual | RPD  |     | Limits |     |
|--------------------------|---------------------|-------|--------|-------|-----|-----|------|------|-----|--------|-----|
|                          |                     |       |        |       |     |     |      | Qual | Low | High   | RPD |
| PB168623BS<br>(Column 1) | alpha-BHC           | 16.65 | 16.2   | ug/kg | 97  |     |      |      | 84  | 123    |     |
|                          | beta-BHC            | 16.65 | 15.7   | ug/kg | 94  |     |      |      | 82  | 123    |     |
|                          | delta-BHC           | 16.65 | 16.9   | ug/kg | 102 |     |      |      | 83  | 126    |     |
|                          | gamma-BHC (Lindane) | 16.65 | 16.2   | ug/kg | 97  |     |      |      | 83  | 125    |     |
|                          | Heptachlor          | 16.65 | 15.7   | ug/kg | 94  |     |      |      | 83  | 122    |     |
|                          | Aldrin              | 16.65 | 16.2   | ug/kg | 97  |     |      |      | 82  | 124    |     |
|                          | Heptachlor epoxide  | 16.65 | 15.7   | ug/kg | 94  |     |      |      | 83  | 120    |     |
|                          | Endosulfan I        | 16.65 | 15.9   | ug/kg | 95  |     |      |      | 81  | 124    |     |
|                          | Dieldrin            | 16.65 | 15.9   | ug/kg | 95  |     |      |      | 85  | 121    |     |
|                          | 4,4'-DDE            | 16.65 | 15.9   | ug/kg | 95  |     |      |      | 81  | 123    |     |
|                          | Endrin              | 16.65 | 14.3   | ug/kg | 86  |     |      |      | 76  | 130    |     |
|                          | Endosulfan II       | 16.65 | 15.7   | ug/kg | 94  |     |      |      | 80  | 125    |     |
|                          | 4,4'-DDD            | 16.65 | 16.1   | ug/kg | 97  |     |      |      | 80  | 131    |     |
|                          | Endosulfan sulfate  | 16.65 | 15.1   | ug/kg | 91  |     |      |      | 81  | 122    |     |
|                          | 4,4'-DDT            | 16.65 | 13.9   | ug/kg | 83  |     |      |      | 70  | 129    |     |
|                          | Methoxychlor        | 16.65 | 12.9   | ug/kg | 77  |     |      |      | 60  | 119    |     |
|                          | Endrin ketone       | 16.65 | 15.5   | ug/kg | 93  |     |      |      | 77  | 132    |     |
|                          | Endrin aldehyde     | 16.65 | 15.3   | ug/kg | 92  |     |      |      | 79  | 124    |     |
|                          | alpha-Chlordane     | 16.65 | 15.9   | ug/kg | 95  |     |      |      | 84  | 120    |     |
|                          | gamma-Chlordane     | 16.65 | 16.0   | ug/kg | 96  |     |      |      | 83  | 122    |     |
|                          | alpha-BHC           | 16.65 | 15.9   | ug/kg | 95  |     |      |      | 84  | 123    |     |
| PB168623BS<br>(Column 2) | beta-BHC            | 16.65 | 15.7   | ug/kg | 94  |     |      |      | 82  | 123    |     |
|                          | delta-BHC           | 16.65 | 15.9   | ug/kg | 95  |     |      |      | 83  | 126    |     |
|                          | gamma-BHC (Lindane) | 16.65 | 15.9   | ug/kg | 95  |     |      |      | 83  | 125    |     |
|                          | Heptachlor          | 16.65 | 15.1   | ug/kg | 91  |     |      |      | 83  | 122    |     |
|                          | Aldrin              | 16.65 | 15.9   | ug/kg | 95  |     |      |      | 82  | 124    |     |
|                          | Heptachlor epoxide  | 16.65 | 15.8   | ug/kg | 95  |     |      |      | 83  | 120    |     |
|                          | Endosulfan I        | 16.65 | 15.8   | ug/kg | 95  |     |      |      | 81  | 124    |     |
|                          | Dieldrin            | 16.65 | 15.5   | ug/kg | 93  |     |      |      | 85  | 121    |     |
|                          | 4,4'-DDE            | 16.65 | 15.5   | ug/kg | 93  |     |      |      | 81  | 123    |     |
|                          | Endrin              | 16.65 | 14.1   | ug/kg | 85  |     |      |      | 76  | 130    |     |
|                          | Endosulfan II       | 16.65 | 15.4   | ug/kg | 92  |     |      |      | 80  | 125    |     |
|                          | 4,4'-DDD            | 16.65 | 16.0   | ug/kg | 96  |     |      |      | 80  | 131    |     |
|                          | Endosulfan sulfate  | 16.65 | 14.9   | ug/kg | 89  |     |      |      | 81  | 122    |     |
|                          | 4,4'-DDT            | 16.65 | 13.9   | ug/kg | 83  |     |      |      | 70  | 129    |     |
|                          | Methoxychlor        | 16.65 | 13.0   | ug/kg | 78  |     |      |      | 60  | 119    |     |
|                          | Endrin ketone       | 16.65 | 15.1   | ug/kg | 91  |     |      |      | 77  | 132    |     |
|                          | Endrin aldehyde     | 16.65 | 15.1   | ug/kg | 91  |     |      |      | 79  | 124    |     |
|                          | alpha-Chlordane     | 16.65 | 15.6   | ug/kg | 94  |     |      |      | 84  | 120    |     |
|                          | gamma-Chlordane     | 16.65 | 15.7   | ug/kg | 94  |     |      |      | 83  | 122    |     |

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168623BL

Lab Name: CHEMTECH

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413

SAS No.: Q2413 SDG NO.: Q2413

Lab Sample ID: PB168623BL

Lab File ID: PD089166.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 06/26/2025

Date Analyzed (1): 06/26/2025

Date Analyzed (2): 06/26/2025

Time Analyzed (1): 13:44

Time Analyzed (2): 13:44

Instrument ID (1): ECD\_D

Instrument ID (2): ECD\_D

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 |
|-------------------|------------------|----------------|--------------------|--------------------|
| PB168623BS        | PB168623BS       | PD089167.D     | 06/26/2025         | 06/26/2025         |
| TP-35             | Q2413-01         | PD089177.D     | 06/27/2025         | 06/27/2025         |
| TP-34             | Q2413-02         | PD089178.D     | 06/27/2025         | 06/27/2025         |
| TP-77             | Q2413-03         | PD089179.D     | 06/27/2025         | 06/27/2025         |
| TP-74             | Q2413-04         | PD089180.D     | 06/27/2025         | 06/27/2025         |
| TP-73             | Q2413-05         | PD089183.D     | 06/27/2025         | 06/27/2025         |
| TP-72             | Q2413-06         | PD089184.D     | 06/27/2025         | 06/27/2025         |
| COMP-3MS          | Q2425-03MS       | PD089198.D     | 06/27/2025         | 06/27/2025         |
| COMP-3MSD         | Q2425-03MSD      | PD089199.D     | 06/27/2025         | 06/27/2025         |

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



# SAMPLE DATA

## Report of Analysis

|                    |                            |                    |                     |
|--------------------|----------------------------|--------------------|---------------------|
| Client:            | CDM Smith                  | Date Collected:    | 06/23/25            |
| Project:           | South River WM Replacement | Date Received:     | 06/24/25            |
| Client Sample ID:  | TP-35                      | SDG No.:           | Q2413               |
| Lab Sample ID:     | Q2413-01                   | Matrix:            | SOIL                |
| Analytical Method: | 8081B                      | % Solid:           | 88.8      Decanted: |
| Sample Wt/Vol:     | 30.01      Units:    g     | Final Vol:         | 10000      uL       |
| Soil Aliquot Vol:  | uL                         | Test:              | Pesticide-TCL       |
| Extraction Type:   |                            | Injection Volume : |                     |
| GPC Factor :       | 1.0      PH :              |                    |                     |
| Prep Method :      | SW3541B                    |                    |                     |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PD089177.D        | 1         | 06/26/25 08:20 | 06/27/25 04:33 | PB168623      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 319-84-6          | alpha-BHC            | 0.15  | U         | 0.15     | 1.90       | ug/kg             |
| 319-85-7          | beta-BHC             | 0.20  | U         | 0.20     | 1.90       | ug/kg             |
| 319-86-8          | delta-BHC            | 0.44  | U         | 0.44     | 1.90       | ug/kg             |
| 58-89-9           | gamma-BHC (Lindane)  | 0.16  | U         | 0.16     | 1.90       | ug/kg             |
| 76-44-8           | Heptachlor           | 0.14  | U         | 0.14     | 1.90       | ug/kg             |
| 309-00-2          | Aldrin               | 0.14  | U         | 0.14     | 1.90       | ug/kg             |
| 1024-57-3         | Heptachlor epoxide   | 0.21  | U         | 0.21     | 1.90       | ug/kg             |
| 959-98-8          | Endosulfan I         | 0.16  | U         | 0.16     | 1.90       | ug/kg             |
| 60-57-1           | Dieldrin             | 0.16  | U         | 0.16     | 1.90       | ug/kg             |
| 72-55-9           | 4,4-DDE              | 0.16  | U         | 0.16     | 1.90       | ug/kg             |
| 72-20-8           | Endrin               | 0.16  | U         | 0.16     | 1.90       | ug/kg             |
| 33213-65-9        | Endosulfan II        | 0.33  | U         | 0.33     | 1.90       | ug/kg             |
| 72-54-8           | 4,4-DDD              | 0.17  | U         | 0.17     | 1.90       | ug/kg             |
| 1031-07-8         | Endosulfan Sulfate   | 0.15  | U         | 0.15     | 1.90       | ug/kg             |
| 50-29-3           | 4,4-DDT              | 0.16  | U         | 0.16     | 1.90       | ug/kg             |
| 72-43-5           | Methoxychlor         | 0.42  | U         | 0.42     | 1.90       | ug/kg             |
| 53494-70-5        | Endrin ketone        | 0.21  | U         | 0.21     | 1.90       | ug/kg             |
| 7421-93-4         | Endrin aldehyde      | 0.42  | U         | 0.42     | 1.90       | ug/kg             |
| 5103-71-9         | alpha-Chlordane      | 0.14  | U         | 0.14     | 1.90       | ug/kg             |
| 5103-74-2         | gamma-Chlordane      | 0.17  | U         | 0.17     | 1.90       | ug/kg             |
| 8001-35-2         | Toxaphene            | 6.10  | U         | 6.10     | 37.1       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 19.2  |           | 20 - 144 | 96%        | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 21.2  |           | 19 - 148 | 106%       | SPK: 20           |

## Report of Analysis

|                    |                            |                    |               |
|--------------------|----------------------------|--------------------|---------------|
| Client:            | CDM Smith                  | Date Collected:    | 06/23/25      |
| Project:           | South River WM Replacement | Date Received:     | 06/24/25      |
| Client Sample ID:  | TP-35                      | SDG No.:           | Q2413         |
| Lab Sample ID:     | Q2413-01                   | Matrix:            | SOIL          |
| Analytical Method: | 8081B                      | % Solid:           | 88.8          |
| Sample Wt/Vol:     | 30.01                      | Units:             | g             |
| Soil Aliquot Vol:  |                            |                    | uL            |
| Extraction Type:   |                            | Test:              | Pesticide-TCL |
| GPC Factor :       | 1.0                        | PH :               |               |
| Prep Method :      | SW3541B                    | Injection Volume : |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PD089177.D        | 1         | 06/26/25 08:20 | 06/27/25 04:33 | PB168623      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062725\  
 Data File : PD089177.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Jun 2025 04:33  
 Operator : AR\AJ  
 Sample : Q2413-01  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 TP-35

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 06/30/2025  
 Supervised By :mohammad ahmed 07/01/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 28 05:35:19 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 18 05:39:05 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2  | ng/ml   | ng/ml  |
|-----------------------------|-------|-------|----------|---------|---------|--------|
| -----                       |       |       |          |         |         |        |
| System Monitoring Compounds |       |       |          |         |         |        |
| 1) SA Tetrachlo...          | 3.551 | 2.881 | 57922970 | 358.7E6 | 20.302  | 21.159 |
| 28) SA Decachlor...         | 9.071 | 8.070 | 75276780 | 329.0E6 | 19.166m | 16.640 |

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062725\  
Data File : PD089177.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Jun 2025 04:33  
Operator : AR\AJ  
Sample : Q2413-01  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

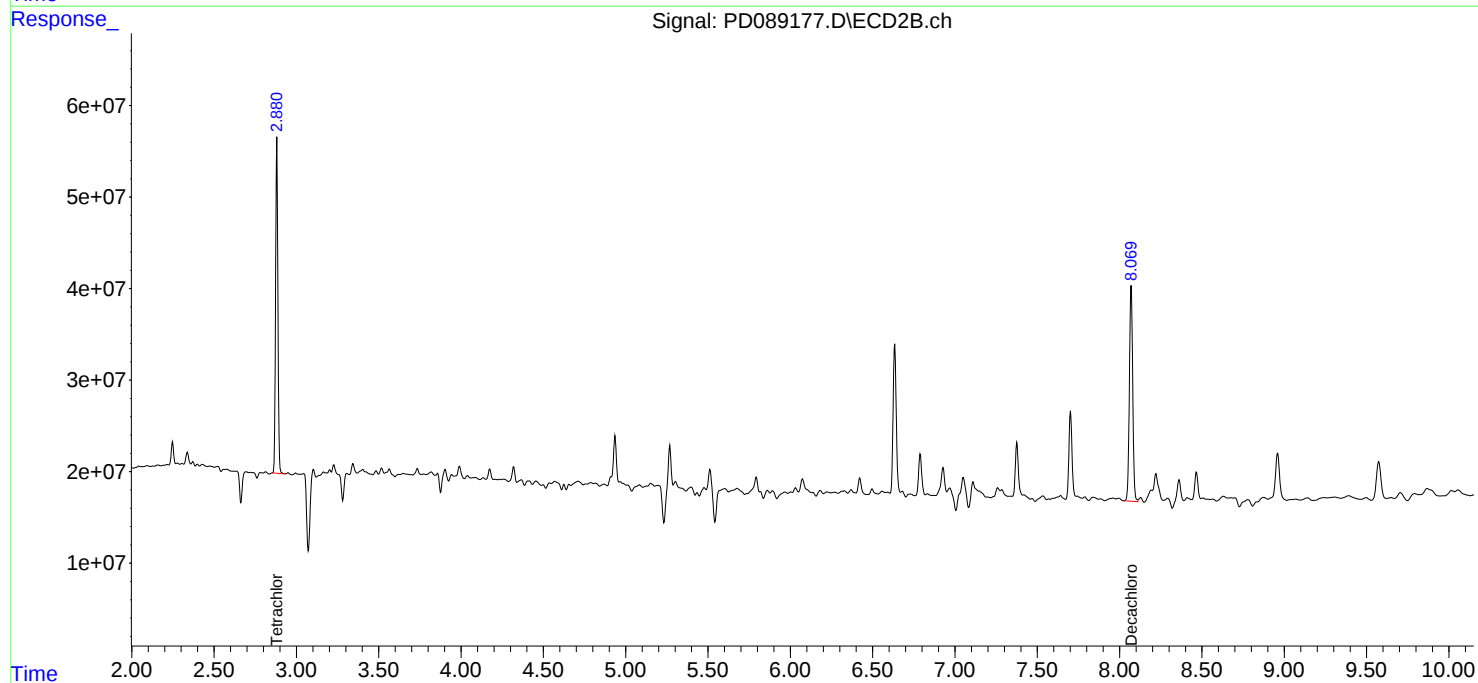
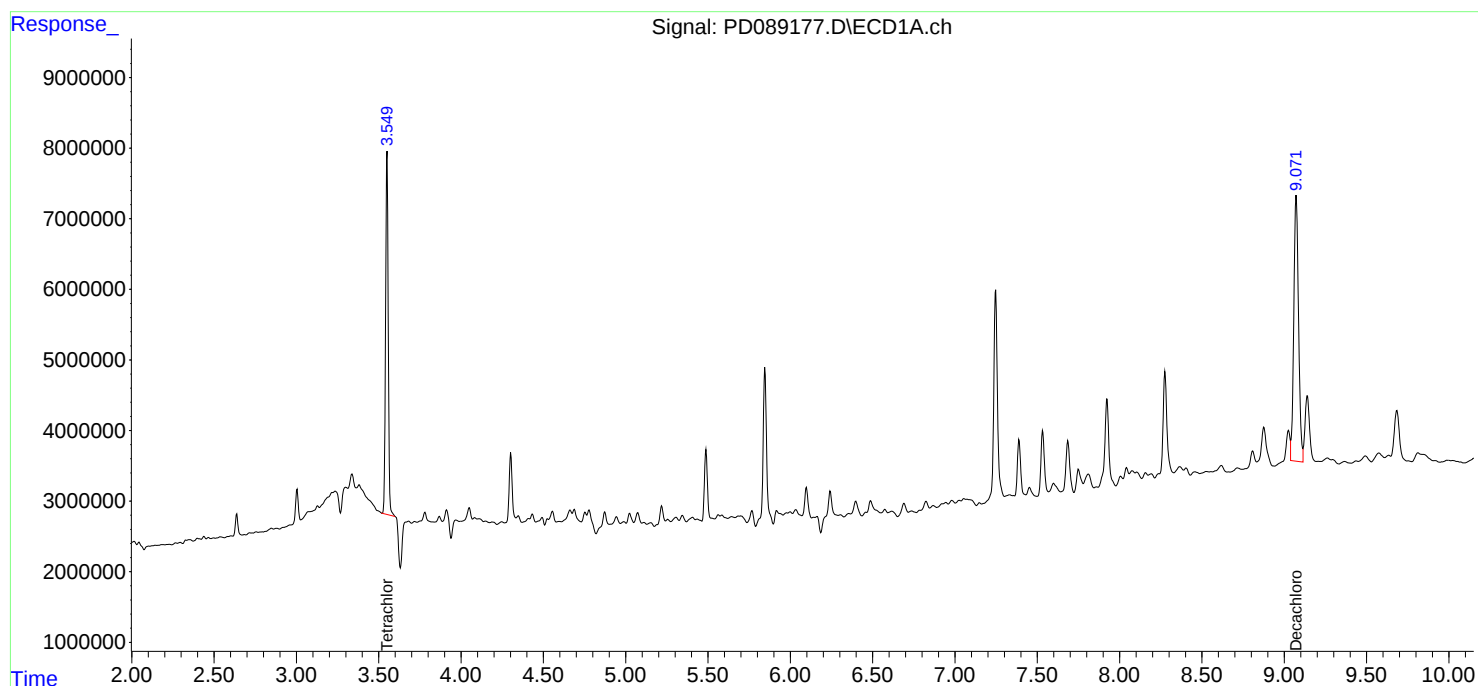
Instrument :  
ECD\_D  
ClientSampleId :  
TP-35

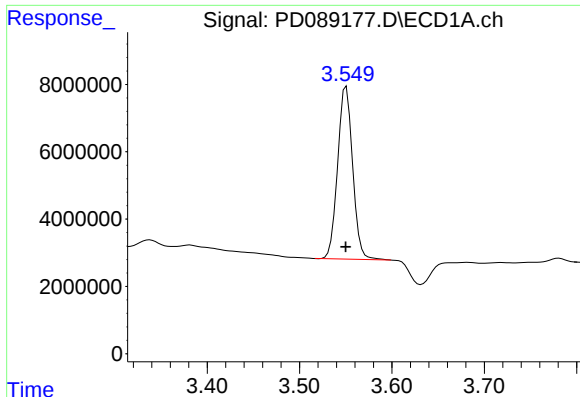
Manual Integrations  
APPROVED

Reviewed By : Abdul Mirza 06/30/2025  
Supervised By : mohammad ahmed 07/01/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 28 05:35:19 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 18 05:39:05 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





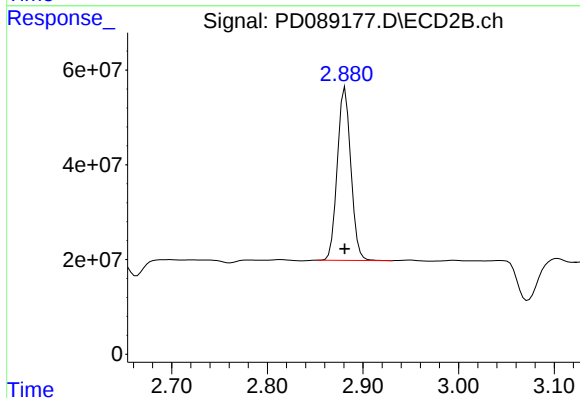
## #1 Tetrachloro-m-xylene

R.T.: 3.551 min  
Delta R.T.: 0.000 min  
Response: 57922970  
Conc: 20.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-35

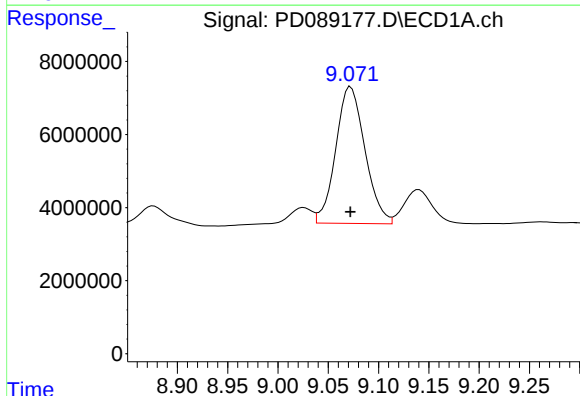
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/30/2025  
Supervised By :mohammad ahmed 07/01/2025



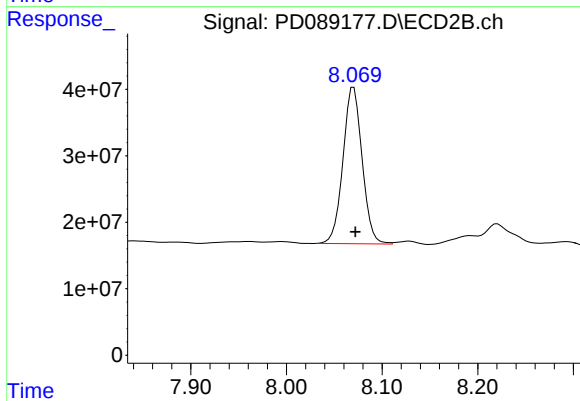
## #1 Tetrachloro-m-xylene

R.T.: 2.881 min  
Delta R.T.: 0.000 min  
Response: 358704750  
Conc: 21.16 ng/ml



## #28 Decachlorobiphenyl

R.T.: 9.071 min  
Delta R.T.: 0.000 min  
Response: 75276780  
Conc: 19.17 ng/ml m



## #28 Decachlorobiphenyl

R.T.: 8.070 min  
Delta R.T.: -0.002 min  
Response: 328964247  
Conc: 16.64 ng/ml

## Report of Analysis

|                    |                            |                    |                   |
|--------------------|----------------------------|--------------------|-------------------|
| Client:            | CDM Smith                  | Date Collected:    | 06/23/25          |
| Project:           | South River WM Replacement | Date Received:     | 06/24/25          |
| Client Sample ID:  | TP-34                      | SDG No.:           | Q2413             |
| Lab Sample ID:     | Q2413-02                   | Matrix:            | SOIL              |
| Analytical Method: | 8081B                      | % Solid:           | 92      Decanted: |
| Sample Wt/Vol:     | 30.06      Units:    g     | Final Vol:         | 10000      uL     |
| Soil Aliquot Vol:  | uL                         | Test:              | Pesticide-TCL     |
| Extraction Type:   |                            | Injection Volume : |                   |
| GPC Factor :       | 1.0      PH :              |                    |                   |
| Prep Method :      | SW3541B                    |                    |                   |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PD089178.D        | 1         | 06/26/25 08:20 | 06/27/25 04:47 | PB168623      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 319-84-6          | alpha-BHC            | 0.14  | U         | 0.14     | 1.80       | ug/kg             |
| 319-85-7          | beta-BHC             | 0.39  | JP        | 0.20     | 1.80       | ug/kg             |
| 319-86-8          | delta-BHC            | 0.42  | U         | 0.42     | 1.80       | ug/kg             |
| 58-89-9           | gamma-BHC (Lindane)  | 0.15  | U         | 0.15     | 1.80       | ug/kg             |
| 76-44-8           | Heptachlor           | 0.13  | U         | 0.13     | 1.80       | ug/kg             |
| 309-00-2          | Aldrin               | 0.13  | U         | 0.13     | 1.80       | ug/kg             |
| 1024-57-3         | Heptachlor epoxide   | 0.21  | U         | 0.21     | 1.80       | ug/kg             |
| 959-98-8          | Endosulfan I         | 0.15  | U         | 0.15     | 1.80       | ug/kg             |
| 60-57-1           | Dieldrin             | 0.15  | U         | 0.15     | 1.80       | ug/kg             |
| 72-55-9           | 4,4-DDE              | 0.15  | U         | 0.15     | 1.80       | ug/kg             |
| 72-20-8           | Endrin               | 0.15  | U         | 0.15     | 1.80       | ug/kg             |
| 33213-65-9        | Endosulfan II        | 0.31  | U         | 0.31     | 1.80       | ug/kg             |
| 72-54-8           | 4,4-DDD              | 0.16  | U         | 0.16     | 1.80       | ug/kg             |
| 1031-07-8         | Endosulfan Sulfate   | 0.14  | U         | 0.14     | 1.80       | ug/kg             |
| 50-29-3           | 4,4-DDT              | 0.15  | U         | 0.15     | 1.80       | ug/kg             |
| 72-43-5           | Methoxychlor         | 0.40  | U         | 0.40     | 1.80       | ug/kg             |
| 53494-70-5        | Endrin ketone        | 0.21  | U         | 0.21     | 1.80       | ug/kg             |
| 7421-93-4         | Endrin aldehyde      | 0.40  | U         | 0.40     | 1.80       | ug/kg             |
| 5103-71-9         | alpha-Chlordane      | 1.20  | JP        | 0.13     | 1.80       | ug/kg             |
| 5103-74-2         | gamma-Chlordane      | 0.78  | JP        | 0.16     | 1.80       | ug/kg             |
| 8001-35-2         | Toxaphene            | 5.90  | U         | 5.90     | 35.8       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 20.7  |           | 20 - 144 | 103%       | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 20.1  |           | 19 - 148 | 101%       | SPK: 20           |

## Report of Analysis

|                    |                            |                    |                   |
|--------------------|----------------------------|--------------------|-------------------|
| Client:            | CDM Smith                  | Date Collected:    | 06/23/25          |
| Project:           | South River WM Replacement | Date Received:     | 06/24/25          |
| Client Sample ID:  | TP-34                      | SDG No.:           | Q2413             |
| Lab Sample ID:     | Q2413-02                   | Matrix:            | SOIL              |
| Analytical Method: | 8081B                      | % Solid:           | 92      Decanted: |
| Sample Wt/Vol:     | 30.06      Units:    g     | Final Vol:         | 10000      uL     |
| Soil Aliquot Vol:  | uL                         | Test:              | Pesticide-TCL     |
| Extraction Type:   |                            | Injection Volume : |                   |
| GPC Factor :       | 1.0      PH :              |                    |                   |
| Prep Method :      | SW3541B                    |                    |                   |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PD089178.D        | 1         | 06/26/25 08:20 | 06/27/25 04:47 | PB168623      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

### 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\_D\Data\PD062725\  
 Data File : PD089178.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Jun 2025 04:47  
 Operator : AR\AJ  
 Sample : Q2413-02  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 TP-34

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 06/30/2025  
 Supervised By :mohammad ahmed 07/01/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 28 05:35:31 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 18 05:39:05 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|----------|---------|---------|
| -----                       |       |       |          |          |         |         |
| System Monitoring Compounds |       |       |          |          |         |         |
| 1) SA Tetrachlo...          | 3.550 | 2.881 | 55589554 | 341.4E6  | 19.484  | 20.140  |
| 28) SA Decachlor...         | 9.070 | 8.071 | 81152408 | 317.4E6  | 20.662m | 16.055  |
| Target Compounds            |       |       |          |          |         |         |
| 6) B beta-BHC               | 4.515 | 4.039 | 2382129  | 6572677  | 1.079m  | 0.612 # |
| 10) B gamma-Chl...          | 5.945 | 5.123 | 10274619 | 27323696 | 2.146   | 1.142m# |
| 11) B alpha-Chl...          | 6.031 | 5.188 | 15933230 | 40124537 | 3.293   | 1.752m# |
| -----                       |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062725\  
Data File : PD089178.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Jun 2025 04:47  
Operator : AR\AJ  
Sample : Q2413-02  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

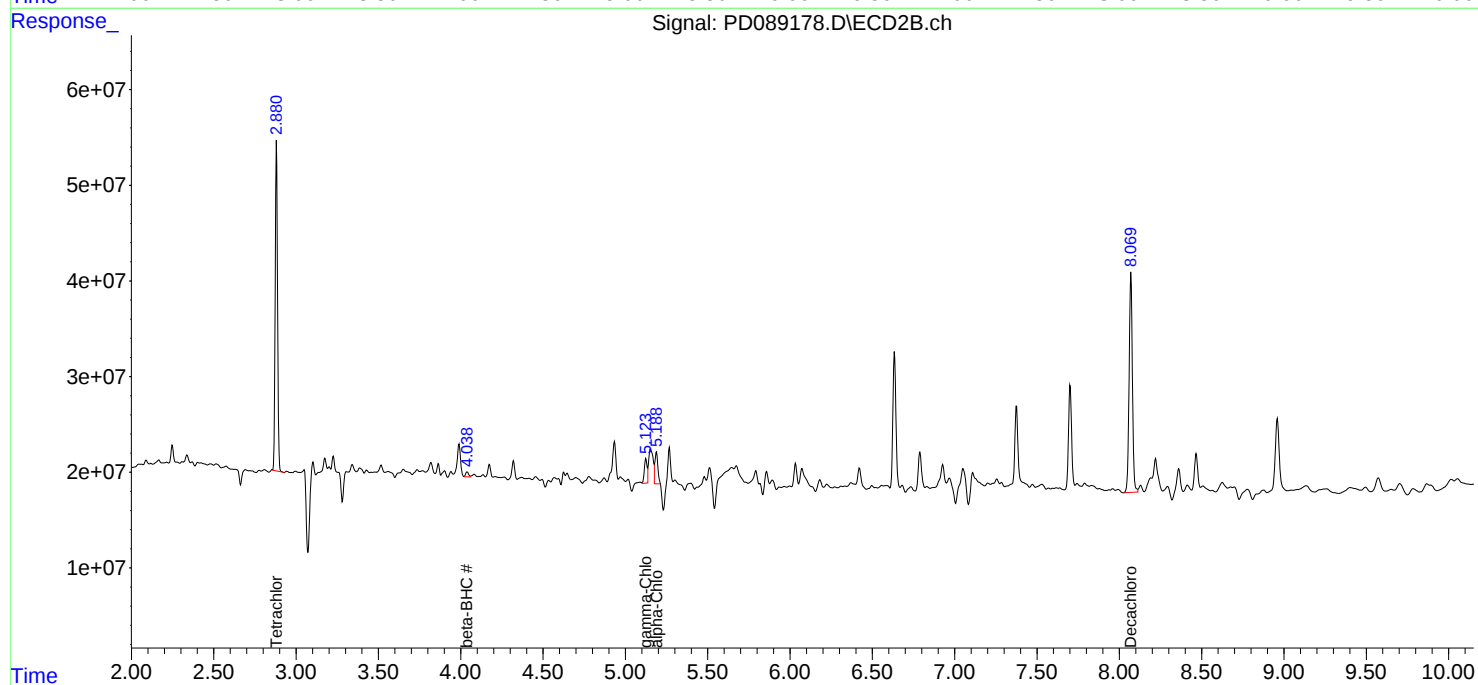
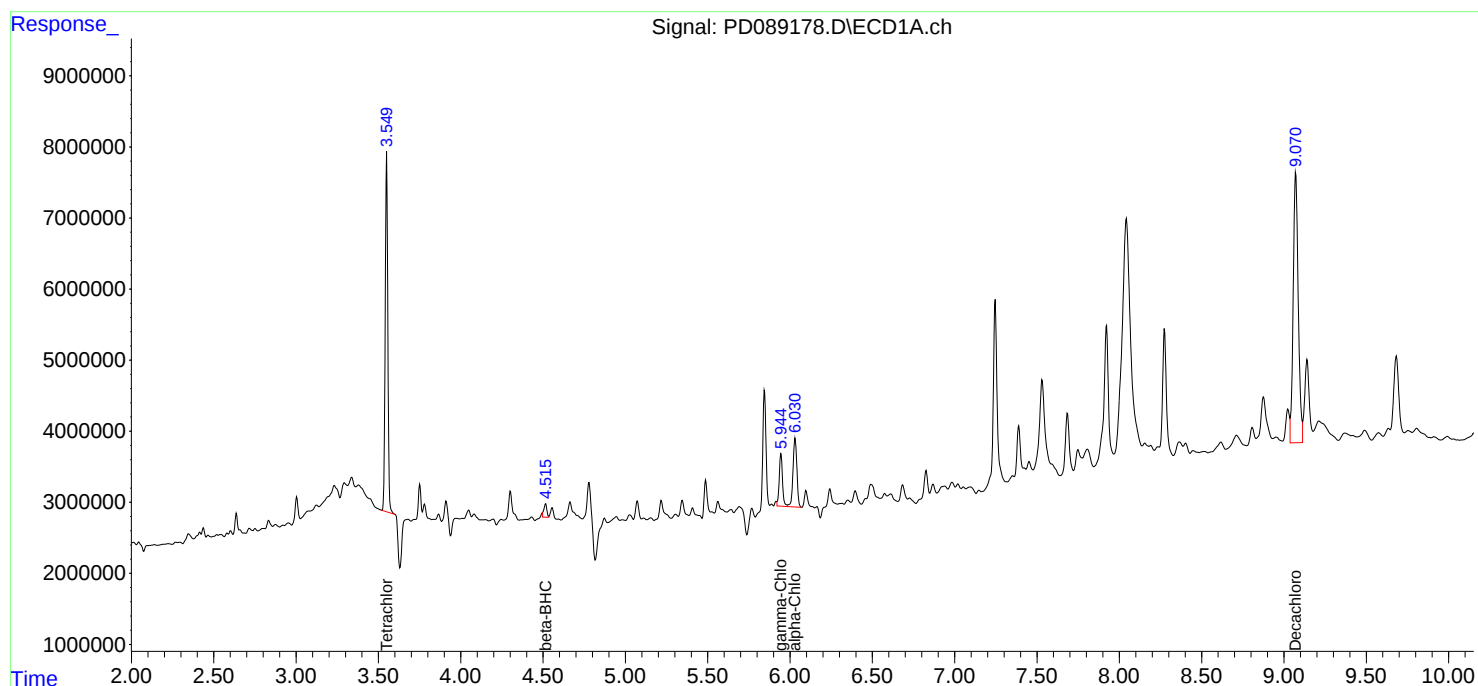
Instrument :  
ECD\_D  
ClientSampleId :  
TP-34

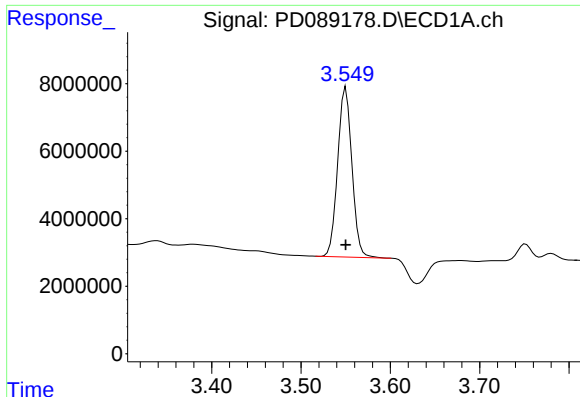
Manual Integrations  
APPROVED

Reviewed By : Abdul Mirza 06/30/2025  
Supervised By : mohammad ahmed 07/01/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 28 05:35:31 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 18 05:39:05 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





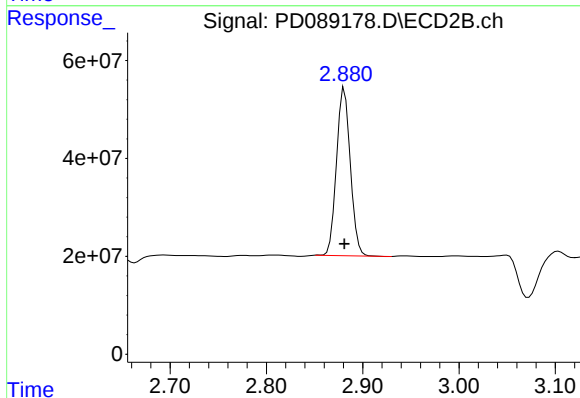
## #1 Tetrachloro-m-xylene

R.T.: 3.550 min  
Delta R.T.: 0.000 min  
Response: 55589554  
Conc: 19.48 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-34

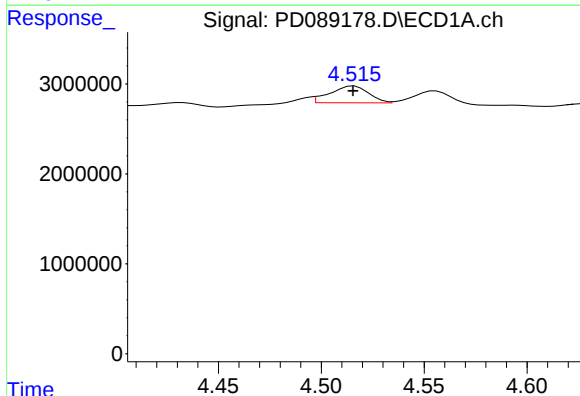
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/30/2025  
Supervised By :mohammad ahmed 07/01/2025



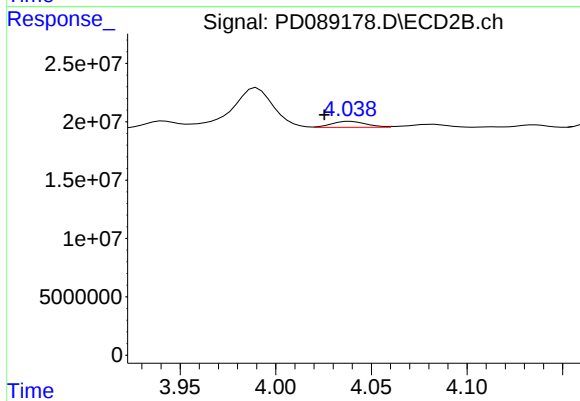
## #1 Tetrachloro-m-xylene

R.T.: 2.881 min  
Delta R.T.: 0.000 min  
Response: 341428479  
Conc: 20.14 ng/ml



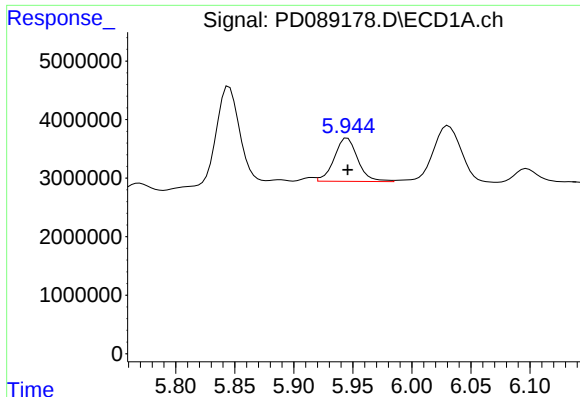
## #6 beta-BHC

R.T.: 4.515 min  
Delta R.T.: 0.000 min  
Response: 2382129  
Conc: 1.08 ng/ml m



## #6 beta-BHC

R.T.: 4.039 min  
Delta R.T.: 0.014 min  
Response: 6572677  
Conc: 0.61 ng/ml



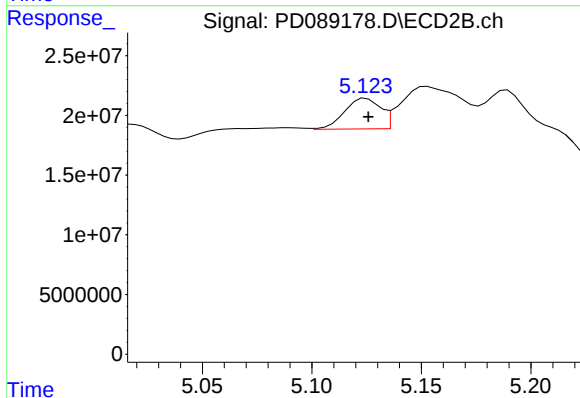
#10 gamma-Chlordane

R.T.: 5.945 min  
Delta R.T.: 0.000 min  
Response: 10274619  
Conc: 2.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-34

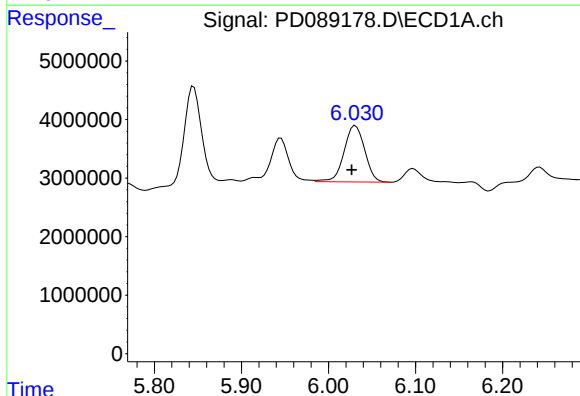
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/30/2025  
Supervised By :mohammad ahmed 07/01/2025



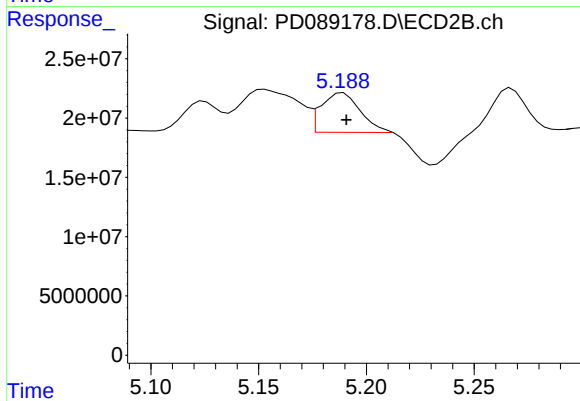
#10 gamma-Chlordane

R.T.: 5.123 min  
Delta R.T.: -0.002 min  
Response: 27323696  
Conc: 1.14 ng/ml m



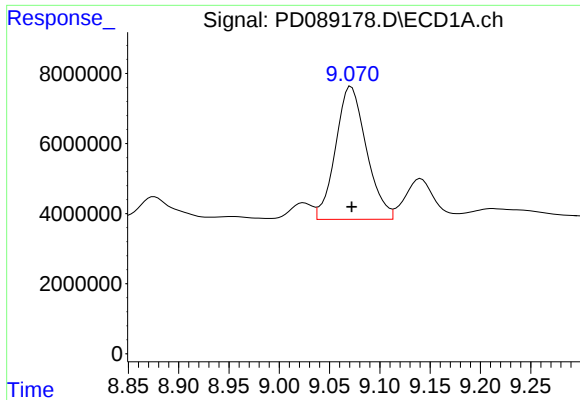
#11 alpha-Chlordane

R.T.: 6.031 min  
Delta R.T.: 0.004 min  
Response: 15933230  
Conc: 3.29 ng/ml



#11 alpha-Chlordane

R.T.: 5.188 min  
Delta R.T.: -0.003 min  
Response: 40124537  
Conc: 1.75 ng/ml m



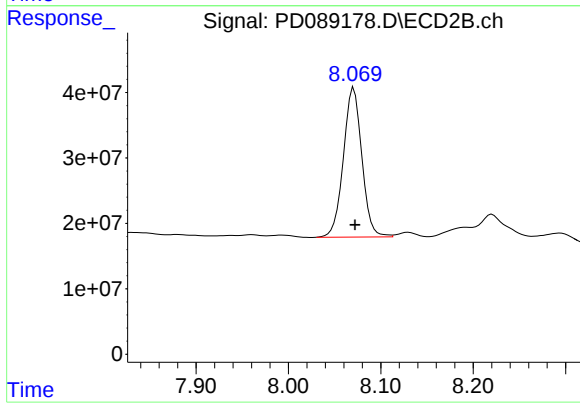
#28 Decachlorobiphenyl

R.T.: 9.070 min  
Delta R.T.: -0.002 min  
Response: 81152408  
Conc: 20.66 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-34

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/30/2025  
Supervised By :mohammad ahmed 07/01/2025



#28 Decachlorobiphenyl

R.T.: 8.071 min  
Delta R.T.: -0.001 min  
Response: 317411120  
Conc: 16.06 ng/ml

## Report of Analysis

|                    |                            |                    |                     |
|--------------------|----------------------------|--------------------|---------------------|
| Client:            | CDM Smith                  | Date Collected:    | 06/23/25            |
| Project:           | South River WM Replacement | Date Received:     | 06/24/25            |
| Client Sample ID:  | TP-77                      | SDG No.:           | Q2413               |
| Lab Sample ID:     | Q2413-03                   | Matrix:            | SOIL                |
| Analytical Method: | 8081B                      | % Solid:           | 91.4      Decanted: |
| Sample Wt/Vol:     | 30.04      Units:    g     | Final Vol:         | 10000      uL       |
| Soil Aliquot Vol:  | uL                         | Test:              | Pesticide-TCL       |
| Extraction Type:   |                            | Injection Volume : |                     |
| GPC Factor :       | 1.0      PH :              |                    |                     |
| Prep Method :      | SW3541B                    |                    |                     |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PD089179.D        | 1         | 06/26/25 08:20 | 06/27/25 05:01 | PB168623      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 319-84-6          | alpha-BHC            | 0.14  | U         | 0.14     | 1.90       | ug/kg             |
| 319-85-7          | beta-BHC             | 0.20  | U         | 0.20     | 1.90       | ug/kg             |
| 319-86-8          | delta-BHC            | 0.43  | U         | 0.43     | 1.90       | ug/kg             |
| 58-89-9           | gamma-BHC (Lindane)  | 0.15  | U         | 0.15     | 1.90       | ug/kg             |
| 76-44-8           | Heptachlor           | 0.13  | U         | 0.13     | 1.90       | ug/kg             |
| 309-00-2          | Aldrin               | 0.13  | U         | 0.13     | 1.90       | ug/kg             |
| 1024-57-3         | Heptachlor epoxide   | 0.21  | U         | 0.21     | 1.90       | ug/kg             |
| 959-98-8          | Endosulfan I         | 0.15  | U         | 0.15     | 1.90       | ug/kg             |
| 60-57-1           | Dieldrin             | 0.15  | U         | 0.15     | 1.90       | ug/kg             |
| 72-55-9           | 4,4-DDE              | 0.15  | U         | 0.15     | 1.90       | ug/kg             |
| 72-20-8           | Endrin               | 0.26  | JP        | 0.15     | 1.90       | ug/kg             |
| 33213-65-9        | Endosulfan II        | 0.32  | U         | 0.32     | 1.90       | ug/kg             |
| 72-54-8           | 4,4-DDD              | 0.16  | U         | 0.16     | 1.90       | ug/kg             |
| 1031-07-8         | Endosulfan Sulfate   | 0.14  | U         | 0.14     | 1.90       | ug/kg             |
| 50-29-3           | 4,4-DDT              | 0.15  | U         | 0.15     | 1.90       | ug/kg             |
| 72-43-5           | Methoxychlor         | 0.40  | U         | 0.40     | 1.90       | ug/kg             |
| 53494-70-5        | Endrin ketone        | 0.21  | U         | 0.21     | 1.90       | ug/kg             |
| 7421-93-4         | Endrin aldehyde      | 0.40  | U         | 0.40     | 1.90       | ug/kg             |
| 5103-71-9         | alpha-Chlordane      | 0.13  | U         | 0.13     | 1.90       | ug/kg             |
| 5103-74-2         | gamma-Chlordane      | 0.16  | U         | 0.16     | 1.90       | ug/kg             |
| 8001-35-2         | Toxaphene            | 5.90  | U         | 5.90     | 36.1       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 16.7  |           | 20 - 144 | 84%        | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 19.9  |           | 19 - 148 | 100%       | SPK: 20           |

## Report of Analysis

|                    |                            |                    |                     |
|--------------------|----------------------------|--------------------|---------------------|
| Client:            | CDM Smith                  | Date Collected:    | 06/23/25            |
| Project:           | South River WM Replacement | Date Received:     | 06/24/25            |
| Client Sample ID:  | TP-77                      | SDG No.:           | Q2413               |
| Lab Sample ID:     | Q2413-03                   | Matrix:            | SOIL                |
| Analytical Method: | 8081B                      | % Solid:           | 91.4      Decanted: |
| Sample Wt/Vol:     | 30.04      Units:    g     | Final Vol:         | 10000      uL       |
| Soil Aliquot Vol:  | uL                         | Test:              | Pesticide-TCL       |
| Extraction Type:   |                            | Injection Volume : |                     |
| GPC Factor :       | 1.0      PH :              |                    |                     |
| Prep Method :      | SW3541B                    |                    |                     |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PD089179.D        | 1         | 06/26/25 08:20 | 06/27/25 05:01 | PB168623      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

### 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\_D\Data\PD062725\  
 Data File : PD089179.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Jun 2025 05:01  
 Operator : AR\AJ  
 Sample : Q2413-03  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 TP-77

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 06/30/2025  
 Supervised By : mohammad ahmed 07/01/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 28 05:35:41 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 18 05:39:05 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|----------|---------|---------|
| -----                       |       |       |          |          |         |         |
| System Monitoring Compounds |       |       |          |          |         |         |
| 1) SA Tetrachlo...          | 3.550 | 2.881 | 56027184 | 338.0E6  | 19.637  | 19.939  |
| 28) SA Decachlor...         | 9.070 | 8.071 | 65742151 | 284.7E6  | 16.738m | 14.401  |
| Target Compounds            |       |       |          |          |         |         |
| 14) MA Endrin               | 6.573 | 5.790 | 1913207  | 15654221 | 0.464m  | 0.721m# |
| -----                       |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062725\  
Data File : PD089179.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Jun 2025 05:01  
Operator : AR\AJ  
Sample : Q2413-03  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

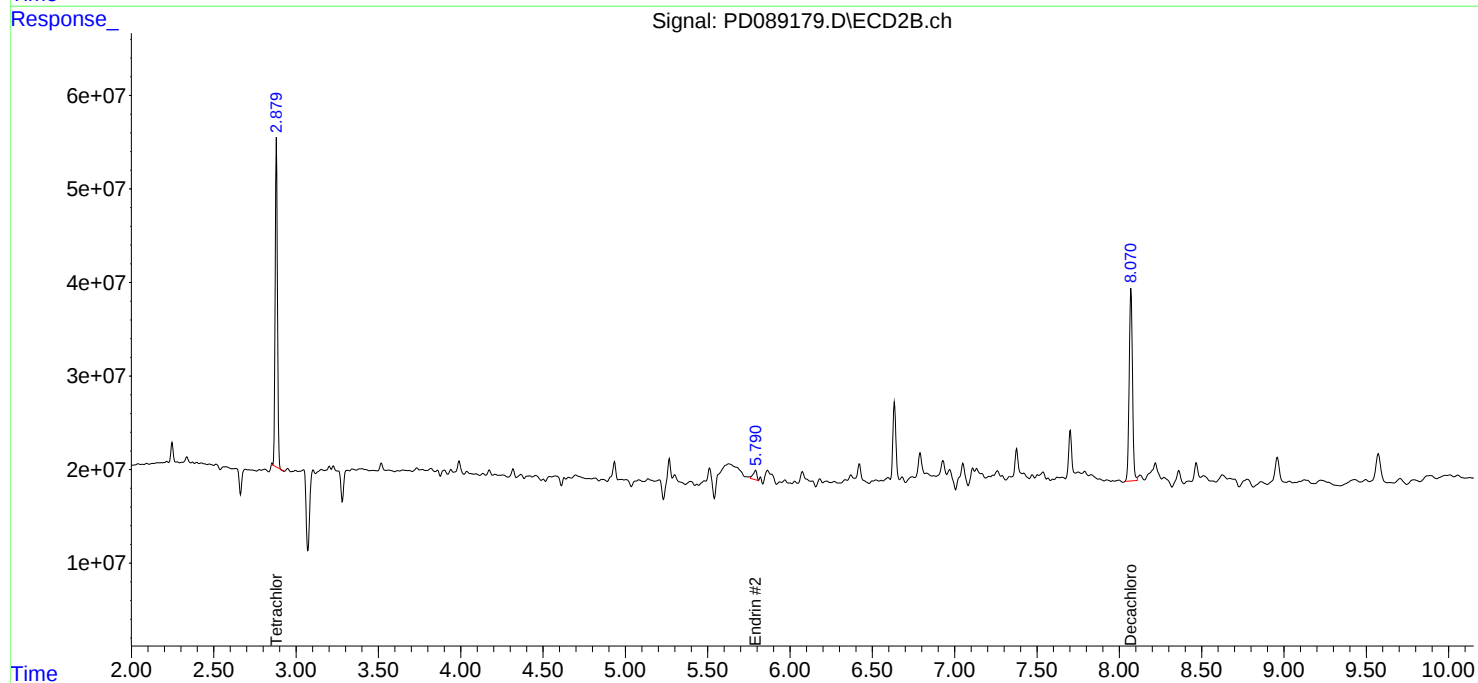
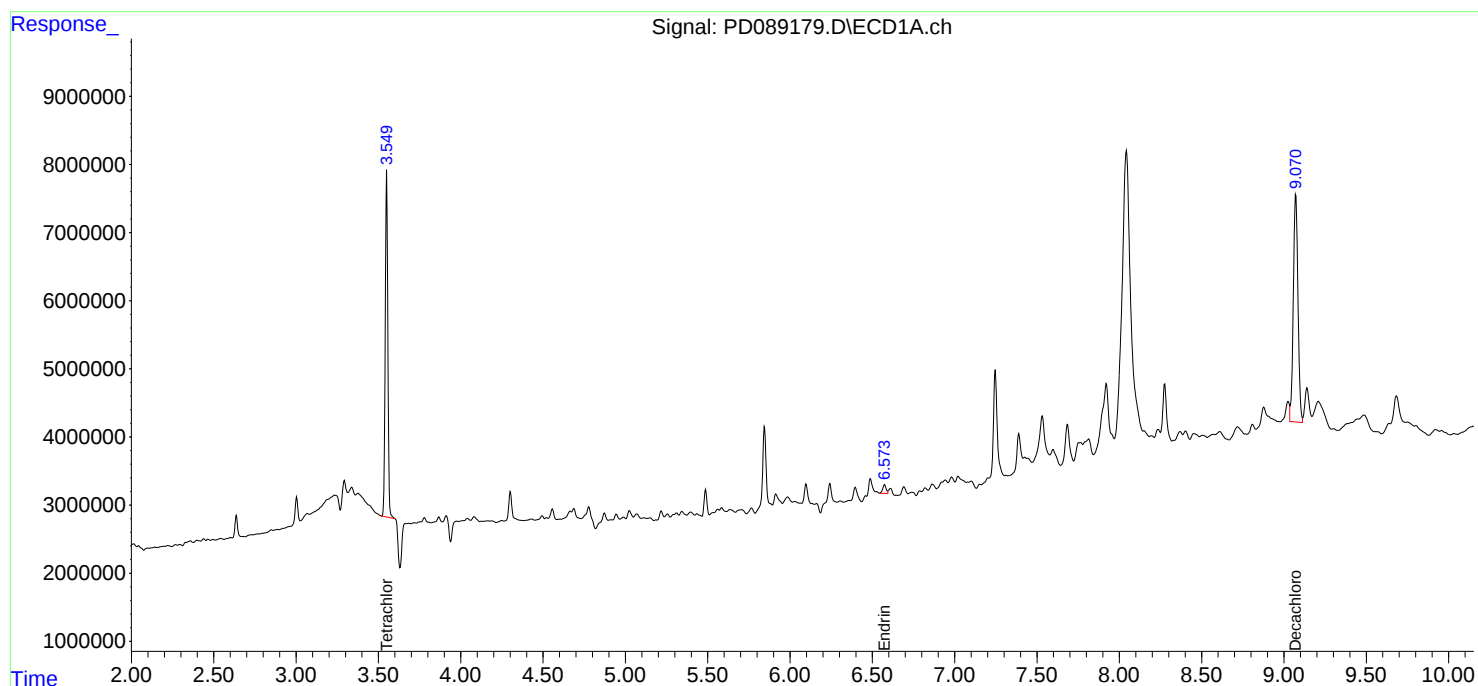
Instrument :  
ECD\_D  
ClientSampleId :  
TP-77

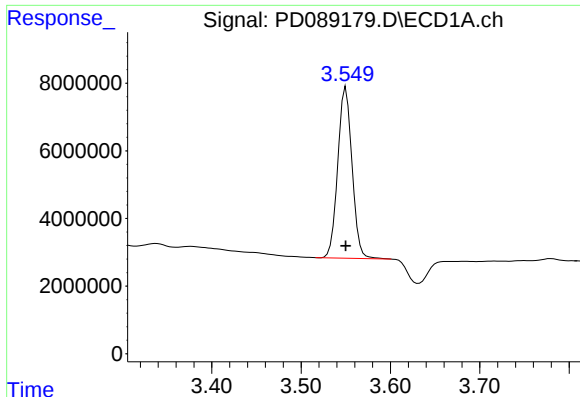
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/30/2025  
Supervised By :mohammad ahmed 07/01/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 28 05:35:41 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 18 05:39:05 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





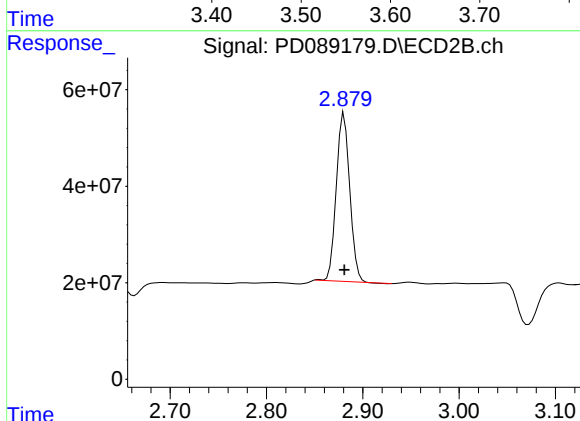
## #1 Tetrachloro-m-xylene

R.T.: 3.550 min  
Delta R.T.: 0.000 min  
Response: 56027184  
Conc: 19.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-77

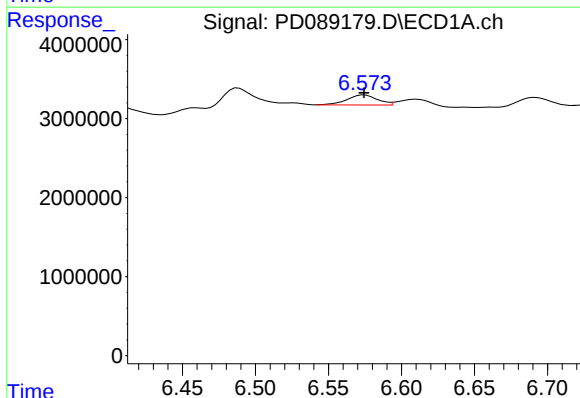
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/30/2025  
Supervised By :mohammad ahmed 07/01/2025



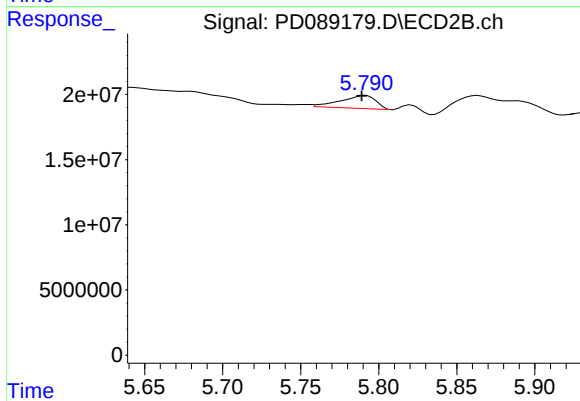
## #1 Tetrachloro-m-xylene

R.T.: 2.881 min  
Delta R.T.: 0.000 min  
Response: 338034473  
Conc: 19.94 ng/ml



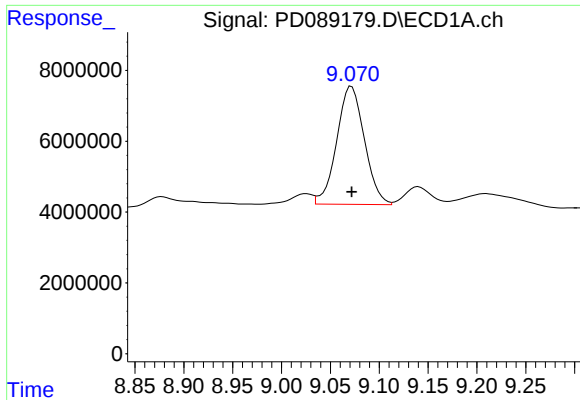
## #14 Endrin

R.T.: 6.573 min  
Delta R.T.: -0.001 min  
Response: 1913207  
Conc: 0.46 ng/ml m



## #14 Endrin

R.T.: 5.790 min  
Delta R.T.: 0.001 min  
Response: 15654221  
Conc: 0.72 ng/ml m



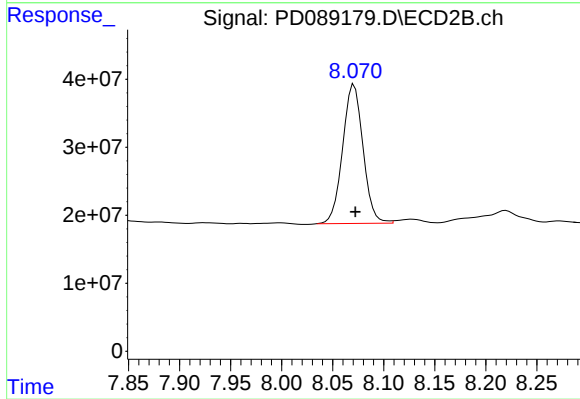
#28 Decachlorobiphenyl

R.T.: 9.070 min  
Delta R.T.: -0.002 min  
Response: 65742151  
Conc: 16.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-77

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/30/2025  
Supervised By :mohammad ahmed 07/01/2025



#28 Decachlorobiphenyl

R.T.: 8.071 min  
Delta R.T.: -0.001 min  
Response: 284715370  
Conc: 14.40 ng/ml

## Report of Analysis

|                    |                            |                    |                     |
|--------------------|----------------------------|--------------------|---------------------|
| Client:            | CDM Smith                  | Date Collected:    | 06/23/25            |
| Project:           | South River WM Replacement | Date Received:     | 06/24/25            |
| Client Sample ID:  | TP-74                      | SDG No.:           | Q2413               |
| Lab Sample ID:     | Q2413-04                   | Matrix:            | SOIL                |
| Analytical Method: | 8081B                      | % Solid:           | 89.5      Decanted: |
| Sample Wt/Vol:     | 30.07      Units:    g     | Final Vol:         | 10000      uL       |
| Soil Aliquot Vol:  | uL                         | Test:              | Pesticide-TCL       |
| Extraction Type:   |                            | Injection Volume : |                     |
| GPC Factor :       | 1.0      PH :              |                    |                     |
| Prep Method :      | SW3541B                    |                    |                     |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PD089180.D        | 1         | 06/26/25 08:20 | 06/27/25 05:14 | PB168623      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 319-84-6          | alpha-BHC            | 0.14  | U         | 0.14     | 1.90       | ug/kg             |
| 319-85-7          | beta-BHC             | 0.20  | U         | 0.20     | 1.90       | ug/kg             |
| 319-86-8          | delta-BHC            | 0.43  | U         | 0.43     | 1.90       | ug/kg             |
| 58-89-9           | gamma-BHC (Lindane)  | 0.16  | U         | 0.16     | 1.90       | ug/kg             |
| 76-44-8           | Heptachlor           | 0.13  | U         | 0.13     | 1.90       | ug/kg             |
| 309-00-2          | Aldrin               | 0.13  | U         | 0.13     | 1.90       | ug/kg             |
| 1024-57-3         | Heptachlor epoxide   | 0.21  | U         | 0.21     | 1.90       | ug/kg             |
| 959-98-8          | Endosulfan I         | 0.16  | U         | 0.16     | 1.90       | ug/kg             |
| 60-57-1           | Dieldrin             | 0.16  | U         | 0.16     | 1.90       | ug/kg             |
| 72-55-9           | 4,4-DDE              | 0.37  | JP        | 0.16     | 1.90       | ug/kg             |
| 72-20-8           | Endrin               | 0.16  | U         | 0.16     | 1.90       | ug/kg             |
| 33213-65-9        | Endosulfan II        | 0.32  | U         | 0.32     | 1.90       | ug/kg             |
| 72-54-8           | 4,4-DDD              | 0.17  | U         | 0.17     | 1.90       | ug/kg             |
| 1031-07-8         | Endosulfan Sulfate   | 0.14  | U         | 0.14     | 1.90       | ug/kg             |
| 50-29-3           | 4,4-DDT              | 0.43  | JP        | 0.16     | 1.90       | ug/kg             |
| 72-43-5           | Methoxychlor         | 0.41  | U         | 0.41     | 1.90       | ug/kg             |
| 53494-70-5        | Endrin ketone        | 0.21  | U         | 0.21     | 1.90       | ug/kg             |
| 7421-93-4         | Endrin aldehyde      | 0.41  | U         | 0.41     | 1.90       | ug/kg             |
| 5103-71-9         | alpha-Chlordane      | 0.13  | U         | 0.13     | 1.90       | ug/kg             |
| 5103-74-2         | gamma-Chlordane      | 0.17  | U         | 0.17     | 1.90       | ug/kg             |
| 8001-35-2         | Toxaphene            | 6.00  | U         | 6.00     | 36.8       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 14.7  |           | 20 - 144 | 74%        | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 18.8  |           | 19 - 148 | 94%        | SPK: 20           |

## Report of Analysis

|                    |                            |                    |                     |
|--------------------|----------------------------|--------------------|---------------------|
| Client:            | CDM Smith                  | Date Collected:    | 06/23/25            |
| Project:           | South River WM Replacement | Date Received:     | 06/24/25            |
| Client Sample ID:  | TP-74                      | SDG No.:           | Q2413               |
| Lab Sample ID:     | Q2413-04                   | Matrix:            | SOIL                |
| Analytical Method: | 8081B                      | % Solid:           | 89.5      Decanted: |
| Sample Wt/Vol:     | 30.07      Units:    g     | Final Vol:         | 10000      uL       |
| Soil Aliquot Vol:  | uL                         | Test:              | Pesticide-TCL       |
| Extraction Type:   |                            | Injection Volume : |                     |
| GPC Factor :       | 1.0      PH :              |                    |                     |
| Prep Method :      | SW3541B                    |                    |                     |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PD089180.D        | 1         | 06/26/25 08:20 | 06/27/25 05:14 | PB168623      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

### 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\_D\Data\PD062725\  
 Data File : PD089180.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Jun 2025 05:14  
 Operator : AR\AJ  
 Sample : Q2413-04  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 TP-74

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 06/30/2025  
 Supervised By :mohammad ahmed 07/01/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 28 05:35:52 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 18 05:39:05 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|----------|---------|---------|
| -----                       |       |       |          |          |         |         |
| System Monitoring Compounds |       |       |          |          |         |         |
| 1) SA Tetrachlo...          | 3.550 | 2.881 | 53609764 | 318.8E6  | 18.790  | 18.802  |
| 2) SA Decachlor...          | 9.069 | 8.068 | 57825850 | 258.2E6  | 14.723m | 13.059m |
| Target Compounds            |       |       |          |          |         |         |
| 12) B 4,4'-DDE              | 6.196 | 5.373 | 2846885  | 23014723 | 0.653m  | 1.004m# |
| 17) MA 4,4'-DDT             | 7.020 | 6.181 | 2825142  | 23528243 | 0.746   | 1.160 # |
| -----                       |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062725\  
Data File : PD089180.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Jun 2025 05:14  
Operator : AR\AJ  
Sample : Q2413-04  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

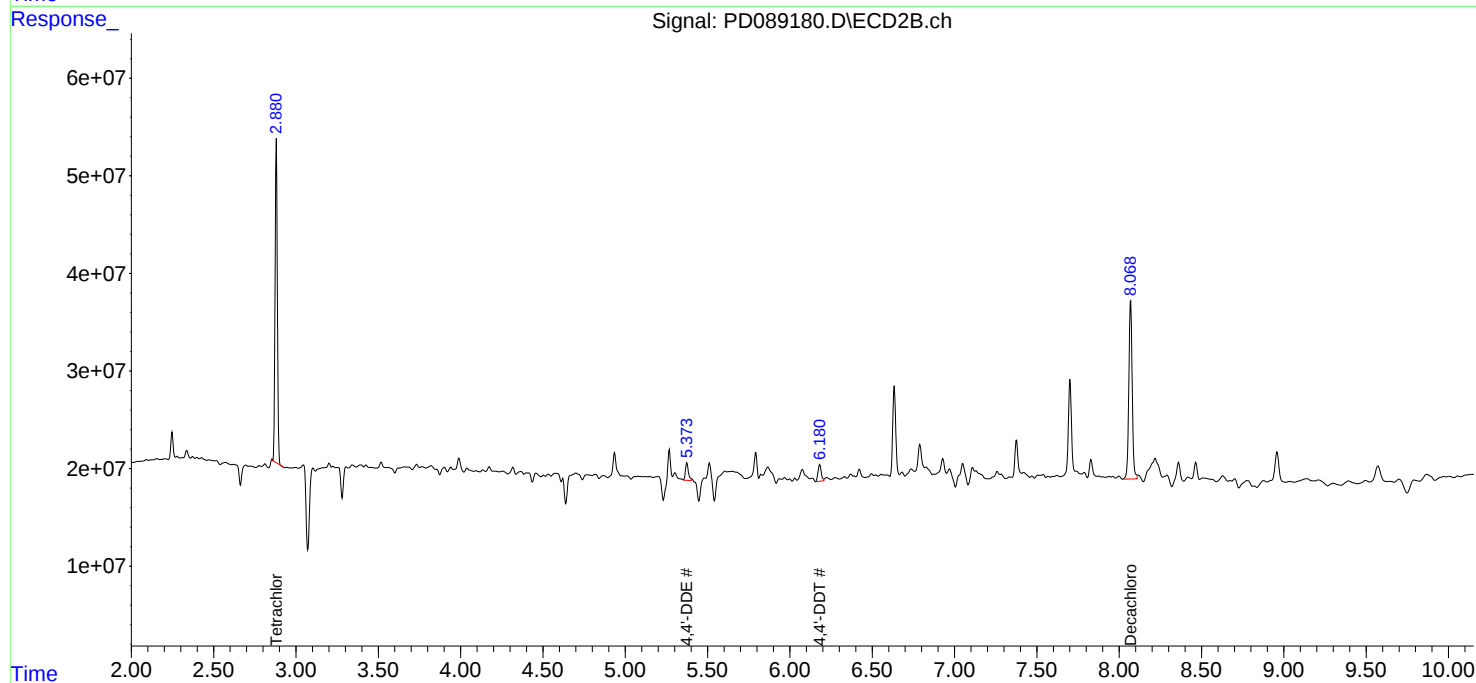
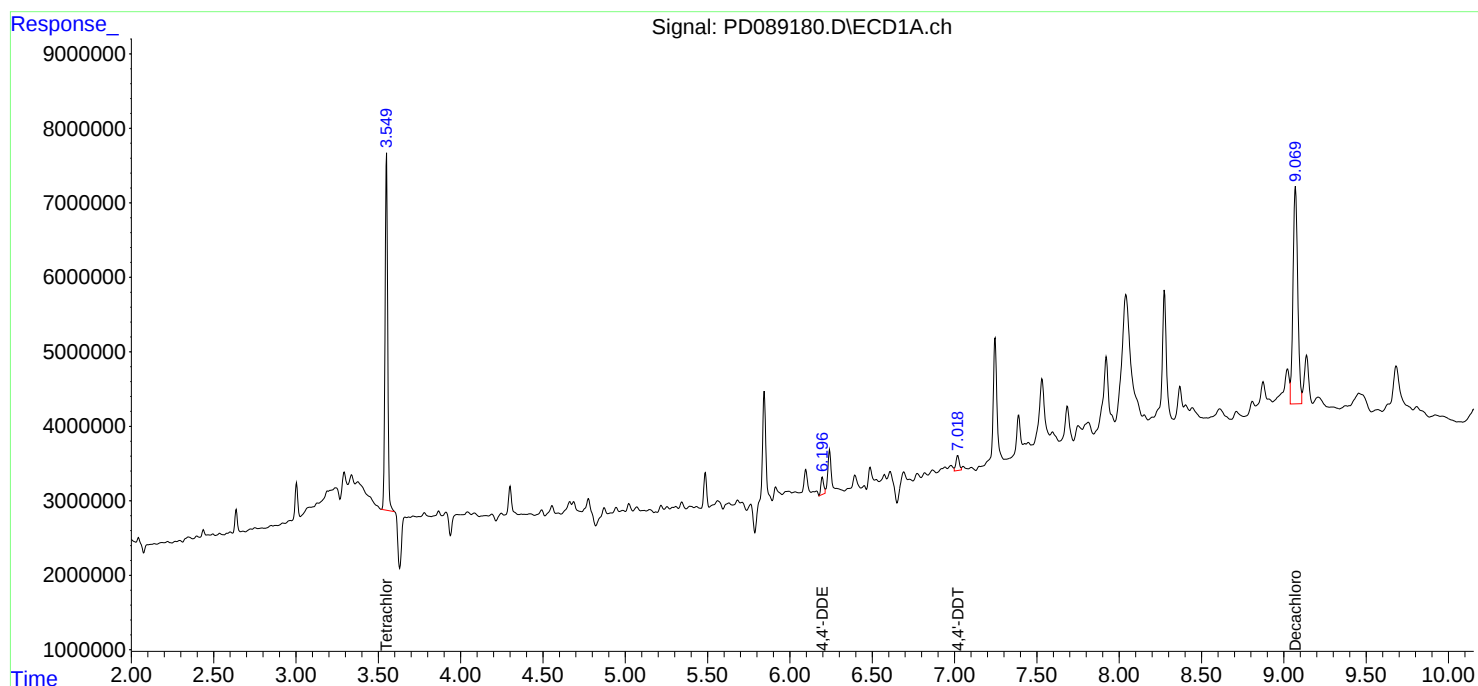
Instrument :  
ECD\_D  
ClientSampleId :  
TP-74

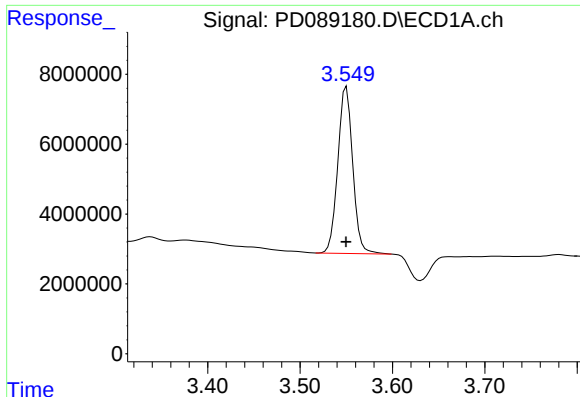
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/30/2025  
Supervised By :mohammad ahmed 07/01/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 28 05:35:52 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 18 05:39:05 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





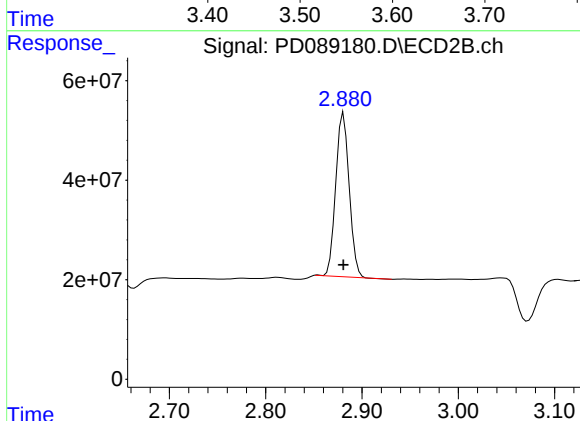
#1 Tetrachloro-m-xylene

R.T.: 3.550 min  
Delta R.T.: 0.000 min  
Response: 53609764  
Conc: 18.79 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-74

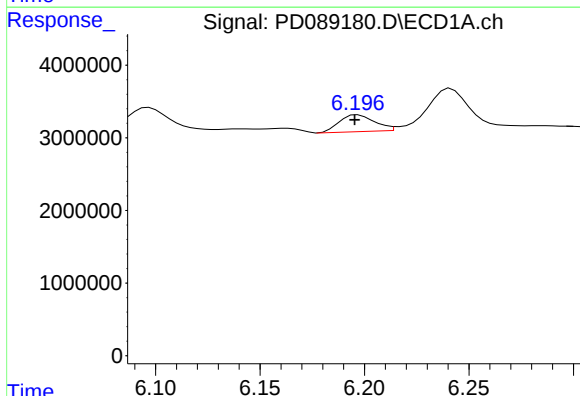
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/30/2025  
Supervised By :mohammad ahmed 07/01/2025



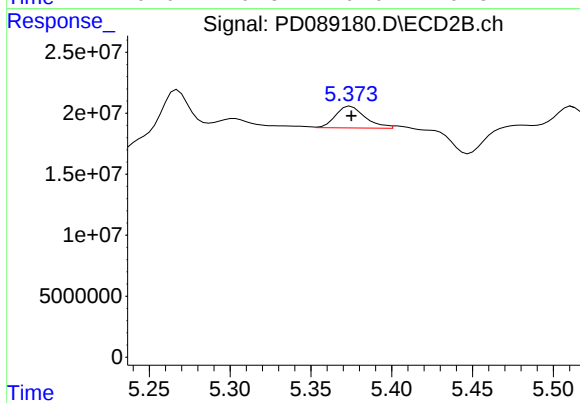
#1 Tetrachloro-m-xylene

R.T.: 2.881 min  
Delta R.T.: 0.000 min  
Response: 318755452  
Conc: 18.80 ng/ml



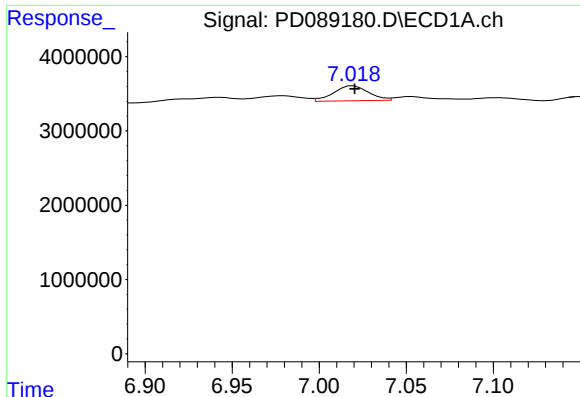
#12 4,4'-DDE

R.T.: 6.196 min  
Delta R.T.: 0.000 min  
Response: 2846885  
Conc: 0.65 ng/ml m



#12 4,4'-DDE

R.T.: 5.373 min  
Delta R.T.: -0.002 min  
Response: 23014723  
Conc: 1.00 ng/ml m



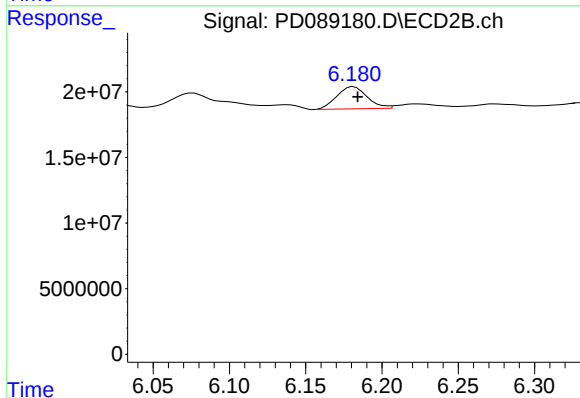
#17 4,4'-DDT

R.T.: 7.020 min  
Delta R.T.: 0.000 min  
Response: 2825142  
Conc: 0.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-74

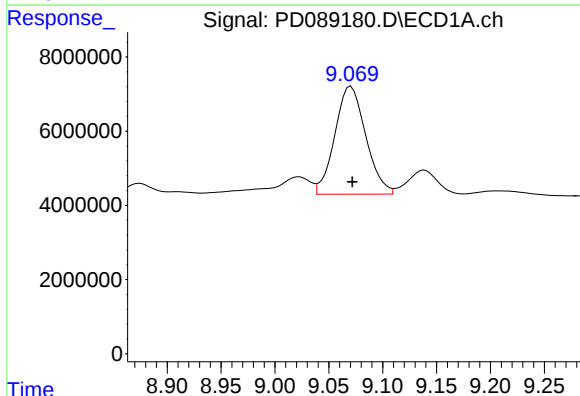
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/30/2025  
Supervised By :mohammad ahmed 07/01/2025



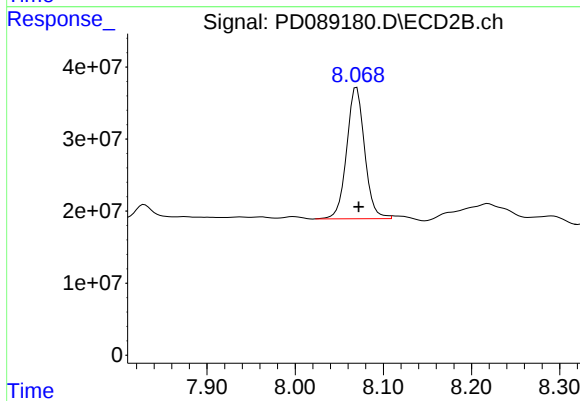
#17 4,4'-DDT

R.T.: 6.181 min  
Delta R.T.: -0.003 min  
Response: 23528243  
Conc: 1.16 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.069 min  
Delta R.T.: -0.003 min  
Response: 57825850  
Conc: 14.72 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.068 min  
Delta R.T.: -0.004 min  
Response: 258179618  
Conc: 13.06 ng/ml m

## Report of Analysis

|                    |                            |                    |                     |
|--------------------|----------------------------|--------------------|---------------------|
| Client:            | CDM Smith                  | Date Collected:    | 06/23/25            |
| Project:           | South River WM Replacement | Date Received:     | 06/24/25            |
| Client Sample ID:  | TP-73                      | SDG No.:           | Q2413               |
| Lab Sample ID:     | Q2413-05                   | Matrix:            | SOIL                |
| Analytical Method: | 8081B                      | % Solid:           | 77.1      Decanted: |
| Sample Wt/Vol:     | 30.03      Units:    g     | Final Vol:         | 10000      uL       |
| Soil Aliquot Vol:  | uL                         | Test:              | Pesticide-TCL       |
| Extraction Type:   |                            | Injection Volume : |                     |
| GPC Factor :       | 1.0      PH :              |                    |                     |
| Prep Method :      | SW3541B                    |                    |                     |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PD089183.D        | 1         | 06/26/25 08:20 | 06/27/25 11:14 | PB168623      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 319-84-6          | alpha-BHC            | 0.17  | U         | 0.17     | 2.20       | ug/kg             |
| 319-85-7          | beta-BHC             | 0.23  | U         | 0.23     | 2.20       | ug/kg             |
| 319-86-8          | delta-BHC            | 0.51  | U         | 0.51     | 2.20       | ug/kg             |
| 58-89-9           | gamma-BHC (Lindane)  | 0.18  | U         | 0.18     | 2.20       | ug/kg             |
| 76-44-8           | Heptachlor           | 0.16  | U         | 0.16     | 2.20       | ug/kg             |
| 309-00-2          | Aldrin               | 0.16  | U         | 0.16     | 2.20       | ug/kg             |
| 1024-57-3         | Heptachlor epoxide   | 0.25  | U         | 0.25     | 2.20       | ug/kg             |
| 959-98-8          | Endosulfan I         | 0.18  | U         | 0.18     | 2.20       | ug/kg             |
| 60-57-1           | Dieldrin             | 0.18  | U         | 0.18     | 2.20       | ug/kg             |
| 72-55-9           | 4,4-DDE              | 0.18  | U         | 0.18     | 2.20       | ug/kg             |
| 72-20-8           | Endrin               | 0.18  | U         | 0.18     | 2.20       | ug/kg             |
| 33213-65-9        | Endosulfan II        | 0.38  | U         | 0.38     | 2.20       | ug/kg             |
| 72-54-8           | 4,4-DDD              | 0.29  | J         | 0.19     | 2.20       | ug/kg             |
| 1031-07-8         | Endosulfan Sulfate   | 0.17  | U         | 0.17     | 2.20       | ug/kg             |
| 50-29-3           | 4,4-DDT              | 0.18  | U         | 0.18     | 2.20       | ug/kg             |
| 72-43-5           | Methoxychlor         | 0.48  | U         | 0.48     | 2.20       | ug/kg             |
| 53494-70-5        | Endrin ketone        | 0.25  | U         | 0.25     | 2.20       | ug/kg             |
| 7421-93-4         | Endrin aldehyde      | 0.48  | U         | 0.48     | 2.20       | ug/kg             |
| 5103-71-9         | alpha-Chlordane      | 0.16  | U         | 0.16     | 2.20       | ug/kg             |
| 5103-74-2         | gamma-Chlordane      | 0.19  | U         | 0.19     | 2.20       | ug/kg             |
| 8001-35-2         | Toxaphene            | 7.00  | U         | 7.00     | 42.8       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 11.9  |           | 20 - 144 | 60%        | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 19.8  |           | 19 - 148 | 99%        | SPK: 20           |

## Report of Analysis

|                    |                            |                    |                     |
|--------------------|----------------------------|--------------------|---------------------|
| Client:            | CDM Smith                  | Date Collected:    | 06/23/25            |
| Project:           | South River WM Replacement | Date Received:     | 06/24/25            |
| Client Sample ID:  | TP-73                      | SDG No.:           | Q2413               |
| Lab Sample ID:     | Q2413-05                   | Matrix:            | SOIL                |
| Analytical Method: | 8081B                      | % Solid:           | 77.1      Decanted: |
| Sample Wt/Vol:     | 30.03      Units:    g     | Final Vol:         | 10000      uL       |
| Soil Aliquot Vol:  | uL                         | Test:              | Pesticide-TCL       |
| Extraction Type:   |                            | Injection Volume : |                     |
| GPC Factor :       | 1.0      PH :              |                    |                     |
| Prep Method :      | SW3541B                    |                    |                     |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PD089183.D        | 1         | 06/26/25 08:20 | 06/27/25 11:14 | PB168623      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

### 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\_D\Data\PD062725\  
 Data File : PD089183.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Jun 2025 11:14  
 Operator : AR\AJ  
 Sample : Q2413-05  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 TP-73

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 06/30/2025  
 Supervised By :mohammad ahmed 07/01/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 28 05:36:26 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 18 05:39:05 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml    |
|-----------------------------|-----------------|-------|-------|----------|----------|--------|----------|
| -----                       |                 |       |       |          |          |        |          |
| System Monitoring Compounds |                 |       |       |          |          |        |          |
| 1)                          | SA Tetrachlo... | 3.550 | 2.880 | 41987504 | 335.8E6  | 14.716 | 19.805 # |
| 28)                         | SA Decachlor... | 9.071 | 8.070 | 46837869 | 184.5E6  | 11.925 | 9.335    |
| Target Compounds            |                 |       |       |          |          |        |          |
| 16)                         | A 4,4'-DDD      | 6.704 | 5.927 | 2318330  | 12038035 | 0.675  | 0.629m   |
| -----                       |                 |       |       |          |          |        |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062725\  
Data File : PD089183.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Jun 2025 11:14  
Operator : AR\AJ  
Sample : Q2413-05  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

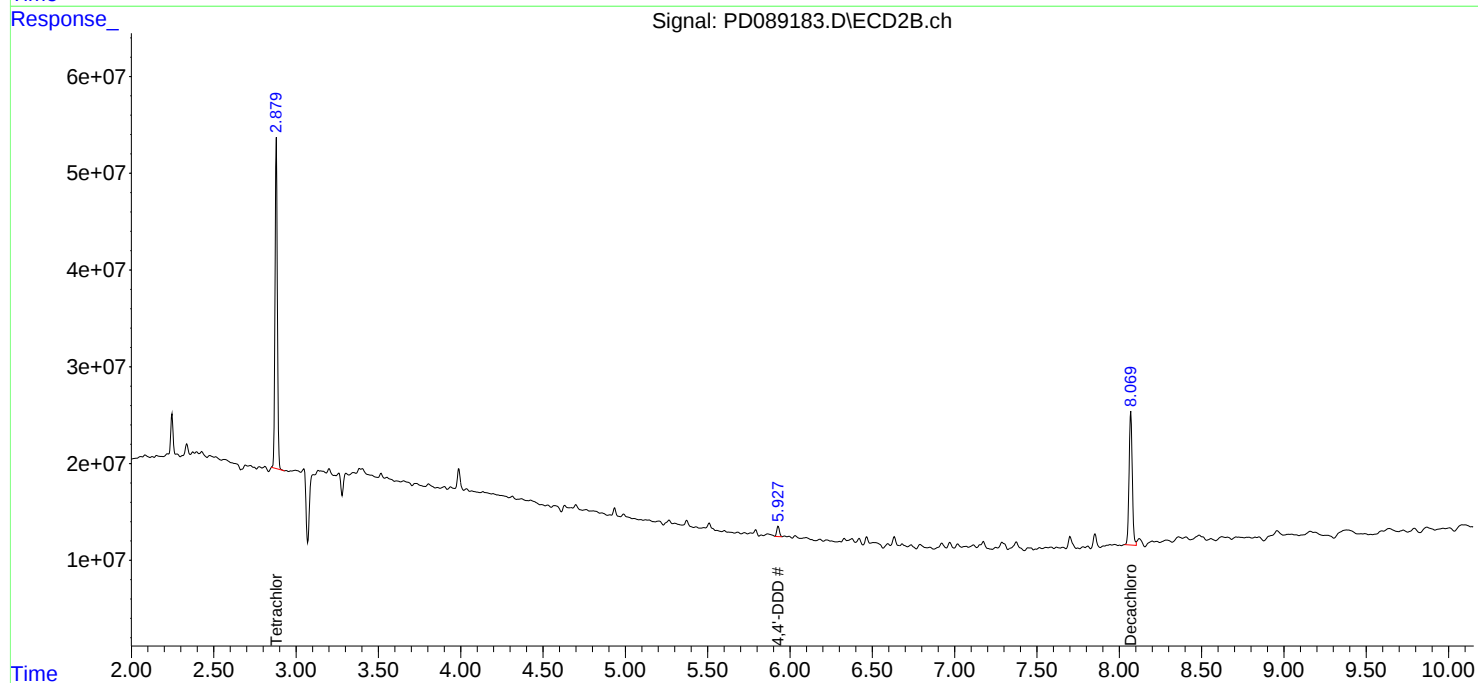
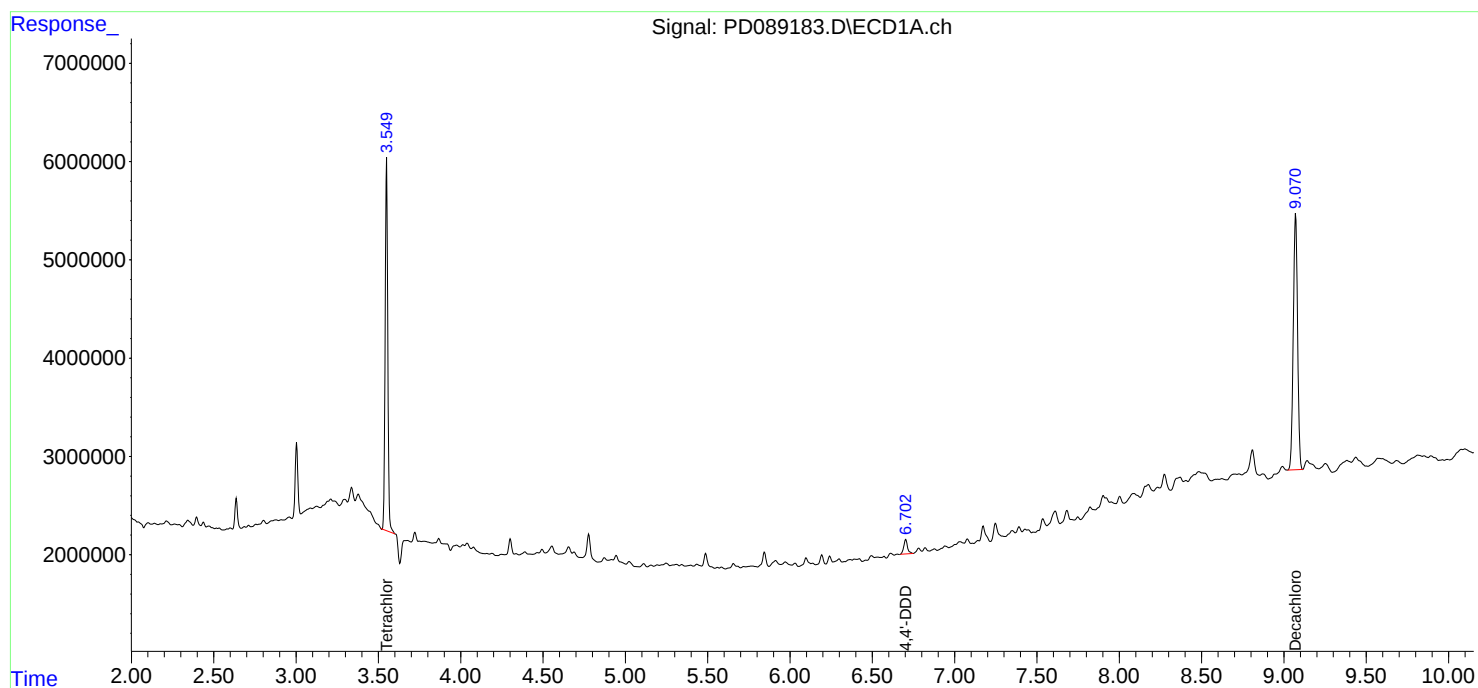
Instrument :  
ECD\_D  
ClientSampleId :  
TP-73

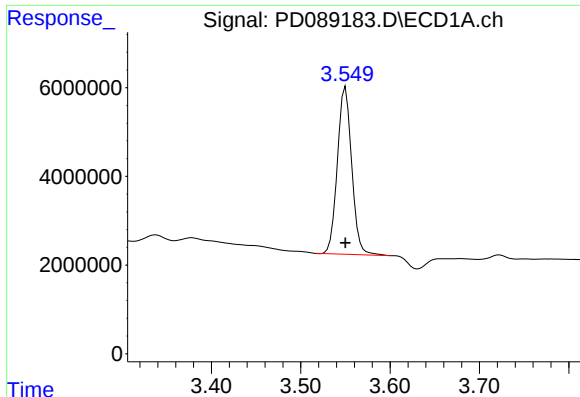
Manual Integrations  
APPROVED

Reviewed By : Abdul Mirza 06/30/2025  
Supervised By : mohammad ahmed 07/01/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 28 05:36:26 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 18 05:39:05 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





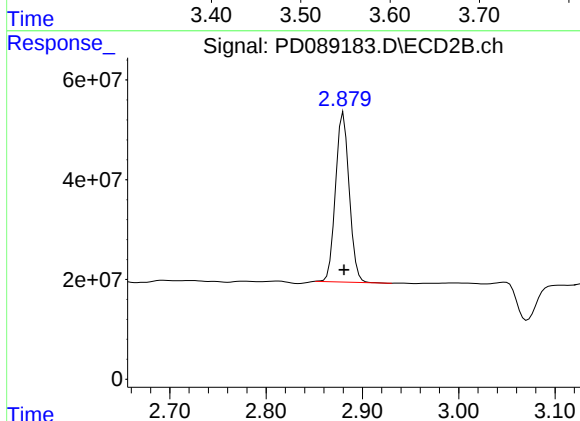
## #1 Tetrachloro-m-xylene

R.T.: 3.550 min  
Delta R.T.: 0.000 min  
Response: 41987504  
Conc: 14.72 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-73

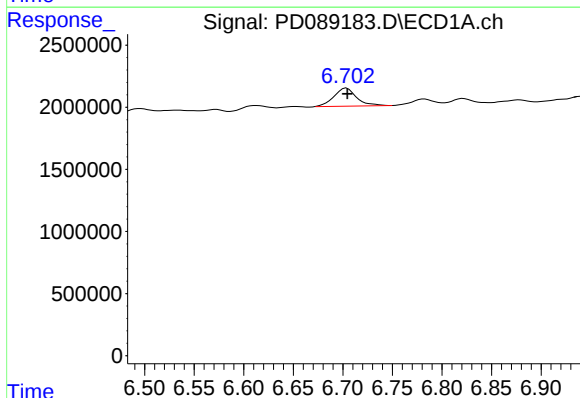
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/30/2025  
Supervised By :mohammad ahmed 07/01/2025



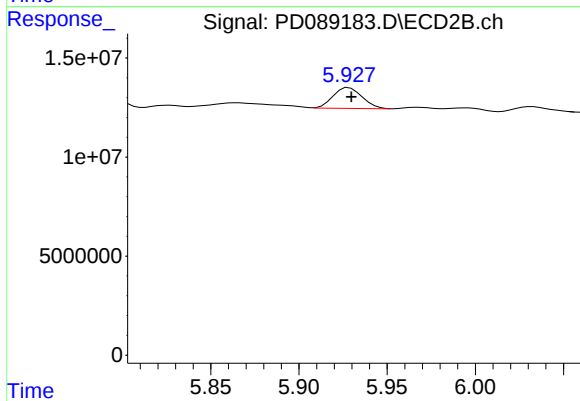
## #1 Tetrachloro-m-xylene

R.T.: 2.880 min  
Delta R.T.: 0.000 min  
Response: 335763316  
Conc: 19.81 ng/ml



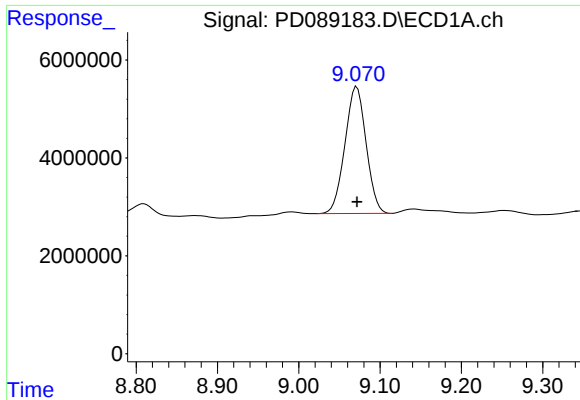
## #16 4,4'-DDD

R.T.: 6.704 min  
Delta R.T.: 0.000 min  
Response: 2318330  
Conc: 0.68 ng/ml



## #16 4,4'-DDD

R.T.: 5.927 min  
Delta R.T.: -0.003 min  
Response: 12038035  
Conc: 0.63 ng/ml m



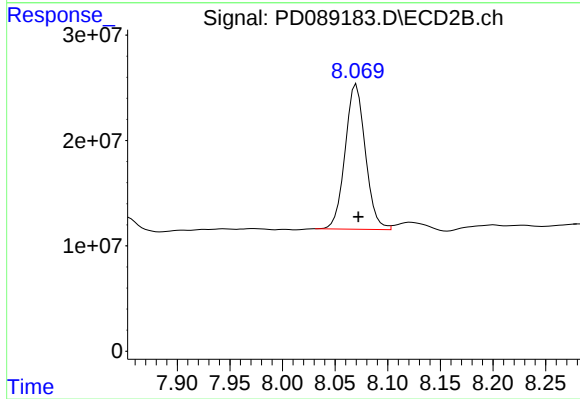
#28 Decachlorobiphenyl

R.T.: 9.071 min  
Delta R.T.: 0.000 min  
Response: 46837869  
Conc: 11.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-73

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/30/2025  
Supervised By :mohammad ahmed 07/01/2025



#28 Decachlorobiphenyl

R.T.: 8.070 min  
Delta R.T.: -0.002 min  
Response: 184549916  
Conc: 9.33 ng/ml

## Report of Analysis

|                    |                            |                    |               |
|--------------------|----------------------------|--------------------|---------------|
| Client:            | CDM Smith                  | Date Collected:    | 06/24/25      |
| Project:           | South River WM Replacement | Date Received:     | 06/24/25      |
| Client Sample ID:  | TP-72                      | SDG No.:           | Q2413         |
| Lab Sample ID:     | Q2413-06                   | Matrix:            | SOIL          |
| Analytical Method: | 8081B                      | % Solid:           | 87            |
| Sample Wt/Vol:     | 30.06                      | Units:             | g             |
| Soil Aliquot Vol:  |                            |                    | uL            |
| Extraction Type:   |                            | Test:              | Pesticide-TCL |
| GPC Factor :       | 1.0                        | Injection Volume : |               |
| Prep Method :      | SW3541B                    |                    |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PD089184.D        | 1         | 06/26/25 08:20 | 06/27/25 11:28 | PB168623      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 319-84-6          | alpha-BHC            | 0.15  | U         | 0.15     | 2.00       | ug/kg             |
| 319-85-7          | beta-BHC             | 0.21  | U         | 0.21     | 2.00       | ug/kg             |
| 319-86-8          | delta-BHC            | 0.45  | U         | 0.45     | 2.00       | ug/kg             |
| 58-89-9           | gamma-BHC (Lindane)  | 0.16  | U         | 0.16     | 2.00       | ug/kg             |
| 76-44-8           | Heptachlor           | 0.14  | U         | 0.14     | 2.00       | ug/kg             |
| 309-00-2          | Aldrin               | 0.14  | U         | 0.14     | 2.00       | ug/kg             |
| 1024-57-3         | Heptachlor epoxide   | 0.22  | U         | 0.22     | 2.00       | ug/kg             |
| 959-98-8          | Endosulfan I         | 0.16  | U         | 0.16     | 2.00       | ug/kg             |
| 60-57-1           | Dieldrin             | 0.16  | U         | 0.16     | 2.00       | ug/kg             |
| 72-55-9           | 4,4-DDE              | 0.16  | U         | 0.16     | 2.00       | ug/kg             |
| 72-20-8           | Endrin               | 0.16  | U         | 0.16     | 2.00       | ug/kg             |
| 33213-65-9        | Endosulfan II        | 0.33  | U         | 0.33     | 2.00       | ug/kg             |
| 72-54-8           | 4,4-DDD              | 0.17  | U         | 0.17     | 2.00       | ug/kg             |
| 1031-07-8         | Endosulfan Sulfate   | 0.15  | U         | 0.15     | 2.00       | ug/kg             |
| 50-29-3           | 4,4-DDT              | 0.16  | U         | 0.16     | 2.00       | ug/kg             |
| 72-43-5           | Methoxychlor         | 0.42  | U         | 0.42     | 2.00       | ug/kg             |
| 53494-70-5        | Endrin ketone        | 0.22  | U         | 0.22     | 2.00       | ug/kg             |
| 7421-93-4         | Endrin aldehyde      | 0.42  | U         | 0.42     | 2.00       | ug/kg             |
| 5103-71-9         | alpha-Chlordane      | 0.14  | U         | 0.14     | 2.00       | ug/kg             |
| 5103-74-2         | gamma-Chlordane      | 0.17  | U         | 0.17     | 2.00       | ug/kg             |
| 8001-35-2         | Toxaphene            | 6.20  | U         | 6.20     | 37.9       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 11.6  |           | 20 - 144 | 58%        | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 19.9  |           | 19 - 148 | 99%        | SPK: 20           |

## Report of Analysis

|                    |                            |                    |               |
|--------------------|----------------------------|--------------------|---------------|
| Client:            | CDM Smith                  | Date Collected:    | 06/24/25      |
| Project:           | South River WM Replacement | Date Received:     | 06/24/25      |
| Client Sample ID:  | TP-72                      | SDG No.:           | Q2413         |
| Lab Sample ID:     | Q2413-06                   | Matrix:            | SOIL          |
| Analytical Method: | 8081B                      | % Solid:           | 87            |
| Sample Wt/Vol:     | 30.06                      | Units:             | g             |
| Soil Aliquot Vol:  |                            |                    | uL            |
| Extraction Type:   |                            | Test:              | Pesticide-TCL |
| GPC Factor :       | 1.0                        | Injection Volume : |               |
| Prep Method :      | SW3541B                    |                    |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PD089184.D        | 1         | 06/26/25 08:20 | 06/27/25 11:28 | PB168623      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

### 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\_D\Data\PD062725\  
 Data File : PD089184.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Jun 2025 11:28  
 Operator : AR\AJ  
 Sample : Q2413-06  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 TP-72

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 28 05:36:37 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 18 05:39:05 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2  | ng/ml  | ng/ml  |
|-----------------------------|-----------------|-------|-------|----------|---------|--------|--------|
| -----                       |                 |       |       |          |         |        |        |
| System Monitoring Compounds |                 |       |       |          |         |        |        |
| 1)                          | SA Tetrachlo... | 3.550 | 2.881 | 51240077 | 336.6E6 | 17.959 | 19.854 |
| 28)                         | SA Decachlor... | 9.071 | 8.070 | 45481356 | 196.4E6 | 11.580 | 9.936  |

Target Compounds

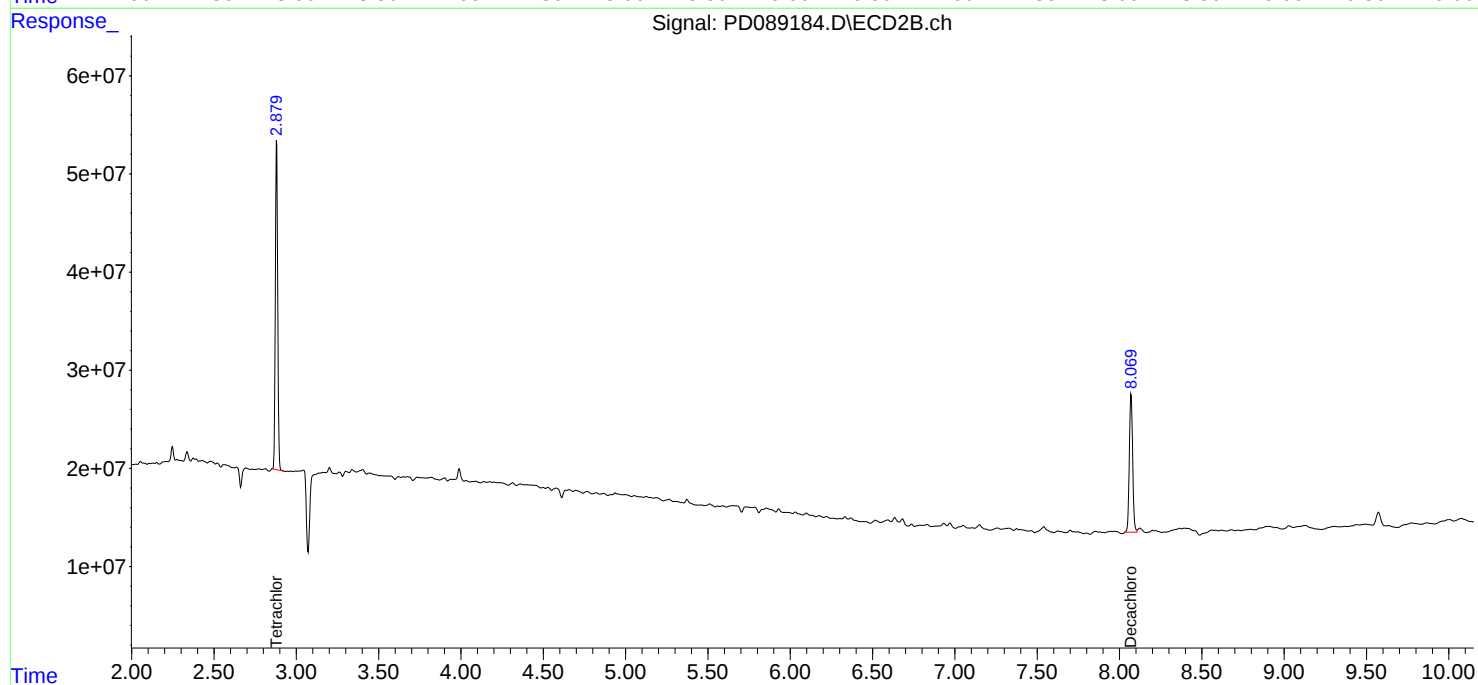
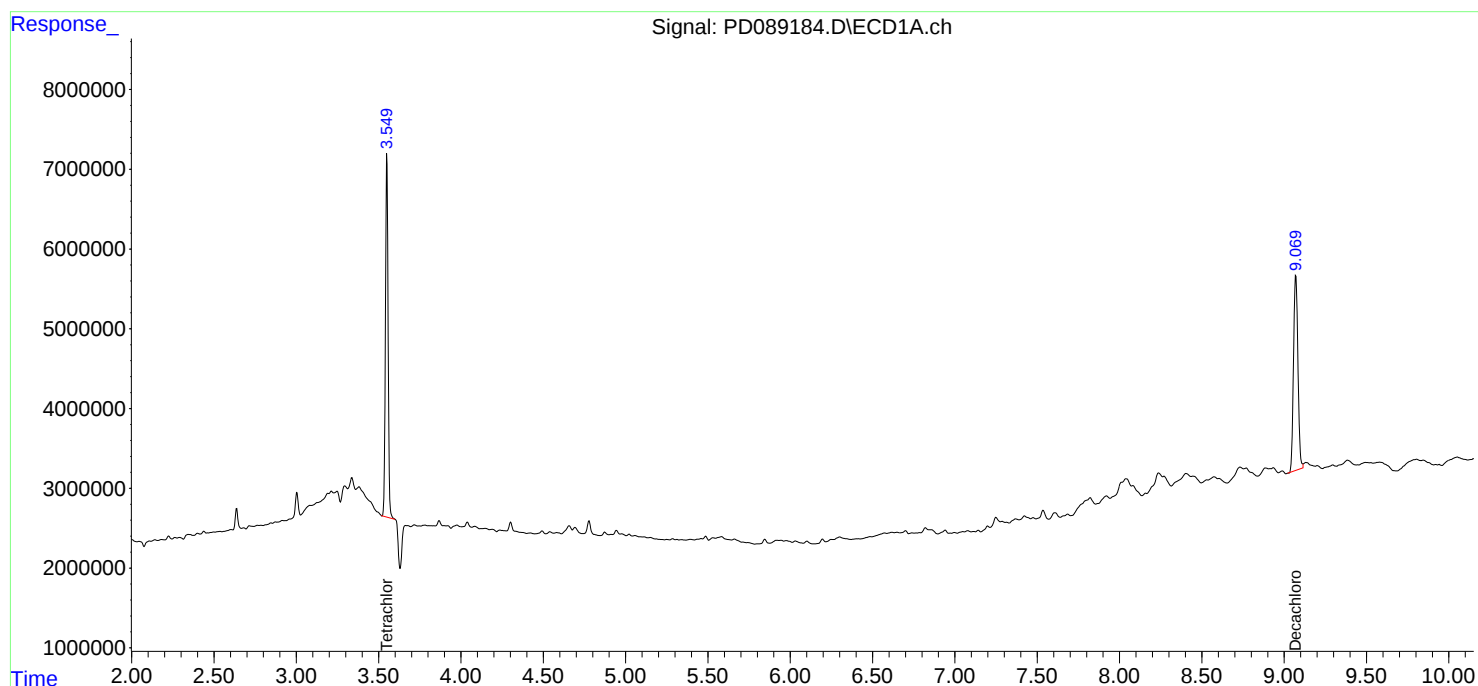
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

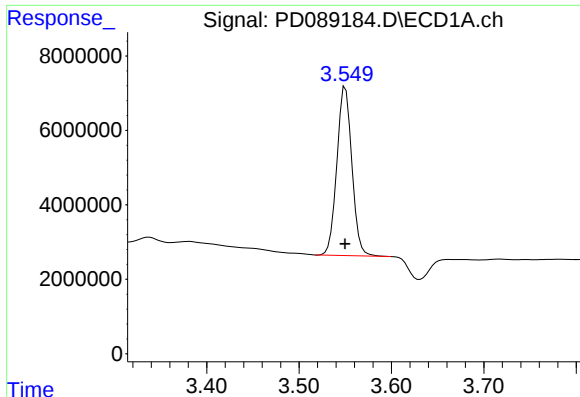
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062725\  
Data File : PD089184.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Jun 2025 11:28  
Operator : AR\AJ  
Sample : Q2413-06  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
TP-72

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 28 05:36:37 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 18 05:39:05 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

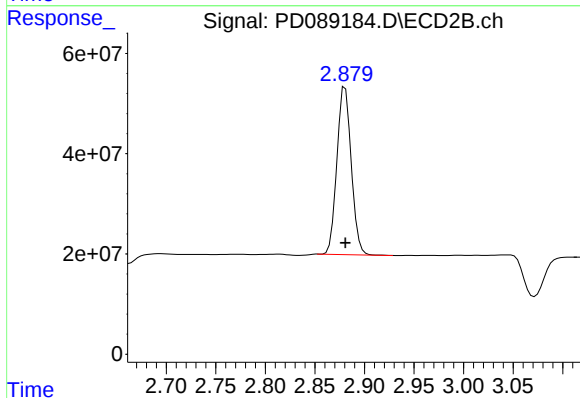




## #1 Tetrachloro-m-xylene

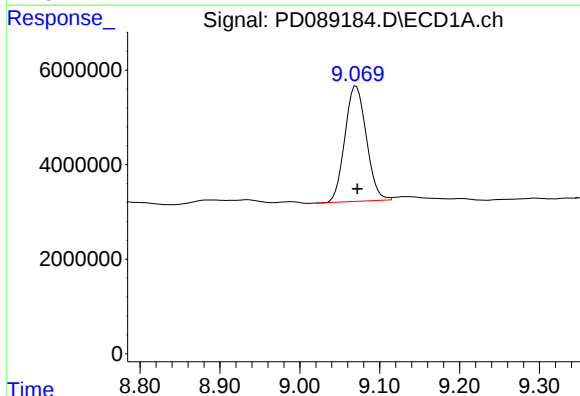
R.T.: 3.550 min  
Delta R.T.: 0.000 min  
Response: 51240077  
Conc: 17.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-72



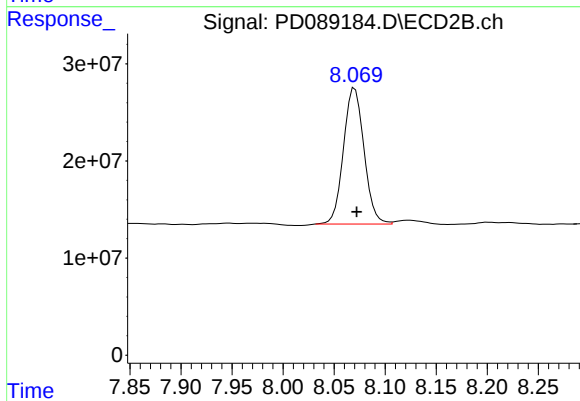
## #1 Tetrachloro-m-xylene

R.T.: 2.881 min  
Delta R.T.: 0.000 min  
Response: 336585817  
Conc: 19.85 ng/ml



## #28 Decachlorobiphenyl

R.T.: 9.071 min  
Delta R.T.: -0.001 min  
Response: 45481356  
Conc: 11.58 ng/ml



## #28 Decachlorobiphenyl

R.T.: 8.070 min  
Delta R.T.: -0.002 min  
Response: 196442452  
Conc: 9.94 ng/ml



# CALIBRATION SUMMARY

**Calibration Times:** 15:52 16:47

|              |          |                   |          |                   |
|--------------|----------|-------------------|----------|-------------------|
| LAB FILE ID: | RT 100 = | <u>PD088993.D</u> | RT 075 = | <u>PD088994.D</u> |
|              | RT 050 = | PD088995.D        | RT 025 = | PD088996.D        |
|              |          |                   | RT 005 = | PD088997.D        |

[illegible]

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

[illegible]

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

**Contract:** CAMP02  
**Lab Code:** CHEM **Case No.:** Q2413 **SAS No.:** Q2413 **SDG NO.:** Q2413  
**Instrument ID:** ECD\_D  
**Calibration Date(s):** 06/17/2025 06/17/2025  
**Calibration Times:** 15:52 16:47

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

| <b>LAB FILE ID:</b>               |            | <b>CF 100 =</b> <u>PD088993.D</u> |            | <b>CF 075 =</b> <u>PD088994.D</u> |            |            |       |
|-----------------------------------|------------|-----------------------------------|------------|-----------------------------------|------------|------------|-------|
| <b>CF 050 =</b> <u>PD088995.D</u> |            | <b>CF 025 =</b> <u>PD088996.D</u> |            | <b>CF 005 =</b> <u>PD088997.D</u> |            |            |       |
| COMPOUND                          | CF 100     | CF 075                            | CF 050     | CF 025                            | CF 005     | CF         | % RSD |
| 4,4'-DDD                          | 3557450000 | 3439230000                        | 3414120000 | 3228670000                        | 3520780000 | 3432050000 | 4     |
| 4,4'-DDE                          | 4564130000 | 4401240000                        | 4312380000 | 4092310000                        | 4435110000 | 4361030000 | 4     |
| 4,4'-DDT                          | 3928430000 | 3802000000                        | 3763430000 | 3580670000                        | 3866490000 | 3788210000 | 3     |
| Aldrin                            | 5504150000 | 5312640000                        | 5254800000 | 4989300000                        | 5504000000 | 5312980000 | 4     |
| alpha-BHC                         | 6295370000 | 6031790000                        | 5874750000 | 5417910000                        | 5525530000 | 5829070000 | 6     |
| alpha-Chlordane                   | 4885060000 | 4758900000                        | 4734630000 | 4584390000                        | 5229700000 | 4838540000 | 5     |
| beta-BHC                          | 2136750000 | 2100860000                        | 2137680000 | 2144670000                        | 2515730000 | 2207140000 | 8     |
| Decachlorobiphenyl                | 3598890000 | 3628150000                        | 3773200000 | 3897960000                        | 4739940000 | 3927630000 | 12    |
| delta-BHC                         | 5546280000 | 5292010000                        | 5182350000 | 4751190000                        | 4892690000 | 5132900000 | 6     |
| Dieldrin                          | 4933650000 | 4797080000                        | 4750270000 | 4527510000                        | 4978810000 | 4797470000 | 4     |
| Endosulfan I                      | 4511200000 | 4405770000                        | 4412600000 | 4289200000                        | 4918470000 | 4507450000 | 5     |
| Endosulfan II                     | 3829260000 | 3982180000                        | 4002080000 | 3816490000                        | 4553000000 | 4036600000 | 7     |
| Endosulfan sulfate                | 3786900000 | 3718160000                        | 3741600000 | 3667440000                        | 4271990000 | 3837220000 | 6     |
| Endrin                            | 4238140000 | 4109540000                        | 4096430000 | 3878120000                        | 4305700000 | 4125590000 | 4     |
| Endrin aldehyde                   | 2964260000 | 2935670000                        | 2964230000 | 2966830000                        | 3488720000 | 3063940000 | 8     |
| Endrin ketone                     | 4050100000 | 3970810000                        | 4004900000 | 3895960000                        | 4443590000 | 4073070000 | 5     |
| gamma-BHC (Lindane)               | 5900830000 | 5686510000                        | 5566590000 | 5221690000                        | 5532800000 | 5581680000 | 4     |
| gamma-Chlordane                   | 4869330000 | 4801300000                        | 4716110000 | 4508810000                        | 5045020000 | 4788110000 | 4     |
| Heptachlor                        | 5621840000 | 5429540000                        | 5358570000 | 5116310000                        | 5733550000 | 5451960000 | 4     |
| Heptachlor epoxide                | 4794850000 | 4673610000                        | 4749650000 | 4554690000                        | 5346870000 | 4823940000 | 6     |
| Methoxychlor                      | 1926110000 | 1918890000                        | 1971480000 | 1982080000                        | 2304580000 | 2020630000 | 8     |
| Tetrachloro-m-xylene              | 2812300000 | 2762040000                        | 2767280000 | 2751820000                        | 3172230000 | 2853130000 | 6     |

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

**Contract:** CAMP02  
**Lab Code:** CHEM **Case No.:** Q2413 **SAS No.:** Q2413 **SDG NO.:** Q2413  
**Instrument ID:** ECD\_D  
**Calibration Date(s):** 06/17/2025 06/17/2025  
**Calibration Times:** 15:52 16:47

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

| <b>LAB FILE ID:</b>               |             | <b>CF 100 =</b> <u>PD088993.D</u> |             | <b>CF 075 =</b> <u>PD088994.D</u> |             |             |       |
|-----------------------------------|-------------|-----------------------------------|-------------|-----------------------------------|-------------|-------------|-------|
| <b>CF 050 =</b> <u>PD088995.D</u> |             | <b>CF 025 =</b> <u>PD088996.D</u> |             | <b>CF 005 =</b> <u>PD088997.D</u> |             |             |       |
| COMPOUND                          | CF 100      | CF 075                            | CF 050      | CF 025                            | CF 005      | CF          | % RSD |
| 4,4'-DDD                          | 17754100000 | 17899700000                       | 18191100000 | 18805800000                       | 22996200000 | 19129400000 | 11    |
| 4,4'-DDE                          | 21343500000 | 21440200000                       | 21823600000 | 22564100000                       | 27409000000 | 22916100000 | 11    |
| 4,4'-DDT                          | 19391000000 | 19327800000                       | 19594100000 | 20005200000                       | 23078500000 | 20279300000 | 8     |
| Aldrin                            | 22719200000 | 22747700000                       | 23159400000 | 23852800000                       | 28607200000 | 24217300000 | 10    |
| alpha-BHC                         | 25649000000 | 25438700000                       | 25849200000 | 26153100000                       | 30895500000 | 26797100000 | 9     |
| alpha-Chlordane                   | 21191300000 | 21145300000                       | 21570900000 | 22517200000                       | 28059300000 | 22896800000 | 13    |
| beta-BHC                          | 9903630000  | 9918550000                        | 10198200000 | 10624100000                       | 13086800000 | 10746200000 | 12    |
| Decachlorobiphenyl                | 17946500000 | 17939700000                       | 18428600000 | 19427500000                       | 25107500000 | 19770000000 | 15    |
| delta-BHC                         | 23614400000 | 23533700000                       | 23918700000 | 24298300000                       | 29003000000 | 24873600000 | 9     |
| Dieldrin                          | 21438700000 | 21622000000                       | 22120600000 | 22941800000                       | 27919200000 | 23208500000 | 12    |
| Endosulfan I                      | 19170300000 | 19201000000                       | 19315500000 | 20752900000                       | 25772600000 | 20842500000 | 14    |
| Endosulfan II                     | 18473200000 | 18573800000                       | 19087100000 | 20002300000                       | 24846800000 | 20196600000 | 13    |
| Endosulfan sulfate                | 17925600000 | 18043500000                       | 18492500000 | 19409200000                       | 24234500000 | 19621100000 | 13    |
| Endrin                            | 20535400000 | 19906600000                       | 20644700000 | 21276500000                       | 26206500000 | 21713900000 | 12    |
| Endrin aldehyde                   | 13773600000 | 13920200000                       | 14379400000 | 15195500000                       | 19287900000 | 15311300000 | 15    |
| Endrin ketone                     | 19587400000 | 19824900000                       | 20446500000 | 21535300000                       | 26614600000 | 21601700000 | 13    |
| gamma-BHC (Lindane)               | 23622800000 | 23442000000                       | 23749900000 | 24221500000                       | 28748400000 | 24756900000 | 9     |
| gamma-Chlordane                   | 22229100000 | 22022500000                       | 22519500000 | 23493700000                       | 29348800000 | 23922700000 | 13    |
| Heptachlor                        | 23291600000 | 23365200000                       | 23922200000 | 24716000000                       | 29896800000 | 25038400000 | 11    |
| Heptachlor epoxide                | 20080600000 | 20251900000                       | 20827300000 | 21695300000                       | 26635200000 | 21898100000 | 12    |
| Methoxychlor                      | 9712450000  | 9897880000                        | 10259100000 | 10830900000                       | 13140100000 | 10768100000 | 13    |
| Tetrachloro-m-xylene              | 15879800000 | 15866400000                       | 15978000000 | 16730900000                       | 20310700000 | 16953200000 | 11    |



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

# INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413 SAS No.: Q2413 SDG NO.: Q2413

Instrument ID: ECD\_D Date(s) Analyzed: 06/17/2025 06/17/2025

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

| COMPOUND  | AMOUNT<br>(ng) | PEAK | RT   | RT WINDOW |      | CALIBRATION<br>FACTOR |
|-----------|----------------|------|------|-----------|------|-----------------------|
|           |                |      |      | FROM      | TO   |                       |
| Toxaphene | 500            | 1    | 6.24 | 6.14      | 6.34 | 33601800              |
|           |                | 2    | 6.44 | 6.34      | 6.54 | 47528600              |
|           |                | 3    | 7.15 | 7.05      | 7.25 | 87292700              |
|           |                | 4    | 7.56 | 7.46      | 7.66 | 111357000             |
|           |                | 5    | 7.93 | 7.83      | 8.03 | 63112600              |



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

# INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413 SAS No.: Q2413 SDG NO.: Q2413

Instrument ID: ECD\_D Date(s) Analyzed: 06/17/2025 06/17/2025

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

| COMPOUND  | AMOUNT<br>(ng) | PEAK | RT   | RT WINDOW |      | CALIBRATION<br>FACTOR |
|-----------|----------------|------|------|-----------|------|-----------------------|
|           |                |      |      | FROM      | TO   |                       |
| Toxaphene | 500            | 1    | 5.47 | 5.37      | 5.57 | 158160000             |
|           |                | 2    | 5.65 | 5.55      | 5.75 | 108820000             |
|           |                | 3    | 6.76 | 6.66      | 6.86 | 511856000             |
|           |                | 4    | 7.20 | 7.10      | 7.30 | 350145000             |
|           |                | 5    | 7.33 | 7.23      | 7.43 | 253920000             |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061825\  
 Data File : PD088993.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Jun 2025 15:52  
 Operator : AR\AJ  
 Sample : PSTDICC100  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDICC100

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 18 05:22:36 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 18 05:21:59 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml   | ng/ml  |
|-----------------------------|-----------------|-------|-------|---------|----------|---------|--------|
| -----                       |                 |       |       |         |          |         |        |
| System Monitoring Compounds |                 |       |       |         |          |         |        |
| 1)                          | SA Tetrachlo... | 3.550 | 2.881 | 281.2E6 | 1588.0E6 | 101.627 | 99.386 |
| 28)                         | SA Decachlor... | 9.072 | 8.072 | 359.9E6 | 1794.6E6 | 95.380  | 97.384 |
| Target Compounds            |                 |       |       |         |          |         |        |
| 2)                          | A alpha-BHC     | 3.999 | 3.393 | 629.5E6 | 2564.9E6 | 107.160 | 99.226 |
| 3)                          | MA gamma-BHC... | 4.330 | 3.729 | 590.1E6 | 2362.3E6 | 106.005 | 99.465 |
| 4)                          | MA Heptachlor   | 4.929 | 4.083 | 562.2E6 | 2329.2E6 | 104.913 | 97.364 |
| 5)                          | MB Aldrin       | 5.271 | 4.369 | 550.4E6 | 2271.9E6 | 104.745 | 98.099 |
| 6)                          | B beta-BHC      | 4.515 | 4.025 | 213.7E6 | 990.4E6  | 99.957  | 97.111 |
| 7)                          | B delta-BHC     | 4.764 | 4.262 | 554.6E6 | 2361.4E6 | 107.022 | 98.728 |
| 8)                          | B Heptachlo...  | 5.691 | 4.873 | 479.5E6 | 2008.1E6 | 100.952 | 96.415 |
| 9)                          | A Endosulfan I  | 6.074 | 5.247 | 451.1E6 | 1917.0E6 | 102.235 | 99.248 |
| 10)                         | B gamma-Chl...  | 5.946 | 5.126 | 486.9E6 | 2222.9E6 | 103.249 | 98.710 |
| 11)                         | B alpha-Chl...  | 6.027 | 5.191 | 488.5E6 | 2119.1E6 | 103.177 | 98.241 |
| 12)                         | B 4,4'-DDE      | 6.195 | 5.375 | 456.4E6 | 2134.3E6 | 105.838 | 97.800 |
| 13)                         | MA Dieldrin     | 6.347 | 5.513 | 493.4E6 | 2143.9E6 | 103.861 | 96.917 |
| 14)                         | MA Endrin       | 6.574 | 5.789 | 423.8E6 | 2053.5E6 | 103.459 | 99.471 |
| 15)                         | B Endosulfa...  | 6.786 | 6.081 | 382.9E6 | 1847.3E6 | 95.682  | 96.784 |
| 16)                         | A 4,4'-DDD      | 6.705 | 5.930 | 355.7E6 | 1775.4E6 | 104.198 | 97.597 |
| 17)                         | MA 4,4'-DDT     | 7.020 | 6.184 | 392.8E6 | 1939.1E6 | 104.384 | 98.963 |
| 18)                         | B Endrin al...  | 6.915 | 6.259 | 296.4E6 | 1377.4E6 | 100.001 | 95.787 |
| 19)                         | B Endosulfa...  | 7.148 | 6.482 | 378.7E6 | 1792.6E6 | 101.211 | 96.935 |
| 20)                         | A Methoxychlor  | 7.493 | 6.755 | 192.6E6 | 971.2E6  | 97.699  | 94.672 |
| 21)                         | B Endrin ke...  | 7.629 | 6.992 | 405.0E6 | 1958.7E6 | 101.129 | 95.798 |
| 22)                         | Mirex           | 8.113 | 7.186 | 280.1E6 | 1495.3E6 | 96.467  | 95.966 |
| -----                       |                 |       |       |         |          |         |        |

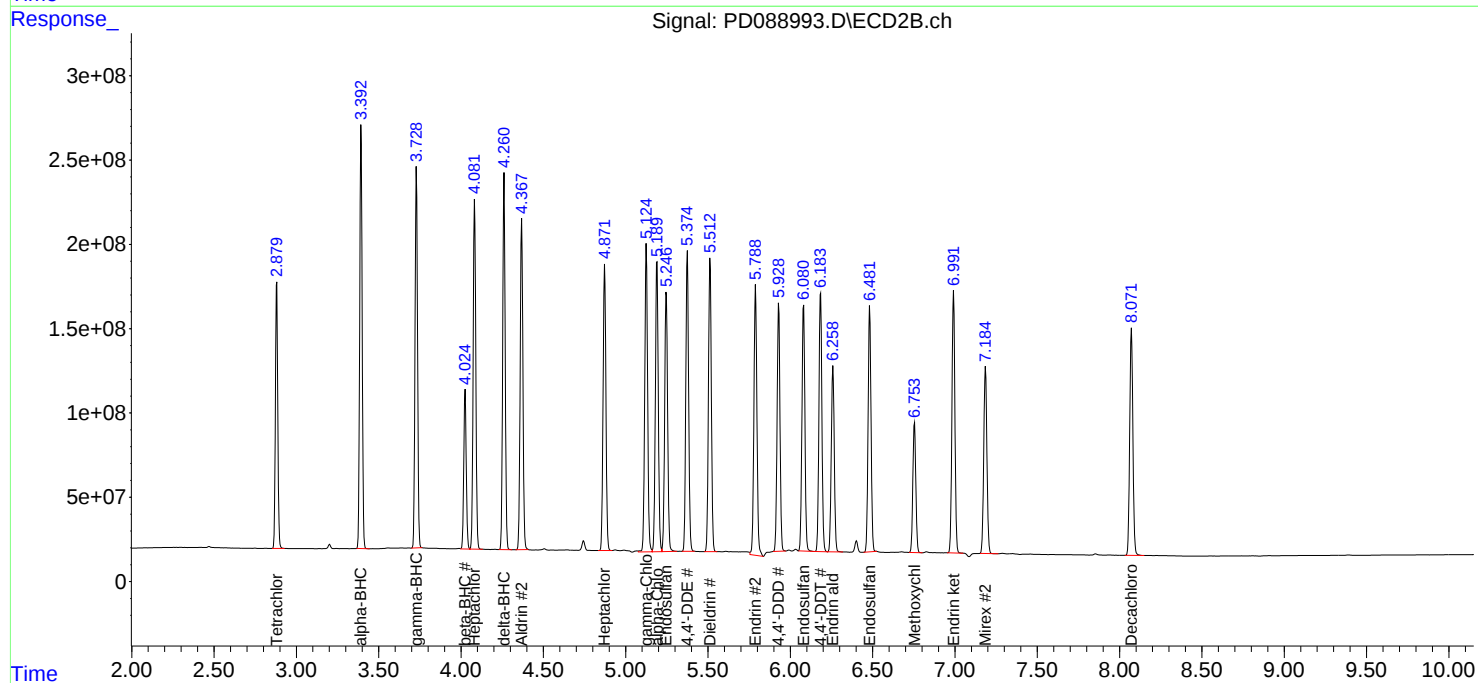
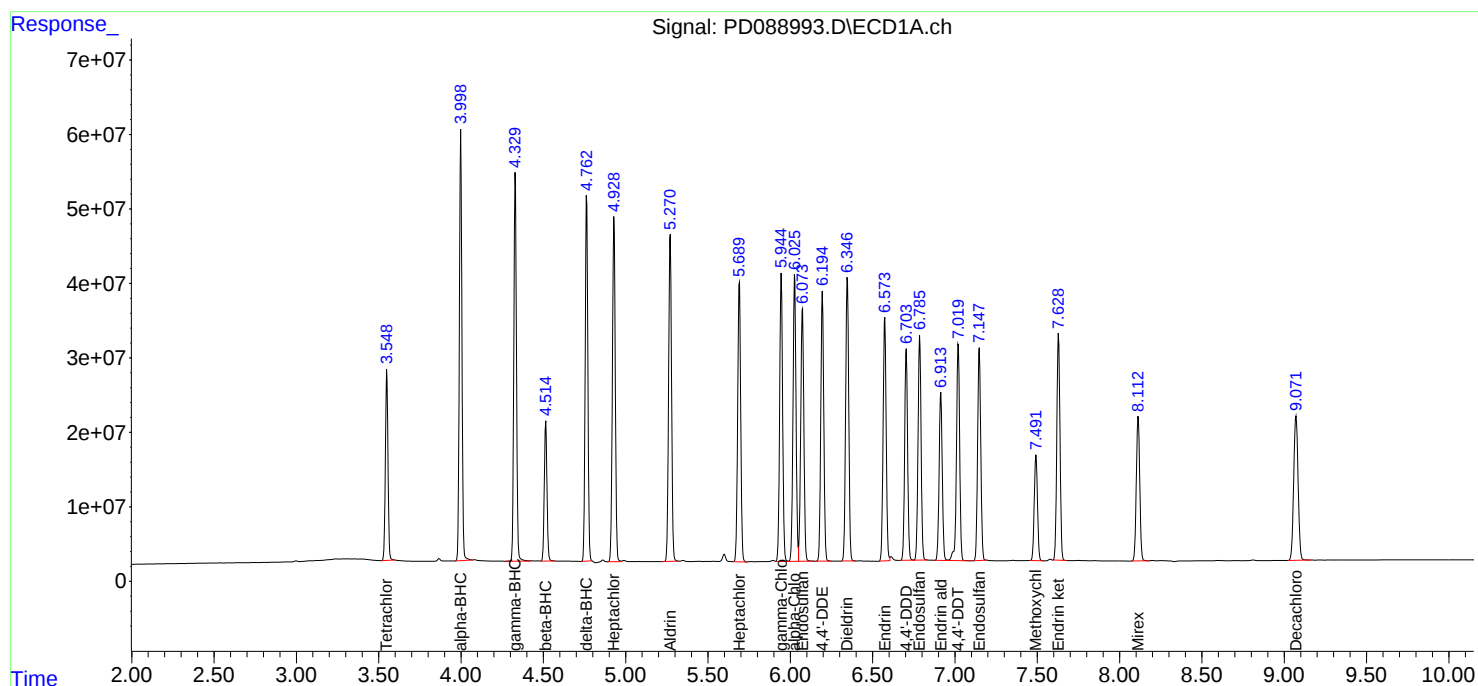
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061825\  
Data File : PD088993.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Jun 2025 15:52  
Operator : AR\AJ  
Sample : PSTDICC100  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC100

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 18 05:22:36 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 18 05:21:59 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061825\  
 Data File : PD088994.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Jun 2025 16:06  
 Operator : AR\AJ  
 Sample : PSTDICC075  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDICC075

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 18 05:22:55 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 18 05:21:59 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1  | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-----------------|-------|-------|---------|----------|--------|--------|
| -----                       |                 |       |       |         |          |        |        |
| System Monitoring Compounds |                 |       |       |         |          |        |        |
| 1)                          | SA Tetrachlo... | 3.549 | 2.880 | 207.2E6 | 1190.0E6 | 74.858 | 74.476 |
| 2)                          | SA Decachlor... | 9.072 | 8.072 | 272.1E6 | 1345.5E6 | 72.117 | 73.010 |
| Target Compounds            |                 |       |       |         |          |        |        |
| 2)                          | A alpha-BHC     | 3.999 | 3.393 | 452.4E6 | 1907.9E6 | 77.005 | 73.809 |
| 3)                          | MA gamma-BHC... | 4.330 | 3.729 | 426.5E6 | 1758.1E6 | 76.616 | 74.028 |
| 4)                          | MA Heptachlor   | 4.929 | 4.082 | 407.2E6 | 1752.4E6 | 75.993 | 73.254 |
| 5)                          | MB Aldrin       | 5.271 | 4.369 | 398.4E6 | 1706.1E6 | 75.826 | 73.667 |
| 6)                          | B beta-BHC      | 4.515 | 4.025 | 157.6E6 | 743.9E6  | 73.708 | 72.943 |
| 7)                          | B delta-BHC     | 4.764 | 4.262 | 396.9E6 | 1765.0E6 | 76.587 | 73.793 |
| 8)                          | B Heptachlo...  | 5.690 | 4.872 | 350.5E6 | 1518.9E6 | 73.799 | 72.928 |
| 9)                          | A Endosulfan I  | 6.074 | 5.247 | 330.4E6 | 1440.1E6 | 74.884 | 74.556 |
| 10)                         | B gamma-Chl...  | 5.945 | 5.125 | 360.1E6 | 1651.7E6 | 76.355 | 73.345 |
| 11)                         | B alpha-Chl...  | 6.026 | 5.190 | 356.9E6 | 1585.9E6 | 75.384 | 73.520 |
| 12)                         | B 4,4'-DDE      | 6.195 | 5.375 | 330.1E6 | 1608.0E6 | 76.545 | 73.682 |
| 13)                         | MA Dieldrin     | 6.346 | 5.513 | 359.8E6 | 1621.7E6 | 75.739 | 73.309 |
| 14)                         | MA Endrin       | 6.574 | 5.789 | 308.2E6 | 1493.0E6 | 75.240 | 72.319 |
| 15)                         | B Endosulfa...  | 6.785 | 6.080 | 298.7E6 | 1393.0E6 | 74.627 | 72.983 |
| 16)                         | A 4,4'-DDD      | 6.704 | 5.929 | 257.9E6 | 1342.5E6 | 75.552 | 73.799 |
| 17)                         | MA 4,4'-DDT     | 7.020 | 6.183 | 285.1E6 | 1449.6E6 | 75.769 | 73.981 |
| 18)                         | B Endrin al...  | 6.914 | 6.259 | 220.2E6 | 1044.0E6 | 74.277 | 72.605 |
| 19)                         | B Endosulfa...  | 7.149 | 6.482 | 278.9E6 | 1353.3E6 | 74.530 | 73.179 |
| 20)                         | A Methoxychlor  | 7.493 | 6.754 | 143.9E6 | 742.3E6  | 73.000 | 72.360 |
| 21)                         | B Endrin ke...  | 7.629 | 6.991 | 297.8E6 | 1486.9E6 | 74.361 | 72.720 |
| 22)                         | Mirex           | 8.113 | 7.185 | 210.7E6 | 1130.6E6 | 72.582 | 72.559 |
| -----                       |                 |       |       |         |          |        |        |

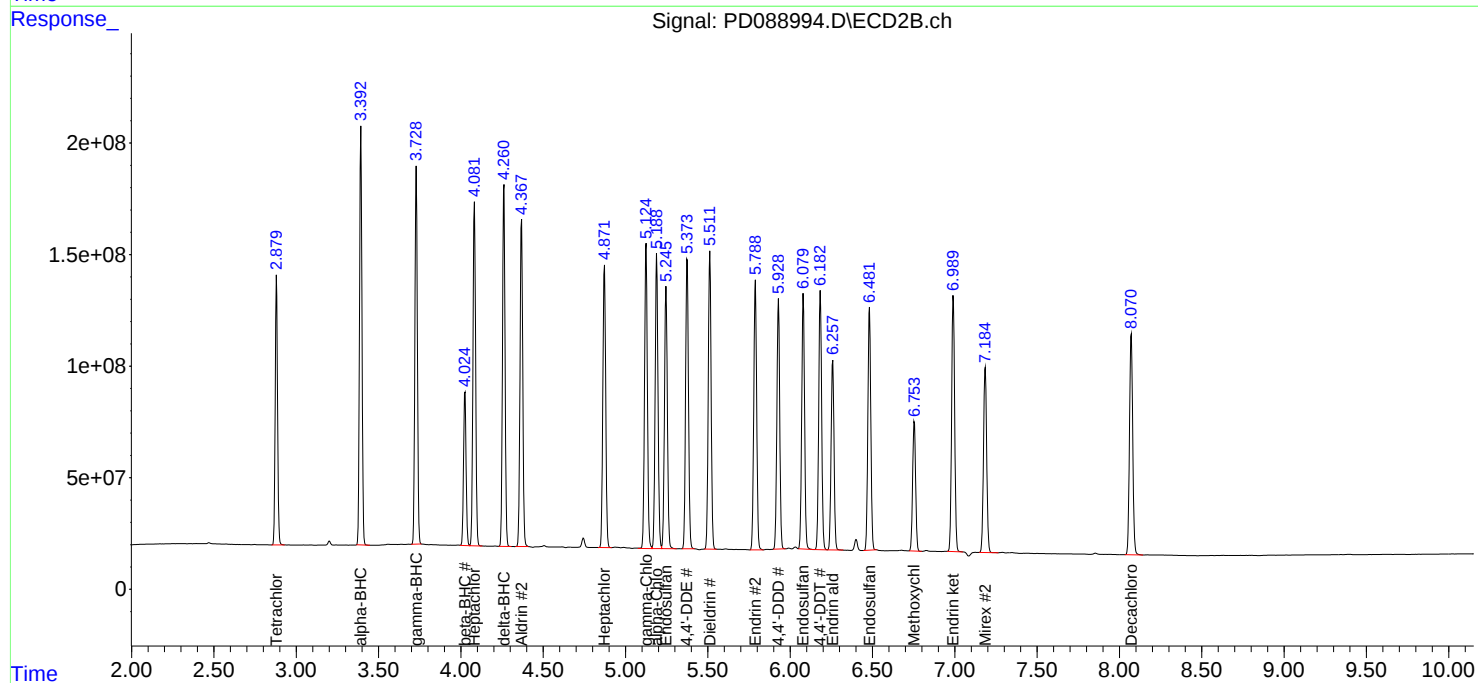
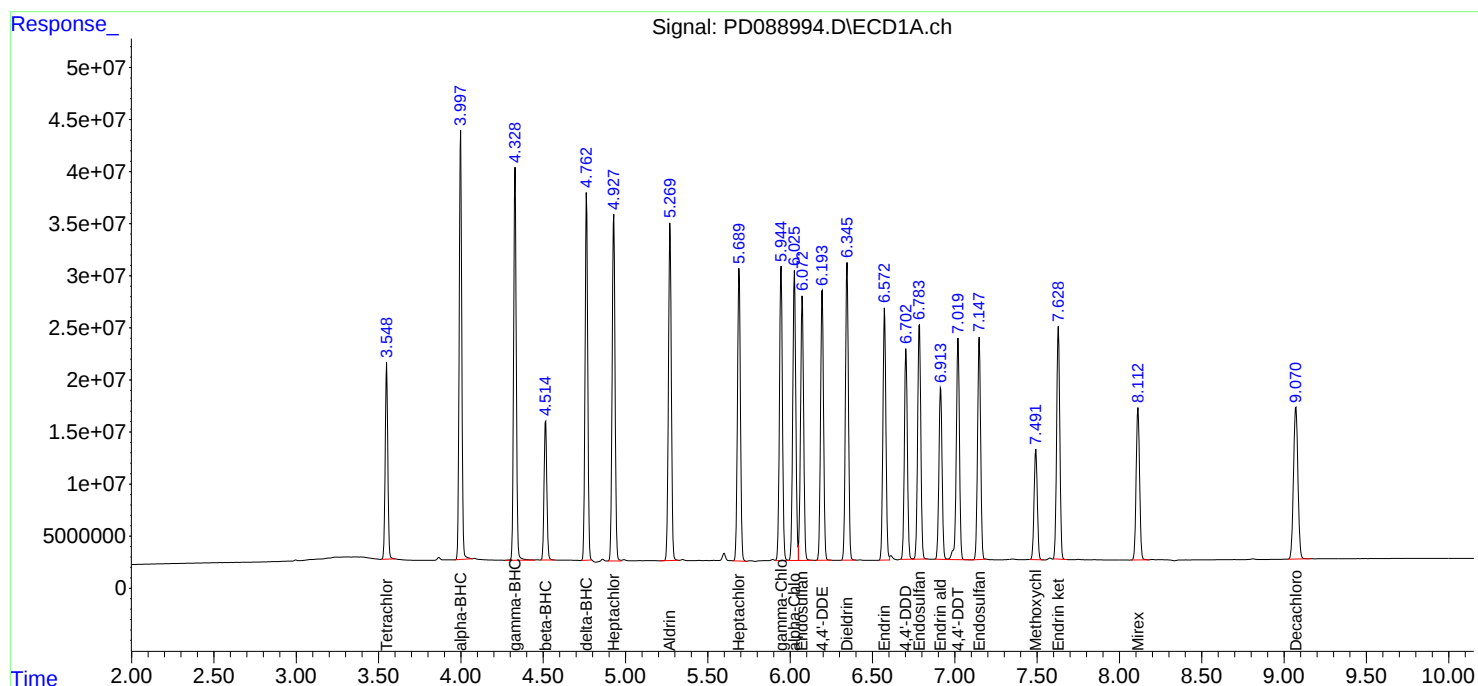
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061825\  
Data File : PD088994.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Jun 2025 16:06  
Operator : AR\AJ  
Sample : PSTDICC075  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC075

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 18 05:22:55 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 18 05:21:59 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061825\  
 Data File : PD088995.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Jun 2025 16:20  
 Operator : AR\AJ  
 Sample : PSTDICC050  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDICC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 18 05:23:15 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 18 05:21:59 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-----------------|-------|-------|----------|----------|--------|--------|
| -----                       |                 |       |       |          |          |        |        |
| System Monitoring Compounds |                 |       |       |          |          |        |        |
| 1)                          | SA Tetrachlo... | 3.550 | 2.880 | 138.4E6  | 798.9E6  | 50.000 | 50.000 |
| 28)                         | SA Decachlor... | 9.072 | 8.072 | 188.7E6  | 921.4E6  | 50.000 | 50.000 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.999 | 3.393 | 293.7E6  | 1292.5E6 | 50.000 | 50.000 |
| 3)                          | MA gamma-BHC... | 4.330 | 3.730 | 278.3E6  | 1187.5E6 | 50.000 | 50.000 |
| 4)                          | MA Heptachlor   | 4.929 | 4.083 | 267.9E6  | 1196.1E6 | 50.000 | 50.000 |
| 5)                          | MB Aldrin       | 5.271 | 4.369 | 262.7E6  | 1158.0E6 | 50.000 | 50.000 |
| 6)                          | B beta-BHC      | 4.515 | 4.026 | 106.9E6  | 509.9E6  | 50.000 | 50.000 |
| 7)                          | B delta-BHC     | 4.764 | 4.262 | 259.1E6  | 1195.9E6 | 50.000 | 50.000 |
| 8)                          | B Heptachlo...  | 5.691 | 4.873 | 237.5E6  | 1041.4E6 | 50.000 | 50.000 |
| 9)                          | A Endosulfan I  | 6.075 | 5.247 | 220.6E6  | 965.8E6  | 50.000 | 50.000 |
| 10)                         | B gamma-Chl...  | 5.946 | 5.126 | 235.8E6  | 1126.0E6 | 50.000 | 50.000 |
| 11)                         | B alpha-Chl...  | 6.027 | 5.191 | 236.7E6  | 1078.5E6 | 50.000 | 50.000 |
| 12)                         | B 4,4'-DDE      | 6.196 | 5.375 | 215.6E6  | 1091.2E6 | 50.000 | 50.000 |
| 13)                         | MA Dieldrin     | 6.347 | 5.513 | 237.5E6  | 1106.0E6 | 50.000 | 50.000 |
| 14)                         | MA Endrin       | 6.575 | 5.789 | 204.8E6  | 1032.2E6 | 50.000 | 50.000 |
| 15)                         | B Endosulfa...  | 6.786 | 6.081 | 200.1E6  | 954.4E6  | 50.000 | 50.000 |
| 16)                         | A 4,4'-DDD      | 6.705 | 5.930 | 170.7E6  | 909.6E6  | 50.000 | 50.000 |
| 17)                         | MA 4,4'-DDT     | 7.021 | 6.184 | 188.2E6  | 979.7E6  | 50.000 | 50.000 |
| 18)                         | B Endrin al...  | 6.915 | 6.259 | 148.2E6  | 719.0E6  | 50.000 | 50.000 |
| 19)                         | B Endosulfa...  | 7.149 | 6.483 | 187.1E6  | 924.6E6  | 50.000 | 50.000 |
| 20)                         | A Methoxychlor  | 7.493 | 6.755 | 98574001 | 513.0E6  | 50.000 | 50.000 |
| 21)                         | B Endrin ke...  | 7.630 | 6.992 | 200.2E6  | 1022.3E6 | 50.000 | 50.000 |
| 22)                         | Mirex           | 8.114 | 7.186 | 145.2E6  | 779.1E6  | 50.000 | 50.000 |
| -----                       |                 |       |       |          |          |        |        |

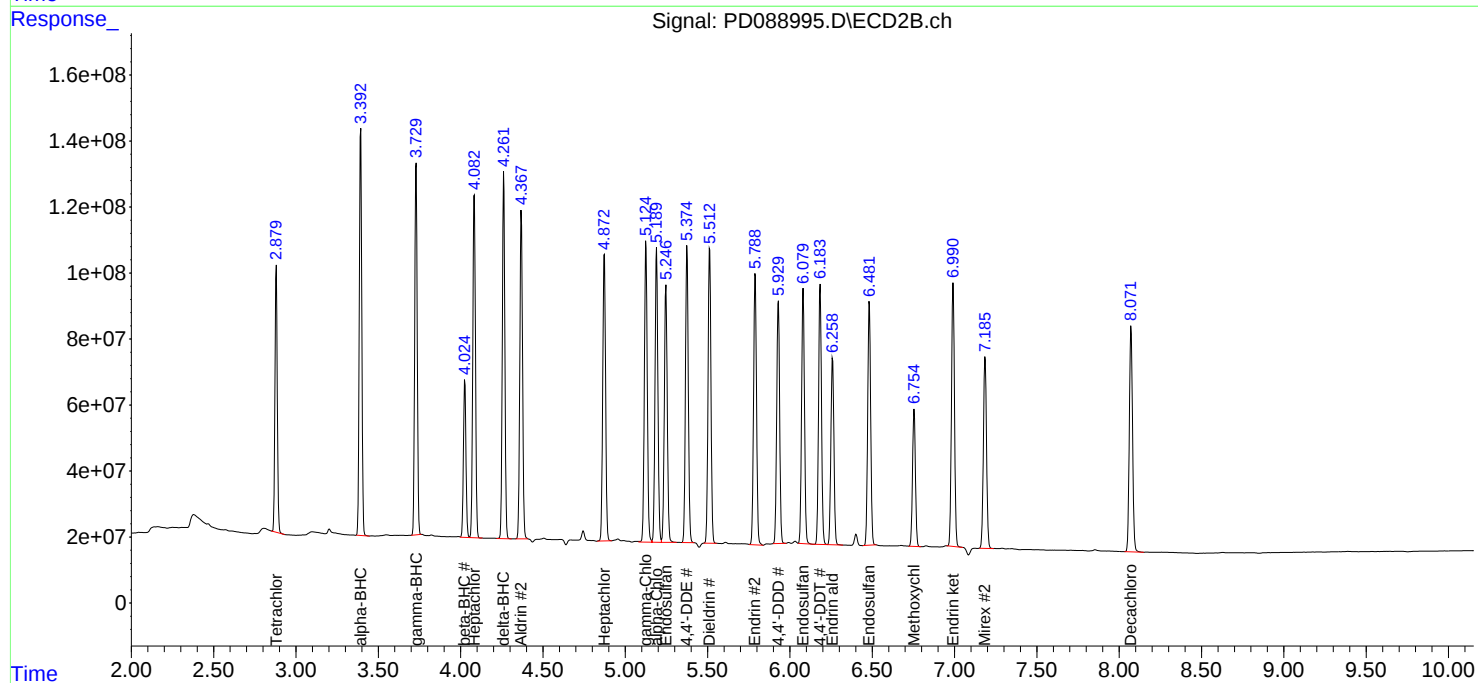
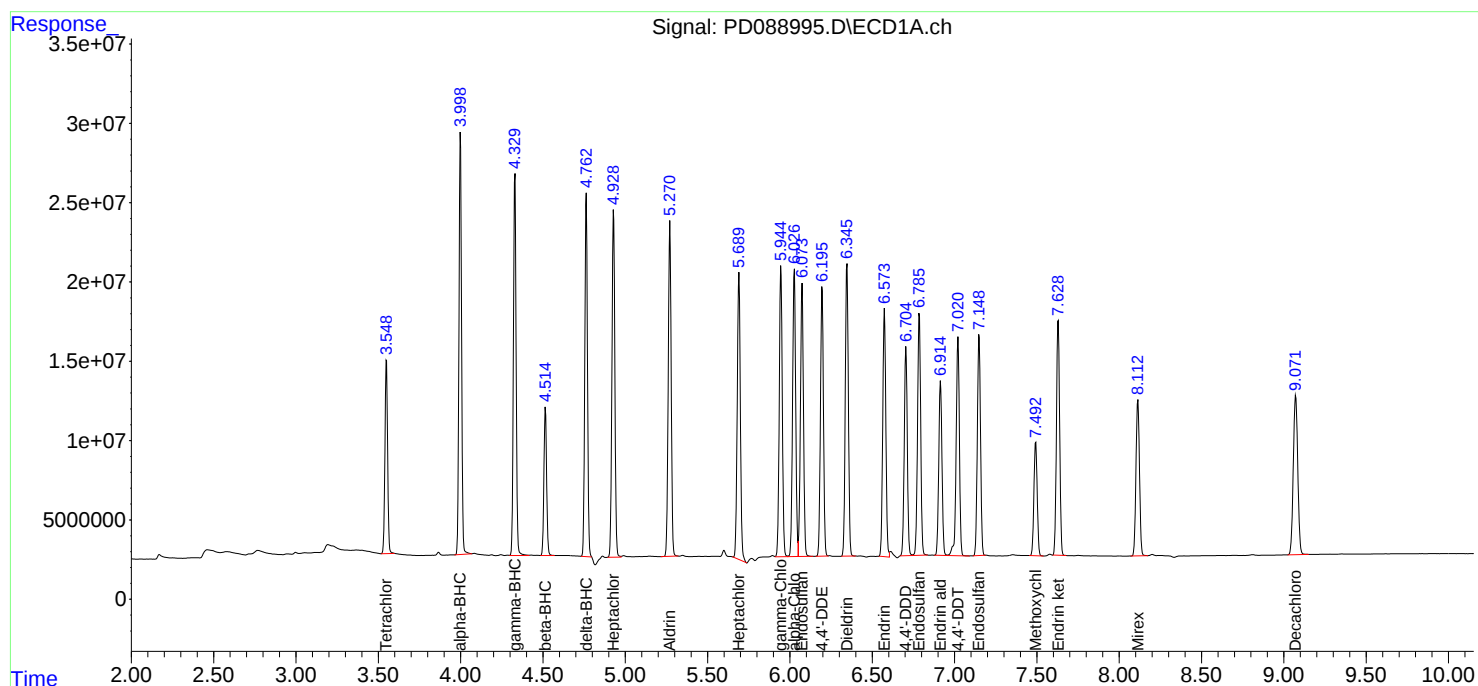
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061825\  
Data File : PD088995.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Jun 2025 16:20  
Operator : AR\AJ  
Sample : PSTDICC050  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 18 05:23:15 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 18 05:21:59 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061825\  
 Data File : PD088996.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Jun 2025 16:33  
 Operator : AR\AJ  
 Sample : PSTDICC025  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDICC025

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 06/18/2025  
 Supervised By :mohammad ahmed 06/19/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 18 05:23:35 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 18 05:21:59 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2  | ng/ml  | ng/ml   |
|-----------------------------|-----------------|-------|-------|----------|---------|--------|---------|
| -----                       |                 |       |       |          |         |        |         |
| System Monitoring Compounds |                 |       |       |          |         |        |         |
| 1)                          | SA Tetrachlo... | 3.549 | 2.881 | 68795424 | 418.3E6 | 24.860 | 26.178  |
| 28)                         | SA Decachlor... | 9.072 | 8.072 | 97448897 | 485.7E6 | 25.827 | 26.355  |
| Target Compounds            |                 |       |       |          |         |        |         |
| 2)                          | A alpha-BHC     | 3.999 | 3.393 | 135.4E6  | 653.8E6 | 23.056 | 25.294  |
| 3)                          | MA gamma-BHC... | 4.330 | 3.729 | 130.5E6  | 605.5E6 | 23.451 | 25.496  |
| 4)                          | MA Heptachlor   | 4.929 | 4.083 | 127.9E6  | 617.9E6 | 23.870 | 25.830  |
| 5)                          | MB Aldrin       | 5.271 | 4.368 | 124.7E6  | 596.3E6 | 23.737 | 25.748  |
| 6)                          | B beta-BHC      | 4.515 | 4.025 | 53616740 | 265.6E6 | 25.082 | 26.044  |
| 7)                          | B delta-BHC     | 4.763 | 4.261 | 118.8E6  | 607.5E6 | 22.920 | 25.397  |
| 8)                          | B Heptachlo...  | 5.690 | 4.872 | 113.9E6  | 542.4E6 | 23.974 | 26.042  |
| 9)                          | A Endosulfan I  | 6.074 | 5.247 | 107.2E6  | 518.8E6 | 24.301 | 26.860  |
| 10)                         | B gamma-Chl...  | 5.945 | 5.125 | 112.7E6  | 587.3E6 | 23.901 | 26.082  |
| 11)                         | B alpha-Chl...  | 6.026 | 5.190 | 114.6E6  | 562.9E6 | 24.207 | 26.097  |
| 12)                         | B 4,4'-DDE      | 6.195 | 5.375 | 102.3E6  | 564.1E6 | 23.724 | 25.848  |
| 13)                         | MA Dieldrin     | 6.346 | 5.513 | 113.2E6  | 573.5E6 | 23.828 | 25.928  |
| 14)                         | MA Endrin       | 6.574 | 5.787 | 96953033 | 531.9E6 | 23.668 | 25.765m |
| 15)                         | B Endosulfa...  | 6.786 | 6.080 | 95412213 | 500.1E6 | 23.841 | 26.199  |
| 16)                         | A 4,4'-DDD      | 6.704 | 5.929 | 80716755 | 470.1E6 | 23.642 | 25.845  |
| 17)                         | MA 4,4'-DDT     | 7.020 | 6.183 | 89516720 | 500.1E6 | 23.786 | 25.525  |
| 18)                         | B Endrin al...  | 6.914 | 6.258 | 74170726 | 379.9E6 | 25.022 | 26.419  |
| 19)                         | B Endosulfa...  | 7.148 | 6.481 | 91685883 | 485.2E6 | 24.504 | 26.239  |
| 20)                         | A Methoxychlor  | 7.492 | 6.753 | 49551931 | 270.8E6 | 25.134 | 26.394  |
| 21)                         | B Endrin ke...  | 7.629 | 6.990 | 97399015 | 538.4E6 | 24.320 | 26.331  |
| 22)                         | Mirex           | 8.113 | 7.184 | 74764205 | 414.2E6 | 25.753 | 26.583  |
| -----                       |                 |       |       |          |         |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061825\  
Data File : PD088996.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Jun 2025 16:33  
Operator : AR\AJ  
Sample : PSTDICC025  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

## Instrument :

ECD\_D

## ClientSampleId :

PSTDICC025

## Manual Integrations

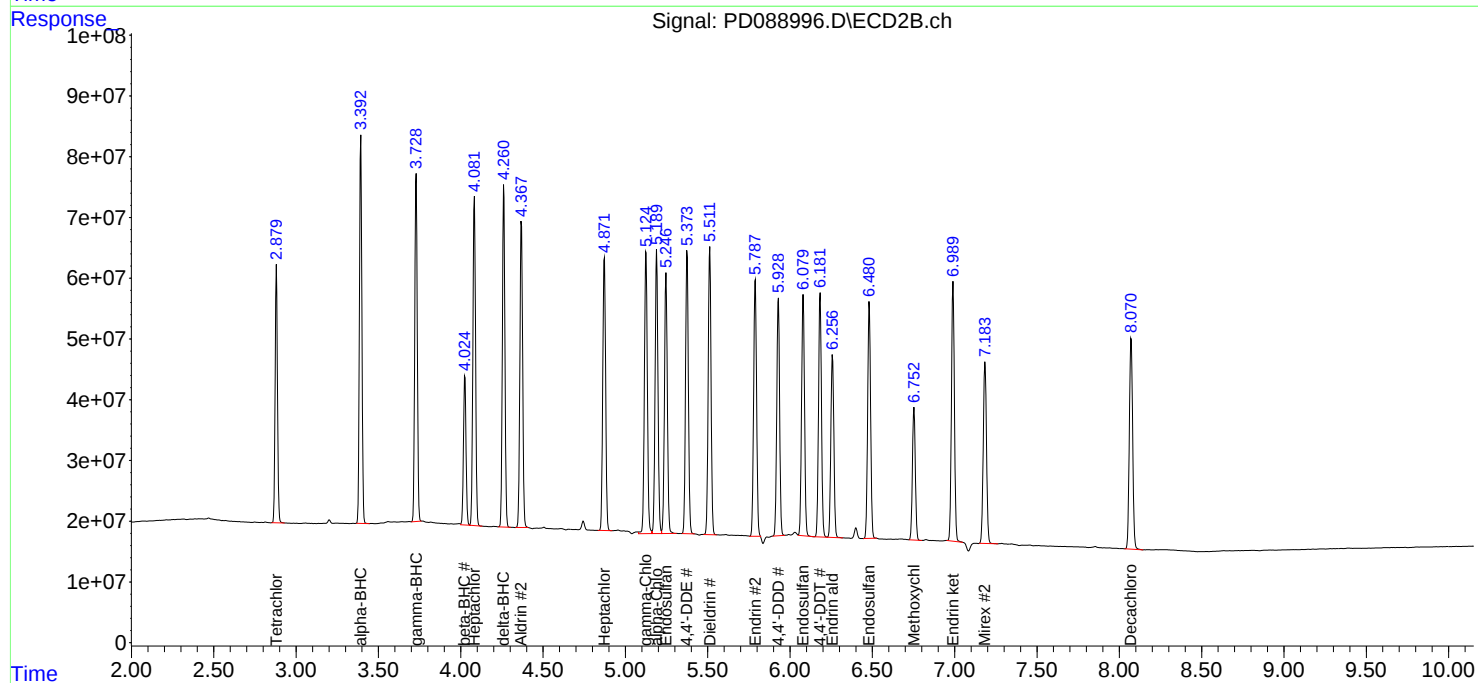
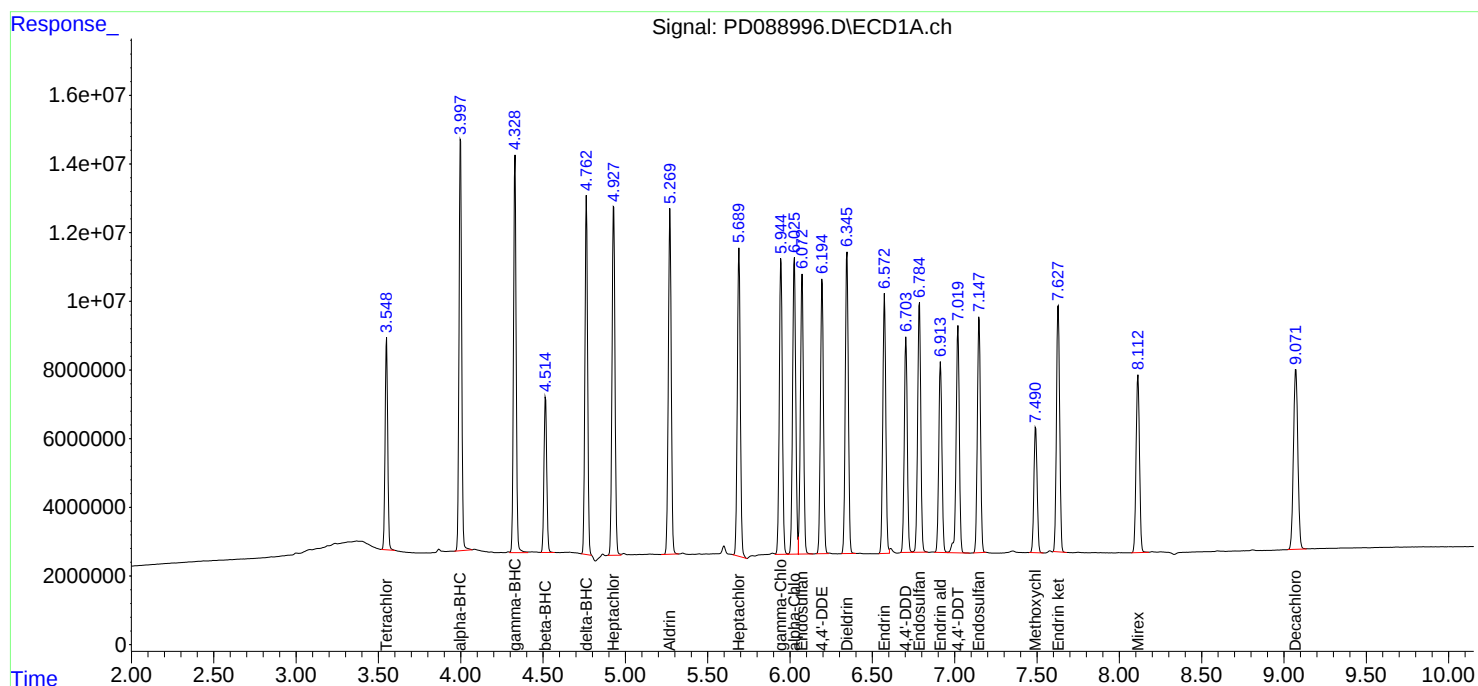
## APPROVED

Reviewed By :Abdul Mirza 06/18/2025

Supervised By :mohammad ahmed 06/19/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 18 05:23:35 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 18 05:21:59 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061825\  
 Data File : PD088997.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Jun 2025 16:47  
 Operator : AR\AJ  
 Sample : PSTDICC005  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDICC005

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 06/18/2025  
 Supervised By :mohammad ahmed 06/19/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 18 05:23:55 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 18 05:21:59 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml | ng/ml   |
|-----------------------------|-------|-------|----------|----------|-------|---------|
| -----                       |       |       |          |          |       |         |
| System Monitoring Compounds |       |       |          |          |       |         |
| 1) SA Tetrachlo...          | 3.549 | 2.880 | 15861136 | 101.6E6  | 5.732 | 6.356   |
| 2) SA Decachlor...          | 9.073 | 8.072 | 23699682 | 125.5E6  | 6.281 | 6.812   |
| Target Compounds            |       |       |          |          |       |         |
| 2) A alpha-BHC              | 3.999 | 3.393 | 27627643 | 154.5E6  | 4.703 | 5.976 # |
| 3) MA gamma-BHC...          | 4.330 | 3.729 | 27664017 | 143.7E6  | 4.970 | 6.052   |
| 4) MA Heptachlor            | 4.929 | 4.083 | 28667725 | 149.5E6  | 5.350 | 6.249   |
| 5) MB Aldrin                | 5.270 | 4.368 | 27520008 | 143.0E6  | 5.237 | 6.176   |
| 6) B beta-BHC               | 4.515 | 4.025 | 12578663 | 65433774 | 5.884 | 6.416   |
| 7) B delta-BHC              | 4.763 | 4.262 | 24463430 | 145.0E6  | 4.721 | 6.063 # |
| 8) B Heptachlo...           | 5.690 | 4.873 | 26734361 | 133.2E6  | 5.629 | 6.394   |
| 9) A Endosulfan I           | 6.074 | 5.247 | 24592339 | 128.9E6  | 5.573 | 6.671   |
| 10) B gamma-Chl...          | 5.946 | 5.126 | 25225085 | 146.7E6  | 5.349 | 6.516   |
| 11) B alpha-Chl...          | 6.026 | 5.190 | 26148512 | 140.3E6  | 5.523 | 6.504   |
| 12) B 4,4'-DDE              | 6.194 | 5.375 | 22175565 | 137.0E6  | 5.142 | 6.280   |
| 13) MA Dieldrin             | 6.346 | 5.512 | 24894050 | 139.6E6  | 5.241 | 6.311   |
| 14) MA Endrin               | 6.573 | 5.787 | 21528490 | 131.0E6  | 5.255 | 6.347m  |
| 15) B Endosulfa...          | 6.785 | 6.080 | 22765018 | 124.2E6  | 5.688 | 6.509   |
| 16) A 4,4'-DDD              | 6.704 | 5.929 | 17603896 | 115.0E6  | 5.156 | 6.321   |
| 17) MA 4,4'-DDT             | 7.020 | 6.183 | 19332472 | 115.4E6  | 5.137 | 5.889   |
| 18) B Endrin al...          | 6.914 | 6.259 | 17443585 | 96439397 | 5.885 | 6.707   |
| 19) B Endosulfa...          | 7.149 | 6.482 | 21359951 | 121.2E6  | 5.709 | 6.553   |
| 20) A Methoxychlor          | 7.493 | 6.754 | 11522878 | 65700483 | 5.845 | 6.404   |
| 21) B Endrin ke...          | 7.630 | 6.990 | 22217957 | 133.1E6  | 5.548 | 6.508m  |
| 22) Mirex                   | 8.113 | 7.185 | 18484356 | 106.1E6  | 6.367 | 6.807   |
| -----                       |       |       |          |          |       |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061825\  
Data File : PD088997.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Jun 2025 16:47  
Operator : AR\AJ  
Sample : PSTDICC005  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

## Instrument :

ECD\_D

## ClientSampleId :

PSTDICC005

## Manual Integrations

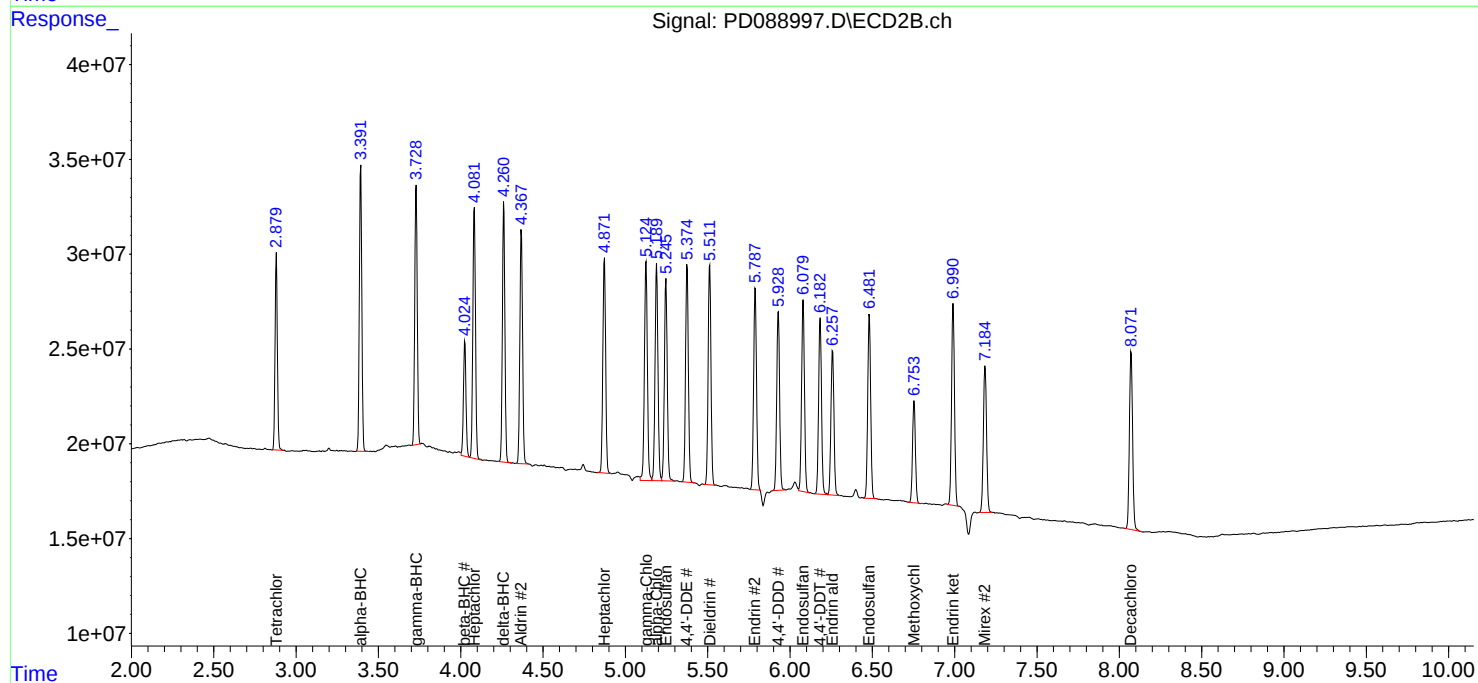
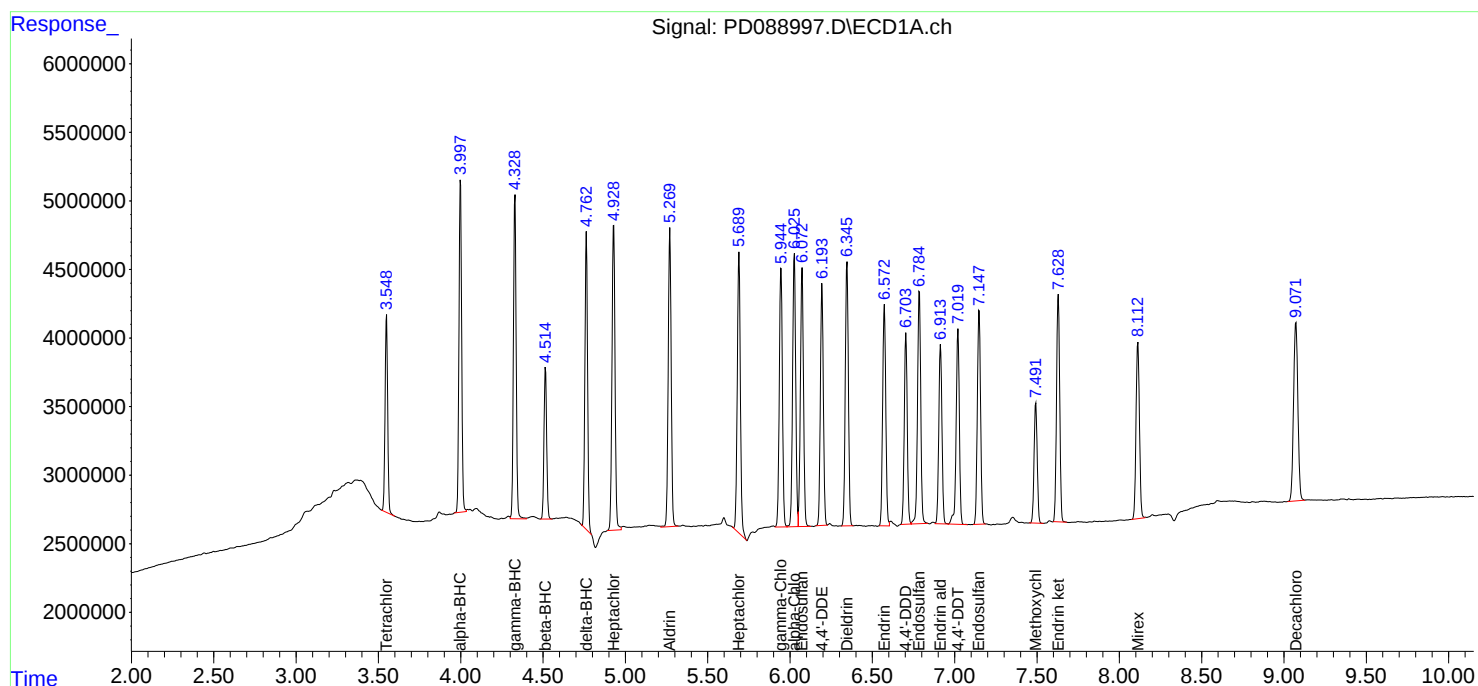
## APPROVED

Reviewed By :Abdul Mirza 06/18/2025

Supervised By :mohammad ahmed 06/19/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 18 05:23:55 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 18 05:21:59 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061825\  
 Data File : PD089000.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Jun 2025 17:28  
 Operator : AR\AJ  
 Sample : PCHLORICC500  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PCHLORICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 18 04:59:08 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 18 04:57:57 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|---------|
| -----                       |                 |       |       |          |          |         |         |
| System Monitoring Compounds |                 |       |       |          |          |         |         |
| 1)                          | SA Tetrachlo... | 3.549 | 2.880 | 127.0E6  | 1003.3E6 | 50.000  | 50.000  |
| 28)                         | SA Decachlor... | 9.072 | 8.072 | 175.3E6  | 940.3E6  | 50.000  | 50.000  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 23)                         | Chlordane-1     | 4.715 | 3.905 | 103.3E6  | 448.7E6  | 500.000 | 500.000 |
| 24)                         | Chlordane-2     | 5.241 | 4.487 | 103.7E6  | 451.9E6  | 500.000 | 500.000 |
| 25)                         | Chlordane-3     | 5.946 | 5.126 | 425.8E6  | 1413.2E6 | 500.000 | 500.000 |
| 26)                         | Chlordane-4     | 6.032 | 5.190 | 511.2E6  | 1191.6E6 | 500.000 | 500.000 |
| 27)                         | Chlordane-5     | 6.870 | 6.090 | 88549137 | 546.3E6  | 500.000 | 500.000 |
| -----                       |                 |       |       |          |          |         |         |

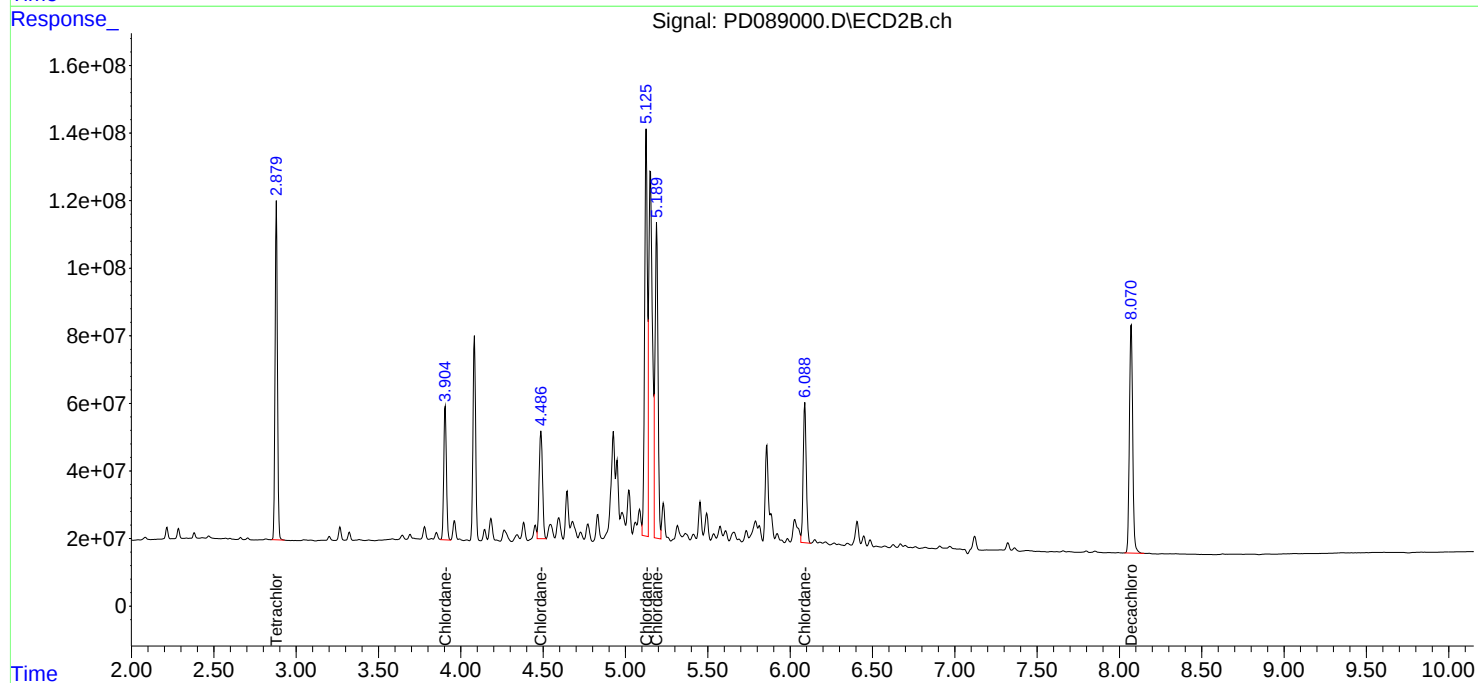
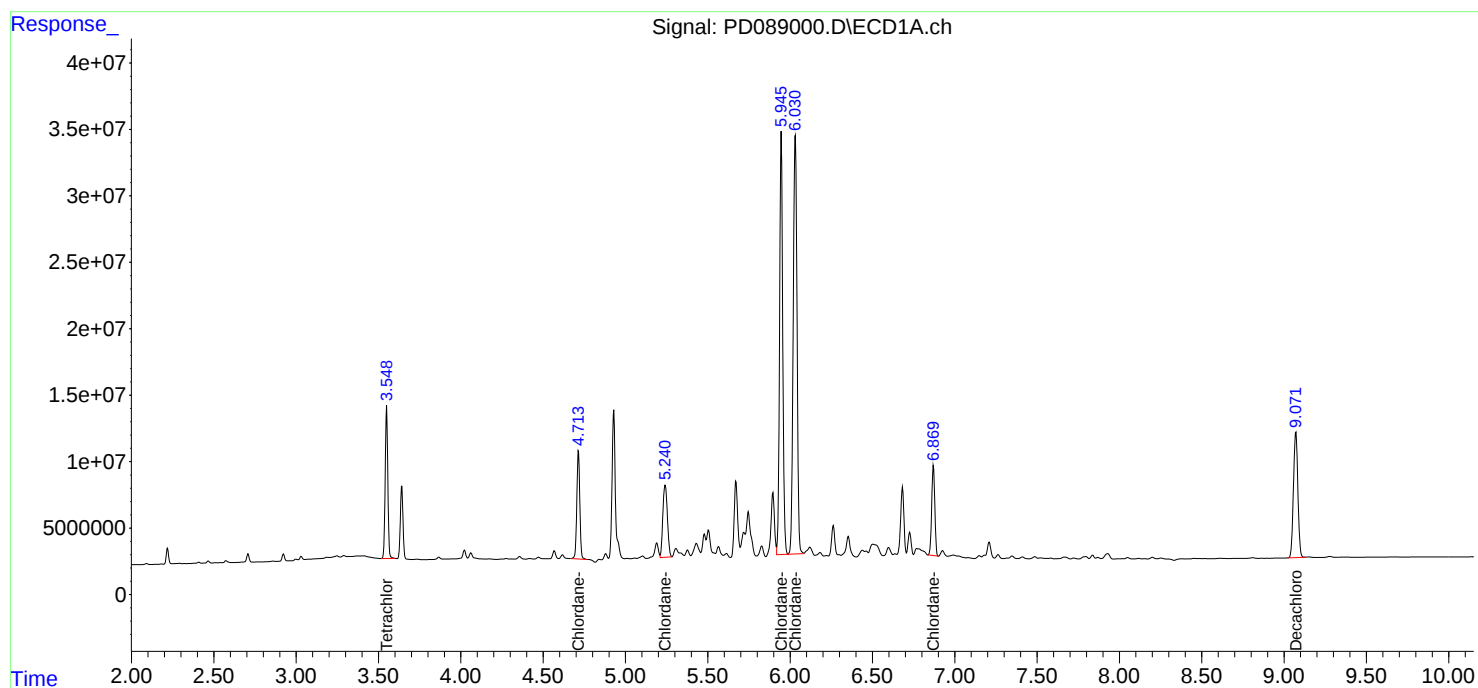
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061825\  
Data File : PD089000.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Jun 2025 17:28  
Operator : AR\AJ  
Sample : PCHLORICC500  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PCHLORICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 18 04:59:08 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 18 04:57:57 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061825\  
 Data File : PD089005.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Jun 2025 18:36  
 Operator : AR\AJ  
 Sample : PTOXICC500  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PTOXICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 18 04:30:48 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\DTX061825.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 18 04:29:28 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x 0. Signal #2 Info : 30M x 0.32mm x 0.25µm

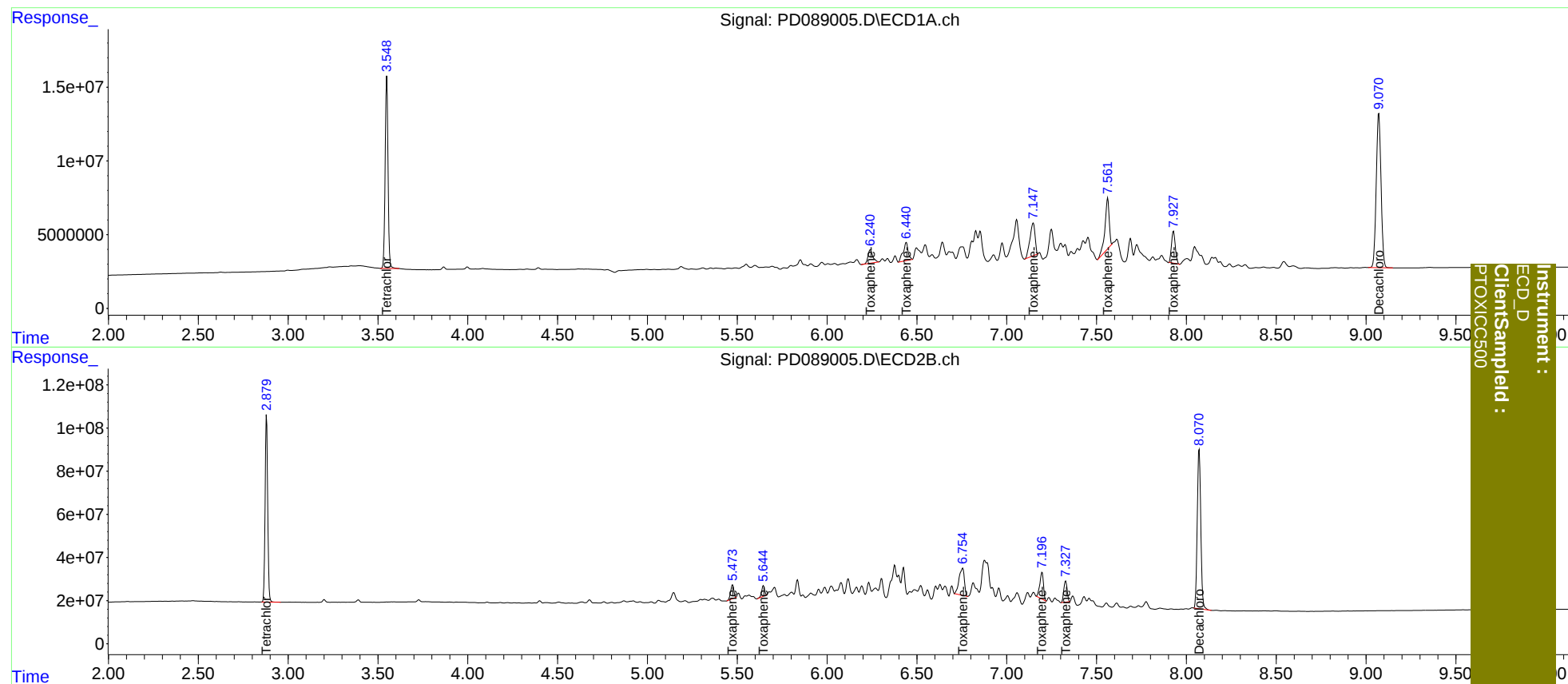
| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|----------|---------|---------|
| -----                       |       |       |          |          |         |         |
| System Monitoring Compounds |       |       |          |          |         |         |
| 1) SA Tetrachlo...          | 3.549 | 2.880 | 143.6E6  | 868.2E6  | 50.000  | 50.000  |
| 7) SA Decachlor...          | 9.071 | 8.071 | 194.1E6  | 1009.6E6 | 50.000  | 50.000  |
| Target Compounds            |       |       |          |          |         |         |
| 2) Toxaphene-1              | 6.241 | 5.474 | 16800895 | 79079940 | 500.000 | 500.000 |
| 3) Toxaphene-2              | 6.441 | 5.646 | 23764296 | 54409973 | 500.000 | 500.000 |
| 4) Toxaphene-3              | 7.148 | 6.755 | 43646368 | 255.9E6  | 500.000 | 500.000 |
| 5) Toxaphene-4              | 7.562 | 7.197 | 55678343 | 175.1E6  | 500.000 | 500.000 |
| 6) Toxaphene-5              | 7.928 | 7.328 | 31556310 | 127.0E6  | 500.000 | 500.000 |
| -----                       |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061825\  
Data File : PD089005.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Jun 2025 18:36  
Operator : AR\AJ  
Sample : PTOXICC500  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 18 04:30:48 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\DTX061825.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 18 04:29:28 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x 0. Signal #2 Info : 30M x 0.32mm x0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061825\  
 Data File : PD089008.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Jun 2025 19:17  
 Operator : AR\AJ  
 Sample : PSTDICV050  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 ICVPD061825

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 18 05:46:15 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 18 05:39:05 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-----------------|-------|-------|----------|----------|--------|--------|
| -----                       |                 |       |       |          |          |        |        |
| System Monitoring Compounds |                 |       |       |          |          |        |        |
| 1)                          | SA Tetrachlo... | 3.549 | 2.880 | 139.5E6  | 848.9E6  | 48.909 | 50.072 |
| 28)                         | SA Decachlor... | 9.072 | 8.073 | 188.5E6  | 996.5E6  | 47.986 | 50.403 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.999 | 3.393 | 295.8E6  | 1350.4E6 | 50.737 | 50.394 |
| 3)                          | MA gamma-BHC... | 4.330 | 3.729 | 280.5E6  | 1249.3E6 | 50.254 | 50.462 |
| 4)                          | MA Heptachlor   | 4.929 | 4.082 | 270.9E6  | 1252.2E6 | 49.682 | 50.010 |
| 5)                          | MB Aldrin       | 5.271 | 4.368 | 265.0E6  | 1218.5E6 | 49.876 | 50.317 |
| 6)                          | B beta-BHC      | 4.515 | 4.025 | 107.7E6  | 537.8E6  | 48.800 | 50.043 |
| 7)                          | B delta-BHC     | 4.764 | 4.262 | 261.5E6  | 1252.0E6 | 50.946 | 50.333 |
| 8)                          | B Heptachlo...  | 5.691 | 4.872 | 235.4E6  | 1093.7E6 | 48.806 | 49.946 |
| 9)                          | A Endosulfan I  | 6.075 | 5.247 | 222.0E6  | 1045.8E6 | 49.252 | 50.175 |
| 10)                         | B gamma-Chl...  | 5.946 | 5.126 | 237.3E6  | 1184.2E6 | 49.570 | 49.500 |
| 11)                         | B alpha-Chl...  | 6.027 | 5.190 | 238.3E6  | 1135.5E6 | 49.257 | 49.590 |
| 12)                         | B 4,4'-DDE      | 6.195 | 5.375 | 217.6E6  | 1145.1E6 | 49.901 | 49.970 |
| 13)                         | MA Dieldrin     | 6.347 | 5.513 | 238.9E6  | 1159.0E6 | 49.793 | 49.940 |
| 14)                         | MA Endrin       | 6.574 | 5.790 | 203.1E6  | 1100.0E6 | 49.223 | 50.657 |
| 15)                         | B Endosulfa...  | 6.786 | 6.081 | 195.6E6  | 1002.6E6 | 48.453 | 49.643 |
| 16)                         | A 4,4'-DDD      | 6.705 | 5.930 | 170.0E6  | 955.9E6  | 49.526 | 49.972 |
| 17)                         | MA 4,4'-DDT     | 7.021 | 6.184 | 188.0E6  | 1027.1E6 | 49.627 | 50.650 |
| 18)                         | B Endrin al...  | 6.915 | 6.259 | 149.8E6  | 759.8E6  | 48.894 | 49.621 |
| 19)                         | B Endosulfa...  | 7.149 | 6.483 | 187.3E6  | 976.2E6  | 48.824 | 49.755 |
| 20)                         | A Methoxychlor  | 7.493 | 6.755 | 98271542 | 536.8E6  | 48.634 | 49.853 |
| 21)                         | B Endrin ke...  | 7.630 | 6.992 | 200.8E6  | 1076.8E6 | 49.300 | 49.848 |
| 22)                         | Mirex           | 8.114 | 7.186 | 147.3E6  | 825.2E6  | 48.452 | 49.481 |
| -----                       |                 |       |       |          |          |        |        |

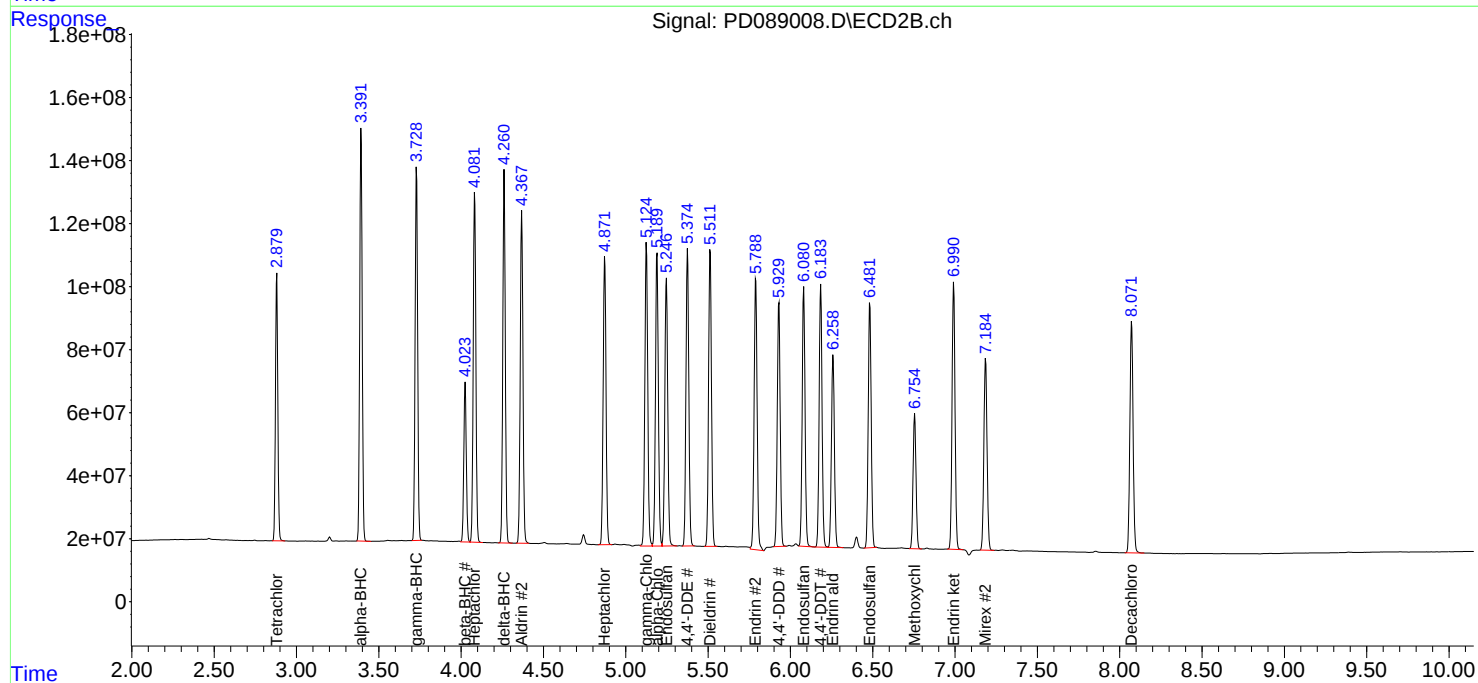
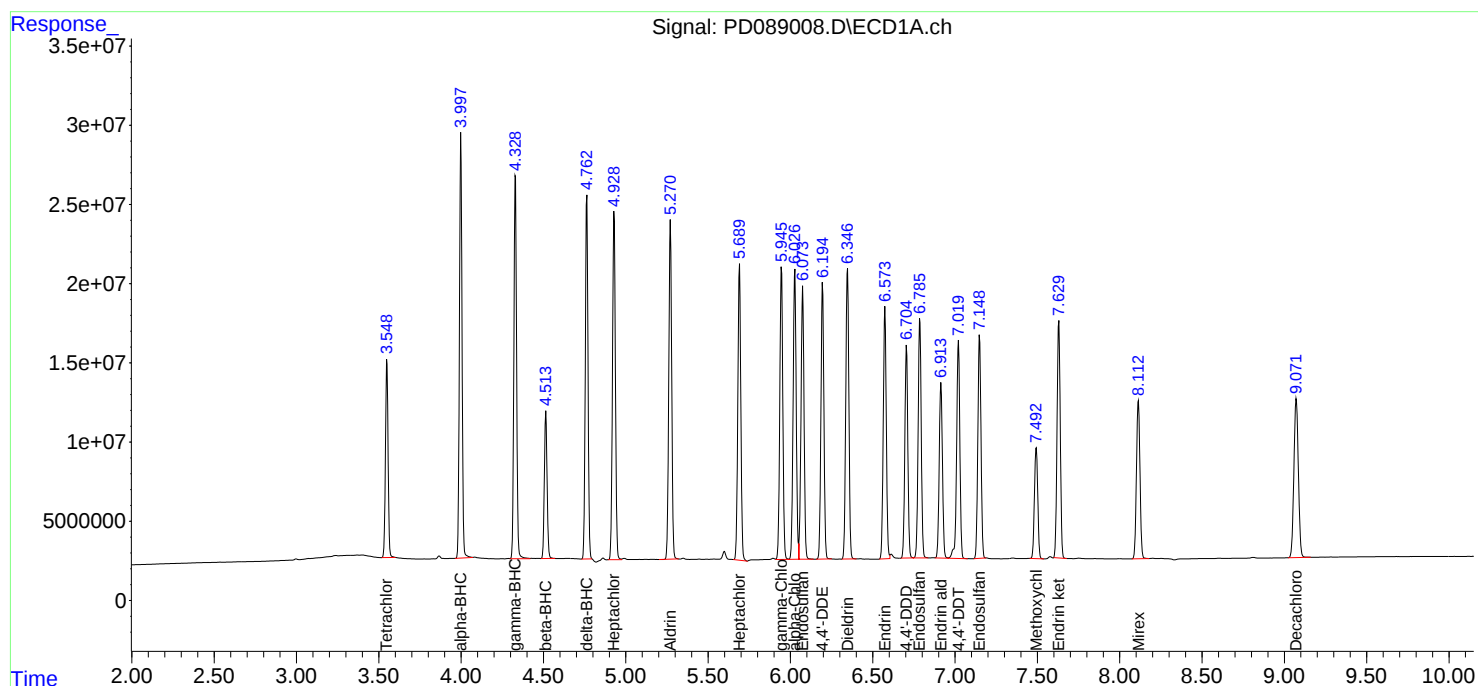
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061825\  
Data File : PD089008.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Jun 2025 19:17  
Operator : AR\AJ  
Sample : PSTDICV050  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD061825

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 18 05:46:15 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 18 05:39:05 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061825\  
 Data File : PD089009.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Jun 2025 19:31  
 Operator : AR\AJ  
 Sample : PCHLORICV500  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 ICVPD061825CHLOR

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 18 05:06:39 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 18 05:05:26 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|---------|
| -----                       |                 |       |       |          |          |         |         |
| System Monitoring Compounds |                 |       |       |          |          |         |         |
| 1)                          | SA Tetrachlo... | 3.549 | 2.880 | 127.5E6  | 1002.8E6 | 48.435  | 48.165  |
| 28)                         | SA Decachlor... | 9.072 | 8.072 | 176.1E6  | 945.9E6  | 47.752  | 47.396  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 23)                         | Chlordane-1     | 4.714 | 3.905 | 104.1E6  | 451.3E6  | 486.162 | 484.057 |
| 24)                         | Chlordane-2     | 5.241 | 4.487 | 104.8E6  | 451.6E6  | 480.042 | 474.511 |
| 25)                         | Chlordane-3     | 5.946 | 5.125 | 422.4E6  | 1412.7E6 | 489.742 | 475.621 |
| 26)                         | Chlordane-4     | 6.031 | 5.189 | 512.9E6  | 1195.8E6 | 488.156 | 477.027 |
| 27)                         | Chlordane-5     | 6.870 | 6.089 | 88790524 | 548.7E6  | 485.833 | 484.867 |
| -----                       |                 |       |       |          |          |         |         |

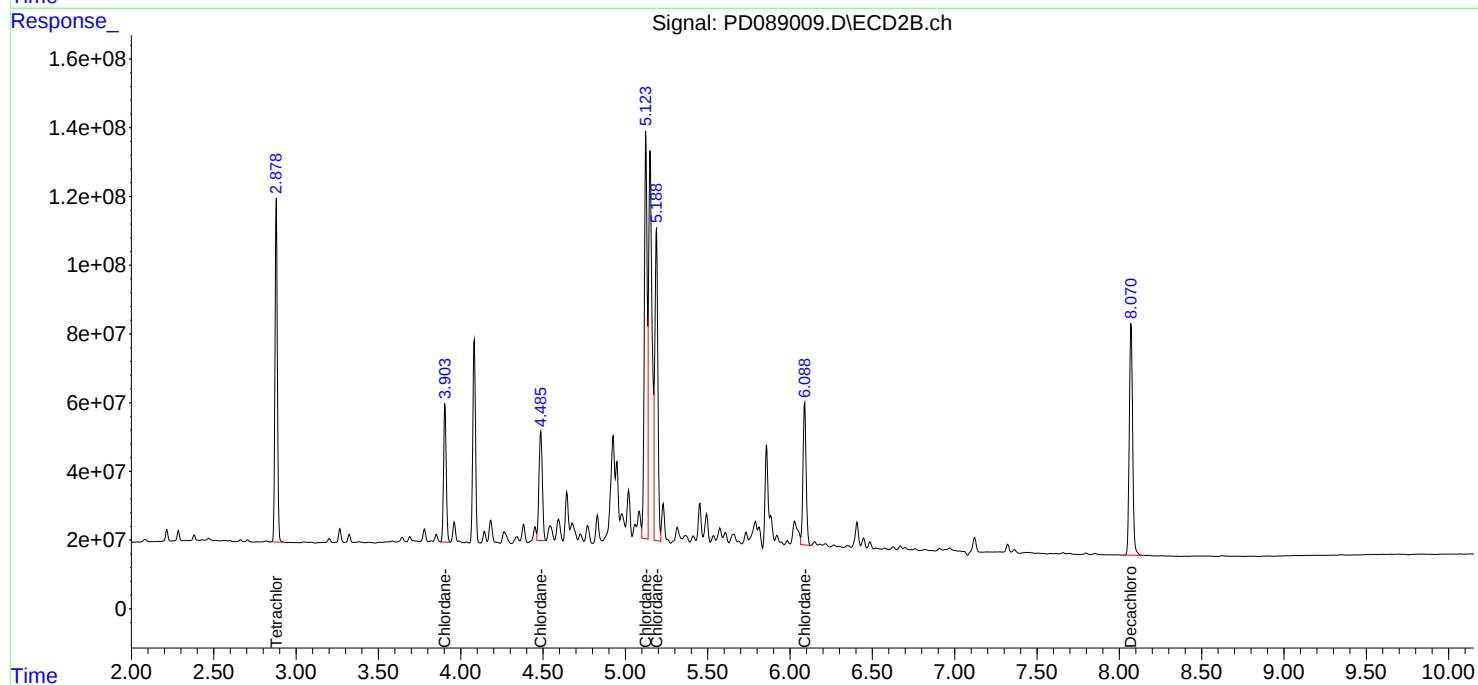
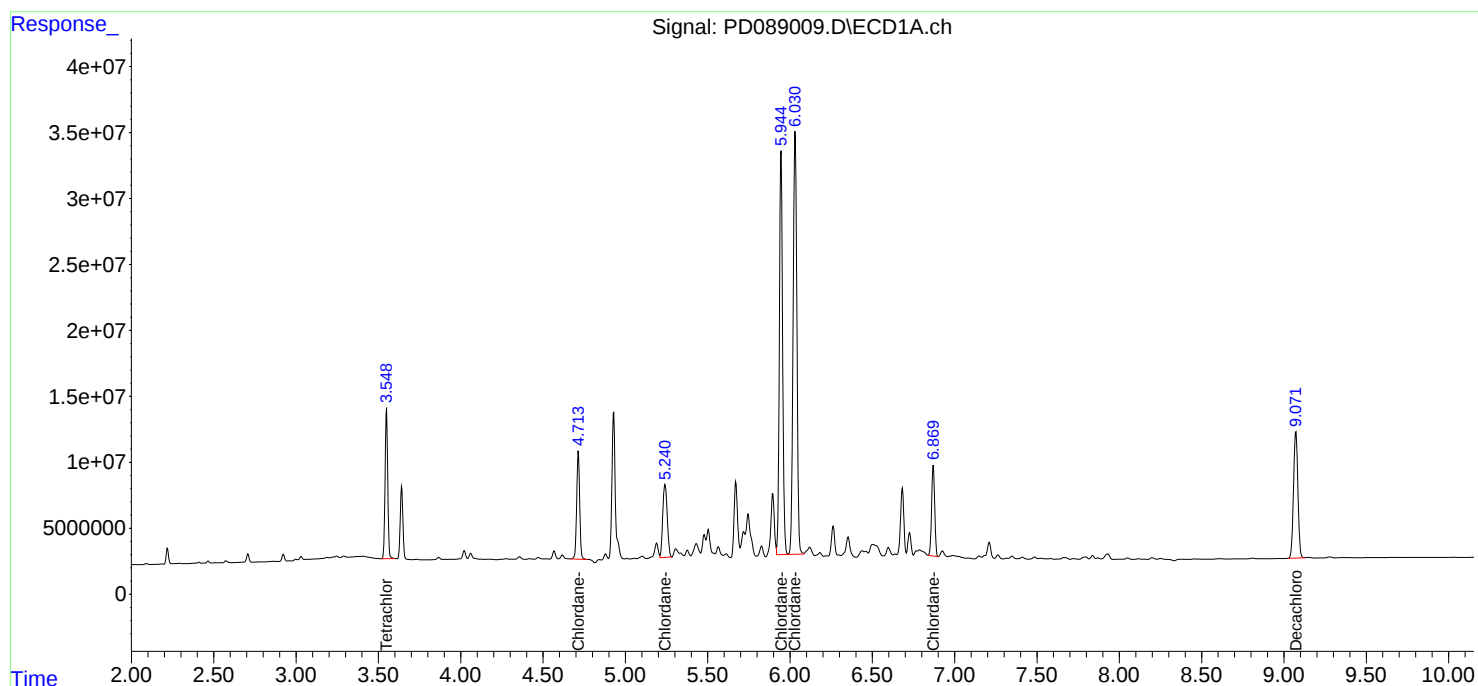
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061825\  
Data File : PD089009.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Jun 2025 19:31  
Operator : AR\AJ  
Sample : PCHLORICV500  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD061825CHLOR

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 18 05:06:39 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 18 05:05:26 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061825\  
 Data File : PD089010.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Jun 2025 19:44  
 Operator : AR\AJ  
 Sample : PTOXICV500  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 ICVPD061825TOX

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 18 04:37:01 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\DTX061825.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 18 04:35:42 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x 0. Signal #2 Info : 30M x 0.32mm x 0.25µm

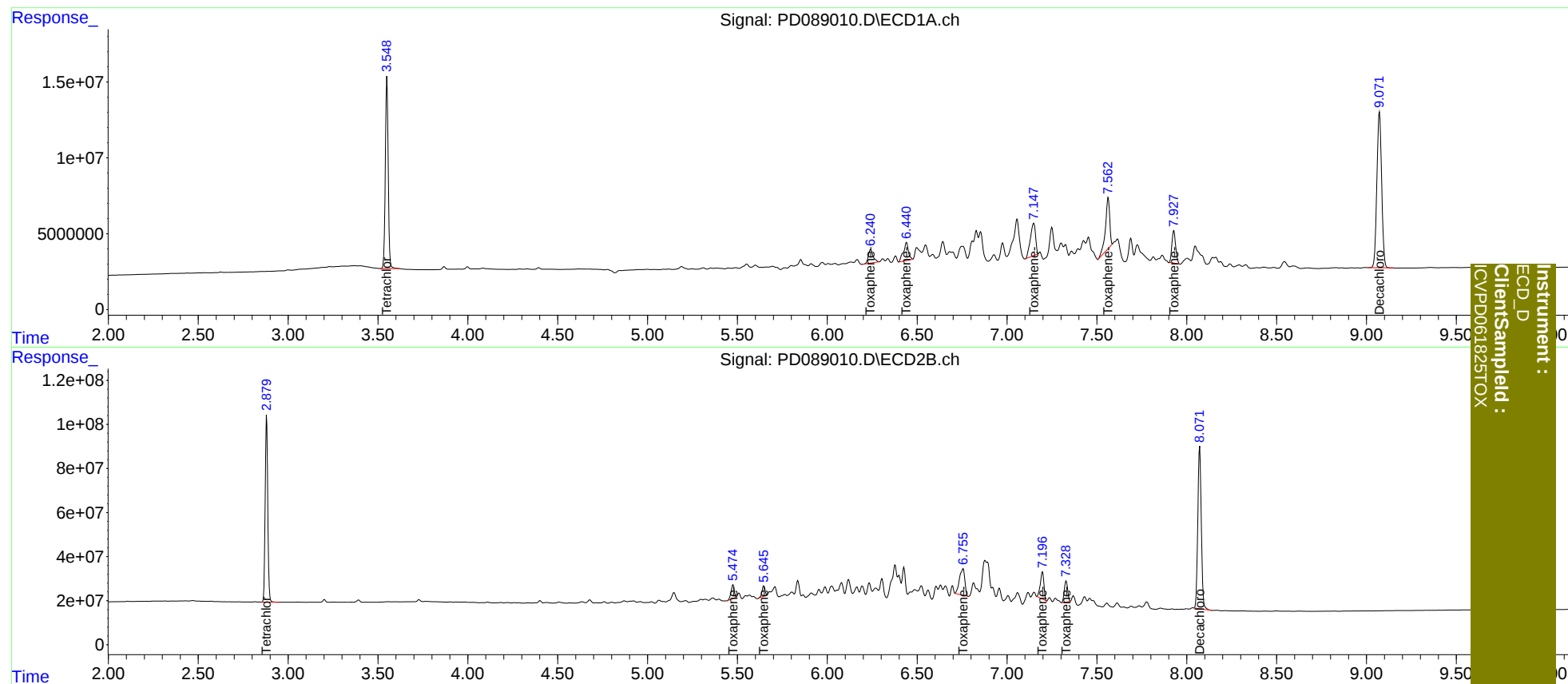
| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|----------|---------|---------|
| -----                       |       |       |          |          |         |         |
| System Monitoring Compounds |       |       |          |          |         |         |
| 1) SA Tetrachlo...          | 3.550 | 2.881 | 140.5E6  | 849.8E6  | 49.126  | 48.618  |
| 7) SA Decachlor...          | 9.072 | 8.072 | 190.0E6  | 991.7E6  | 48.552  | 48.009  |
| Target Compounds            |       |       |          |          |         |         |
| 2) Toxaphene-1              | 6.241 | 5.475 | 16556024 | 76482668 | 496.105 | 468.012 |
| 3) Toxaphene-2              | 6.441 | 5.647 | 23088671 | 52728004 | 503.218 | 488.483 |
| 4) Toxaphene-3              | 7.149 | 6.756 | 42578482 | 247.9E6  | 493.980 | 497.712 |
| 5) Toxaphene-4              | 7.563 | 7.198 | 54552672 | 171.5E6  | 492.551 | 493.627 |
| 6) Toxaphene-5              | 7.928 | 7.329 | 31161300 | 123.5E6  | 501.825 | 508.354 |
| -----                       |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061825\  
Data File : PD089010.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Jun 2025 19:44  
Operator : AR\AJ  
Sample : PTOXICV500  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 18 04:37:01 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\DTX061825.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 18 04:35:42 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x 0. Signal #2 Info : 30M x 0.32mm x0.25µm





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### CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413 SAS No.: Q2413 SDG NO.: Q2413

Continuing Calib Date: 06/26/2025 Initial Calibration Date(s): 06/17/2025 06/17/2025

Continuing Calib Time: 11:47 Initial Calibration Time(s): 15:52 16:47

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

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 9.07       | 9.07      | 8.97      | 9.17 | 0.00       |
| Tetrachloro-m-xylene | 3.55       | 3.55      | 3.45      | 3.65 | 0.00       |
| alpha-BHC            | 4.00       | 4.00      | 3.90      | 4.10 | 0.00       |
| beta-BHC             | 4.52       | 4.52      | 4.42      | 4.62 | 0.00       |
| delta-BHC            | 4.76       | 4.76      | 4.66      | 4.86 | 0.00       |
| gamma-BHC (Lindane)  | 4.33       | 4.33      | 4.23      | 4.43 | 0.00       |
| Heptachlor           | 4.93       | 4.93      | 4.83      | 5.03 | 0.00       |
| Aldrin               | 5.27       | 5.27      | 5.17      | 5.37 | 0.00       |
| Heptachlor epoxide   | 5.69       | 5.69      | 5.59      | 5.79 | 0.00       |
| Endosulfan I         | 6.07       | 6.08      | 5.98      | 6.18 | 0.01       |
| Dieldrin             | 6.35       | 6.35      | 6.25      | 6.45 | 0.00       |
| 4,4'-DDE             | 6.20       | 6.20      | 6.10      | 6.30 | 0.00       |
| Endrin               | 6.57       | 6.58      | 6.48      | 6.68 | 0.01       |
| Endosulfan II        | 6.79       | 6.79      | 6.69      | 6.89 | 0.00       |
| 4,4'-DDD             | 6.71       | 6.71      | 6.61      | 6.81 | 0.01       |
| Endosulfan sulfate   | 7.15       | 7.15      | 7.05      | 7.25 | 0.00       |
| 4,4'-DDT             | 7.02       | 7.02      | 6.92      | 7.12 | 0.00       |
| Methoxychlor         | 7.49       | 7.49      | 7.39      | 7.59 | 0.00       |
| Endrin ketone        | 7.63       | 7.63      | 7.53      | 7.73 | 0.00       |
| Endrin aldehyde      | 6.92       | 6.92      | 6.82      | 7.02 | 0.01       |
| alpha-Chlordane      | 6.03       | 6.03      | 5.93      | 6.13 | 0.00       |
| gamma-Chlordane      | 5.95       | 5.95      | 5.85      | 6.05 | 0.00       |



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### CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413 SAS No.: Q2413 SDG NO.: Q2413

Continuing Calib Date: 06/26/2025 Initial Calibration Date(s): 06/17/2025 06/17/2025

Continuing Calib Time: 11:47 Initial Calibration Time(s): 15:52 16:47

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

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 8.07       | 8.07      | 7.97      | 8.17 | 0.00       |
| Tetrachloro-m-xylene | 2.88       | 2.88      | 2.78      | 2.98 | 0.00       |
| alpha-BHC            | 3.39       | 3.39      | 3.29      | 3.49 | 0.00       |
| beta-BHC             | 4.03       | 4.03      | 3.93      | 4.13 | 0.00       |
| delta-BHC            | 4.26       | 4.26      | 4.16      | 4.36 | 0.00       |
| gamma-BHC (Lindane)  | 3.73       | 3.73      | 3.63      | 3.83 | 0.00       |
| Heptachlor           | 4.08       | 4.08      | 3.98      | 4.18 | 0.00       |
| Aldrin               | 4.37       | 4.37      | 4.27      | 4.47 | 0.00       |
| Heptachlor epoxide   | 4.87       | 4.87      | 4.77      | 4.97 | 0.00       |
| Endosulfan I         | 5.25       | 5.25      | 5.15      | 5.35 | 0.00       |
| Dieldrin             | 5.51       | 5.51      | 5.41      | 5.61 | 0.00       |
| 4,4'-DDE             | 5.38       | 5.38      | 5.28      | 5.48 | 0.00       |
| Endrin               | 5.79       | 5.79      | 5.69      | 5.89 | 0.00       |
| Endosulfan II        | 6.08       | 6.08      | 5.98      | 6.18 | 0.00       |
| 4,4'-DDD             | 5.93       | 5.93      | 5.83      | 6.03 | 0.00       |
| Endosulfan sulfate   | 6.48       | 6.48      | 6.38      | 6.58 | 0.00       |
| 4,4'-DDT             | 6.18       | 6.18      | 6.08      | 6.28 | 0.00       |
| Methoxychlor         | 6.75       | 6.76      | 6.66      | 6.86 | 0.01       |
| Endrin ketone        | 6.99       | 6.99      | 6.89      | 7.09 | 0.00       |
| Endrin aldehyde      | 6.26       | 6.26      | 6.16      | 6.36 | 0.00       |
| alpha-Chlordane      | 5.19       | 5.19      | 5.09      | 5.29 | 0.00       |
| gamma-Chlordane      | 5.13       | 5.13      | 5.03      | 5.23 | 0.00       |



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### CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413 SAS No.: Q2413 SDG NO.: Q2413

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 06/17/2025 06/17/2025

Client Sample No.: CCAL01 Date Analyzed: 06/26/2025

Lab Sample No.: PSTDCCC050 Data File : PD089159.D Time Analyzed: 11:47

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| 4,4'-DDD             | 6.705 | 6.605     | 6.805 | 53.110             | 50.000            | 6.2  |
| 4,4'-DDE             | 6.196 | 6.096     | 6.296 | 52.180             | 50.000            | 4.4  |
| 4,4'-DDT             | 7.021 | 6.921     | 7.121 | 48.890             | 50.000            | -2.2 |
| Aldrin               | 5.271 | 5.171     | 5.371 | 54.570             | 50.000            | 9.1  |
| alpha-BHC            | 4.000 | 3.899     | 4.099 | 56.190             | 50.000            | 12.4 |
| alpha-Chlordane      | 6.027 | 5.927     | 6.127 | 53.680             | 50.000            | 7.4  |
| beta-BHC             | 4.516 | 4.415     | 4.615 | 53.430             | 50.000            | 6.9  |
| Decachlorobiphenyl   | 9.072 | 8.972     | 9.172 | 49.280             | 50.000            | -1.4 |
| delta-BHC            | 4.764 | 4.664     | 4.864 | 58.080             | 50.000            | 16.2 |
| Dieldrin             | 6.347 | 6.247     | 6.447 | 53.280             | 50.000            | 6.6  |
| Endosulfan I         | 6.074 | 5.975     | 6.175 | 53.510             | 50.000            | 7.0  |
| Endosulfan II        | 6.786 | 6.686     | 6.886 | 52.520             | 50.000            | 5.0  |
| Endosulfan sulfate   | 7.149 | 7.049     | 7.249 | 50.240             | 50.000            | 0.5  |
| Endrin               | 6.574 | 6.475     | 6.675 | 51.670             | 50.000            | 3.3  |
| Endrin aldehyde      | 6.915 | 6.815     | 7.015 | 50.270             | 50.000            | 0.5  |
| Endrin ketone        | 7.630 | 7.530     | 7.730 | 50.680             | 50.000            | 1.4  |
| gamma-BHC (Lindane)  | 4.331 | 4.230     | 4.430 | 55.550             | 50.000            | 11.1 |
| gamma-Chlordane      | 5.946 | 5.846     | 6.046 | 54.360             | 50.000            | 8.7  |
| Heptachlor           | 4.929 | 4.829     | 5.029 | 54.610             | 50.000            | 9.2  |
| Heptachlor epoxide   | 5.691 | 5.591     | 5.791 | 53.310             | 50.000            | 6.6  |
| Methoxychlor         | 7.493 | 7.393     | 7.593 | 46.320             | 50.000            | -7.4 |
| Tetrachloro-m-xylene | 3.551 | 3.450     | 3.650 | 53.870             | 50.000            | 7.7  |



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### CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413 SAS No.: Q2413 SDG NO.: Q2413

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 06/17/2025 06/17/2025

Client Sample No.: CCAL01 Date Analyzed: 06/26/2025

Lab Sample No.: PSTDCCC050 Data File : PD089159.D Time Analyzed: 11:47

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| 4,4'-DDD             | 5.929 | 5.830     | 6.030 | 51.260             | 50.000            | 2.5  |
| 4,4'-DDE             | 5.375 | 5.275     | 5.475 | 51.130             | 50.000            | 2.3  |
| 4,4'-DDT             | 6.183 | 6.084     | 6.284 | 48.440             | 50.000            | -3.1 |
| Aldrin               | 4.369 | 4.269     | 4.469 | 52.050             | 50.000            | 4.1  |
| alpha-BHC            | 3.393 | 3.293     | 3.493 | 52.750             | 50.000            | 5.5  |
| alpha-Chlordane      | 5.189 | 5.091     | 5.291 | 50.880             | 50.000            | 1.8  |
| beta-BHC             | 4.025 | 3.926     | 4.126 | 49.610             | 50.000            | -0.8 |
| Decachlorobiphenyl   | 8.071 | 7.972     | 8.172 | 47.520             | 50.000            | -5.0 |
| delta-BHC            | 4.262 | 4.162     | 4.362 | 52.030             | 50.000            | 4.1  |
| Dieldrin             | 5.512 | 5.413     | 5.613 | 51.120             | 50.000            | 2.2  |
| Endosulfan I         | 5.246 | 5.147     | 5.347 | 46.580             | 50.000            | -6.8 |
| Endosulfan II        | 6.079 | 5.981     | 6.181 | 50.470             | 50.000            | 0.9  |
| Endosulfan sulfate   | 6.481 | 6.383     | 6.583 | 48.980             | 50.000            | -2.0 |
| Endrin               | 5.789 | 5.689     | 5.889 | 51.790             | 50.000            | 3.6  |
| Endrin aldehyde      | 6.258 | 6.159     | 6.359 | 48.930             | 50.000            | -2.1 |
| Endrin ketone        | 6.990 | 6.892     | 7.092 | 48.810             | 50.000            | -2.4 |
| gamma-BHC (Lindane)  | 3.730 | 3.630     | 3.830 | 52.520             | 50.000            | 5.0  |
| gamma-Chlordane      | 5.125 | 5.026     | 5.226 | 51.120             | 50.000            | 2.2  |
| Heptachlor           | 4.083 | 3.983     | 4.183 | 50.700             | 50.000            | 1.4  |
| Heptachlor epoxide   | 4.872 | 4.773     | 4.973 | 51.480             | 50.000            | 3.0  |
| Methoxychlor         | 6.753 | 6.655     | 6.855 | 45.550             | 50.000            | -8.9 |
| Tetrachloro-m-xylene | 2.881 | 2.780     | 2.980 | 52.560             | 50.000            | 5.1  |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062625\  
 Data File : PD089159.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Jun 2025 11:47  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 26 23:27:37 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 18 05:39:05 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-----------------|-------|-------|----------|----------|--------|--------|
| -----                       |                 |       |       |          |          |        |        |
| System Monitoring Compounds |                 |       |       |          |          |        |        |
| 1)                          | SA Tetrachlo... | 3.551 | 2.881 | 153.7E6  | 891.0E6  | 53.870 | 52.555 |
| 28)                         | SA Decachlor... | 9.072 | 8.071 | 193.5E6  | 939.6E6  | 49.278 | 47.525 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 4.000 | 3.393 | 327.6E6  | 1413.5E6 | 56.194 | 52.748 |
| 3)                          | MA gamma-BHC... | 4.331 | 3.730 | 310.1E6  | 1300.3E6 | 55.553 | 52.523 |
| 4)                          | MA Heptachlor   | 4.929 | 4.083 | 297.7E6  | 1269.4E6 | 54.605 | 50.698 |
| 5)                          | MB Aldrin       | 5.271 | 4.369 | 290.0E6  | 1260.5E6 | 54.575 | 52.052 |
| 6)                          | B beta-BHC      | 4.516 | 4.025 | 117.9E6  | 533.1E6  | 53.431 | 49.608 |
| 7)                          | B delta-BHC     | 4.764 | 4.262 | 298.1E6  | 1294.2E6 | 58.083 | 52.032 |
| 8)                          | B Heptachlo...  | 5.691 | 4.872 | 257.1E6  | 1127.4E6 | 53.306 | 51.484 |
| 9)                          | A Endosulfan I  | 6.074 | 5.246 | 241.2E6  | 970.9E6  | 53.508 | 46.584 |
| 10)                         | B gamma-Chl...  | 5.946 | 5.125 | 260.3E6  | 1222.9E6 | 54.358 | 51.118 |
| 11)                         | B alpha-Chl...  | 6.027 | 5.189 | 259.7E6  | 1165.0E6 | 53.682 | 50.881 |
| 12)                         | B 4,4'-DDE      | 6.196 | 5.375 | 227.6E6  | 1171.8E6 | 52.181 | 51.135 |
| 13)                         | MA Dieldrin     | 6.347 | 5.512 | 255.6E6  | 1186.5E6 | 53.277 | 51.122 |
| 14)                         | MA Endrin       | 6.574 | 5.789 | 213.2E6  | 1124.7E6 | 51.668 | 51.794 |
| 15)                         | B Endosulfa...  | 6.786 | 6.079 | 212.0E6  | 1019.2E6 | 52.516 | 50.466 |
| 16)                         | A 4,4'-DDD      | 6.705 | 5.929 | 182.3E6  | 980.6E6  | 53.113 | 51.260 |
| 17)                         | MA 4,4'-DDT     | 7.021 | 6.183 | 185.2E6  | 982.4E6  | 48.893 | 48.442 |
| 18)                         | B Endrin al...  | 6.915 | 6.258 | 154.0E6  | 749.2E6  | 50.268 | 48.933 |
| 19)                         | B Endosulfa...  | 7.149 | 6.481 | 192.8E6  | 961.1E6  | 50.239 | 48.984 |
| 20)                         | A Methoxychlor  | 7.493 | 6.753 | 93602442 | 490.5E6  | 46.323 | 45.550 |
| 21)                         | B Endrin ke...  | 7.630 | 6.990 | 206.4E6  | 1054.5E6 | 50.676 | 48.814 |
| 22)                         | Mirex           | 8.113 | 7.184 | 148.6E6  | 803.3E6  | 48.864 | 48.166 |
| -----                       |                 |       |       |          |          |        |        |

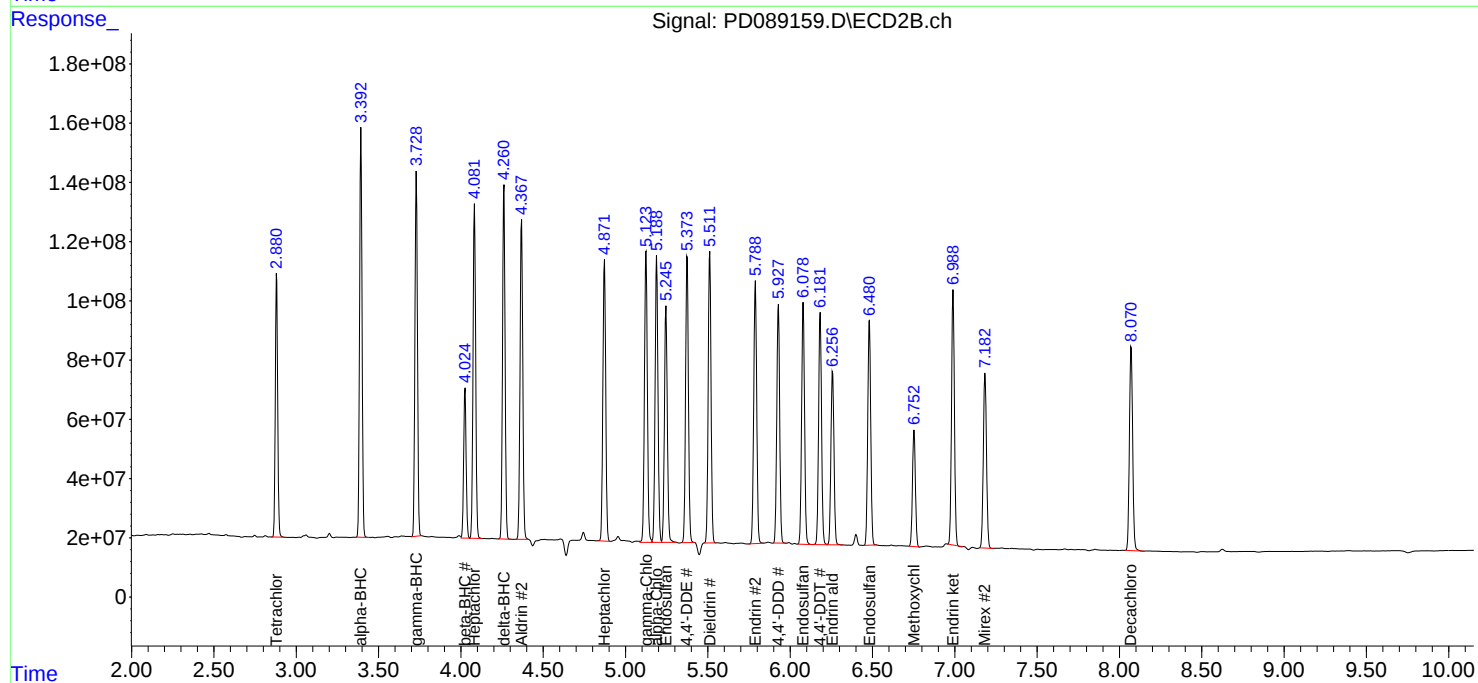
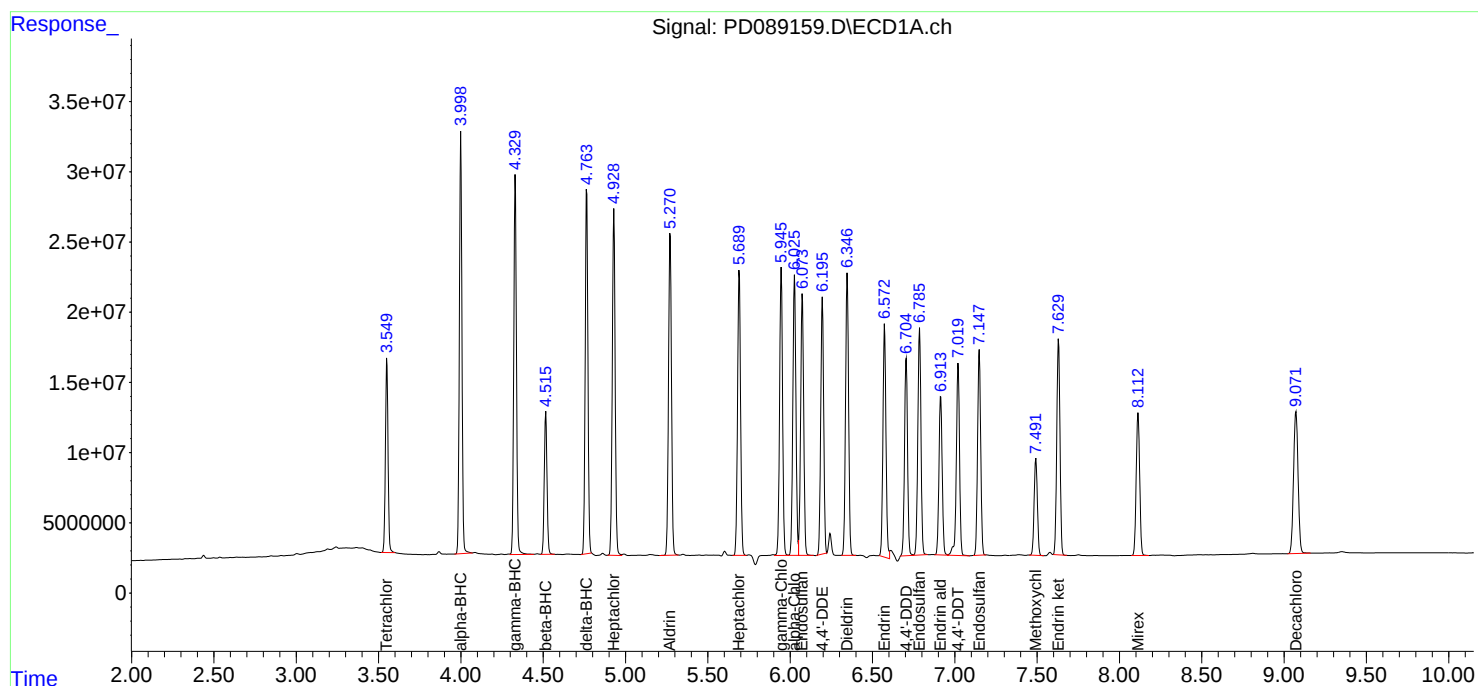
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062625\  
Data File : PD089159.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Jun 2025 11:47  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 26 23:27:37 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 18 05:39:05 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





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Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413 SAS No.: Q2413 SDG NO.: Q2413

Continuing Calib Date: 06/26/2025 Initial Calibration Date(s): 06/17/2025 06/17/2025

Continuing Calib Time: 17:20 Initial Calibration Time(s): 15:52 16:47

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

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 9.08       | 9.07      | 8.97      | 9.17 | -0.01      |
| Tetrachloro-m-xylene | 3.56       | 3.55      | 3.45      | 3.65 | -0.01      |
| alpha-BHC            | 4.00       | 4.00      | 3.90      | 4.10 | 0.00       |
| beta-BHC             | 4.52       | 4.52      | 4.42      | 4.62 | 0.00       |
| delta-BHC            | 4.77       | 4.76      | 4.66      | 4.86 | -0.01      |
| gamma-BHC (Lindane)  | 4.34       | 4.33      | 4.23      | 4.43 | -0.01      |
| Heptachlor           | 4.93       | 4.93      | 4.83      | 5.03 | 0.00       |
| Aldrin               | 5.28       | 5.27      | 5.17      | 5.37 | -0.01      |
| Heptachlor epoxide   | 5.70       | 5.69      | 5.59      | 5.79 | -0.01      |
| Endosulfan I         | 6.08       | 6.08      | 5.98      | 6.18 | 0.00       |
| Dieldrin             | 6.35       | 6.35      | 6.25      | 6.45 | 0.00       |
| 4,4'-DDE             | 6.20       | 6.20      | 6.10      | 6.30 | 0.00       |
| Endrin               | 6.58       | 6.58      | 6.48      | 6.68 | 0.00       |
| Endosulfan II        | 6.79       | 6.79      | 6.69      | 6.89 | 0.00       |
| 4,4'-DDD             | 6.71       | 6.71      | 6.61      | 6.81 | 0.00       |
| Endosulfan sulfate   | 7.15       | 7.15      | 7.05      | 7.25 | 0.00       |
| 4,4'-DDT             | 7.03       | 7.02      | 6.92      | 7.12 | -0.01      |
| Methoxychlor         | 7.50       | 7.49      | 7.39      | 7.59 | -0.01      |
| Endrin ketone        | 7.63       | 7.63      | 7.53      | 7.73 | 0.00       |
| Endrin aldehyde      | 6.92       | 6.92      | 6.82      | 7.02 | 0.00       |
| alpha-Chlordane      | 6.03       | 6.03      | 5.93      | 6.13 | 0.00       |
| gamma-Chlordane      | 5.95       | 5.95      | 5.85      | 6.05 | 0.00       |



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### CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413 SAS No.: Q2413 SDG NO.: Q2413

Continuing Calib Date: 06/26/2025 Initial Calibration Date(s): 06/17/2025 06/17/2025

Continuing Calib Time: 17:20 Initial Calibration Time(s): 15:52 16:47

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

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 8.07       | 8.07      | 7.97      | 8.17 | 0.00       |
| Tetrachloro-m-xylene | 2.88       | 2.88      | 2.78      | 2.98 | 0.00       |
| alpha-BHC            | 3.39       | 3.39      | 3.29      | 3.49 | 0.00       |
| beta-BHC             | 4.03       | 4.03      | 3.93      | 4.13 | 0.00       |
| delta-BHC            | 4.26       | 4.26      | 4.16      | 4.36 | 0.00       |
| gamma-BHC (Lindane)  | 3.73       | 3.73      | 3.63      | 3.83 | 0.00       |
| Heptachlor           | 4.08       | 4.08      | 3.98      | 4.18 | 0.00       |
| Aldrin               | 4.37       | 4.37      | 4.27      | 4.47 | 0.00       |
| Heptachlor epoxide   | 4.87       | 4.87      | 4.77      | 4.97 | 0.00       |
| Endosulfan I         | 5.25       | 5.25      | 5.15      | 5.35 | 0.00       |
| Dieldrin             | 5.51       | 5.51      | 5.41      | 5.61 | 0.00       |
| 4,4'-DDE             | 5.38       | 5.38      | 5.28      | 5.48 | 0.00       |
| Endrin               | 5.79       | 5.79      | 5.69      | 5.89 | 0.00       |
| Endosulfan II        | 6.08       | 6.08      | 5.98      | 6.18 | 0.00       |
| 4,4'-DDD             | 5.93       | 5.93      | 5.83      | 6.03 | 0.00       |
| Endosulfan sulfate   | 6.48       | 6.48      | 6.38      | 6.58 | 0.00       |
| 4,4'-DDT             | 6.18       | 6.18      | 6.08      | 6.28 | 0.00       |
| Methoxychlor         | 6.76       | 6.76      | 6.66      | 6.86 | 0.00       |
| Endrin ketone        | 6.99       | 6.99      | 6.89      | 7.09 | 0.00       |
| Endrin aldehyde      | 6.26       | 6.26      | 6.16      | 6.36 | 0.00       |
| alpha-Chlordane      | 5.19       | 5.19      | 5.09      | 5.29 | 0.00       |
| gamma-Chlordane      | 5.13       | 5.13      | 5.03      | 5.23 | 0.00       |



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### CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413 SAS No.: Q2413 SDG NO.: Q2413

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 06/17/2025 06/17/2025

Client Sample No.: CCAL02 Date Analyzed: 06/26/2025

Lab Sample No.: PSTDCCC050 Data File : PD089172.D Time Analyzed: 17:20

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| 4,4'-DDD             | 6.709 | 6.605     | 6.805 | 52.210             | 50.000            | 4.4   |
| 4,4'-DDE             | 6.200 | 6.096     | 6.296 | 53.450             | 50.000            | 6.9   |
| 4,4'-DDT             | 7.025 | 6.921     | 7.121 | 46.980             | 50.000            | -6.0  |
| Aldrin               | 5.275 | 5.171     | 5.371 | 55.770             | 50.000            | 11.5  |
| alpha-BHC            | 4.004 | 3.899     | 4.099 | 57.640             | 50.000            | 15.3  |
| alpha-Chlordane      | 6.031 | 5.927     | 6.127 | 53.780             | 50.000            | 7.6   |
| beta-BHC             | 4.520 | 4.415     | 4.615 | 54.870             | 50.000            | 9.7   |
| Decachlorobiphenyl   | 9.077 | 8.972     | 9.172 | 49.220             | 50.000            | -1.6  |
| delta-BHC            | 4.769 | 4.664     | 4.864 | 59.310             | 50.000            | 18.6  |
| Dieldrin             | 6.351 | 6.247     | 6.447 | 53.140             | 50.000            | 6.3   |
| Endosulfan I         | 6.078 | 5.975     | 6.175 | 53.750             | 50.000            | 7.5   |
| Endosulfan II        | 6.790 | 6.686     | 6.886 | 50.330             | 50.000            | 0.7   |
| Endosulfan sulfate   | 7.153 | 7.049     | 7.249 | 49.420             | 50.000            | -1.2  |
| Endrin               | 6.578 | 6.475     | 6.675 | 48.980             | 50.000            | -2.0  |
| Endrin aldehyde      | 6.919 | 6.815     | 7.015 | 49.300             | 50.000            | -1.4  |
| Endrin ketone        | 7.634 | 7.530     | 7.730 | 49.390             | 50.000            | -1.2  |
| gamma-BHC (Lindane)  | 4.335 | 4.230     | 4.430 | 56.910             | 50.000            | 13.8  |
| gamma-Chlordane      | 5.950 | 5.846     | 6.046 | 54.970             | 50.000            | 9.9   |
| Heptachlor           | 4.934 | 4.829     | 5.029 | 54.900             | 50.000            | 9.8   |
| Heptachlor epoxide   | 5.695 | 5.591     | 5.791 | 53.490             | 50.000            | 7.0   |
| Methoxychlor         | 7.497 | 7.393     | 7.593 | 42.870             | 50.000            | -14.3 |
| Tetrachloro-m-xylene | 3.555 | 3.450     | 3.650 | 57.010             | 50.000            | 14.0  |



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### CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413 SAS No.: Q2413 SDG NO.: Q2413

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 06/17/2025 06/17/2025

Client Sample No.: CCAL02 Date Analyzed: 06/26/2025

Lab Sample No.: PSTDCCC050 Data File : PD089172.D Time Analyzed: 17:20

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| 4,4'-DDD             | 5.930 | 5.830     | 6.030 | 49.850             | 50.000            | -0.3  |
| 4,4'-DDE             | 5.376 | 5.275     | 5.475 | 51.580             | 50.000            | 3.2   |
| 4,4'-DDT             | 6.184 | 6.084     | 6.284 | 46.860             | 50.000            | -6.3  |
| Aldrin               | 4.369 | 4.269     | 4.469 | 53.840             | 50.000            | 7.7   |
| alpha-BHC            | 3.393 | 3.293     | 3.493 | 54.360             | 50.000            | 8.7   |
| alpha-Chlordane      | 5.191 | 5.091     | 5.291 | 51.880             | 50.000            | 3.8   |
| beta-BHC             | 4.026 | 3.926     | 4.126 | 52.990             | 50.000            | 6.0   |
| Decachlorobiphenyl   | 8.073 | 7.972     | 8.172 | 44.560             | 50.000            | -10.9 |
| delta-BHC            | 4.262 | 4.162     | 4.362 | 53.600             | 50.000            | 7.2   |
| Dieldrin             | 5.513 | 5.413     | 5.613 | 51.790             | 50.000            | 3.6   |
| Endosulfan I         | 5.247 | 5.147     | 5.347 | 52.450             | 50.000            | 4.9   |
| Endosulfan II        | 6.081 | 5.981     | 6.181 | 50.470             | 50.000            | 0.9   |
| Endosulfan sulfate   | 6.483 | 6.383     | 6.583 | 48.080             | 50.000            | -3.8  |
| Endrin               | 5.789 | 5.689     | 5.889 | 48.870             | 50.000            | -2.3  |
| Endrin aldehyde      | 6.260 | 6.159     | 6.359 | 48.550             | 50.000            | -2.9  |
| Endrin ketone        | 6.992 | 6.892     | 7.092 | 46.790             | 50.000            | -6.4  |
| gamma-BHC (Lindane)  | 3.730 | 3.630     | 3.830 | 54.110             | 50.000            | 8.2   |
| gamma-Chlordane      | 5.126 | 5.026     | 5.226 | 52.120             | 50.000            | 4.2   |
| Heptachlor           | 4.083 | 3.983     | 4.183 | 51.710             | 50.000            | 3.4   |
| Heptachlor epoxide   | 4.873 | 4.773     | 4.973 | 54.670             | 50.000            | 9.3   |
| Methoxychlor         | 6.755 | 6.655     | 6.855 | 43.150             | 50.000            | -13.7 |
| Tetrachloro-m-xylene | 2.881 | 2.780     | 2.980 | 56.090             | 50.000            | 12.2  |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062625\  
 Data File : PD089172.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Jun 2025 17:20  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 26 23:30:59 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 18 05:39:05 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-----------------|-------|-------|----------|----------|--------|--------|
| -----                       |                 |       |       |          |          |        |        |
| System Monitoring Compounds |                 |       |       |          |          |        |        |
| 1)                          | SA Tetrachlo... | 3.555 | 2.881 | 162.6E6  | 950.9E6  | 57.006 | 56.091 |
| 2)                          | SA Decachlor... | 9.077 | 8.073 | 193.3E6  | 880.9E6  | 49.223 | 44.556 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 4.004 | 3.393 | 336.0E6  | 1456.7E6 | 57.643 | 54.359 |
| 3)                          | MA gamma-BHC... | 4.335 | 3.730 | 317.6E6  | 1339.5E6 | 56.906 | 54.108 |
| 4)                          | MA Heptachlor   | 4.934 | 4.083 | 299.3E6  | 1294.7E6 | 54.902 | 51.707 |
| 5)                          | MB Aldrin       | 5.275 | 4.369 | 296.3E6  | 1303.8E6 | 55.770 | 53.839 |
| 6)                          | B beta-BHC      | 4.520 | 4.026 | 121.1E6  | 569.4E6  | 54.865 | 52.990 |
| 7)                          | B delta-BHC     | 4.769 | 4.262 | 304.4E6  | 1333.2E6 | 59.311 | 53.601 |
| 8)                          | B Heptachlo...  | 5.695 | 4.873 | 258.0E6  | 1197.2E6 | 53.486 | 54.674 |
| 9)                          | A Endosulfan I  | 6.078 | 5.247 | 242.3E6  | 1093.3E6 | 53.748 | 52.453 |
| 10)                         | B gamma-Chl...  | 5.950 | 5.126 | 263.2E6  | 1246.8E6 | 54.973 | 52.119 |
| 11)                         | B alpha-Chl...  | 6.031 | 5.191 | 260.2E6  | 1187.8E6 | 53.781 | 51.876 |
| 12)                         | B 4,4'-DDE      | 6.200 | 5.376 | 233.1E6  | 1182.1E6 | 53.449 | 51.582 |
| 13)                         | MA Dieldrin     | 6.351 | 5.513 | 254.9E6  | 1202.1E6 | 53.137 | 51.795 |
| 14)                         | MA Endrin       | 6.578 | 5.789 | 202.1E6  | 1061.2E6 | 48.978 | 48.873 |
| 15)                         | B Endosulfa...  | 6.790 | 6.081 | 203.2E6  | 1019.4E6 | 50.328 | 50.474 |
| 16)                         | A 4,4'-DDD      | 6.709 | 5.930 | 179.2E6  | 953.7E6  | 52.206 | 49.855 |
| 17)                         | MA 4,4'-DDT     | 7.025 | 6.184 | 178.0E6  | 950.4E6  | 46.984 | 46.863 |
| 18)                         | B Endrin al...  | 6.919 | 6.260 | 151.0E6  | 743.3E6  | 49.298 | 48.548 |
| 19)                         | B Endosulfa...  | 7.153 | 6.483 | 189.7E6  | 943.4E6  | 49.424 | 48.082 |
| 20)                         | A Methoxychlor  | 7.497 | 6.755 | 86628840 | 464.7E6  | 42.872 | 43.153 |
| 21)                         | B Endrin ke...  | 7.634 | 6.992 | 201.2E6  | 1010.8E6 | 49.392 | 46.793 |
| 22)                         | Mirex           | 8.117 | 7.186 | 143.4E6  | 751.7E6  | 47.164 | 45.071 |
| -----                       |                 |       |       |          |          |        |        |

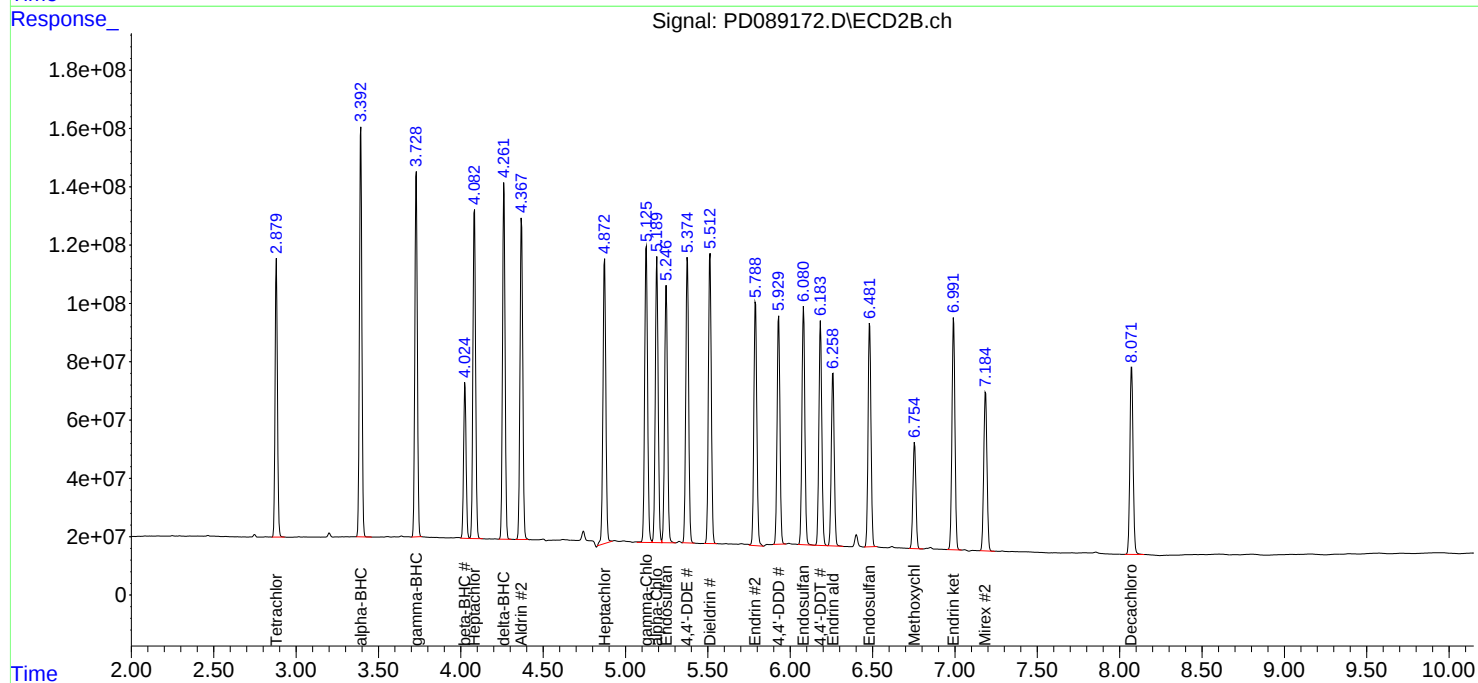
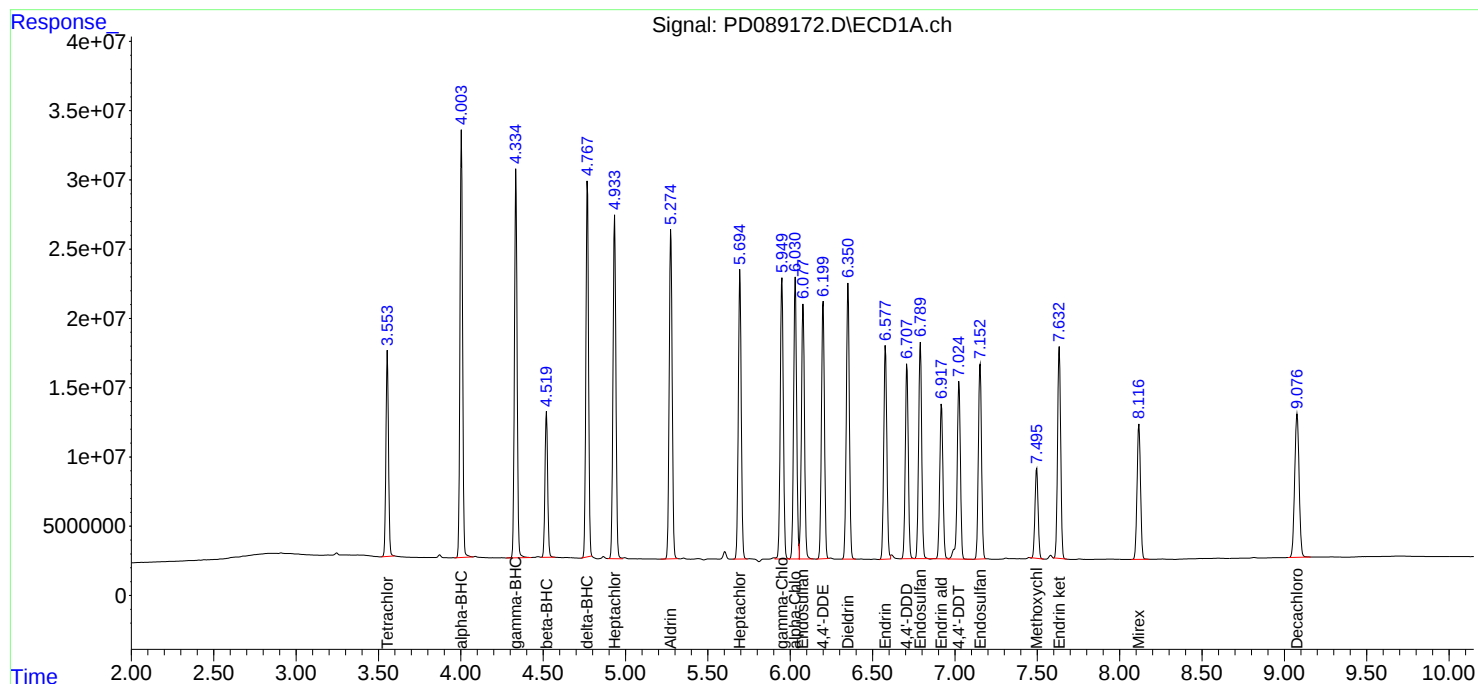
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062625\  
Data File : PD089172.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Jun 2025 17:20  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 26 23:30:59 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 18 05:39:05 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





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### CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413 SAS No.: Q2413 SDG NO.: Q2413

Continuing Calib Date: 06/27/2025 Initial Calibration Date(s): 06/17/2025 06/17/2025

Continuing Calib Time: 03:25 Initial Calibration Time(s): 15:52 16:47

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

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 9.07       | 9.07      | 8.97      | 9.17 | 0.00       |
| Tetrachloro-m-xylene | 3.55       | 3.55      | 3.45      | 3.65 | 0.00       |
| alpha-BHC            | 4.00       | 4.00      | 3.90      | 4.10 | 0.00       |
| beta-BHC             | 4.52       | 4.52      | 4.42      | 4.62 | 0.00       |
| delta-BHC            | 4.76       | 4.76      | 4.66      | 4.86 | 0.00       |
| gamma-BHC (Lindane)  | 4.33       | 4.33      | 4.23      | 4.43 | 0.00       |
| Heptachlor           | 4.93       | 4.93      | 4.83      | 5.03 | 0.00       |
| Aldrin               | 5.27       | 5.27      | 5.17      | 5.37 | 0.00       |
| Heptachlor epoxide   | 5.69       | 5.69      | 5.59      | 5.79 | 0.00       |
| Endosulfan I         | 6.07       | 6.08      | 5.98      | 6.18 | 0.01       |
| Dieldrin             | 6.35       | 6.35      | 6.25      | 6.45 | 0.00       |
| 4,4'-DDE             | 6.20       | 6.20      | 6.10      | 6.30 | 0.00       |
| Endrin               | 6.57       | 6.58      | 6.48      | 6.68 | 0.01       |
| Endosulfan II        | 6.79       | 6.79      | 6.69      | 6.89 | 0.00       |
| 4,4'-DDD             | 6.70       | 6.71      | 6.61      | 6.81 | 0.01       |
| Endosulfan sulfate   | 7.15       | 7.15      | 7.05      | 7.25 | 0.00       |
| 4,4'-DDT             | 7.02       | 7.02      | 6.92      | 7.12 | 0.00       |
| Methoxychlor         | 7.49       | 7.49      | 7.39      | 7.59 | 0.00       |
| Endrin ketone        | 7.63       | 7.63      | 7.53      | 7.73 | 0.00       |
| Endrin aldehyde      | 6.91       | 6.92      | 6.82      | 7.02 | 0.01       |
| alpha-Chlordane      | 6.03       | 6.03      | 5.93      | 6.13 | 0.00       |
| gamma-Chlordane      | 5.95       | 5.95      | 5.85      | 6.05 | 0.00       |



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### CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413 SAS No.: Q2413 SDG NO.: Q2413

Continuing Calib Date: 06/27/2025 Initial Calibration Date(s): 06/17/2025 06/17/2025

Continuing Calib Time: 03:25 Initial Calibration Time(s): 15:52 16:47

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

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 8.07       | 8.07      | 7.97      | 8.17 | 0.00       |
| Tetrachloro-m-xylene | 2.88       | 2.88      | 2.78      | 2.98 | 0.00       |
| alpha-BHC            | 3.39       | 3.39      | 3.29      | 3.49 | 0.00       |
| beta-BHC             | 4.03       | 4.03      | 3.93      | 4.13 | 0.00       |
| delta-BHC            | 4.26       | 4.26      | 4.16      | 4.36 | 0.00       |
| gamma-BHC (Lindane)  | 3.73       | 3.73      | 3.63      | 3.83 | 0.00       |
| Heptachlor           | 4.08       | 4.08      | 3.98      | 4.18 | 0.00       |
| Aldrin               | 4.37       | 4.37      | 4.27      | 4.47 | 0.00       |
| Heptachlor epoxide   | 4.87       | 4.87      | 4.77      | 4.97 | 0.00       |
| Endosulfan I         | 5.25       | 5.25      | 5.15      | 5.35 | 0.00       |
| Dieldrin             | 5.51       | 5.51      | 5.41      | 5.61 | 0.00       |
| 4,4'-DDE             | 5.37       | 5.38      | 5.28      | 5.48 | 0.01       |
| Endrin               | 5.79       | 5.79      | 5.69      | 5.89 | 0.00       |
| Endosulfan II        | 6.08       | 6.08      | 5.98      | 6.18 | 0.00       |
| 4,4'-DDD             | 5.93       | 5.93      | 5.83      | 6.03 | 0.00       |
| Endosulfan sulfate   | 6.48       | 6.48      | 6.38      | 6.58 | 0.00       |
| 4,4'-DDT             | 6.18       | 6.18      | 6.08      | 6.28 | 0.00       |
| Methoxychlor         | 6.75       | 6.76      | 6.66      | 6.86 | 0.01       |
| Endrin ketone        | 6.99       | 6.99      | 6.89      | 7.09 | 0.00       |
| Endrin aldehyde      | 6.26       | 6.26      | 6.16      | 6.36 | 0.00       |
| alpha-Chlordane      | 5.19       | 5.19      | 5.09      | 5.29 | 0.00       |
| gamma-Chlordane      | 5.13       | 5.13      | 5.03      | 5.23 | 0.00       |



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### CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413 SAS No.: Q2413 SDG NO.: Q2413

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 06/17/2025 06/17/2025

Client Sample No.: CCAL03 Date Analyzed: 06/27/2025

Lab Sample No.: PSTDCCC050 Data File : PD089176.D Time Analyzed: 03:25

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| 4,4'-DDD             | 6.704 | 6.605     | 6.805 | 55.140             | 50.000            | 10.3  |
| 4,4'-DDE             | 6.195 | 6.096     | 6.296 | 55.960             | 50.000            | 11.9  |
| 4,4'-DDT             | 7.021 | 6.921     | 7.121 | 49.570             | 50.000            | -0.9  |
| Aldrin               | 5.271 | 5.171     | 5.371 | 58.050             | 50.000            | 16.1  |
| alpha-BHC            | 4.000 | 3.899     | 4.099 | 59.200             | 50.000            | 18.4  |
| alpha-Chlordane      | 6.027 | 5.927     | 6.127 | 55.950             | 50.000            | 11.9  |
| beta-BHC             | 4.516 | 4.415     | 4.615 | 56.150             | 50.000            | 12.3  |
| Decachlorobiphenyl   | 9.072 | 8.972     | 9.172 | 51.290             | 50.000            | 2.6   |
| delta-BHC            | 4.764 | 4.664     | 4.864 | 61.300             | 50.000            | 22.6  |
| Dieldrin             | 6.347 | 6.247     | 6.447 | 55.610             | 50.000            | 11.2  |
| Endosulfan I         | 6.074 | 5.975     | 6.175 | 55.920             | 50.000            | 11.8  |
| Endosulfan II        | 6.786 | 6.686     | 6.886 | 53.380             | 50.000            | 6.8   |
| Endosulfan sulfate   | 7.149 | 7.049     | 7.249 | 52.100             | 50.000            | 4.2   |
| Endrin               | 6.574 | 6.475     | 6.675 | 51.810             | 50.000            | 3.6   |
| Endrin aldehyde      | 6.914 | 6.815     | 7.015 | 52.050             | 50.000            | 4.1   |
| Endrin ketone        | 7.629 | 7.530     | 7.730 | 51.950             | 50.000            | 3.9   |
| gamma-BHC (Lindane)  | 4.331 | 4.230     | 4.430 | 58.540             | 50.000            | 17.1  |
| gamma-Chlordane      | 5.946 | 5.846     | 6.046 | 57.530             | 50.000            | 15.1  |
| Heptachlor           | 4.929 | 4.829     | 5.029 | 56.570             | 50.000            | 13.1  |
| Heptachlor epoxide   | 5.690 | 5.591     | 5.791 | 56.070             | 50.000            | 12.1  |
| Methoxychlor         | 7.493 | 7.393     | 7.593 | 44.260             | 50.000            | -11.5 |
| Tetrachloro-m-xylene | 3.551 | 3.450     | 3.650 | 58.530             | 50.000            | 17.1  |



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### CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413 SAS No.: Q2413 SDG NO.: Q2413

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 06/17/2025 06/17/2025

Client Sample No.: CCAL03 Date Analyzed: 06/27/2025

Lab Sample No.: PSTDCCC050 Data File : PD089176.D Time Analyzed: 03:25

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| 4,4'-DDD             | 5.928 | 5.830     | 6.030 | 51.620             | 50.000            | 3.2   |
| 4,4'-DDE             | 5.374 | 5.275     | 5.475 | 53.890             | 50.000            | 7.8   |
| 4,4'-DDT             | 6.182 | 6.084     | 6.284 | 48.080             | 50.000            | -3.8  |
| Aldrin               | 4.368 | 4.269     | 4.469 | 55.330             | 50.000            | 10.7  |
| alpha-BHC            | 3.393 | 3.293     | 3.493 | 55.980             | 50.000            | 12.0  |
| alpha-Chlordane      | 5.189 | 5.091     | 5.291 | 53.700             | 50.000            | 7.4   |
| beta-BHC             | 4.025 | 3.926     | 4.126 | 54.810             | 50.000            | 9.6   |
| Decachlorobiphenyl   | 8.071 | 7.972     | 8.172 | 46.750             | 50.000            | -6.5  |
| delta-BHC            | 4.262 | 4.162     | 4.362 | 55.070             | 50.000            | 10.1  |
| Dieldrin             | 5.512 | 5.413     | 5.613 | 53.990             | 50.000            | 8.0   |
| Endosulfan I         | 5.246 | 5.147     | 5.347 | 54.380             | 50.000            | 8.8   |
| Endosulfan II        | 6.079 | 5.981     | 6.181 | 52.150             | 50.000            | 4.3   |
| Endosulfan sulfate   | 6.481 | 6.383     | 6.583 | 50.440             | 50.000            | 0.9   |
| Endrin               | 5.788 | 5.689     | 5.889 | 50.380             | 50.000            | 0.8   |
| Endrin aldehyde      | 6.258 | 6.159     | 6.359 | 50.110             | 50.000            | 0.2   |
| Endrin ketone        | 6.990 | 6.892     | 7.092 | 50.220             | 50.000            | 0.4   |
| gamma-BHC (Lindane)  | 3.729 | 3.630     | 3.830 | 55.710             | 50.000            | 11.4  |
| gamma-Chlordane      | 5.125 | 5.026     | 5.226 | 53.800             | 50.000            | 7.6   |
| Heptachlor           | 4.082 | 3.983     | 4.183 | 53.010             | 50.000            | 6.0   |
| Heptachlor epoxide   | 4.872 | 4.773     | 4.973 | 55.860             | 50.000            | 11.7  |
| Methoxychlor         | 6.752 | 6.655     | 6.855 | 44.470             | 50.000            | -11.1 |
| Tetrachloro-m-xylene | 2.881 | 2.780     | 2.980 | 58.020             | 50.000            | 16.0  |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062725\  
 Data File : PD089176.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Jun 2025 03:25  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 28 05:34:56 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 18 05:39:05 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-----------------|-------|-------|----------|----------|--------|--------|
| -----                       |                 |       |       |          |          |        |        |
| System Monitoring Compounds |                 |       |       |          |          |        |        |
| 1)                          | SA Tetrachlo... | 3.551 | 2.881 | 167.0E6  | 983.7E6  | 58.532 | 58.024 |
| 28)                         | SA Decachlor... | 9.072 | 8.071 | 201.5E6  | 924.2E6  | 51.293 | 46.750 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 4.000 | 3.393 | 345.1E6  | 1500.2E6 | 59.201 | 55.982 |
| 3)                          | MA gamma-BHC... | 4.331 | 3.729 | 326.7E6  | 1379.2E6 | 58.536 | 55.712 |
| 4)                          | MA Heptachlor   | 4.929 | 4.082 | 308.4E6  | 1327.4E6 | 56.570 | 53.013 |
| 5)                          | MB Aldrin       | 5.271 | 4.368 | 308.4E6  | 1339.9E6 | 58.046 | 55.326 |
| 6)                          | B beta-BHC      | 4.516 | 4.025 | 123.9E6  | 589.0E6  | 56.152 | 54.808 |
| 7)                          | B delta-BHC     | 4.764 | 4.262 | 314.7E6  | 1369.9E6 | 61.303 | 55.073 |
| 8)                          | B Heptachlo...  | 5.690 | 4.872 | 270.5E6  | 1223.2E6 | 56.074 | 55.857 |
| 9)                          | A Endosulfan I  | 6.074 | 5.246 | 252.1E6  | 1133.5E6 | 55.920 | 54.384 |
| 10)                         | B gamma-Chl...  | 5.946 | 5.125 | 275.5E6  | 1287.2E6 | 57.533 | 53.805 |
| 11)                         | B alpha-Chl...  | 6.027 | 5.189 | 270.7E6  | 1229.7E6 | 55.946 | 53.704 |
| 12)                         | B 4,4'-DDE      | 6.195 | 5.374 | 244.1E6  | 1234.9E6 | 55.963 | 53.887 |
| 13)                         | MA Dieldrin     | 6.347 | 5.512 | 266.8E6  | 1253.0E6 | 55.607 | 53.989 |
| 14)                         | MA Endrin       | 6.574 | 5.788 | 213.8E6  | 1093.9E6 | 51.813 | 50.377 |
| 15)                         | B Endosulfa...  | 6.786 | 6.079 | 215.5E6  | 1053.2E6 | 53.385 | 52.146 |
| 16)                         | A 4,4'-DDD      | 6.704 | 5.928 | 189.2E6  | 987.4E6  | 55.137 | 51.615 |
| 17)                         | MA 4,4'-DDT     | 7.021 | 6.182 | 187.8E6  | 975.0E6  | 49.571 | 48.080 |
| 18)                         | B Endrin al...  | 6.914 | 6.258 | 159.5E6  | 767.2E6  | 52.047 | 50.105 |
| 19)                         | B Endosulfa...  | 7.149 | 6.481 | 199.9E6  | 989.7E6  | 52.103 | 50.442 |
| 20)                         | A Methoxychlor  | 7.493 | 6.752 | 89438509 | 478.9E6  | 44.263 | 44.472 |
| 21)                         | B Endrin ke...  | 7.629 | 6.990 | 211.6E6  | 1084.9E6 | 51.951 | 50.224 |
| 22)                         | Mirex           | 8.113 | 7.184 | 150.2E6  | 802.9E6  | 49.389 | 48.144 |
| -----                       |                 |       |       |          |          |        |        |

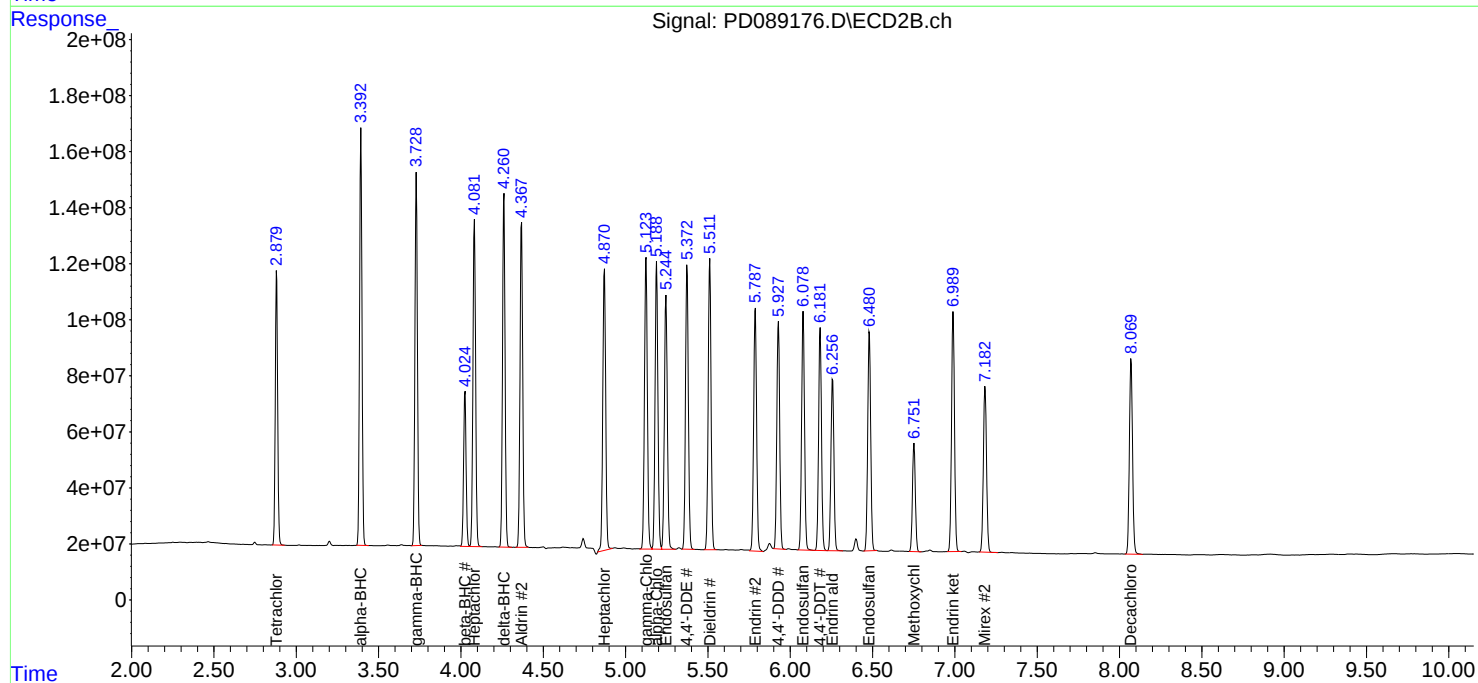
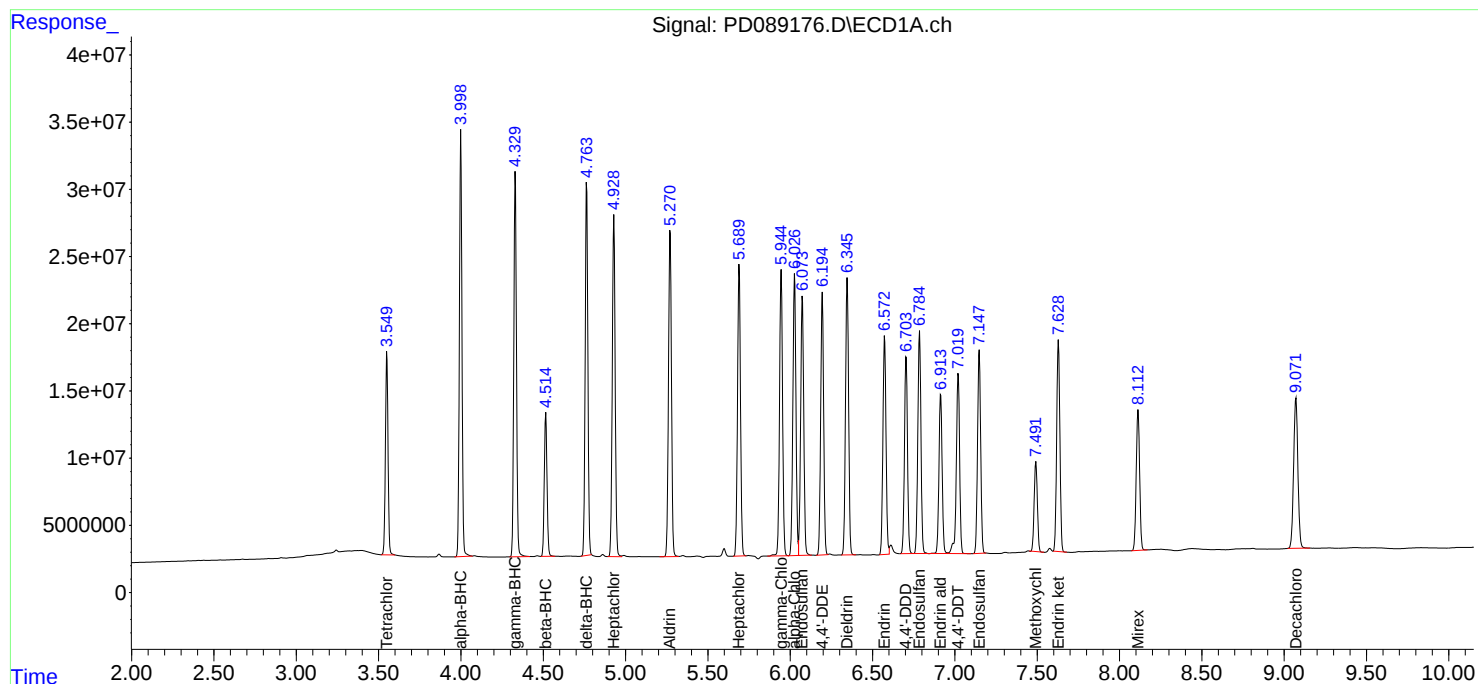
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062725\  
Data File : PD089176.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Jun 2025 03:25  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 28 05:34:56 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 18 05:39:05 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





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### CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413 SAS No.: Q2413 SDG NO.: Q2413

Continuing Calib Date: 06/27/2025 Initial Calibration Date(s): 06/17/2025 06/17/2025

Continuing Calib Time: 12:53 Initial Calibration Time(s): 15:52 16:47

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

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 9.07       | 9.07      | 8.97      | 9.17 | 0.00       |
| Tetrachloro-m-xylene | 3.55       | 3.55      | 3.45      | 3.65 | 0.00       |
| alpha-BHC            | 4.00       | 4.00      | 3.90      | 4.10 | 0.00       |
| beta-BHC             | 4.52       | 4.52      | 4.42      | 4.62 | 0.00       |
| delta-BHC            | 4.77       | 4.76      | 4.66      | 4.86 | -0.01      |
| gamma-BHC (Lindane)  | 4.33       | 4.33      | 4.23      | 4.43 | 0.00       |
| Heptachlor           | 4.93       | 4.93      | 4.83      | 5.03 | 0.00       |
| Aldrin               | 5.27       | 5.27      | 5.17      | 5.37 | 0.00       |
| Heptachlor epoxide   | 5.69       | 5.69      | 5.59      | 5.79 | 0.00       |
| Endosulfan I         | 6.08       | 6.08      | 5.98      | 6.18 | 0.00       |
| Dieldrin             | 6.35       | 6.35      | 6.25      | 6.45 | 0.00       |
| 4,4'-DDE             | 6.20       | 6.20      | 6.10      | 6.30 | 0.00       |
| Endrin               | 6.58       | 6.58      | 6.48      | 6.68 | 0.01       |
| Endosulfan II        | 6.79       | 6.79      | 6.69      | 6.89 | 0.00       |
| 4,4'-DDD             | 6.71       | 6.71      | 6.61      | 6.81 | 0.00       |
| Endosulfan sulfate   | 7.15       | 7.15      | 7.05      | 7.25 | 0.00       |
| 4,4'-DDT             | 7.02       | 7.02      | 6.92      | 7.12 | 0.00       |
| Methoxychlor         | 7.50       | 7.49      | 7.39      | 7.59 | 0.00       |
| Endrin ketone        | 7.63       | 7.63      | 7.53      | 7.73 | 0.00       |
| Endrin aldehyde      | 6.92       | 6.92      | 6.82      | 7.02 | 0.00       |
| alpha-Chlordane      | 6.03       | 6.03      | 5.93      | 6.13 | 0.00       |
| gamma-Chlordane      | 5.95       | 5.95      | 5.85      | 6.05 | 0.00       |



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### CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413 SAS No.: Q2413 SDG NO.: Q2413

Continuing Calib Date: 06/27/2025 Initial Calibration Date(s): 06/17/2025 06/17/2025

Continuing Calib Time: 12:53 Initial Calibration Time(s): 15:52 16:47

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

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 8.07       | 8.07      | 7.97      | 8.17 | 0.00       |
| Tetrachloro-m-xylene | 2.88       | 2.88      | 2.78      | 2.98 | 0.00       |
| alpha-BHC            | 3.39       | 3.39      | 3.29      | 3.49 | 0.00       |
| beta-BHC             | 4.03       | 4.03      | 3.93      | 4.13 | 0.00       |
| delta-BHC            | 4.26       | 4.26      | 4.16      | 4.36 | 0.00       |
| gamma-BHC (Lindane)  | 3.73       | 3.73      | 3.63      | 3.83 | 0.00       |
| Heptachlor           | 4.08       | 4.08      | 3.98      | 4.18 | 0.00       |
| Aldrin               | 4.37       | 4.37      | 4.27      | 4.47 | 0.00       |
| Heptachlor epoxide   | 4.87       | 4.87      | 4.77      | 4.97 | 0.00       |
| Endosulfan I         | 5.25       | 5.25      | 5.15      | 5.35 | 0.00       |
| Dieldrin             | 5.51       | 5.51      | 5.41      | 5.61 | 0.00       |
| 4,4'-DDE             | 5.37       | 5.38      | 5.28      | 5.48 | 0.01       |
| Endrin               | 5.79       | 5.79      | 5.69      | 5.89 | 0.00       |
| Endosulfan II        | 6.08       | 6.08      | 5.98      | 6.18 | 0.00       |
| 4,4'-DDD             | 5.93       | 5.93      | 5.83      | 6.03 | 0.00       |
| Endosulfan sulfate   | 6.48       | 6.48      | 6.38      | 6.58 | 0.00       |
| 4,4'-DDT             | 6.18       | 6.18      | 6.08      | 6.28 | 0.00       |
| Methoxychlor         | 6.75       | 6.76      | 6.66      | 6.86 | 0.01       |
| Endrin ketone        | 6.99       | 6.99      | 6.89      | 7.09 | 0.00       |
| Endrin aldehyde      | 6.26       | 6.26      | 6.16      | 6.36 | 0.00       |
| alpha-Chlordane      | 5.19       | 5.19      | 5.09      | 5.29 | 0.00       |
| gamma-Chlordane      | 5.13       | 5.13      | 5.03      | 5.23 | 0.00       |



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### CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413 SAS No.: Q2413 SDG NO.: Q2413

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 06/17/2025 06/17/2025

Client Sample No.: CCAL04 Date Analyzed: 06/27/2025

Lab Sample No.: PSTDCCC050 Data File : PD089188.D Time Analyzed: 12:53

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| 4,4'-DDD             | 6.706 | 6.605     | 6.805 | 52.920             | 50.000            | 5.8   |
| 4,4'-DDE             | 6.197 | 6.096     | 6.296 | 52.760             | 50.000            | 5.5   |
| 4,4'-DDT             | 7.022 | 6.921     | 7.121 | 41.870             | 50.000            | -16.3 |
| Aldrin               | 5.273 | 5.171     | 5.371 | 56.700             | 50.000            | 13.4  |
| alpha-BHC            | 4.001 | 3.899     | 4.099 | 58.280             | 50.000            | 16.6  |
| alpha-Chlordane      | 6.028 | 5.927     | 6.127 | 54.740             | 50.000            | 9.5   |
| beta-BHC             | 4.518 | 4.415     | 4.615 | 55.030             | 50.000            | 10.1  |
| Decachlorobiphenyl   | 9.074 | 8.972     | 9.172 | 47.460             | 50.000            | -5.1  |
| delta-BHC            | 4.766 | 4.664     | 4.864 | 59.810             | 50.000            | 19.6  |
| Dieldrin             | 6.348 | 6.247     | 6.447 | 53.510             | 50.000            | 7.0   |
| Endosulfan I         | 6.076 | 5.975     | 6.175 | 53.660             | 50.000            | 7.3   |
| Endosulfan II        | 6.787 | 6.686     | 6.886 | 51.560             | 50.000            | 3.1   |
| Endosulfan sulfate   | 7.151 | 7.049     | 7.249 | 48.780             | 50.000            | -2.4  |
| Endrin               | 6.575 | 6.475     | 6.675 | 49.740             | 50.000            | -0.5  |
| Endrin aldehyde      | 6.916 | 6.815     | 7.015 | 47.780             | 50.000            | -4.4  |
| Endrin ketone        | 7.631 | 7.530     | 7.730 | 48.700             | 50.000            | -2.6  |
| gamma-BHC (Lindane)  | 4.332 | 4.230     | 4.430 | 57.160             | 50.000            | 14.3  |
| gamma-Chlordane      | 5.947 | 5.846     | 6.046 | 56.600             | 50.000            | 13.2  |
| Heptachlor           | 4.931 | 4.829     | 5.029 | 51.810             | 50.000            | 3.6   |
| Heptachlor epoxide   | 5.692 | 5.591     | 5.791 | 53.630             | 50.000            | 7.3   |
| Methoxychlor         | 7.495 | 7.393     | 7.593 | 41.710             | 50.000            | -16.6 |
| Tetrachloro-m-xylene | 3.553 | 3.450     | 3.650 | 57.800             | 50.000            | 15.6  |



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### CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413 SAS No.: Q2413 SDG NO.: Q2413

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 06/17/2025 06/17/2025

Client Sample No.: CCAL04 Date Analyzed: 06/27/2025

Lab Sample No.: PSTDCCC050 Data File : PD089188.D Time Analyzed: 12:53

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| 4,4'-DDD             | 5.928 | 5.830     | 6.030 | 50.730             | 50.000            | 1.5   |
| 4,4'-DDE             | 5.374 | 5.275     | 5.475 | 52.450             | 50.000            | 4.9   |
| 4,4'-DDT             | 6.182 | 6.084     | 6.284 | 42.840             | 50.000            | -14.3 |
| Aldrin               | 4.368 | 4.269     | 4.469 | 54.590             | 50.000            | 9.2   |
| alpha-BHC            | 3.393 | 3.293     | 3.493 | 55.380             | 50.000            | 10.8  |
| alpha-Chlordane      | 5.189 | 5.091     | 5.291 | 53.310             | 50.000            | 6.6   |
| beta-BHC             | 4.025 | 3.926     | 4.126 | 53.250             | 50.000            | 6.5   |
| Decachlorobiphenyl   | 8.072 | 7.972     | 8.172 | 44.640             | 50.000            | -10.7 |
| delta-BHC            | 4.261 | 4.162     | 4.362 | 54.340             | 50.000            | 8.7   |
| Dieldrin             | 5.512 | 5.413     | 5.613 | 52.640             | 50.000            | 5.3   |
| Endosulfan I         | 5.246 | 5.147     | 5.347 | 52.920             | 50.000            | 5.8   |
| Endosulfan II        | 6.079 | 5.981     | 6.181 | 51.330             | 50.000            | 2.7   |
| Endosulfan sulfate   | 6.481 | 6.383     | 6.583 | 48.770             | 50.000            | -2.5  |
| Endrin               | 5.788 | 5.689     | 5.889 | 49.850             | 50.000            | -0.3  |
| Endrin aldehyde      | 6.257 | 6.159     | 6.359 | 48.640             | 50.000            | -2.7  |
| Endrin ketone        | 6.990 | 6.892     | 7.092 | 47.270             | 50.000            | -5.5  |
| gamma-BHC (Lindane)  | 3.729 | 3.630     | 3.830 | 54.810             | 50.000            | 9.6   |
| gamma-Chlordane      | 5.125 | 5.026     | 5.226 | 54.490             | 50.000            | 9.0   |
| Heptachlor           | 4.082 | 3.983     | 4.183 | 49.790             | 50.000            | -0.4  |
| Heptachlor epoxide   | 4.871 | 4.773     | 4.973 | 54.520             | 50.000            | 9.0   |
| Methoxychlor         | 6.753 | 6.655     | 6.855 | 43.610             | 50.000            | -12.8 |
| Tetrachloro-m-xylene | 2.881 | 2.780     | 2.980 | 57.130             | 50.000            | 14.3  |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062725\  
 Data File : PD089188.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Jun 2025 12:53  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 28 05:37:20 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 18 05:39:05 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-----------------|-------|-------|----------|----------|--------|--------|
| -----                       |                 |       |       |          |          |        |        |
| System Monitoring Compounds |                 |       |       |          |          |        |        |
| 1)                          | SA Tetrachlo... | 3.553 | 2.881 | 164.9E6  | 968.6E6  | 57.795 | 57.135 |
| 28)                         | SA Decachlor... | 9.074 | 8.072 | 186.4E6  | 882.4E6  | 47.460 | 44.636 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 4.001 | 3.393 | 339.7E6  | 1483.9E6 | 58.278 | 55.376 |
| 3)                          | MA gamma-BHC... | 4.332 | 3.729 | 319.1E6  | 1357.0E6 | 57.165 | 54.815 |
| 4)                          | MA Heptachlor   | 4.931 | 4.082 | 282.5E6  | 1246.7E6 | 51.812 | 49.793 |
| 5)                          | MB Aldrin       | 5.273 | 4.368 | 301.2E6  | 1322.1E6 | 56.698 | 54.595 |
| 6)                          | B beta-BHC      | 4.518 | 4.025 | 121.5E6  | 572.2E6  | 55.031 | 53.248 |
| 7)                          | B delta-BHC     | 4.766 | 4.261 | 307.0E6  | 1351.5E6 | 59.807 | 54.336 |
| 8)                          | B Heptachlo...  | 5.692 | 4.871 | 258.7E6  | 1193.8E6 | 53.631 | 54.515 |
| 9)                          | A Endosulfan I  | 6.076 | 5.246 | 241.9E6  | 1103.0E6 | 53.657 | 52.923 |
| 10)                         | B gamma-Chl...  | 5.947 | 5.125 | 271.0E6  | 1303.4E6 | 56.596 | 54.485 |
| 11)                         | B alpha-Chl...  | 6.028 | 5.189 | 264.9E6  | 1220.7E6 | 54.740 | 53.314 |
| 12)                         | B 4,4'-DDE      | 6.197 | 5.374 | 230.1E6  | 1202.0E6 | 52.764 | 52.451 |
| 13)                         | MA Dieldrin     | 6.348 | 5.512 | 256.7E6  | 1221.7E6 | 53.510 | 52.641 |
| 14)                         | MA Endrin       | 6.575 | 5.788 | 205.2E6  | 1082.4E6 | 49.739 | 49.849 |
| 15)                         | B Endosulfa...  | 6.787 | 6.079 | 208.1E6  | 1036.8E6 | 51.560 | 51.334 |
| 16)                         | A 4,4'-DDD      | 6.706 | 5.928 | 181.6E6  | 970.4E6  | 52.921 | 50.729 |
| 17)                         | MA 4,4'-DDT     | 7.022 | 6.182 | 158.6E6  | 868.9E6  | 41.870 | 42.845 |
| 18)                         | B Endrin al...  | 6.916 | 6.257 | 146.4E6  | 744.7E6  | 47.779 | 48.636 |
| 19)                         | B Endosulfa...  | 7.151 | 6.481 | 187.2E6  | 956.9E6  | 48.781 | 48.769 |
| 20)                         | A Methoxychlor  | 7.495 | 6.753 | 84285924 | 469.6E6  | 41.713 | 43.610 |
| 21)                         | B Endrin ke...  | 7.631 | 6.990 | 198.4E6  | 1021.1E6 | 48.704 | 47.268 |
| 22)                         | Mirex           | 8.115 | 7.184 | 140.5E6  | 762.7E6  | 46.229 | 45.733 |
| -----                       |                 |       |       |          |          |        |        |

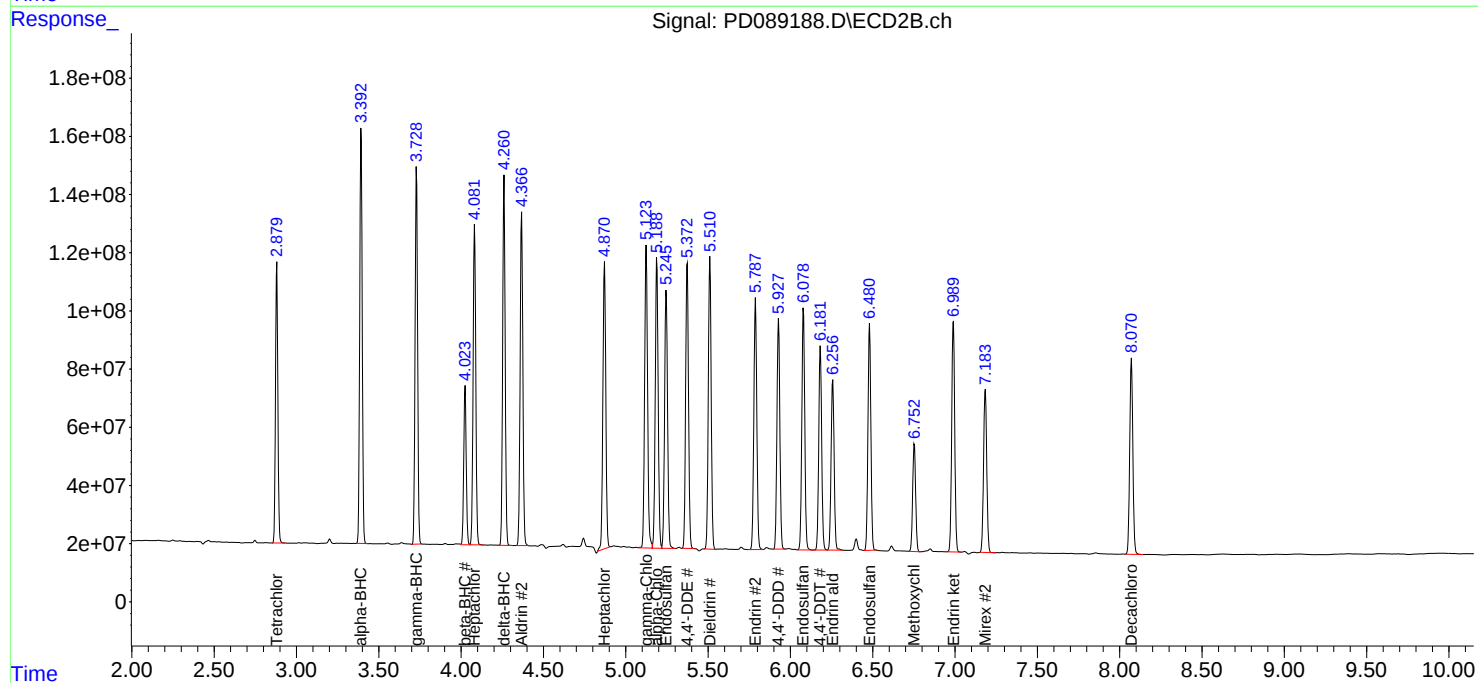
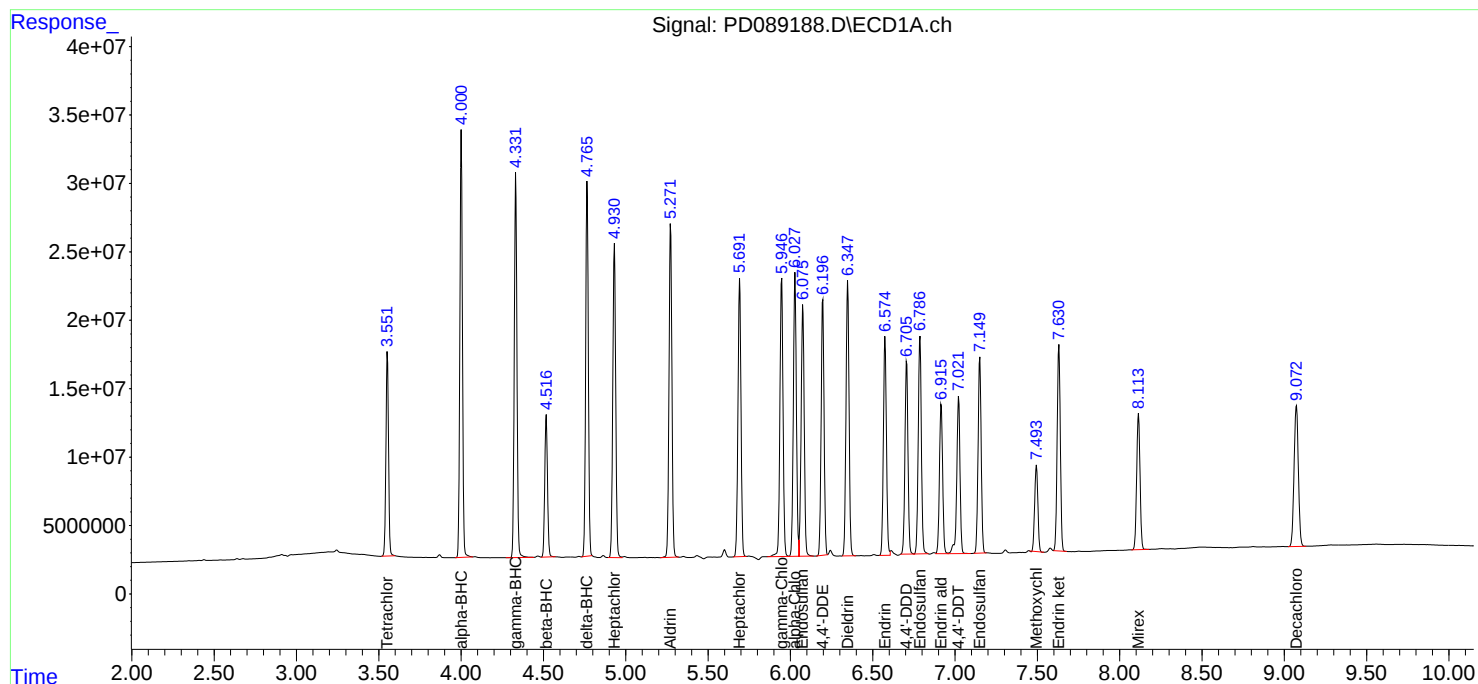
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062725\  
Data File : PD089188.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Jun 2025 12:53  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 28 05:37:20 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 18 05:39:05 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





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

### CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413 SAS No.: Q2413 SDG NO.: Q2413

Continuing Calib Date: 06/27/2025 Initial Calibration Date(s): 06/17/2025 06/17/2025

Continuing Calib Time: 18:46 Initial Calibration Time(s): 15:52 16:47

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

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 9.07       | 9.07      | 8.97      | 9.17 | 0.00       |
| Tetrachloro-m-xylene | 3.55       | 3.55      | 3.45      | 3.65 | 0.00       |
| alpha-BHC            | 4.00       | 4.00      | 3.90      | 4.10 | 0.00       |
| beta-BHC             | 4.52       | 4.52      | 4.42      | 4.62 | 0.01       |
| delta-BHC            | 4.76       | 4.76      | 4.66      | 4.86 | 0.00       |
| gamma-BHC (Lindane)  | 4.33       | 4.33      | 4.23      | 4.43 | 0.00       |
| Heptachlor           | 4.93       | 4.93      | 4.83      | 5.03 | 0.00       |
| Aldrin               | 5.27       | 5.27      | 5.17      | 5.37 | 0.00       |
| Heptachlor epoxide   | 5.69       | 5.69      | 5.59      | 5.79 | 0.00       |
| Endosulfan I         | 6.07       | 6.08      | 5.98      | 6.18 | 0.01       |
| Dieldrin             | 6.35       | 6.35      | 6.25      | 6.45 | 0.00       |
| 4,4'-DDE             | 6.20       | 6.20      | 6.10      | 6.30 | 0.00       |
| Endrin               | 6.57       | 6.58      | 6.48      | 6.68 | 0.01       |
| Endosulfan II        | 6.79       | 6.79      | 6.69      | 6.89 | 0.01       |
| 4,4'-DDD             | 6.70       | 6.71      | 6.61      | 6.81 | 0.01       |
| Endosulfan sulfate   | 7.15       | 7.15      | 7.05      | 7.25 | 0.00       |
| 4,4'-DDT             | 7.02       | 7.02      | 6.92      | 7.12 | 0.00       |
| Methoxychlor         | 7.49       | 7.49      | 7.39      | 7.59 | 0.00       |
| Endrin ketone        | 7.63       | 7.63      | 7.53      | 7.73 | 0.00       |
| Endrin aldehyde      | 6.91       | 6.92      | 6.82      | 7.02 | 0.01       |
| alpha-Chlordane      | 6.03       | 6.03      | 5.93      | 6.13 | 0.00       |
| gamma-Chlordane      | 5.95       | 5.95      | 5.85      | 6.05 | 0.00       |



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### CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413 SAS No.: Q2413 SDG NO.: Q2413

Continuing Calib Date: 06/27/2025 Initial Calibration Date(s): 06/17/2025 06/17/2025

Continuing Calib Time: 18:46 Initial Calibration Time(s): 15:52 16:47

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

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 8.07       | 8.07      | 7.97      | 8.17 | 0.00       |
| Tetrachloro-m-xylene | 2.88       | 2.88      | 2.78      | 2.98 | 0.00       |
| alpha-BHC            | 3.39       | 3.39      | 3.29      | 3.49 | 0.00       |
| beta-BHC             | 4.02       | 4.03      | 3.93      | 4.13 | 0.01       |
| delta-BHC            | 4.26       | 4.26      | 4.16      | 4.36 | 0.00       |
| gamma-BHC (Lindane)  | 3.73       | 3.73      | 3.63      | 3.83 | 0.00       |
| Heptachlor           | 4.08       | 4.08      | 3.98      | 4.18 | 0.00       |
| Aldrin               | 4.37       | 4.37      | 4.27      | 4.47 | 0.00       |
| Heptachlor epoxide   | 4.87       | 4.87      | 4.77      | 4.97 | 0.00       |
| Endosulfan I         | 5.25       | 5.25      | 5.15      | 5.35 | 0.00       |
| Dieldrin             | 5.51       | 5.51      | 5.41      | 5.61 | 0.00       |
| 4,4'-DDE             | 5.37       | 5.38      | 5.28      | 5.48 | 0.01       |
| Endrin               | 5.79       | 5.79      | 5.69      | 5.89 | 0.00       |
| Endosulfan II        | 6.08       | 6.08      | 5.98      | 6.18 | 0.00       |
| 4,4'-DDD             | 5.93       | 5.93      | 5.83      | 6.03 | 0.00       |
| Endosulfan sulfate   | 6.48       | 6.48      | 6.38      | 6.58 | 0.00       |
| 4,4'-DDT             | 6.18       | 6.18      | 6.08      | 6.28 | 0.00       |
| Methoxychlor         | 6.75       | 6.76      | 6.66      | 6.86 | 0.01       |
| Endrin ketone        | 6.99       | 6.99      | 6.89      | 7.09 | 0.00       |
| Endrin aldehyde      | 6.26       | 6.26      | 6.16      | 6.36 | 0.00       |
| alpha-Chlordane      | 5.19       | 5.19      | 5.09      | 5.29 | 0.00       |
| gamma-Chlordane      | 5.13       | 5.13      | 5.03      | 5.23 | 0.00       |



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### CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413 SAS No.: Q2413 SDG NO.: Q2413

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 06/17/2025 06/17/2025

Client Sample No.: CCAL05 Date Analyzed: 06/27/2025

Lab Sample No.: PSTDCCC050 Data File : PD089192.D Time Analyzed: 18:46

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| 4,4'-DDD             | 6.704 | 6.605     | 6.805 | 57.030             | 50.000            | 14.1  |
| 4,4'-DDE             | 6.195 | 6.096     | 6.296 | 55.130             | 50.000            | 10.3  |
| 4,4'-DDT             | 7.020 | 6.921     | 7.121 | 43.230             | 50.000            | -13.5 |
| Aldrin               | 5.270 | 5.171     | 5.371 | 57.560             | 50.000            | 15.1  |
| alpha-BHC            | 4.000 | 3.899     | 4.099 | 58.380             | 50.000            | 16.8  |
| alpha-Chlordane      | 6.026 | 5.927     | 6.127 | 56.760             | 50.000            | 13.5  |
| beta-BHC             | 4.515 | 4.415     | 4.615 | 55.200             | 50.000            | 10.4  |
| Decachlorobiphenyl   | 9.071 | 8.972     | 9.172 | 50.650             | 50.000            | 1.3   |
| delta-BHC            | 4.763 | 4.664     | 4.864 | 59.910             | 50.000            | 19.8  |
| Dieldrin             | 6.346 | 6.247     | 6.447 | 56.130             | 50.000            | 12.3  |
| Endosulfan I         | 6.073 | 5.975     | 6.175 | 55.650             | 50.000            | 11.3  |
| Endosulfan II        | 6.785 | 6.686     | 6.886 | 54.300             | 50.000            | 8.6   |
| Endosulfan sulfate   | 7.148 | 7.049     | 7.249 | 52.510             | 50.000            | 5.0   |
| Endrin               | 6.573 | 6.475     | 6.675 | 51.200             | 50.000            | 2.4   |
| Endrin aldehyde      | 6.914 | 6.815     | 7.015 | 50.910             | 50.000            | 1.8   |
| Endrin ketone        | 7.629 | 7.530     | 7.730 | 52.730             | 50.000            | 5.5   |
| gamma-BHC (Lindane)  | 4.330 | 4.230     | 4.430 | 57.270             | 50.000            | 14.5  |
| gamma-Chlordane      | 5.945 | 5.846     | 6.046 | 58.450             | 50.000            | 16.9  |
| Heptachlor           | 4.929 | 4.829     | 5.029 | 52.650             | 50.000            | 5.3   |
| Heptachlor epoxide   | 5.690 | 5.591     | 5.791 | 55.210             | 50.000            | 10.4  |
| Methoxychlor         | 7.492 | 7.393     | 7.593 | 44.350             | 50.000            | -11.3 |
| Tetrachloro-m-xylene | 3.550 | 3.450     | 3.650 | 58.070             | 50.000            | 16.1  |



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### CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413 SAS No.: Q2413 SDG NO.: Q2413

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 06/17/2025 06/17/2025

Client Sample No.: CCAL05 Date Analyzed: 06/27/2025

Lab Sample No.: PSTDCCC050 Data File : PD089192.D Time Analyzed: 18:46

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| 4,4'-DDD             | 5.928 | 5.830     | 6.030 | 53.960             | 50.000            | 7.9   |
| 4,4'-DDE             | 5.374 | 5.275     | 5.475 | 54.320             | 50.000            | 8.6   |
| 4,4'-DDT             | 6.182 | 6.084     | 6.284 | 43.220             | 50.000            | -13.6 |
| Aldrin               | 4.367 | 4.269     | 4.469 | 55.730             | 50.000            | 11.5  |
| alpha-BHC            | 3.393 | 3.293     | 3.493 | 56.430             | 50.000            | 12.9  |
| alpha-Chlordane      | 5.189 | 5.091     | 5.291 | 54.770             | 50.000            | 9.5   |
| beta-BHC             | 4.024 | 3.926     | 4.126 | 54.310             | 50.000            | 8.6   |
| Decachlorobiphenyl   | 8.070 | 7.972     | 8.172 | 50.160             | 50.000            | 0.3   |
| delta-BHC            | 4.261 | 4.162     | 4.362 | 55.240             | 50.000            | 10.5  |
| Dieldrin             | 5.511 | 5.413     | 5.613 | 54.310             | 50.000            | 8.6   |
| Endosulfan I         | 5.246 | 5.147     | 5.347 | 54.500             | 50.000            | 9.0   |
| Endosulfan II        | 6.079 | 5.981     | 6.181 | 53.660             | 50.000            | 7.3   |
| Endosulfan sulfate   | 6.481 | 6.383     | 6.583 | 51.810             | 50.000            | 3.6   |
| Endrin               | 5.788 | 5.689     | 5.889 | 51.230             | 50.000            | 2.5   |
| Endrin aldehyde      | 6.257 | 6.159     | 6.359 | 50.400             | 50.000            | 0.8   |
| Endrin ketone        | 6.990 | 6.892     | 7.092 | 51.820             | 50.000            | 3.6   |
| gamma-BHC (Lindane)  | 3.729 | 3.630     | 3.830 | 55.860             | 50.000            | 11.7  |
| gamma-Chlordane      | 5.125 | 5.026     | 5.226 | 55.840             | 50.000            | 11.7  |
| Heptachlor           | 4.082 | 3.983     | 4.183 | 50.960             | 50.000            | 1.9   |
| Heptachlor epoxide   | 4.872 | 4.773     | 4.973 | 55.580             | 50.000            | 11.2  |
| Methoxychlor         | 6.753 | 6.655     | 6.855 | 46.290             | 50.000            | -7.4  |
| Tetrachloro-m-xylene | 2.881 | 2.780     | 2.980 | 58.440             | 50.000            | 16.9  |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062825\  
 Data File : PD089192.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Jun 2025 18:46  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 27 23:14:21 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 18 05:39:05 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-----------------|-------|-------|----------|----------|--------|--------|
| -----                       |                 |       |       |          |          |        |        |
| System Monitoring Compounds |                 |       |       |          |          |        |        |
| 1)                          | SA Tetrachlo... | 3.550 | 2.881 | 165.7E6  | 990.8E6  | 58.075 | 58.443 |
| 2)                          | SA Decachlor... | 9.071 | 8.070 | 198.9E6  | 991.7E6  | 50.648 | 50.161 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 4.000 | 3.393 | 340.3E6  | 1512.1E6 | 58.377 | 56.426 |
| 3)                          | MA gamma-BHC... | 4.330 | 3.729 | 319.6E6  | 1383.0E6 | 57.265 | 55.863 |
| 4)                          | MA Heptachlor   | 4.929 | 4.082 | 287.1E6  | 1276.0E6 | 52.651 | 50.960 |
| 5)                          | MB Aldrin       | 5.270 | 4.367 | 305.8E6  | 1349.6E6 | 57.558 | 55.729 |
| 6)                          | B beta-BHC      | 4.515 | 4.024 | 121.8E6  | 583.6E6  | 55.199 | 54.306 |
| 7)                          | B delta-BHC     | 4.763 | 4.261 | 307.5E6  | 1374.0E6 | 59.908 | 55.241 |
| 8)                          | B Heptachlo...  | 5.690 | 4.872 | 266.3E6  | 1217.2E6 | 55.212 | 55.584 |
| 9)                          | A Endosulfan I  | 6.073 | 5.246 | 250.9E6  | 1136.0E6 | 55.654 | 54.503 |
| 10)                         | B gamma-Chl...  | 5.945 | 5.125 | 279.8E6  | 1335.9E6 | 58.446 | 55.843 |
| 11)                         | B alpha-Chl...  | 6.026 | 5.189 | 274.7E6  | 1254.1E6 | 56.764 | 54.774 |
| 12)                         | B 4,4'-DDE      | 6.195 | 5.374 | 240.4E6  | 1244.8E6 | 55.130 | 54.322 |
| 13)                         | MA Dieldrin     | 6.346 | 5.511 | 269.3E6  | 1260.5E6 | 56.130 | 54.313 |
| 14)                         | MA Endrin       | 6.573 | 5.788 | 211.2E6  | 1112.5E6 | 51.205 | 51.233 |
| 15)                         | B Endosulfa...  | 6.785 | 6.079 | 219.2E6  | 1083.7E6 | 54.301 | 53.658 |
| 16)                         | A 4,4'-DDD      | 6.704 | 5.928 | 195.7E6  | 1032.1E6 | 57.027 | 53.956 |
| 17)                         | MA 4,4'-DDT     | 7.020 | 6.182 | 163.8E6  | 876.5E6  | 43.232 | 43.220 |
| 18)                         | B Endrin al...  | 6.914 | 6.257 | 156.0E6  | 771.7E6  | 50.907 | 50.403 |
| 19)                         | B Endosulfa...  | 7.148 | 6.481 | 201.5E6  | 1016.6E6 | 52.513 | 51.813 |
| 20)                         | A Methoxychlor  | 7.492 | 6.753 | 89623856 | 498.5E6  | 44.354 | 46.292 |
| 21)                         | B Endrin ke...  | 7.629 | 6.990 | 214.8E6  | 1119.5E6 | 52.727 | 51.824 |
| 22)                         | Mirex           | 8.113 | 7.184 | 153.0E6  | 836.8E6  | 50.328 | 50.171 |
| -----                       |                 |       |       |          |          |        |        |

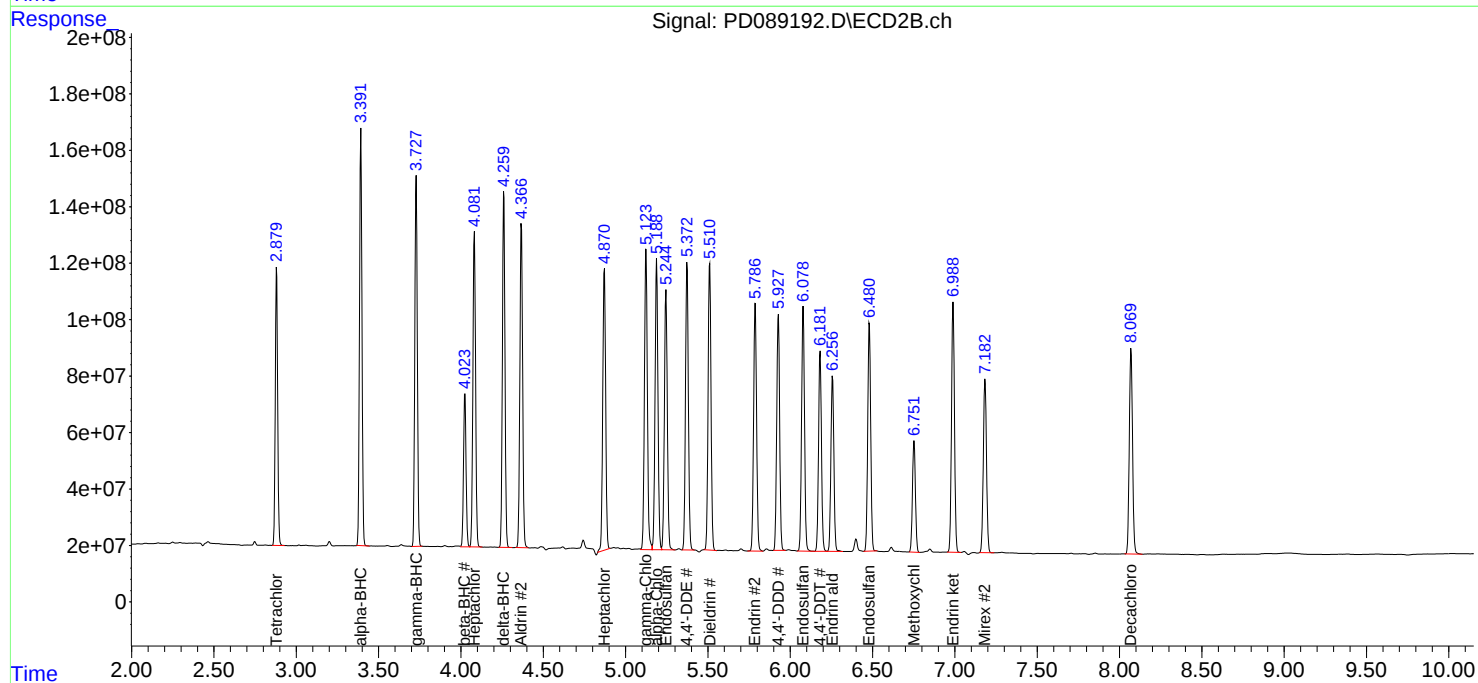
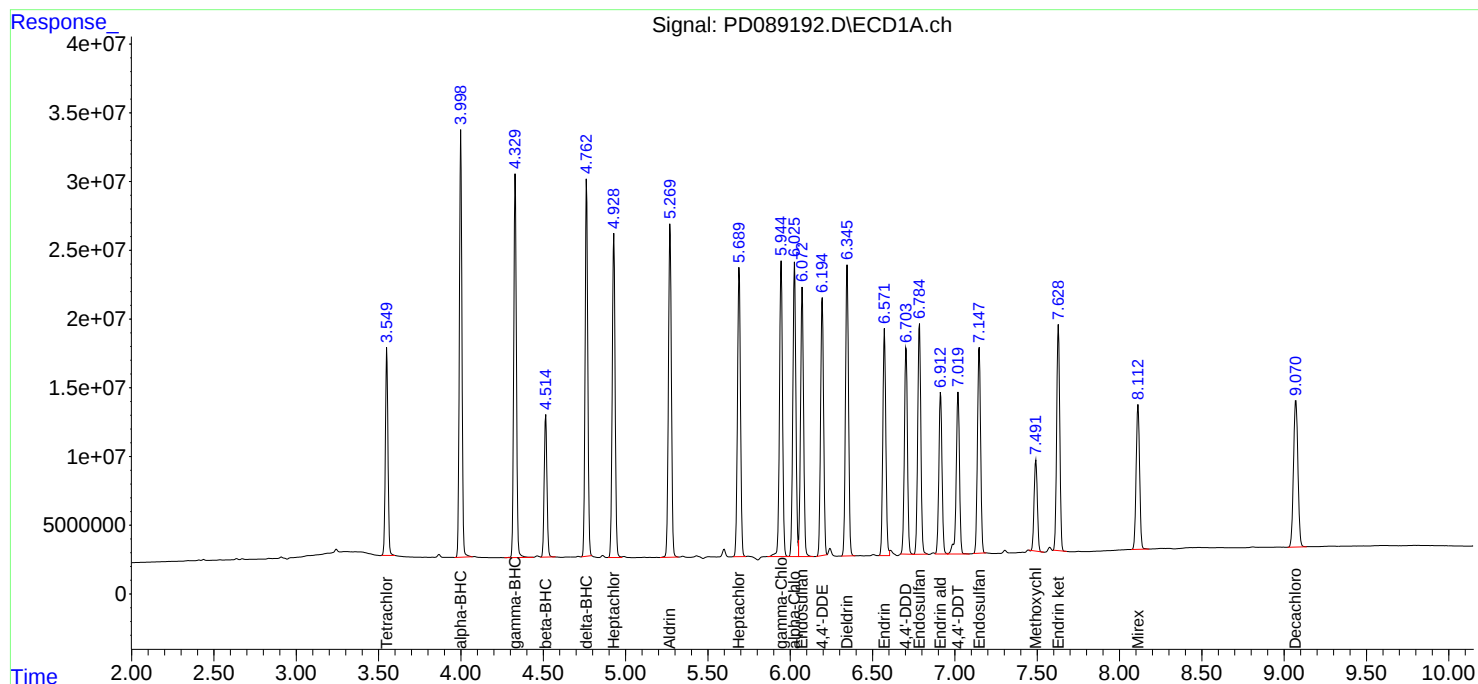
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062825\  
Data File : PD089192.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Jun 2025 18:46  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 27 23:14:21 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 18 05:39:05 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





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

### CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413 SAS No.: Q2413 SDG NO.: Q2413

Continuing Calib Date: 06/27/2025 Initial Calibration Date(s): 06/17/2025 06/17/2025

Continuing Calib Time: 21:16 Initial Calibration Time(s): 15:52 16:47

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

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 9.07       | 9.07      | 8.97      | 9.17 | 0.00       |
| Tetrachloro-m-xylene | 3.55       | 3.55      | 3.45      | 3.65 | 0.00       |
| alpha-BHC            | 4.00       | 4.00      | 3.90      | 4.10 | 0.00       |
| beta-BHC             | 4.52       | 4.52      | 4.42      | 4.62 | 0.01       |
| delta-BHC            | 4.76       | 4.76      | 4.66      | 4.86 | 0.00       |
| gamma-BHC (Lindane)  | 4.33       | 4.33      | 4.23      | 4.43 | 0.00       |
| Heptachlor           | 4.93       | 4.93      | 4.83      | 5.03 | 0.00       |
| Aldrin               | 5.27       | 5.27      | 5.17      | 5.37 | 0.00       |
| Heptachlor epoxide   | 5.69       | 5.69      | 5.59      | 5.79 | 0.00       |
| Endosulfan I         | 6.07       | 6.08      | 5.98      | 6.18 | 0.01       |
| Dieldrin             | 6.35       | 6.35      | 6.25      | 6.45 | 0.01       |
| 4,4'-DDE             | 6.19       | 6.20      | 6.10      | 6.30 | 0.01       |
| Endrin               | 6.57       | 6.58      | 6.48      | 6.68 | 0.01       |
| Endosulfan II        | 6.79       | 6.79      | 6.69      | 6.89 | 0.01       |
| 4,4'-DDD             | 6.70       | 6.71      | 6.61      | 6.81 | 0.01       |
| Endosulfan sulfate   | 7.15       | 7.15      | 7.05      | 7.25 | 0.00       |
| 4,4'-DDT             | 7.02       | 7.02      | 6.92      | 7.12 | 0.00       |
| Methoxychlor         | 7.49       | 7.49      | 7.39      | 7.59 | 0.00       |
| Endrin ketone        | 7.63       | 7.63      | 7.53      | 7.73 | 0.00       |
| Endrin aldehyde      | 6.91       | 6.92      | 6.82      | 7.02 | 0.01       |
| alpha-Chlordane      | 6.03       | 6.03      | 5.93      | 6.13 | 0.00       |
| gamma-Chlordane      | 5.95       | 5.95      | 5.85      | 6.05 | 0.00       |



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Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413 SAS No.: Q2413 SDG NO.: Q2413

Continuing Calib Date: 06/27/2025 Initial Calibration Date(s): 06/17/2025 06/17/2025

Continuing Calib Time: 21:16 Initial Calibration Time(s): 15:52 16:47

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

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 8.07       | 8.07      | 7.97      | 8.17 | 0.00       |
| Tetrachloro-m-xylene | 2.88       | 2.88      | 2.78      | 2.98 | 0.00       |
| alpha-BHC            | 3.39       | 3.39      | 3.29      | 3.49 | 0.00       |
| beta-BHC             | 4.02       | 4.03      | 3.93      | 4.13 | 0.01       |
| delta-BHC            | 4.26       | 4.26      | 4.16      | 4.36 | 0.00       |
| gamma-BHC (Lindane)  | 3.73       | 3.73      | 3.63      | 3.83 | 0.00       |
| Heptachlor           | 4.08       | 4.08      | 3.98      | 4.18 | 0.00       |
| Aldrin               | 4.37       | 4.37      | 4.27      | 4.47 | 0.00       |
| Heptachlor epoxide   | 4.87       | 4.87      | 4.77      | 4.97 | 0.00       |
| Endosulfan I         | 5.25       | 5.25      | 5.15      | 5.35 | 0.01       |
| Dieldrin             | 5.51       | 5.51      | 5.41      | 5.61 | 0.00       |
| 4,4'-DDE             | 5.37       | 5.38      | 5.28      | 5.48 | 0.01       |
| Endrin               | 5.79       | 5.79      | 5.69      | 5.89 | 0.00       |
| Endosulfan II        | 6.08       | 6.08      | 5.98      | 6.18 | 0.00       |
| 4,4'-DDD             | 5.93       | 5.93      | 5.83      | 6.03 | 0.00       |
| Endosulfan sulfate   | 6.48       | 6.48      | 6.38      | 6.58 | 0.00       |
| 4,4'-DDT             | 6.18       | 6.18      | 6.08      | 6.28 | 0.00       |
| Methoxychlor         | 6.75       | 6.76      | 6.66      | 6.86 | 0.01       |
| Endrin ketone        | 6.99       | 6.99      | 6.89      | 7.09 | 0.00       |
| Endrin aldehyde      | 6.26       | 6.26      | 6.16      | 6.36 | 0.00       |
| alpha-Chlordane      | 5.19       | 5.19      | 5.09      | 5.29 | 0.00       |
| gamma-Chlordane      | 5.12       | 5.13      | 5.03      | 5.23 | 0.01       |



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### CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413 SAS No.: Q2413 SDG NO.: Q2413

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 06/17/2025 06/17/2025

Client Sample No.: CCAL06 Date Analyzed: 06/27/2025

Lab Sample No.: PSTDCCC050 Data File : PD089202.D Time Analyzed: 21:16

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| 4,4'-DDD             | 6.704 | 6.605     | 6.805 | 57.920             | 50.000            | 15.8  |
| 4,4'-DDE             | 6.194 | 6.096     | 6.296 | 54.700             | 50.000            | 9.4   |
| 4,4'-DDT             | 7.019 | 6.921     | 7.121 | 42.000             | 50.000            | -16.0 |
| Aldrin               | 5.270 | 5.171     | 5.371 | 56.890             | 50.000            | 13.8  |
| alpha-BHC            | 3.999 | 3.899     | 4.099 | 58.040             | 50.000            | 16.1  |
| alpha-Chlordane      | 6.026 | 5.927     | 6.127 | 56.470             | 50.000            | 12.9  |
| beta-BHC             | 4.515 | 4.415     | 4.615 | 54.780             | 50.000            | 9.6   |
| Decachlorobiphenyl   | 9.070 | 8.972     | 9.172 | 50.550             | 50.000            | 1.1   |
| delta-BHC            | 4.763 | 4.664     | 4.864 | 59.190             | 50.000            | 18.4  |
| Dieldrin             | 6.345 | 6.247     | 6.447 | 55.790             | 50.000            | 11.6  |
| Endosulfan I         | 6.073 | 5.975     | 6.175 | 55.380             | 50.000            | 10.8  |
| Endosulfan II        | 6.785 | 6.686     | 6.886 | 54.540             | 50.000            | 9.1   |
| Endosulfan sulfate   | 7.148 | 7.049     | 7.249 | 52.730             | 50.000            | 5.5   |
| Endrin               | 6.573 | 6.475     | 6.675 | 50.190             | 50.000            | 0.4   |
| Endrin aldehyde      | 6.913 | 6.815     | 7.015 | 50.620             | 50.000            | 1.2   |
| Endrin ketone        | 7.628 | 7.530     | 7.730 | 52.990             | 50.000            | 6.0   |
| gamma-BHC (Lindane)  | 4.330 | 4.230     | 4.430 | 56.990             | 50.000            | 14.0  |
| gamma-Chlordane      | 5.945 | 5.846     | 6.046 | 57.950             | 50.000            | 15.9  |
| Heptachlor           | 4.929 | 4.829     | 5.029 | 51.400             | 50.000            | 2.8   |
| Heptachlor epoxide   | 5.689 | 5.591     | 5.791 | 54.280             | 50.000            | 8.6   |
| Methoxychlor         | 7.491 | 7.393     | 7.593 | 42.560             | 50.000            | -14.9 |
| Tetrachloro-m-xylene | 3.550 | 3.450     | 3.650 | 57.800             | 50.000            | 15.6  |



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### CALIBRATION VERIFICATION SUMMARY

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413 SAS No.: Q2413 SDG NO.: Q2413

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 06/17/2025 06/17/2025

Client Sample No.: CCAL06 Date Analyzed: 06/27/2025

Lab Sample No.: PSTDCCC050 Data File : PD089202.D Time Analyzed: 21:16

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| 4,4'-DDD             | 5.928 | 5.830     | 6.030 | 54.200             | 50.000            | 8.4   |
| 4,4'-DDE             | 5.373 | 5.275     | 5.475 | 53.740             | 50.000            | 7.5   |
| 4,4'-DDT             | 6.181 | 6.084     | 6.284 | 41.310             | 50.000            | -17.4 |
| Aldrin               | 4.367 | 4.269     | 4.469 | 55.520             | 50.000            | 11.0  |
| alpha-BHC            | 3.392 | 3.293     | 3.493 | 56.420             | 50.000            | 12.8  |
| alpha-Chlordane      | 5.189 | 5.091     | 5.291 | 54.340             | 50.000            | 8.7   |
| beta-BHC             | 4.024 | 3.926     | 4.126 | 54.120             | 50.000            | 8.2   |
| Decachlorobiphenyl   | 8.070 | 7.972     | 8.172 | 50.420             | 50.000            | 0.8   |
| delta-BHC            | 4.261 | 4.162     | 4.362 | 54.930             | 50.000            | 9.9   |
| Dieldrin             | 5.511 | 5.413     | 5.613 | 53.700             | 50.000            | 7.4   |
| Endosulfan I         | 5.245 | 5.147     | 5.347 | 54.090             | 50.000            | 8.2   |
| Endosulfan II        | 6.079 | 5.981     | 6.181 | 53.260             | 50.000            | 6.5   |
| Endosulfan sulfate   | 6.480 | 6.383     | 6.583 | 51.330             | 50.000            | 2.7   |
| Endrin               | 5.787 | 5.689     | 5.889 | 50.370             | 50.000            | 0.7   |
| Endrin aldehyde      | 6.256 | 6.159     | 6.359 | 49.550             | 50.000            | -0.9  |
| Endrin ketone        | 6.989 | 6.892     | 7.092 | 51.450             | 50.000            | 2.9   |
| gamma-BHC (Lindane)  | 3.729 | 3.630     | 3.830 | 55.740             | 50.000            | 11.5  |
| gamma-Chlordane      | 5.124 | 5.026     | 5.226 | 55.510             | 50.000            | 11.0  |
| Heptachlor           | 4.082 | 3.983     | 4.183 | 50.310             | 50.000            | 0.6   |
| Heptachlor epoxide   | 4.871 | 4.773     | 4.973 | 55.210             | 50.000            | 10.4  |
| Methoxychlor         | 6.752 | 6.655     | 6.855 | 44.610             | 50.000            | -10.8 |
| Tetrachloro-m-xylene | 2.881 | 2.780     | 2.980 | 58.420             | 50.000            | 16.8  |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062825\  
 Data File : PD089202.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Jun 2025 21:16  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 27 23:16:58 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 18 05:39:05 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-----------------|-------|-------|----------|----------|--------|--------|
| -----                       |                 |       |       |          |          |        |        |
| System Monitoring Compounds |                 |       |       |          |          |        |        |
| 1)                          | SA Tetrachlo... | 3.550 | 2.881 | 164.9E6  | 990.4E6  | 57.805 | 58.421 |
| 28)                         | SA Decachlor... | 9.070 | 8.070 | 198.6E6  | 996.8E6  | 50.554 | 50.422 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.999 | 3.392 | 338.3E6  | 1511.9E6 | 58.041 | 56.421 |
| 3)                          | MA gamma-BHC... | 4.330 | 3.729 | 318.1E6  | 1379.9E6 | 56.994 | 55.739 |
| 4)                          | MA Heptachlor   | 4.929 | 4.082 | 280.3E6  | 1259.6E6 | 51.404 | 50.306 |
| 5)                          | MB Aldrin       | 5.270 | 4.367 | 302.3E6  | 1344.6E6 | 56.890 | 55.521 |
| 6)                          | B beta-BHC      | 4.515 | 4.024 | 120.9E6  | 581.6E6  | 54.776 | 54.122 |
| 7)                          | B delta-BHC     | 4.763 | 4.261 | 303.8E6  | 1366.4E6 | 59.193 | 54.933 |
| 8)                          | B Heptachlo...  | 5.689 | 4.871 | 261.8E6  | 1209.0E6 | 54.281 | 55.211 |
| 9)                          | A Endosulfan I  | 6.073 | 5.245 | 249.6E6  | 1127.3E6 | 55.381 | 54.087 |
| 10)                         | B gamma-Chl...  | 5.945 | 5.124 | 277.4E6  | 1327.9E6 | 57.945 | 55.508 |
| 11)                         | B alpha-Chl...  | 6.026 | 5.189 | 273.2E6  | 1244.1E6 | 56.472 | 54.335 |
| 12)                         | B 4,4'-DDE      | 6.194 | 5.373 | 238.5E6  | 1231.5E6 | 54.696 | 53.738 |
| 13)                         | MA Dieldrin     | 6.345 | 5.511 | 267.7E6  | 1246.3E6 | 55.791 | 53.700 |
| 14)                         | MA Endrin       | 6.573 | 5.787 | 207.1E6  | 1093.6E6 | 50.194 | 50.365 |
| 15)                         | B Endosulfa...  | 6.785 | 6.079 | 220.2E6  | 1075.6E6 | 54.540 | 53.258 |
| 16)                         | A 4,4'-DDD      | 6.704 | 5.928 | 198.8E6  | 1036.9E6 | 57.922 | 54.203 |
| 17)                         | MA 4,4'-DDT     | 7.019 | 6.181 | 159.1E6  | 837.8E6  | 41.995 | 41.312 |
| 18)                         | B Endrin al...  | 6.913 | 6.256 | 155.1E6  | 758.7E6  | 50.622 | 49.551 |
| 19)                         | B Endosulfa...  | 7.148 | 6.480 | 202.4E6  | 1007.2E6 | 52.734 | 51.330 |
| 20)                         | A Methoxychlor  | 7.491 | 6.752 | 86003440 | 480.4E6  | 42.563 | 44.613 |
| 21)                         | B Endrin ke...  | 7.628 | 6.989 | 215.8E6  | 1111.4E6 | 52.987 | 51.449 |
| 22)                         | Mirex           | 8.112 | 7.183 | 154.7E6  | 825.5E6  | 50.901 | 49.493 |
| -----                       |                 |       |       |          |          |        |        |

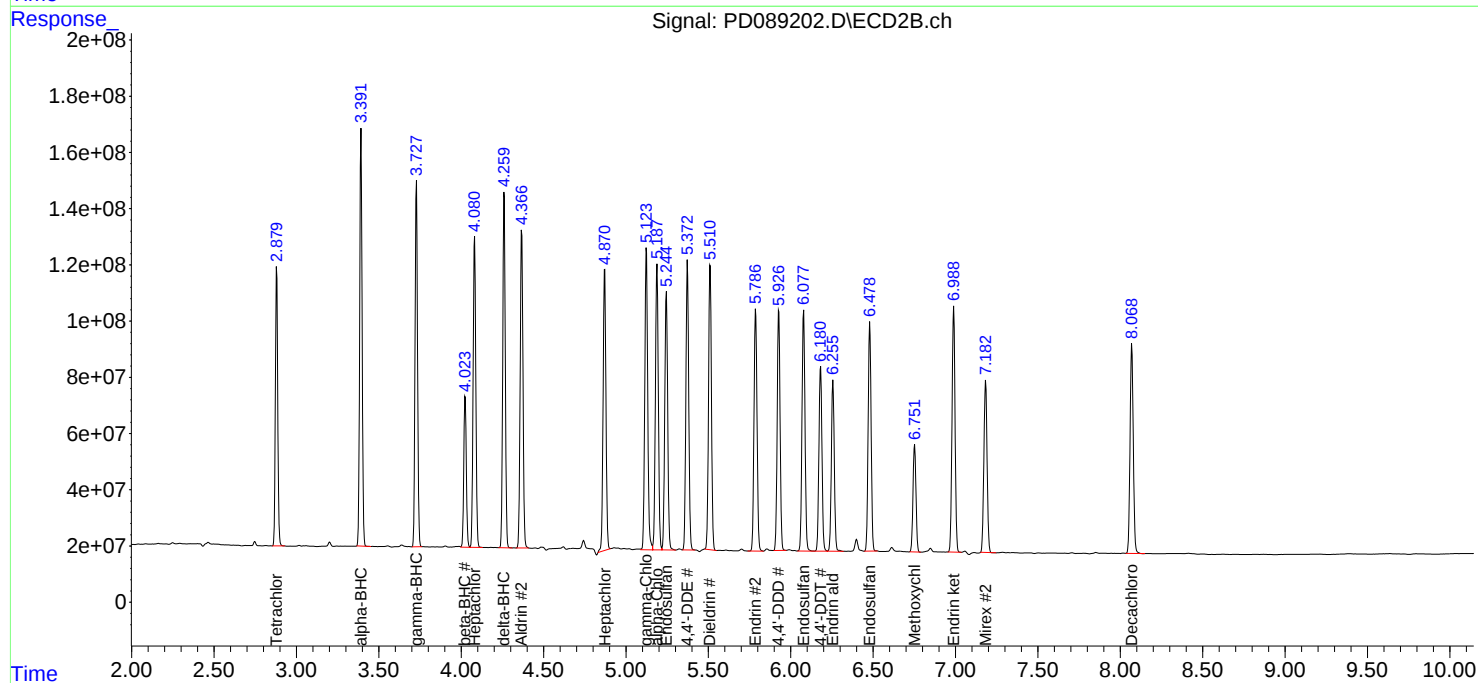
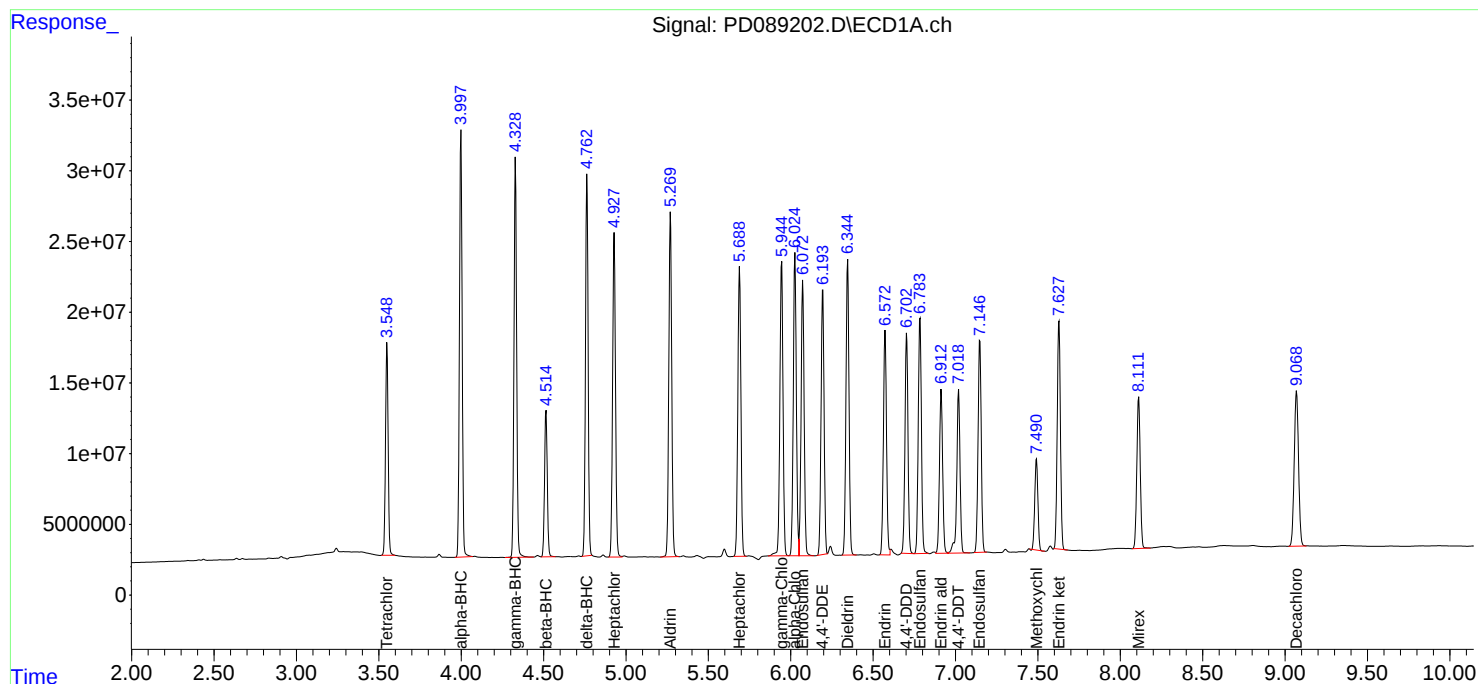
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062825\  
Data File : PD089202.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Jun 2025 21:16  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 27 23:16:58 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 18 05:39:05 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



**PESTICIDE CALIBRATION VERIFICATION SUMMARY**

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413 SAS No.: Q2413 SDG NO.: Q2413

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 06/17/2025 06/17/2025

Client Sample No. (PEM): PEM - PD088991.D Date Analyzed: 06/17/2025

Lab Sample No.(PEM): PEM Time Analyzed: 15:25

| PEM COMPOUND         | RT    | RT WINDOW |       | CALC       | NOM        | %D    |
|----------------------|-------|-----------|-------|------------|------------|-------|
|                      |       | FROM      | TO    | AMOUNT(ng) | AMOUNT(ng) |       |
| Decachlorobiphenyl   | 9.071 | 8.970     | 9.170 | 21.440     | 20.000     | 7.2   |
| Tetrachloro-m-xylene | 3.550 | 3.500     | 3.600 | 19.860     | 20.000     | -0.7  |
| alpha-BHC            | 3.999 | 3.950     | 4.050 | 8.970      | 10.000     | -10.3 |
| beta-BHC             | 4.514 | 4.460     | 4.560 | 9.720      | 10.000     | -2.8  |
| gamma-BHC (Lindane)  | 4.330 | 4.280     | 4.380 | 9.320      | 10.000     | -6.8  |
| Endrin               | 6.574 | 6.500     | 6.640 | 50.260     | 50.000     | 0.5   |
| 4,4'-DDT             | 7.020 | 6.950     | 7.090 | 100.820    | 100.000    | 0.8   |
| Methoxychlor         | 7.493 | 7.420     | 7.560 | 229.880    | 250.000    | -8.0  |

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 06/17/2025 06/17/2025

Client Sample No. (PEM): PEM - PD088991.D Date Analyzed: 06/17/2025

Lab Sample No.(PEM): PEM Time Analyzed: 15:25

| PEM COMPOUND         | RT    | RT WINDOW |       | CALC       | NOM        | %D    |
|----------------------|-------|-----------|-------|------------|------------|-------|
|                      |       | FROM      | TO    | AMOUNT(ng) | AMOUNT(ng) |       |
| Decachlorobiphenyl   | 8.072 | 7.970     | 8.170 | 21.290     | 20.000     | 6.5   |
| Tetrachloro-m-xylene | 2.880 | 2.830     | 2.930 | 20.440     | 20.000     | 2.2   |
| alpha-BHC            | 3.393 | 3.340     | 3.440 | 10.570     | 10.000     | 5.7   |
| beta-BHC             | 4.025 | 3.970     | 4.080 | 10.750     | 10.000     | 7.5   |
| gamma-BHC (Lindane)  | 3.729 | 3.680     | 3.780 | 10.580     | 10.000     | 5.8   |
| Endrin               | 5.789 | 5.720     | 5.860 | 50.490     | 50.000     | 1.0   |
| 4,4'-DDT             | 6.183 | 6.110     | 6.250 | 96.080     | 100.000    | -3.9  |
| Methoxychlor         | 6.754 | 6.680     | 6.820 | 198.860    | 250.000    | -20.5 |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061825\  
 Data File : PD088991.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Jun 2025 15:25  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 06/18/2025  
 Supervised By : mohammad ahmed 06/19/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 18 05:45:29 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 18 05:39:05 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|---------|
| -----                       |                 |       |       |          |          |         |         |
| System Monitoring Compounds |                 |       |       |          |          |         |         |
| 1)                          | SA Tetrachlo... | 3.550 | 2.880 | 56676201 | 346.6E6  | 19.865  | 20.443  |
| 28)                         | SA Decachlor... | 9.071 | 8.072 | 84217746 | 421.0E6  | 21.442  | 21.293  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.999 | 3.393 | 52304160 | 283.3E6  | 8.973   | 10.573  |
| 3)                          | MA gamma-BHC... | 4.330 | 3.729 | 52036875 | 261.9E6  | 9.323   | 10.578  |
| 6)                          | B beta-BHC      | 4.514 | 4.025 | 21456971 | 115.6E6  | 9.722m  | 10.754  |
| 14)                         | MA Endrin       | 6.574 | 5.789 | 207.3E6  | 1096.4E6 | 50.256  | 50.492  |
| 16)                         | A 4,4'-DDD      | 6.701 | 5.931 | 603821   | 5602244  | 0.176m  | 0.293m# |
| 17)                         | MA 4,4'-DDT     | 7.020 | 6.183 | 381.9E6  | 1948.4E6 | 100.821 | 96.080  |
| 18)                         | B Endrin al...  | 6.918 | 6.256 | 451112   | 9421924  | 0.147m  | 0.615m# |
| 20)                         | A Methoxychlor  | 7.493 | 6.754 | 464.5E6  | 2141.4E6 | 229.876 | 198.863 |
| 21)                         | B Endrin ke...  | 7.627 | 6.989 | 1470511  | 10658868 | 0.361m  | 0.493m# |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061825\  
Data File : PD088991.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Jun 2025 15:25  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

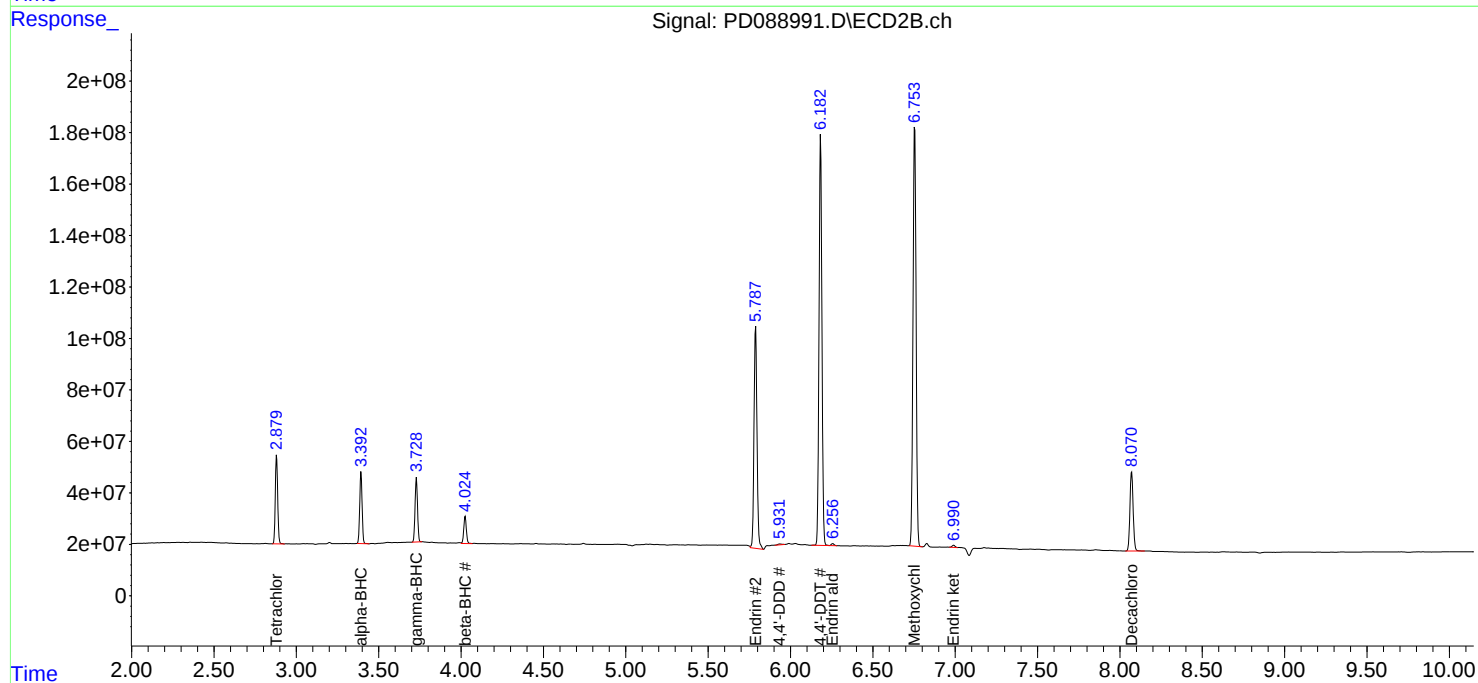
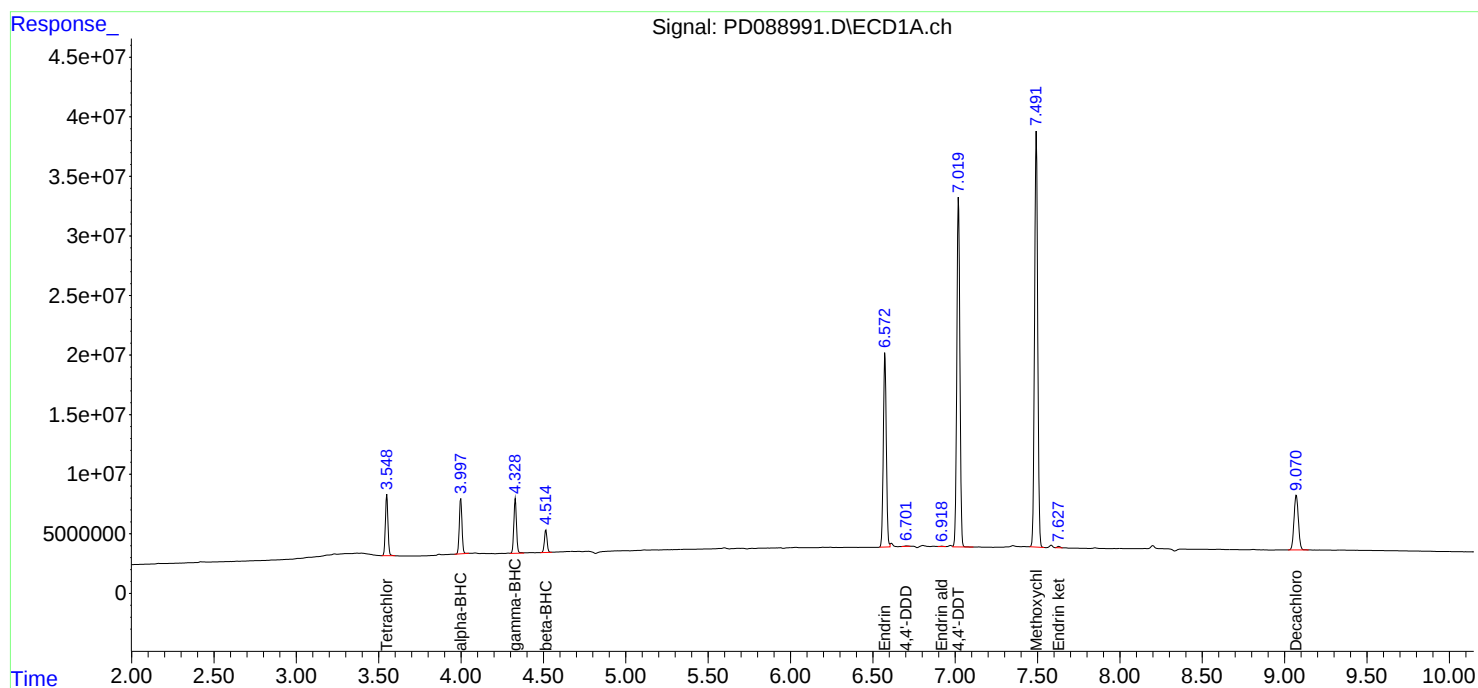
Instrument :  
ECD\_D  
ClientSampleId :  
PEM

Manual Integrations  
APPROVED

Reviewed By : Abdul Mirza 06/18/2025  
Supervised By : mohammad ahmed 06/19/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 18 05:45:29 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 18 05:39:05 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



**PESTICIDE CALIBRATION VERIFICATION SUMMARY**

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413 SAS No.: Q2413 SDG NO.: Q2413

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 06/17/2025 06/17/2025

Client Sample No. (PEM): PEM - PD089158.D Date Analyzed: 06/26/2025

Lab Sample No.(PEM): PEM Time Analyzed: 11:33

| PEM COMPOUND         | RT    | RT WINDOW |       | CALC       | NOM        | %D    |
|----------------------|-------|-----------|-------|------------|------------|-------|
|                      |       | FROM      | TO    | AMOUNT(ng) | AMOUNT(ng) |       |
| Decachlorobiphenyl   | 9.072 | 8.970     | 9.170 | 20.370     | 20.000     | 1.9   |
| Tetrachloro-m-xylene | 3.550 | 3.500     | 3.600 | 20.980     | 20.000     | 4.9   |
| alpha-BHC            | 3.999 | 3.950     | 4.050 | 9.740      | 10.000     | -2.6  |
| beta-BHC             | 4.516 | 4.470     | 4.570 | 10.730     | 10.000     | 7.3   |
| gamma-BHC (Lindane)  | 4.331 | 4.280     | 4.380 | 10.120     | 10.000     | 1.2   |
| Endrin               | 6.574 | 6.500     | 6.640 | 48.910     | 50.000     | -2.2  |
| 4,4'-DDT             | 7.021 | 6.950     | 7.090 | 92.590     | 100.000    | -7.4  |
| Methoxychlor         | 7.493 | 7.420     | 7.560 | 206.780    | 250.000    | -17.3 |

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 06/17/2025 06/17/2025

Client Sample No. (PEM): PEM - PD089158.D Date Analyzed: 06/26/2025

Lab Sample No.(PEM): PEM Time Analyzed: 11:33

| PEM COMPOUND         | RT    | RT WINDOW |       | CALC       | NOM        | %D    |
|----------------------|-------|-----------|-------|------------|------------|-------|
|                      |       | FROM      | TO    | AMOUNT(ng) | AMOUNT(ng) |       |
| Decachlorobiphenyl   | 8.071 | 7.970     | 8.170 | 20.100     | 20.000     | 0.5   |
| Tetrachloro-m-xylene | 2.880 | 2.830     | 2.930 | 21.410     | 20.000     | 7.1   |
| alpha-BHC            | 3.393 | 3.340     | 3.440 | 11.020     | 10.000     | 10.2  |
| beta-BHC             | 4.024 | 3.970     | 4.070 | 10.860     | 10.000     | 8.6   |
| gamma-BHC (Lindane)  | 3.729 | 3.680     | 3.780 | 11.120     | 10.000     | 11.2  |
| Endrin               | 5.788 | 5.720     | 5.860 | 48.080     | 50.000     | -3.8  |
| 4,4'-DDT             | 6.182 | 6.110     | 6.250 | 89.550     | 100.000    | -10.5 |
| Methoxychlor         | 6.752 | 6.680     | 6.820 | 175.300    | 250.000    | -29.9 |

PEM  
 Data File: PD089158.D Date Acquired 6/26/2025 11:33  
 Operator: AR\AJ

**ENDRIN BREAK DOWN**

Column #1

| Name            | RT   | Response    | Response<br>[E+EA+EK] | Response<br>[EA+EK] | % Break Down |
|-----------------|------|-------------|-----------------------|---------------------|--------------|
| Endrin          | 6.57 | 201779790.9 | 208846883.7           | 7067092.79          | 3.38         |
| Endrin aldehyde | 6.92 | 2036569.861 |                       |                     |              |
| Endrin ketone   | 7.63 | 5030522.928 |                       |                     |              |

Column #2

| Name               | RT   | Response    | Response<br>[E+EA+EK] | Response<br>[EA+EK] | % Break Down |
|--------------------|------|-------------|-----------------------|---------------------|--------------|
| Endrin #2          | 5.79 | 1044000341  | 1111820273            | 67819932            | 6.10         |
| Endrin aldehyde #2 | 6.26 | 16289863.53 |                       |                     |              |
| Endrin ketone #2   | 6.99 | 51530068.45 |                       |                     |              |

**DDT BREAK DOWN**

Column #1

| Name     | RT   | Response    | Response<br>[DDT+DDE+DDD] | Response<br>[DDE+DDD] | % Break Down |
|----------|------|-------------|---------------------------|-----------------------|--------------|
| 4,4'-DDT | 7.02 | 350754108.9 | 361746544.1               | 10992435.2            | 3.04         |
| 4,4'-DDE | 6.19 | 608913.788  |                           |                       |              |
| 4,4'-DDD | 6.70 | 10383521.38 |                           |                       |              |

Column #2

| Name        | RT   | Response    | Response<br>[DDT+DDE+DDD] | Response<br>[DDE+DDD] | % Break Down |
|-------------|------|-------------|---------------------------|-----------------------|--------------|
| 4,4'-DDT #2 | 6.18 | 1815915951  | 1879307377                | 63391425.4            | 3.37         |
| 4,4'-DDE #2 | 5.37 | 3449809.392 |                           |                       |              |
| 4,4'-DDD #2 | 5.93 | 59941616.02 |                           |                       |              |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062625\  
 Data File : PD089158.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Jun 2025 11:33  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 06/27/2025  
 Supervised By :mohammad ahmed 06/30/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 26 23:27:23 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 18 05:39:05 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|---------|
| -----                       |                 |       |       |          |          |         |         |
| System Monitoring Compounds |                 |       |       |          |          |         |         |
| 1)                          | SA Tetrachlo... | 3.550 | 2.880 | 59860961 | 363.0E6  | 20.981  | 21.411  |
| 28)                         | SA Decachlor... | 9.072 | 8.071 | 80017358 | 397.4E6  | 20.373  | 20.100  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.999 | 3.393 | 56799698 | 295.4E6  | 9.744   | 11.024  |
| 3)                          | MA gamma-BHC... | 4.331 | 3.729 | 56459487 | 275.3E6  | 10.115  | 11.119  |
| 6)                          | B beta-BHC      | 4.516 | 4.024 | 23684268 | 116.7E6  | 10.731  | 10.857  |
| 12)                         | B 4,4'-DDE      | 6.194 | 5.374 | 608914   | 3449809  | 0.140m  | 0.151m  |
| 14)                         | MA Endrin       | 6.574 | 5.788 | 201.8E6  | 1044.0E6 | 48.909  | 48.080  |
| 16)                         | A 4,4'-DDD      | 6.704 | 5.929 | 10383521 | 59941616 | 3.025   | 3.133   |
| 17)                         | MA 4,4'-DDT     | 7.021 | 6.182 | 350.8E6  | 1815.9E6 | 92.591  | 89.545  |
| 18)                         | B Endrin al...  | 6.915 | 6.257 | 2036570  | 16289864 | 0.665   | 1.064 # |
| 20)                         | A Methoxychlor  | 7.493 | 6.752 | 417.8E6  | 1887.6E6 | 206.779 | 175.297 |
| 21)                         | B Endrin ke...  | 7.630 | 6.987 | 5030523  | 51530068 | 1.235   | 2.385m# |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062625\  
Data File : PD089158.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Jun 2025 11:33  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

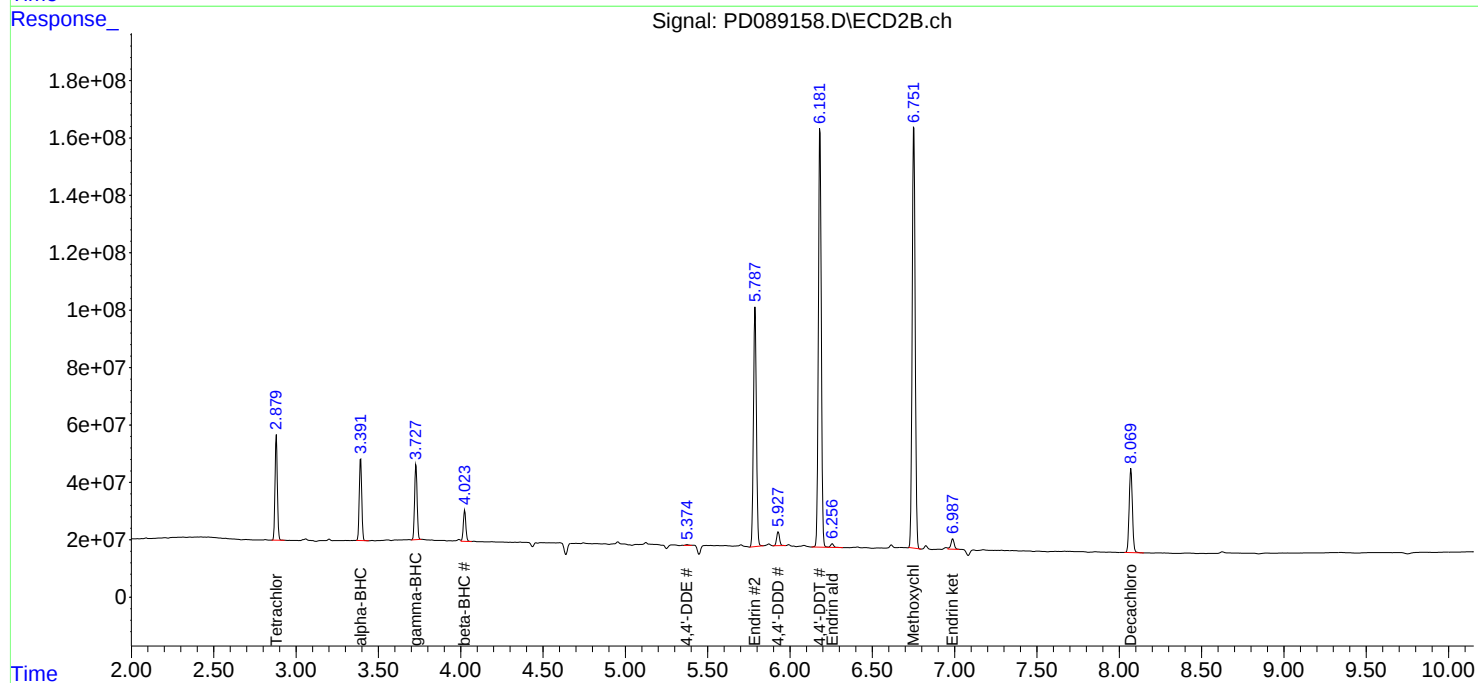
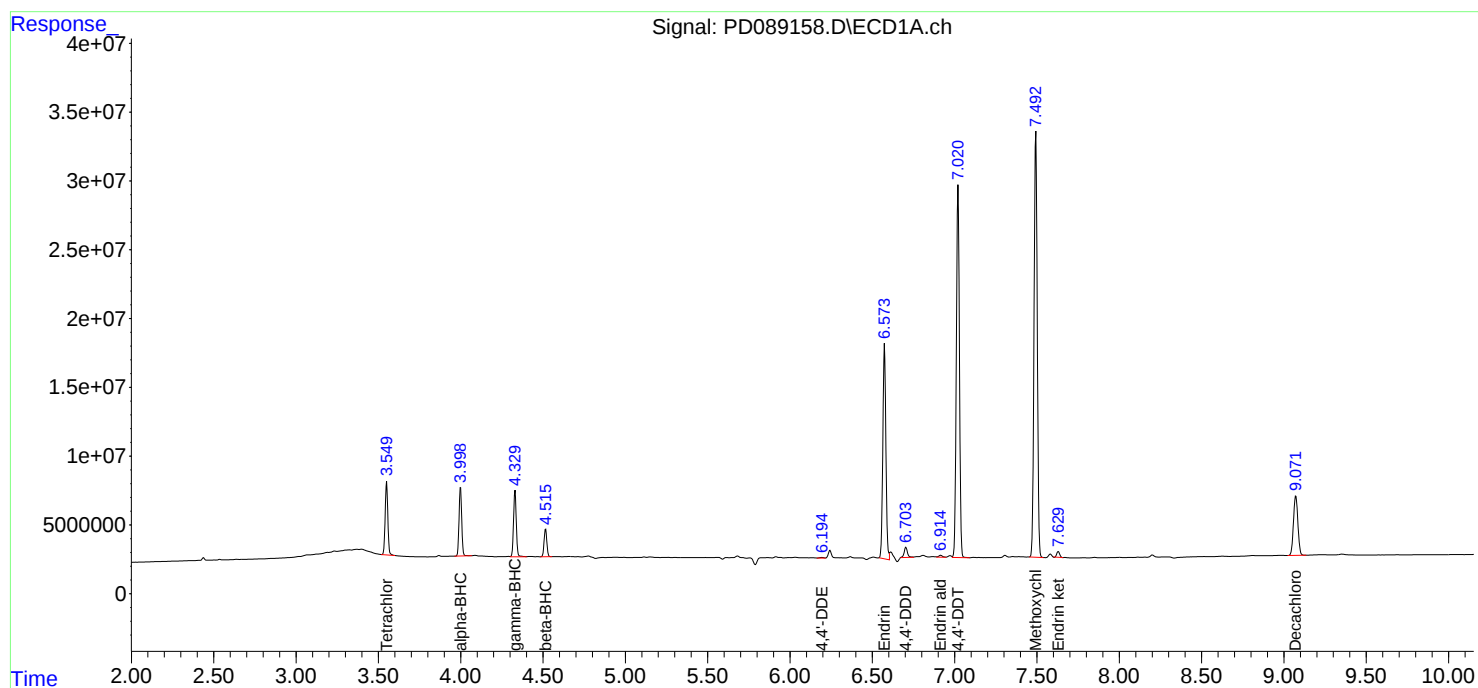
Instrument :  
ECD\_D  
ClientSampleId :  
PEM

Manual Integrations  
APPROVED

Reviewed By : Abdul Mirza 06/27/2025  
Supervised By : mohammad ahmed 06/30/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 26 23:27:23 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 18 05:39:05 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



**PESTICIDE CALIBRATION VERIFICATION SUMMARY**

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413 SAS No.: Q2413 SDG NO.: Q2413

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 06/17/2025 06/17/2025

Client Sample No. (PEM): PEM - PD089175.D Date Analyzed: 06/27/2025

Lab Sample No.(PEM): PEM Time Analyzed: 03:11

| PEM COMPOUND         | RT    | RT WINDOW |       | CALC       | NOM        | %D    |
|----------------------|-------|-----------|-------|------------|------------|-------|
|                      |       | FROM      | TO    | AMOUNT(ng) | AMOUNT(ng) |       |
| Decachlorobiphenyl   | 9.072 | 8.970     | 9.170 | 19.900     | 20.000     | -0.5  |
| Tetrachloro-m-xylene | 3.550 | 3.500     | 3.600 | 21.570     | 20.000     | 7.9   |
| alpha-BHC            | 3.999 | 3.950     | 4.050 | 9.940      | 10.000     | -0.6  |
| beta-BHC             | 4.516 | 4.470     | 4.570 | 10.980     | 10.000     | 9.8   |
| gamma-BHC (Lindane)  | 4.330 | 4.280     | 4.380 | 10.390     | 10.000     | 3.9   |
| Endrin               | 6.572 | 6.500     | 6.640 | 49.500     | 50.000     | -1.0  |
| 4,4'-DDT             | 7.021 | 6.950     | 7.090 | 90.560     | 100.000    | -9.4  |
| Methoxychlor         | 7.493 | 7.420     | 7.560 | 202.750    | 250.000    | -18.9 |

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 06/17/2025 06/17/2025

Client Sample No. (PEM): PEM - PD089175.D Date Analyzed: 06/27/2025

Lab Sample No.(PEM): PEM Time Analyzed: 03:11

| PEM COMPOUND         | RT    | RT WINDOW |       | CALC       | NOM        | %D    |
|----------------------|-------|-----------|-------|------------|------------|-------|
|                      |       | FROM      | TO    | AMOUNT(ng) | AMOUNT(ng) |       |
| Decachlorobiphenyl   | 8.071 | 7.970     | 8.170 | 18.490     | 20.000     | -7.6  |
| Tetrachloro-m-xylene | 2.881 | 2.830     | 2.930 | 22.340     | 20.000     | 11.7  |
| alpha-BHC            | 3.392 | 3.340     | 3.440 | 11.470     | 10.000     | 14.7  |
| beta-BHC             | 4.024 | 3.970     | 4.070 | 10.880     | 10.000     | 8.8   |
| gamma-BHC (Lindane)  | 3.729 | 3.680     | 3.780 | 11.550     | 10.000     | 15.5  |
| Endrin               | 5.788 | 5.720     | 5.860 | 50.120     | 50.000     | 0.2   |
| 4,4'-DDT             | 6.182 | 6.110     | 6.250 | 88.420     | 100.000    | -11.6 |
| Methoxychlor         | 6.753 | 6.680     | 6.820 | 172.110    | 250.000    | -31.2 |

PEM  
 Data File: PD089175.D Date Acquired 6/27/2025 3:11  
 Operator: AR\AJ

**ENDRIN BREAK DOWN**

Column #1

| Name            | RT   | Response    | Response<br>[E+EA+EK] | Response<br>[EA+EK] | % Break Down |
|-----------------|------|-------------|-----------------------|---------------------|--------------|
| Endrin          | 6.57 | 204198091.5 | 211591765             | 7393673.49          | Down<br>3.49 |
| Endrin aldehyde | 6.91 | 1504605.361 |                       |                     |              |
| Endrin ketone   | 7.63 | 5889068.133 |                       |                     |              |

Column #2

| Name               | RT   | Response    | Response<br>[E+EA+EK] | Response<br>[EA+EK] | % Break Down |
|--------------------|------|-------------|-----------------------|---------------------|--------------|
| Endrin #2          | 5.79 | 1088198402  | 1142414974            | 54216572.4          | 4.75         |
| Endrin aldehyde #2 | 6.26 | 16413847.77 |                       |                     |              |
| Endrin ketone #2   | 6.99 | 37802724.62 |                       |                     |              |

**DDT BREAK DOWN**

Column #1

| Name     | RT   | Response    | Response<br>[DDT+DDE+DDD] | Response<br>[DDE+DDD] | % Break Down |
|----------|------|-------------|---------------------------|-----------------------|--------------|
| 4,4'-DDT | 7.02 | 343048451.1 | 354429069.1               | 11380618.1            | 3.21         |
| 4,4'-DDE | 6.19 | 439429.281  |                           |                       |              |
| 4,4'-DDD | 6.70 | 10941188.78 |                           |                       |              |

Column #2

| Name        | RT   | Response    | Response<br>[DDT+DDE+DDD] | Response<br>[DDE+DDD] | % Break Down |
|-------------|------|-------------|---------------------------|-----------------------|--------------|
| 4,4'-DDT #2 | 6.18 | 1793176754  | 1865998262                | 72821508.3            | 3.90         |
| 4,4'-DDE #2 | 5.37 | 3463973.426 |                           |                       |              |
| 4,4'-DDD #2 | 5.93 | 69357534.91 |                           |                       |              |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062725\  
 Data File : PD089175.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Jun 2025 03:11  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 06/30/2025  
 Supervised By :mohammad ahmed 07/01/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 28 05:34:45 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 18 05:39:05 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|---------|
| -----                       |                 |       |       |          |          |         |         |
| System Monitoring Compounds |                 |       |       |          |          |         |         |
| 1)                          | SA Tetrachlo... | 3.550 | 2.881 | 61547888 | 378.8E6  | 21.572  | 22.344  |
| 28)                         | SA Decachlor... | 9.072 | 8.071 | 78160521 | 365.6E6  | 19.900  | 18.492  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.999 | 3.392 | 57939269 | 307.3E6  | 9.940   | 11.469  |
| 3)                          | MA gamma-BHC... | 4.330 | 3.729 | 57987105 | 285.9E6  | 10.389  | 11.547  |
| 6)                          | B beta-BHC      | 4.516 | 4.024 | 24229573 | 116.9E6  | 10.978  | 10.876  |
| 12)                         | B 4,4'-DDE      | 6.192 | 5.373 | 439429   | 3463973  | 0.101m  | 0.151m# |
| 14)                         | MA Endrin       | 6.572 | 5.788 | 204.2E6  | 1088.2E6 | 49.496m | 50.115  |
| 16)                         | A 4,4'-DDD      | 6.703 | 5.928 | 10941189 | 69357535 | 3.188m  | 3.626   |
| 17)                         | MA 4,4'-DDT     | 7.021 | 6.182 | 343.0E6  | 1793.2E6 | 90.557  | 88.424  |
| 18)                         | B Endrin al...  | 6.915 | 6.257 | 1504605  | 16413848 | 0.491m  | 1.072 # |
| 20)                         | A Methoxychlor  | 7.493 | 6.753 | 409.7E6  | 1853.3E6 | 202.747 | 172.114 |
| 21)                         | B Endrin ke...  | 7.628 | 6.990 | 5889068  | 37802725 | 1.446m  | 1.750   |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062725\  
Data File : PD089175.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Jun 2025 03:11  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

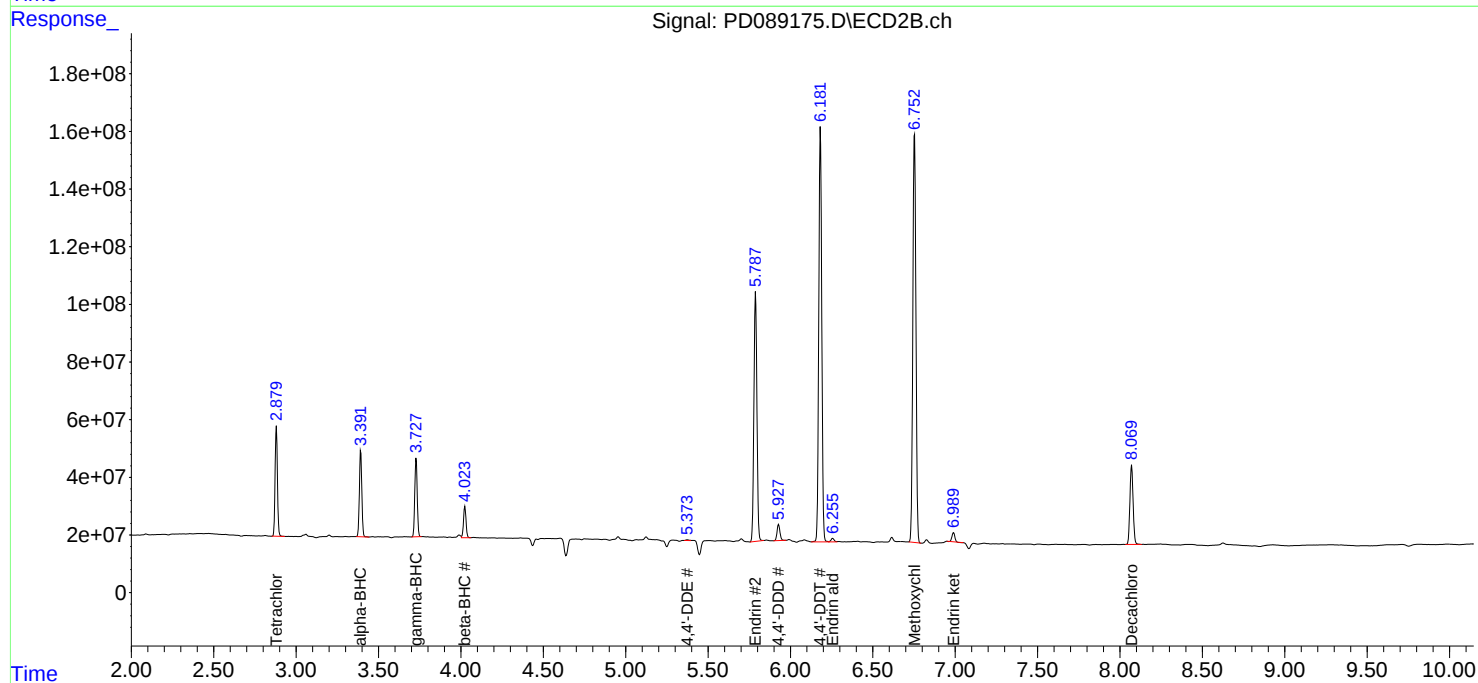
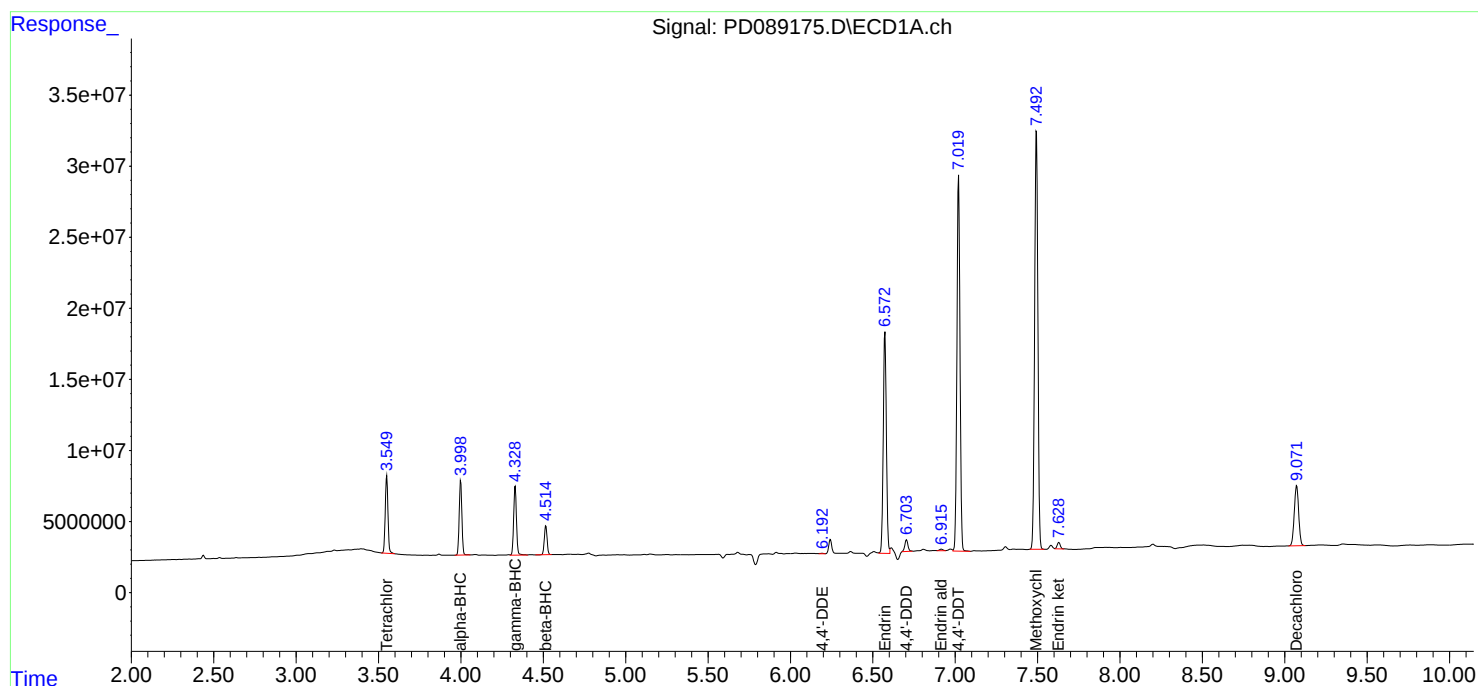
Instrument :  
ECD\_D  
ClientSampleId :  
PEM

Manual Integrations  
APPROVED

Reviewed By : Abdul Mirza 06/30/2025  
Supervised By : mohammad ahmed 07/01/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 28 05:34:45 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 18 05:39:05 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



**PESTICIDE CALIBRATION VERIFICATION SUMMARY**

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413 SAS No.: Q2413 SDG NO.: Q2413

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 06/17/2025 06/17/2025

Client Sample No. (PEM): PEM - PD089191.D Date Analyzed: 06/27/2025

Lab Sample No.(PEM): PEM Time Analyzed: 18:32

| PEM COMPOUND         | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| Decachlorobiphenyl   | 9.071 | 8.970     | 9.170 | 20.920             | 20.000            | 4.6   |
| Tetrachloro-m-xylene | 3.550 | 3.500     | 3.600 | 22.080             | 20.000            | 10.4  |
| alpha-BHC            | 3.998 | 3.950     | 4.050 | 10.090             | 10.000            | 0.9   |
| beta-BHC             | 4.515 | 4.460     | 4.570 | 11.260             | 10.000            | 12.6  |
| gamma-BHC (Lindane)  | 4.328 | 4.280     | 4.380 | 10.260             | 10.000            | 2.6   |
| Endrin               | 6.572 | 6.500     | 6.640 | 51.080             | 50.000            | 2.2   |
| 4,4'-DDT             | 7.020 | 6.950     | 7.090 | 80.720             | 100.000           | -19.3 |
| Methoxychlor         | 7.492 | 7.420     | 7.560 | 182.490            | 250.000           | -27.0 |

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 06/17/2025 06/17/2025

Client Sample No. (PEM): PEM - PD089191.D Date Analyzed: 06/27/2025

Lab Sample No.(PEM): PEM Time Analyzed: 18:32

| PEM COMPOUND         | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| Decachlorobiphenyl   | 8.071 | 7.970     | 8.170 | 20.430             | 20.000            | 2.2   |
| Tetrachloro-m-xylene | 2.880 | 2.830     | 2.930 | 23.060             | 20.000            | 15.3  |
| alpha-BHC            | 3.392 | 3.340     | 3.440 | 11.830             | 10.000            | 18.3  |
| beta-BHC             | 4.025 | 3.970     | 4.080 | 10.760             | 10.000            | 7.6   |
| gamma-BHC (Lindane)  | 3.729 | 3.680     | 3.780 | 11.860             | 10.000            | 18.6  |
| Endrin               | 5.788 | 5.720     | 5.860 | 53.330             | 50.000            | 6.7   |
| 4,4'-DDT             | 6.182 | 6.110     | 6.250 | 80.360             | 100.000           | -19.6 |
| Methoxychlor         | 6.753 | 6.680     | 6.820 | 160.570            | 250.000           | -35.8 |

PEM  
 Data File: PD089191.D Date Acquired 6/27/2025 18:32  
 Operator: AR\AJ

**ENDRIN BREAK DOWN**

Column #1

| Name            | RT   | Response    | Response<br>[E+EA+EK] | Response<br>[EA+EK] | % Break Down |
|-----------------|------|-------------|-----------------------|---------------------|--------------|
| Endrin          | 6.57 | 210724285.7 | 222758953.7           | 12034668            | 5.40         |
| Endrin aldehyde | 6.91 | 2685302.48  |                       |                     |              |
| Endrin ketone   | 7.63 | 9349365.479 |                       |                     |              |

Column #2

| Name               | RT   | Response    | Response<br>[E+EA+EK] | Response<br>[EA+EK] | % Break Down |
|--------------------|------|-------------|-----------------------|---------------------|--------------|
| Endrin #2          | 5.79 | 1158024800  | 1242908936            | 84884135.7          | 6.83         |
| Endrin aldehyde #2 | 6.26 | 18506437.53 |                       |                     |              |
| Endrin ketone #2   | 6.99 | 66377698.19 |                       |                     |              |

**DDT BREAK DOWN**

Column #1

| Name     | RT   | Response    | Response<br>[DDT+DDE+DDD] | Response<br>[DDE+DDD] | % Break Down |
|----------|------|-------------|---------------------------|-----------------------|--------------|
| 4,4'-DDT | 7.02 | 305775806.4 | 337426521.4               | 31650715              | 9.38         |
| 4,4'-DDE | 6.19 | 891696.972  |                           |                       |              |
| 4,4'-DDD | 6.70 | 30759017.99 |                           |                       |              |

Column #2

| Name        | RT   | Response    | Response<br>[DDT+DDE+DDD] | Response<br>[DDE+DDD] | % Break Down |
|-------------|------|-------------|---------------------------|-----------------------|--------------|
| 4,4'-DDT #2 | 6.18 | 1629679927  | 1807471290                | 177791363             | 9.84         |
| 4,4'-DDE #2 | 5.37 | 6331131.631 |                           |                       |              |
| 4,4'-DDD #2 | 5.93 | 171460231.5 |                           |                       |              |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062825\  
 Data File : PD089191.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Jun 2025 18:32  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 06/30/2025  
 Supervised By :mohammad ahmed 07/01/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 27 23:14:06 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 18 05:39:05 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|---------|
| -----                       |                 |       |       |          |          |         |         |
| System Monitoring Compounds |                 |       |       |          |          |         |         |
| 1)                          | SA Tetrachlo... | 3.550 | 2.880 | 63005766 | 390.9E6  | 22.083  | 23.060  |
| 28)                         | SA Decachlor... | 9.071 | 8.071 | 82146873 | 403.8E6  | 20.915  | 20.426  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.998 | 3.392 | 58830525 | 317.1E6  | 10.093  | 11.832  |
| 3)                          | MA gamma-BHC... | 4.328 | 3.729 | 57271214 | 293.6E6  | 10.261m | 11.861  |
| 6)                          | B beta-BHC      | 4.515 | 4.025 | 24856163 | 115.6E6  | 11.262  | 10.758  |
| 12)                         | B 4,4'-DDE      | 6.192 | 5.372 | 891697   | 6331132  | 0.204   | 0.276m# |
| 14)                         | MA Endrin       | 6.572 | 5.788 | 210.7E6  | 1158.0E6 | 51.077m | 53.331  |
| 16)                         | A 4,4'-DDD      | 6.704 | 5.928 | 30759018 | 171.5E6  | 8.962   | 8.963   |
| 17)                         | MA 4,4'-DDT     | 7.020 | 6.182 | 305.8E6  | 1629.7E6 | 80.718  | 80.362  |
| 18)                         | B Endrin al...  | 6.915 | 6.255 | 2685302  | 18506438 | 0.876   | 1.209m# |
| 20)                         | A Methoxychlor  | 7.492 | 6.753 | 368.7E6  | 1729.1E6 | 182.489 | 160.574 |
| 21)                         | B Endrin ke...  | 7.629 | 6.989 | 9349365  | 66377698 | 2.295   | 3.073 # |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062825\  
Data File : PD089191.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Jun 2025 18:32  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

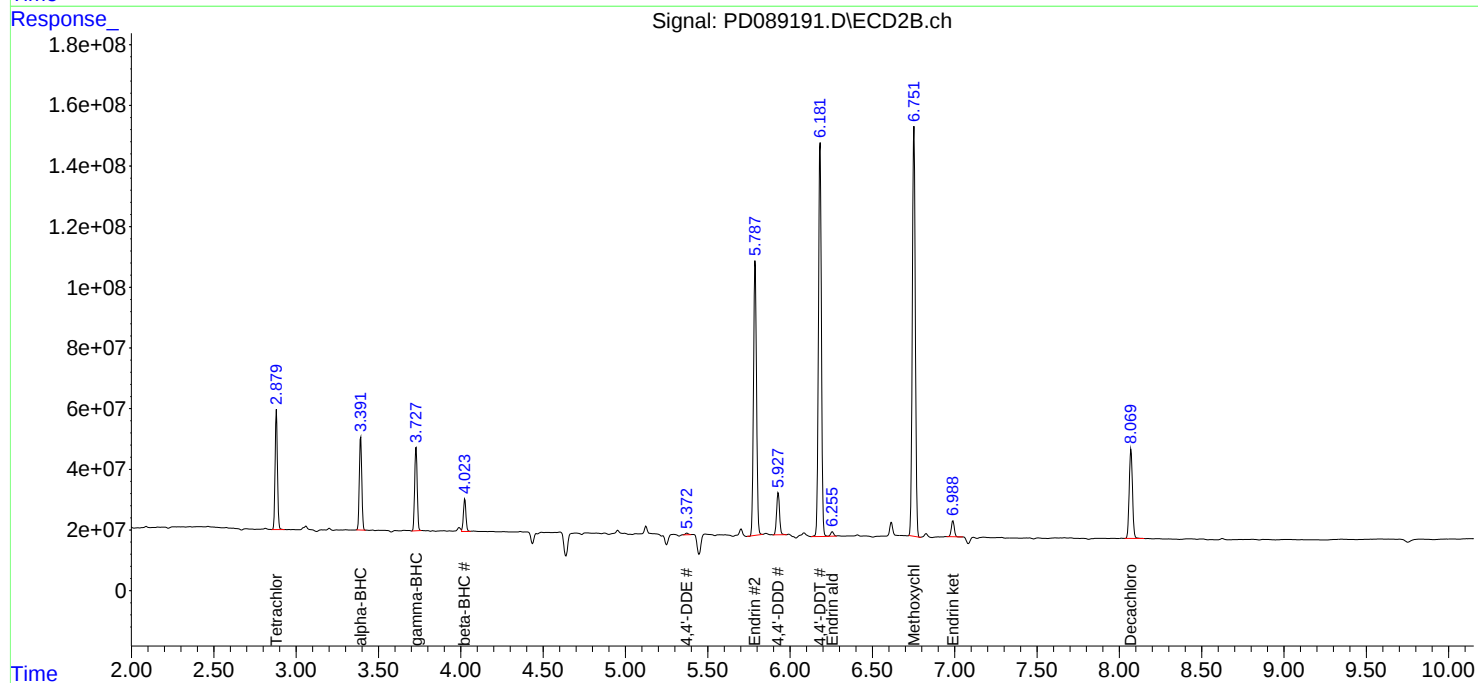
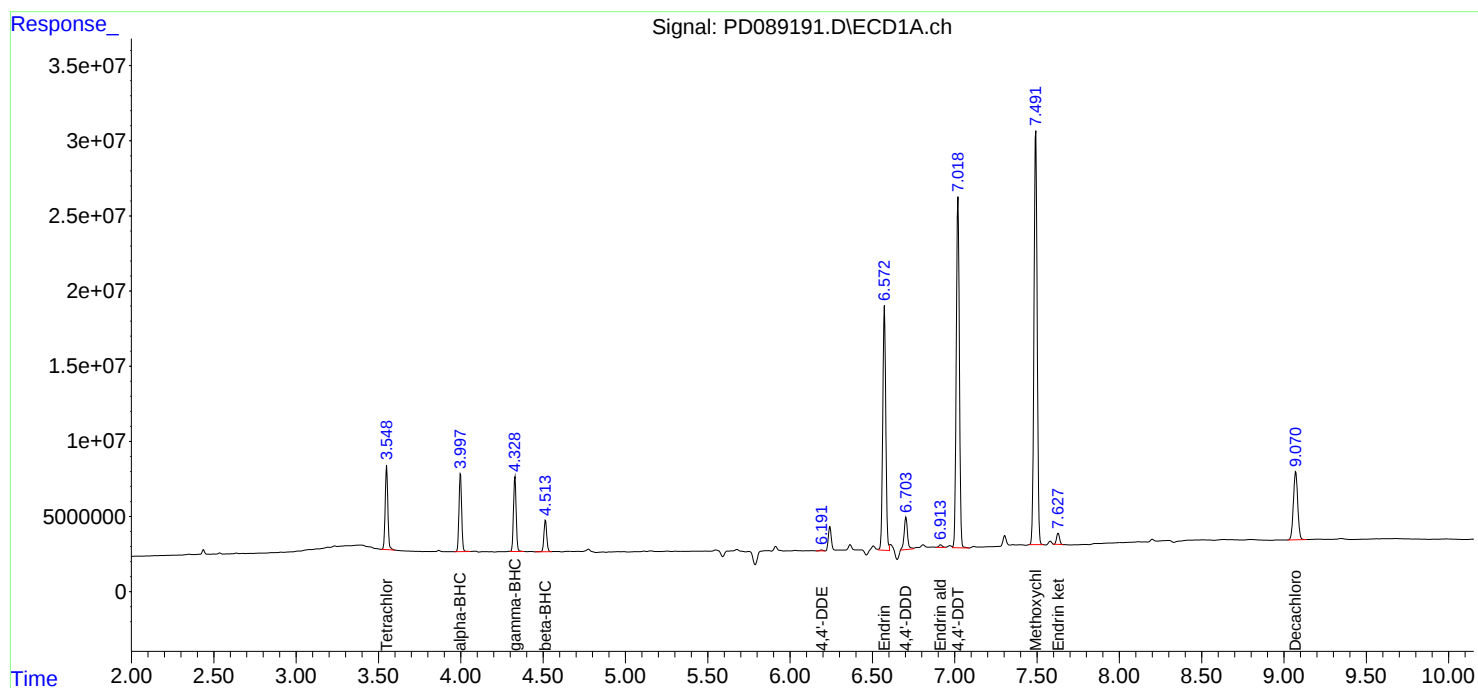
Instrument :  
ECD\_D  
ClientSampleId :  
PEM

Manual Integrations  
APPROVED

Reviewed By : Abdul Mirza 06/30/2025  
Supervised By : mohammad ahmed 07/01/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 27 23:14:06 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 18 05:39:05 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



## Analytical Sequence

|                                     |                                                           |
|-------------------------------------|-----------------------------------------------------------|
| Client: CDM Smith                   | SDG No.: Q2413                                            |
| Project: South River WM Replacement | Instrument ID: ECD_D                                      |
| GC Column: ZB-MR1                   | ID: 0.32 (mm) Inst. Calib. Date(s): 06/17/2025 06/17/2025 |

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 # |
|-------------------|------------------|------------------|------------------|------------|-------------|-------------|
| LBLK              | LBLK             | 06/17/2025       | 15:11            | PD088990.D | 9.07        | 3.55        |
| PEM               | PEM              | 06/17/2025       | 15:25            | PD088991.D | 9.07        | 3.55        |
| RESCHK            | RESCHK           | 06/17/2025       | 15:39            | PD088992.D | 9.07        | 3.55        |
| PSTDICC100        | PSTDICC100       | 06/17/2025       | 15:52            | PD088993.D | 9.07        | 3.55        |
| PSTDICC075        | PSTDICC075       | 06/17/2025       | 16:06            | PD088994.D | 9.07        | 3.55        |
| PSTDICC050        | PSTDICC050       | 06/17/2025       | 16:20            | PD088995.D | 9.07        | 3.55        |
| PSTDICC025        | PSTDICC025       | 06/17/2025       | 16:33            | PD088996.D | 9.07        | 3.55        |
| PSTDICC005        | PSTDICC005       | 06/17/2025       | 16:47            | PD088997.D | 9.07        | 3.55        |
| PCHLORICC500      | PCHLORICC500     | 06/17/2025       | 17:28            | PD089000.D | 9.07        | 3.55        |
| PTOXICC500        | PTOXICC500       | 06/17/2025       | 18:36            | PD089005.D | 9.07        | 3.55        |
| LBLK              | LBLK             | 06/26/2025       | 11:20            | PD089157.D | 9.07        | 3.55        |
| PEM               | PEM              | 06/26/2025       | 11:33            | PD089158.D | 9.07        | 3.55        |
| PSTDCCC050        | PSTDCCC050       | 06/26/2025       | 11:47            | PD089159.D | 9.07        | 3.55        |
| PB168623BL        | PB168623BL       | 06/26/2025       | 13:44            | PD089166.D | 9.07        | 3.55        |
| PB168623BS        | PB168623BS       | 06/26/2025       | 14:59            | PD089167.D | 9.08        | 3.56        |
| LBLK              | LBLK             | 06/26/2025       | 16:35            | PD089171.D | 9.08        | 3.56        |
| PSTDCCC050        | PSTDCCC050       | 06/26/2025       | 17:20            | PD089172.D | 9.08        | 3.56        |
| LBLK              | LBLK             | 06/27/2025       | 02:58            | PD089174.D | 9.07        | 3.55        |
| PEM               | PEM              | 06/27/2025       | 03:11            | PD089175.D | 9.07        | 3.55        |
| PSTDCCC050        | PSTDCCC050       | 06/27/2025       | 03:25            | PD089176.D | 9.07        | 3.55        |
| TP-35             | Q2413-01         | 06/27/2025       | 04:33            | PD089177.D | 9.07        | 3.55        |
| TP-34             | Q2413-02         | 06/27/2025       | 04:47            | PD089178.D | 9.07        | 3.55        |
| TP-77             | Q2413-03         | 06/27/2025       | 05:01            | PD089179.D | 9.07        | 3.55        |
| TP-74             | Q2413-04         | 06/27/2025       | 05:14            | PD089180.D | 9.07        | 3.55        |
| TP-73             | Q2413-05         | 06/27/2025       | 11:14            | PD089183.D | 9.07        | 3.55        |
| TP-72             | Q2413-06         | 06/27/2025       | 11:28            | PD089184.D | 9.07        | 3.55        |
| LBLK              | LBLK             | 06/27/2025       | 12:09            | PD089187.D | 9.07        | 3.55        |
| PSTDCCC050        | PSTDCCC050       | 06/27/2025       | 12:53            | PD089188.D | 9.07        | 3.55        |
| LBLK              | LBLK             | 06/27/2025       | 18:19            | PD089190.D | 9.07        | 3.55        |
| PEM               | PEM              | 06/27/2025       | 18:32            | PD089191.D | 9.07        | 3.55        |
| PSTDCCC050        | PSTDCCC050       | 06/27/2025       | 18:46            | PD089192.D | 9.07        | 3.55        |
| COMP-3MS          | Q2425-03MS       | 06/27/2025       | 20:22            | PD089198.D | 9.07        | 3.55        |
| COMP-3MSD         | Q2425-03MSD      | 06/27/2025       | 20:35            | PD089199.D | 9.07        | 3.55        |
| LBLK              | LBLK             | 06/27/2025       | 21:03            | PD089201.D | 9.07        | 3.55        |
| PSTDCCC050        | PSTDCCC050       | 06/27/2025       | 21:16            | PD089202.D | 9.07        | 3.55        |

## Analytical Sequence

Client: CDM Smith

SDG No.: Q2413

Project: South River WM Replacement

Instrument ID: ECD\_D

GC Column: ZB-MR2

ID: 0.32 (mm)

Inst. Calib. Date(s): 06/17/2025 06/17/2025

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             | 06/17/2025       | 15:11            | PD088990.D | 8.07        | 2.88        |
| PEM               | PEM              | 06/17/2025       | 15:25            | PD088991.D | 8.07        | 2.88        |
| RESCHK            | RESCHK           | 06/17/2025       | 15:39            | PD088992.D | 8.07        | 2.88        |
| PSTDICCC100       | PSTDICCC100      | 06/17/2025       | 15:52            | PD088993.D | 8.07        | 2.88        |
| PSTDICCC075       | PSTDICCC075      | 06/17/2025       | 16:06            | PD088994.D | 8.07        | 2.88        |
| PSTDICCC050       | PSTDICCC050      | 06/17/2025       | 16:20            | PD088995.D | 8.07        | 2.88        |
| PSTDICCC025       | PSTDICCC025      | 06/17/2025       | 16:33            | PD088996.D | 8.07        | 2.88        |
| PSTDICCC005       | PSTDICCC005      | 06/17/2025       | 16:47            | PD088997.D | 8.07        | 2.88        |
| PCHLORICC500      | PCHLORICC500     | 06/17/2025       | 17:28            | PD089000.D | 8.07        | 2.88        |
| PTOXICC500        | PTOXICC500       | 06/17/2025       | 18:36            | PD089005.D | 8.07        | 2.88        |
| IBLK              | IBLK             | 06/26/2025       | 11:20            | PD089157.D | 8.07        | 2.88        |
| PEM               | PEM              | 06/26/2025       | 11:33            | PD089158.D | 8.07        | 2.88        |
| PSTDCCC050        | PSTDCCC050       | 06/26/2025       | 11:47            | PD089159.D | 8.07        | 2.88        |
| PB168623BL        | PB168623BL       | 06/26/2025       | 13:44            | PD089166.D | 8.07        | 2.88        |
| PB168623BS        | PB168623BS       | 06/26/2025       | 14:59            | PD089167.D | 8.07        | 2.88        |
| IBLK              | IBLK             | 06/26/2025       | 16:35            | PD089171.D | 8.07        | 2.88        |
| PSTDCCC050        | PSTDCCC050       | 06/26/2025       | 17:20            | PD089172.D | 8.07        | 2.88        |
| IBLK              | IBLK             | 06/27/2025       | 02:58            | PD089174.D | 8.07        | 2.88        |
| PEM               | PEM              | 06/27/2025       | 03:11            | PD089175.D | 8.07        | 2.88        |
| PSTDCCC050        | PSTDCCC050       | 06/27/2025       | 03:25            | PD089176.D | 8.07        | 2.88        |
| TP-35             | Q2413-01         | 06/27/2025       | 04:33            | PD089177.D | 8.07        | 2.88        |
| TP-34             | Q2413-02         | 06/27/2025       | 04:47            | PD089178.D | 8.07        | 2.88        |
| TP-77             | Q2413-03         | 06/27/2025       | 05:01            | PD089179.D | 8.07        | 2.88        |
| TP-74             | Q2413-04         | 06/27/2025       | 05:14            | PD089180.D | 8.07        | 2.88        |
| TP-73             | Q2413-05         | 06/27/2025       | 11:14            | PD089183.D | 8.07        | 2.88        |
| TP-72             | Q2413-06         | 06/27/2025       | 11:28            | PD089184.D | 8.07        | 2.88        |
| IBLK              | IBLK             | 06/27/2025       | 12:09            | PD089187.D | 8.07        | 2.88        |
| PSTDCCC050        | PSTDCCC050       | 06/27/2025       | 12:53            | PD089188.D | 8.07        | 2.88        |
| IBLK              | IBLK             | 06/27/2025       | 18:19            | PD089190.D | 8.07        | 2.88        |
| PEM               | PEM              | 06/27/2025       | 18:32            | PD089191.D | 8.07        | 2.88        |
| PSTDCCC050        | PSTDCCC050       | 06/27/2025       | 18:46            | PD089192.D | 8.07        | 2.88        |
| COMP-3MS          | Q2425-03MS       | 06/27/2025       | 20:22            | PD089198.D | 8.07        | 2.88        |
| COMP-3MSD         | Q2425-03MSD      | 06/27/2025       | 20:35            | PD089199.D | 8.07        | 2.88        |
| IBLK              | IBLK             | 06/27/2025       | 21:03            | PD089201.D | 8.07        | 2.88        |
| PSTDCCC050        | PSTDCCC050       | 06/27/2025       | 21:16            | PD089202.D | 8.07        | 2.88        |

# COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-3MS

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413

SAS No.: Q2413 SDG NO.: Q2413

Lab Sample ID: Q2425-03MS

Date(s) Analyzed: 06/27/2025 06/27/2025

Instrument ID (1): ECD\_D

Instrument ID (2): ECD\_D

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

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

| ANALYTE             | COL | RT   | RT WINDOW |      | CONCENTRATION | %RPD |
|---------------------|-----|------|-----------|------|---------------|------|
|                     |     |      | FROM      | TO   |               |      |
| Endosulfan II       | 1   | 6.78 | 6.73      | 6.83 | 17.1          | 0.6  |
|                     | 2   | 6.08 | 6.03      | 6.13 | 17.2          |      |
| 4,4'-DDD            | 1   | 6.70 | 6.65      | 6.75 | 18.6          | 4.4  |
|                     | 2   | 5.93 | 5.88      | 5.98 | 17.8          |      |
| 4,4'-DDT            | 1   | 7.02 | 6.97      | 7.07 | 11.5          | 14.5 |
|                     | 2   | 6.18 | 6.13      | 6.23 | 13.3          |      |
| Endrin aldehyde     | 1   | 6.91 | 6.86      | 6.96 | 11.4          | 2.6  |
|                     | 2   | 6.26 | 6.21      | 6.31 | 11.7          |      |
| Endosulfan sulfate  | 1   | 7.15 | 7.10      | 7.20 | 13.7          | 1.4  |
|                     | 2   | 6.48 | 6.43      | 6.53 | 13.9          |      |
| Methoxychlor        | 1   | 7.49 | 7.44      | 7.54 | 11.0          | 7.9  |
|                     | 2   | 6.75 | 6.70      | 6.80 | 11.9          |      |
| Endrin ketone       | 1   | 7.63 | 7.58      | 7.68 | 16.4          | 0.6  |
|                     | 2   | 6.99 | 6.94      | 7.04 | 16.5          |      |
| alpha-BHC           | 1   | 4.00 | 3.95      | 4.05 | 16.7          | 3.5  |
|                     | 2   | 3.39 | 3.34      | 3.44 | 17.3          |      |
| gamma-BHC (Lindane) | 1   | 4.33 | 4.28      | 4.38 | 16.1          | 1.8  |
|                     | 2   | 3.73 | 3.68      | 3.78 | 16.4          |      |
| Heptachlor          | 1   | 4.93 | 4.88      | 4.98 | 14.7          | 3.3  |
|                     | 2   | 4.08 | 4.03      | 4.13 | 15.2          |      |
| Aldrin              | 1   | 5.27 | 5.22      | 5.32 | 17.6          | 1.7  |
|                     | 2   | 4.37 | 4.32      | 4.42 | 17.9          |      |
| beta-BHC            | 1   | 4.52 | 4.47      | 4.57 | 17.1          | 5.7  |
|                     | 2   | 4.03 | 3.98      | 4.08 | 18.1          |      |
| delta-BHC           | 1   | 4.76 | 4.71      | 4.81 | 17.1          | 3    |
|                     | 2   | 4.26 | 4.21      | 4.31 | 16.6          |      |
| Heptachlor epoxide  | 1   | 5.69 | 5.64      | 5.74 | 17.3          | 3.4  |
|                     | 2   | 4.87 | 4.82      | 4.92 | 17.9          |      |

### COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-3MS

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413

SAS No.: Q2413

SDG NO.: Q2413

Lab Sample ID: Q2425-03MS

Date(s) Analyzed: 06/27/2025 06/27/2025

Instrument ID (1): ECD\_D

Instrument ID (2): ECD\_D

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

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

| ANALYTE         | COL | RT   | RT WINDOW |      | CONCENTRATION | %RPD |
|-----------------|-----|------|-----------|------|---------------|------|
|                 |     |      | FROM      | TO   |               |      |
| Endosulfan I    | 1   | 6.07 | 6.02      | 6.12 | 17.4          | 0.6  |
|                 | 2   | 5.25 | 5.20      | 5.30 | 17.3          |      |
| gamma-Chlordane | 1   | 5.95 | 5.90      | 6.00 | 18.1          | 1.7  |
|                 | 2   | 5.12 | 5.07      | 5.17 | 17.8          |      |
| alpha-Chlordane | 1   | 6.03 | 5.98      | 6.08 | 17.3          | 1.7  |
|                 | 2   | 5.19 | 5.14      | 5.24 | 17.6          |      |
| 4,4'-DDE        | 1   | 6.20 | 6.15      | 6.25 | 17.2          | 2.9  |
|                 | 2   | 5.37 | 5.32      | 5.42 | 17.7          |      |
| Dieldrin        | 1   | 6.35 | 6.30      | 6.40 | 17.4          | 1.1  |
|                 | 2   | 5.51 | 5.46      | 5.56 | 17.6          |      |
| Endrin          | 1   | 6.57 | 6.52      | 6.62 | 16.1          | 2.5  |
|                 | 2   | 5.79 | 5.74      | 5.84 | 16.5          |      |

### COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-3MSD

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413

SAS No.: Q2413 SDG NO.: Q2413

Lab Sample ID: Q2425-03MSD

Date(s) Analyzed: 06/27/2025 06/27/2025

Instrument ID (1): ECD\_D

Instrument ID (2): ECD\_D

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

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

| ANALYTE             | COL | RT   | RT WINDOW |      | CONCENTRATION | %RPD |
|---------------------|-----|------|-----------|------|---------------|------|
|                     |     |      | FROM      | TO   |               |      |
| Endosulfan II       | 1   | 6.79 | 6.74      | 6.84 | 17.5          | 1.1  |
|                     | 2   | 6.08 | 6.03      | 6.13 | 17.3          |      |
| 4,4'-DDD            | 1   | 6.70 | 6.65      | 6.75 | 17.7          | 3.4  |
|                     | 2   | 5.93 | 5.88      | 5.98 | 17.1          |      |
| 4,4'-DDT            | 1   | 7.02 | 6.97      | 7.07 | 10.2          | 23.4 |
|                     | 2   | 6.18 | 6.13      | 6.23 | 12.9          |      |
| Endrin aldehyde     | 1   | 6.91 | 6.86      | 6.96 | 13.7          | 1.5  |
|                     | 2   | 6.26 | 6.21      | 6.31 | 13.5          |      |
| Endosulfan sulfate  | 1   | 7.15 | 7.10      | 7.20 | 15.0          | 4.8  |
|                     | 2   | 6.48 | 6.43      | 6.53 | 14.3          |      |
| Methoxychlor        | 1   | 7.49 | 7.44      | 7.54 | 9.40          | 10.1 |
|                     | 2   | 6.75 | 6.70      | 6.80 | 10.4          |      |
| Endrin ketone       | 1   | 7.63 | 7.58      | 7.68 | 15.4          | 0.6  |
|                     | 2   | 6.99 | 6.94      | 7.04 | 15.5          |      |
| alpha-BHC           | 1   | 4.00 | 3.95      | 4.05 | 17.4          | 2.3  |
|                     | 2   | 3.39 | 3.34      | 3.44 | 17.8          |      |
| gamma-BHC (Lindane) | 1   | 4.33 | 4.28      | 4.38 | 17.0          | 1.2  |
|                     | 2   | 3.73 | 3.68      | 3.78 | 17.2          |      |
| Heptachlor          | 1   | 4.93 | 4.88      | 4.98 | 13.6          | 2.2  |
|                     | 2   | 4.08 | 4.03      | 4.13 | 13.9          |      |
| Aldrin              | 1   | 5.27 | 5.22      | 5.32 | 18.2          | 0.5  |
|                     | 2   | 4.37 | 4.32      | 4.42 | 18.3          |      |
| beta-BHC            | 1   | 4.52 | 4.47      | 4.57 | 17.2          | 5.1  |
|                     | 2   | 4.02 | 3.97      | 4.07 | 18.1          |      |
| delta-BHC           | 1   | 4.76 | 4.71      | 4.81 | 16.7          | 3    |
|                     | 2   | 4.26 | 4.21      | 4.31 | 16.2          |      |
| Heptachlor epoxide  | 1   | 5.69 | 5.64      | 5.74 | 17.6          | 2.2  |
|                     | 2   | 4.87 | 4.82      | 4.92 | 18.0          |      |

**COMPOUND DETECTION SUMMARY**

CLIENT SAMPLE NO.

COMP-3MSD

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413

SAS No.: Q2413

SDG NO.: Q2413

Lab Sample ID: Q2425-03MSD

Date(s) Analyzed: 06/27/2025 06/27/2025

Instrument ID (1): ECD\_D

Instrument ID (2): ECD\_D

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

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

| ANALYTE         | COL | RT   | RT WINDOW |      | CONCENTRATION | %RPD |
|-----------------|-----|------|-----------|------|---------------|------|
|                 |     |      | FROM      | TO   |               |      |
| Endosulfan I    | 1   | 6.07 | 6.02      | 6.12 | 17.7          | 2.3  |
|                 | 2   | 5.25 | 5.20      | 5.30 | 17.3          |      |
| gamma-Chlordane | 1   | 5.95 | 5.90      | 6.00 | 18.7          | 1.6  |
|                 | 2   | 5.12 | 5.07      | 5.17 | 18.4          |      |
| alpha-Chlordane | 1   | 6.03 | 5.98      | 6.08 | 17.7          | 1.1  |
|                 | 2   | 5.19 | 5.14      | 5.24 | 17.9          |      |
| 4,4'-DDE        | 1   | 6.20 | 6.15      | 6.25 | 18.2          | 1.1  |
|                 | 2   | 5.37 | 5.32      | 5.42 | 18.4          |      |
| Dieldrin        | 1   | 6.35 | 6.30      | 6.40 | 17.8          | 0.6  |
|                 | 2   | 5.51 | 5.46      | 5.56 | 17.9          |      |
| Endrin          | 1   | 6.57 | 6.52      | 6.62 | 16.7          | 1.2  |
|                 | 2   | 5.79 | 5.74      | 5.84 | 16.5          |      |

# COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB168623BS

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413

SAS No.: Q2413 SDG NO.: Q2413

Lab Sample ID: PB168623BS

Date(s) Analyzed: 06/26/2025 06/26/2025

Instrument ID (1): ECD\_D

Instrument ID (2): ECD\_D

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

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

| ANALYTE            | COL | RT   | RT WINDOW |      | CONCENTRATION | %RPD |
|--------------------|-----|------|-----------|------|---------------|------|
|                    |     |      | FROM      | TO   |               |      |
| 4,4'-DDD           | 1   | 6.71 | 6.66      | 6.76 | 16.1          | 0.6  |
|                    | 2   | 5.93 | 5.88      | 5.98 | 16.0          |      |
| 4,4'-DDE           | 1   | 6.20 | 6.15      | 6.25 | 15.9          | 2.5  |
|                    | 2   | 5.38 | 5.33      | 5.43 | 15.5          |      |
| 4,4'-DDT           | 1   | 7.03 | 6.98      | 7.08 | 13.9          | 0    |
|                    | 2   | 6.18 | 6.13      | 6.23 | 13.9          |      |
| alpha-BHC          | 1   | 4.01 | 3.96      | 4.06 | 16.2          | 1.9  |
|                    | 2   | 3.39 | 3.34      | 3.44 | 15.9          |      |
| Aldrin             | 1   | 5.28 | 5.23      | 5.33 | 16.2          | 1.9  |
|                    | 2   | 4.37 | 4.32      | 4.42 | 15.9          |      |
| alpha-Chlordane    | 1   | 6.03 | 5.98      | 6.08 | 15.9          | 1.9  |
|                    | 2   | 5.19 | 5.14      | 5.24 | 15.6          |      |
| Endosulfan II      | 1   | 6.79 | 6.74      | 6.84 | 15.7          | 1.9  |
|                    | 2   | 6.08 | 6.03      | 6.13 | 15.4          |      |
| Endosulfan sulfate | 1   | 7.16 | 7.11      | 7.21 | 15.1          | 1.3  |
|                    | 2   | 6.48 | 6.43      | 6.53 | 14.9          |      |
| beta-BHC           | 1   | 4.52 | 4.47      | 4.57 | 15.7          | 0    |
|                    | 2   | 4.03 | 3.98      | 4.08 | 15.7          |      |
| delta-BHC          | 1   | 4.77 | 4.72      | 4.82 | 16.9          | 6.1  |
|                    | 2   | 4.26 | 4.21      | 4.31 | 15.9          |      |
| Endosulfan I       | 1   | 6.08 | 6.03      | 6.13 | 15.9          | 0.6  |
|                    | 2   | 5.25 | 5.20      | 5.30 | 15.8          |      |
| Dieldrin           | 1   | 6.35 | 6.30      | 6.40 | 15.9          | 2.5  |
|                    | 2   | 5.51 | 5.46      | 5.56 | 15.5          |      |
| Endrin aldehyde    | 1   | 6.92 | 6.87      | 6.97 | 15.3          | 1.3  |
|                    | 2   | 6.26 | 6.21      | 6.31 | 15.1          |      |
| Methoxychlor       | 1   | 7.50 | 7.45      | 7.55 | 12.9          | 0.8  |
|                    | 2   | 6.75 | 6.70      | 6.80 | 13.0          |      |

### COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB168623BS

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413

SAS No.: Q2413 SDG NO.: Q2413

Lab Sample ID: PB168623BS

Date(s) Analyzed: 06/26/2025 06/26/2025

Instrument ID (1): ECD\_D

Instrument ID (2): ECD\_D

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

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

| ANALYTE             | COL | RT   | RT WINDOW |      | CONCENTRATION | %RPD |
|---------------------|-----|------|-----------|------|---------------|------|
|                     |     |      | FROM      | TO   |               |      |
| Endrin ketone       | 1   | 7.64 | 7.59      | 7.69 | 15.5          | 2.6  |
|                     | 2   | 6.99 | 6.94      | 7.04 | 15.1          |      |
| gamma-BHC (Lindane) | 1   | 4.34 | 4.29      | 4.39 | 16.2          | 1.9  |
|                     | 2   | 3.73 | 3.68      | 3.78 | 15.9          |      |
| Heptachlor          | 1   | 4.94 | 4.89      | 4.99 | 15.7          | 3.9  |
|                     | 2   | 4.08 | 4.03      | 4.13 | 15.1          |      |
| Heptachlor epoxide  | 1   | 5.70 | 5.65      | 5.75 | 15.7          | 0.6  |
|                     | 2   | 4.87 | 4.82      | 4.92 | 15.8          |      |
| gamma-Chlordane     | 1   | 5.95 | 5.90      | 6.00 | 16.0          | 1.9  |
|                     | 2   | 5.13 | 5.08      | 5.18 | 15.7          |      |
| Endrin              | 1   | 6.58 | 6.53      | 6.63 | 14.3          | 1.4  |
|                     | 2   | 5.79 | 5.74      | 5.84 | 14.1          |      |

# COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-34

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413

SAS No.: Q2413 SDG NO.: Q2413

Lab Sample ID: Q2413-02

Date(s) Analyzed: 06/27/2025 06/27/2025

Instrument ID (1): ECD\_D

Instrument ID (2): ECD\_D

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

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

| ANALYTE         | COL | RT   | RT WINDOW |      | CONCENTRATION | %RPD |
|-----------------|-----|------|-----------|------|---------------|------|
|                 |     |      | FROM      | TO   |               |      |
| beta-BHC        | 1   | 4.52 | 4.47      | 4.57 | 0.39          | 55.6 |
|                 | 2   | 4.04 | 3.99      | 4.09 | 0.22          |      |
| gamma-Chlordane | 1   | 5.95 | 5.90      | 6.00 | 0.78          | 61.4 |
|                 | 2   | 5.12 | 5.07      | 5.17 | 0.41          |      |
| alpha-Chlordane | 1   | 6.03 | 5.98      | 6.08 | 1.20          | 61.9 |
|                 | 2   | 5.19 | 5.14      | 5.24 | 0.63          |      |

# COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-73

Contract: CAMP02

Lab Code: CHEM

Case No.: Q2413

SAS No.: Q2413

SDG NO.: Q2413

Lab Sample ID: Q2413-05

Date(s) Analyzed: 06/27/2025 06/27/2025

Instrument ID (1): ECD\_D

Instrument ID (2): ECD\_D

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

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

| ANALYTE  | COL | RT   | RT WINDOW |      | CONCENTRATION | %RPD |
|----------|-----|------|-----------|------|---------------|------|
|          |     |      | FROM      | TO   |               |      |
| 4,4'-DDD | 1   | 6.70 | 6.65      | 6.75 | 0.29          | 7.6  |
|          | 2   | 5.93 | 5.88      | 5.98 | 0.27          |      |

# COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-74

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413 SAS No.: Q2413 SDG NO.: Q2413

Lab Sample ID: Q2413-04 Date(s) Analyzed: 06/27/2025 06/27/2025

Instrument ID (1): ECD\_D Instrument ID (2): ECD\_D

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

| ANALYTE  | COL | RT   | RT WINDOW |      | CONCENTRATION | %RPD |
|----------|-----|------|-----------|------|---------------|------|
|          |     |      | FROM      | TO   |               |      |
| 4,4'-DDT | 1   | 7.02 | 6.97      | 7.07 | 0.28          | 42.9 |
|          | 2   | 6.18 | 6.13      | 6.23 | 0.43          |      |
| 4,4'-DDE | 1   | 6.20 | 6.15      | 6.25 | 0.24          | 42.4 |
|          | 2   | 5.37 | 5.32      | 5.42 | 0.37          |      |

### COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

TP-77

Contract: CAMP02

Lab Code: CHEM Case No.: Q2413 SAS No.: Q2413 SDG NO.: Q2413

Lab Sample ID: Q2413-03 Date(s) Analyzed: 06/27/2025 06/27/2025

Instrument ID (1): ECD\_D Instrument ID (2): ECD\_D

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

| ANALYTE | COL | RT   | RT WINDOW |      | CONCENTRATION | %RPD |
|---------|-----|------|-----------|------|---------------|------|
|         |     |      | FROM      | TO   |               |      |
| Endrin  | 1   | 6.57 | 6.52      | 6.62 | 0.17          | 44.1 |
|         | 2   | 5.79 | 5.74      | 5.84 | 0.26          |      |



# QC SAMPLE DATA

## Report of Analysis

|                    |                            |                    |                    |
|--------------------|----------------------------|--------------------|--------------------|
| Client:            | CDM Smith                  | Date Collected:    |                    |
| Project:           | South River WM Replacement | Date Received:     |                    |
| Client Sample ID:  | PB168623BL                 | SDG No.:           | Q2413              |
| Lab Sample ID:     | PB168623BL                 | Matrix:            | SOIL               |
| Analytical Method: | 8081B                      | % Solid:           | 100      Decanted: |
| Sample Wt/Vol:     | 30.02      Units:    g     | Final Vol:         | 10000      uL      |
| Soil Aliquot Vol:  | uL                         | Test:              | Pesticide-TCL      |
| Extraction Type:   |                            | Injection Volume : |                    |
| GPC Factor :       | 1.0      PH :              |                    |                    |
| Prep Method :      | SW3541B                    |                    |                    |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PD089166.D        | 1         | 06/26/25 08:20 | 06/26/25 13:44 | PB168623      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 319-84-6          | alpha-BHC            | 0.13  | U         | 0.13     | 1.70       | ug/kg             |
| 319-85-7          | beta-BHC             | 0.18  | U         | 0.18     | 1.70       | ug/kg             |
| 319-86-8          | delta-BHC            | 0.39  | U         | 0.39     | 1.70       | ug/kg             |
| 58-89-9           | gamma-BHC (Lindane)  | 0.14  | U         | 0.14     | 1.70       | ug/kg             |
| 76-44-8           | Heptachlor           | 0.12  | U         | 0.12     | 1.70       | ug/kg             |
| 309-00-2          | Aldrin               | 0.12  | U         | 0.12     | 1.70       | ug/kg             |
| 1024-57-3         | Heptachlor epoxide   | 0.19  | U         | 0.19     | 1.70       | ug/kg             |
| 959-98-8          | Endosulfan I         | 0.14  | U         | 0.14     | 1.70       | ug/kg             |
| 60-57-1           | Dieldrin             | 0.14  | U         | 0.14     | 1.70       | ug/kg             |
| 72-55-9           | 4,4-DDE              | 0.14  | U         | 0.14     | 1.70       | ug/kg             |
| 72-20-8           | Endrin               | 0.14  | U         | 0.14     | 1.70       | ug/kg             |
| 33213-65-9        | Endosulfan II        | 0.29  | U         | 0.29     | 1.70       | ug/kg             |
| 72-54-8           | 4,4-DDD              | 0.15  | U         | 0.15     | 1.70       | ug/kg             |
| 1031-07-8         | Endosulfan Sulfate   | 0.13  | U         | 0.13     | 1.70       | ug/kg             |
| 50-29-3           | 4,4-DDT              | 0.14  | U         | 0.14     | 1.70       | ug/kg             |
| 72-43-5           | Methoxychlor         | 0.37  | U         | 0.37     | 1.70       | ug/kg             |
| 53494-70-5        | Endrin ketone        | 0.19  | U         | 0.19     | 1.70       | ug/kg             |
| 7421-93-4         | Endrin aldehyde      | 0.37  | U         | 0.37     | 1.70       | ug/kg             |
| 5103-71-9         | alpha-Chlordane      | 0.12  | U         | 0.12     | 1.70       | ug/kg             |
| 5103-74-2         | gamma-Chlordane      | 0.15  | U         | 0.15     | 1.70       | ug/kg             |
| 8001-35-2         | Toxaphene            | 5.40  | U         | 5.40     | 33.0       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 17.6  |           | 20 - 144 | 88%        | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 19.3  |           | 19 - 148 | 97%        | SPK: 20           |

## Report of Analysis

|                    |                            |                    |               |
|--------------------|----------------------------|--------------------|---------------|
| Client:            | CDM Smith                  | Date Collected:    |               |
| Project:           | South River WM Replacement | Date Received:     |               |
| Client Sample ID:  | PB168623BL                 | SDG No.:           | Q2413         |
| Lab Sample ID:     | PB168623BL                 | Matrix:            | SOIL          |
| Analytical Method: | 8081B                      | % Solid:           | 100           |
| Sample Wt/Vol:     | 30.02                      | Units:             | g             |
| Soil Aliquot Vol:  |                            |                    | uL            |
| Extraction Type:   |                            | Test:              | Pesticide-TCL |
| GPC Factor :       | 1.0                        | Injection Volume : |               |
| Prep Method :      | SW3541B                    |                    |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PD089166.D        | 1         | 06/26/25 08:20 | 06/26/25 13:44 | PB168623      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062625\  
Data File : PD089166.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Jun 2025 13:44  
Operator : AR\AJ  
Sample : PB168623BL  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PB168623BL

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 26 23:29:33 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 18 05:39:05 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2  | ng/ml  | ng/ml  |
|-----------------------------|-----------------|-------|-------|----------|---------|--------|--------|
| -----                       |                 |       |       |          |         |        |        |
| System Monitoring Compounds |                 |       |       |          |         |        |        |
| 1)                          | SA Tetrachlo... | 3.551 | 2.881 | 50994708 | 327.3E6 | 17.873 | 19.309 |
| 28)                         | SA Decachlor... | 9.073 | 8.071 | 68970912 | 321.3E6 | 17.560 | 16.250 |

Target Compounds

-----

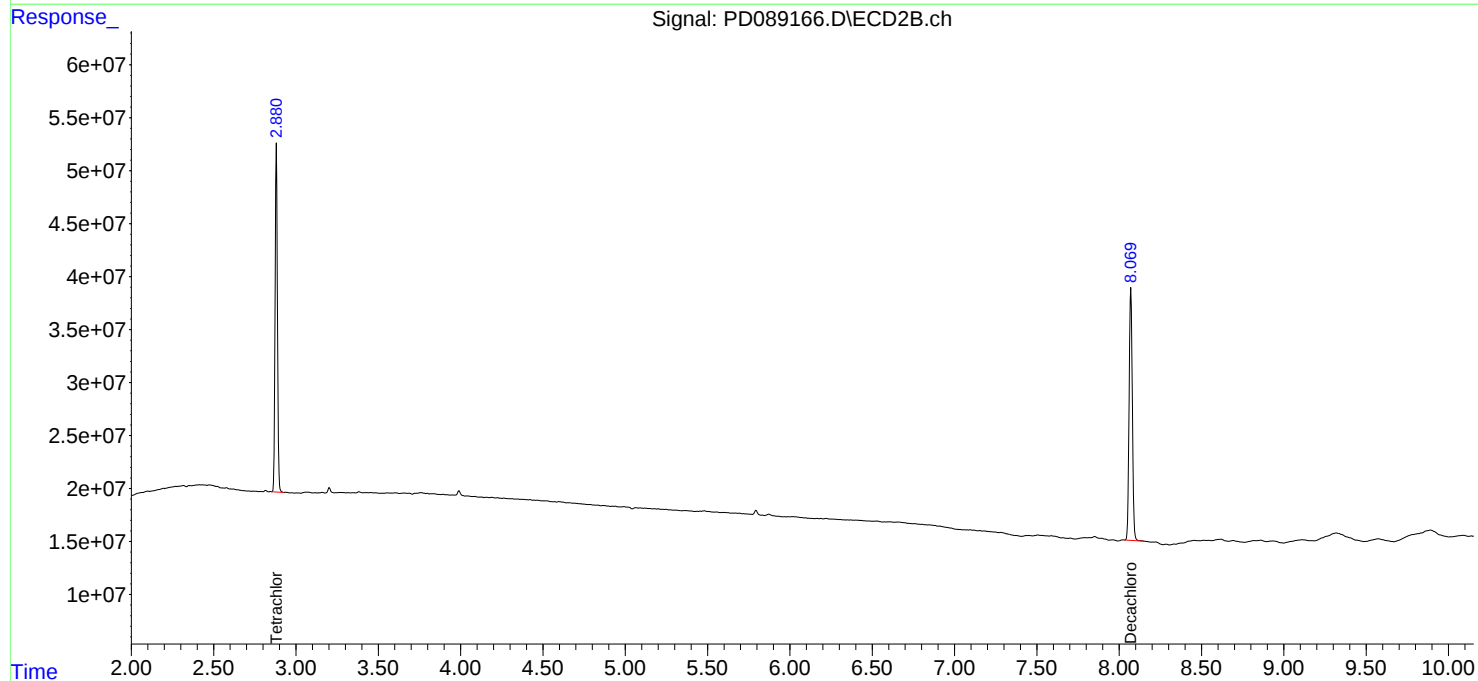
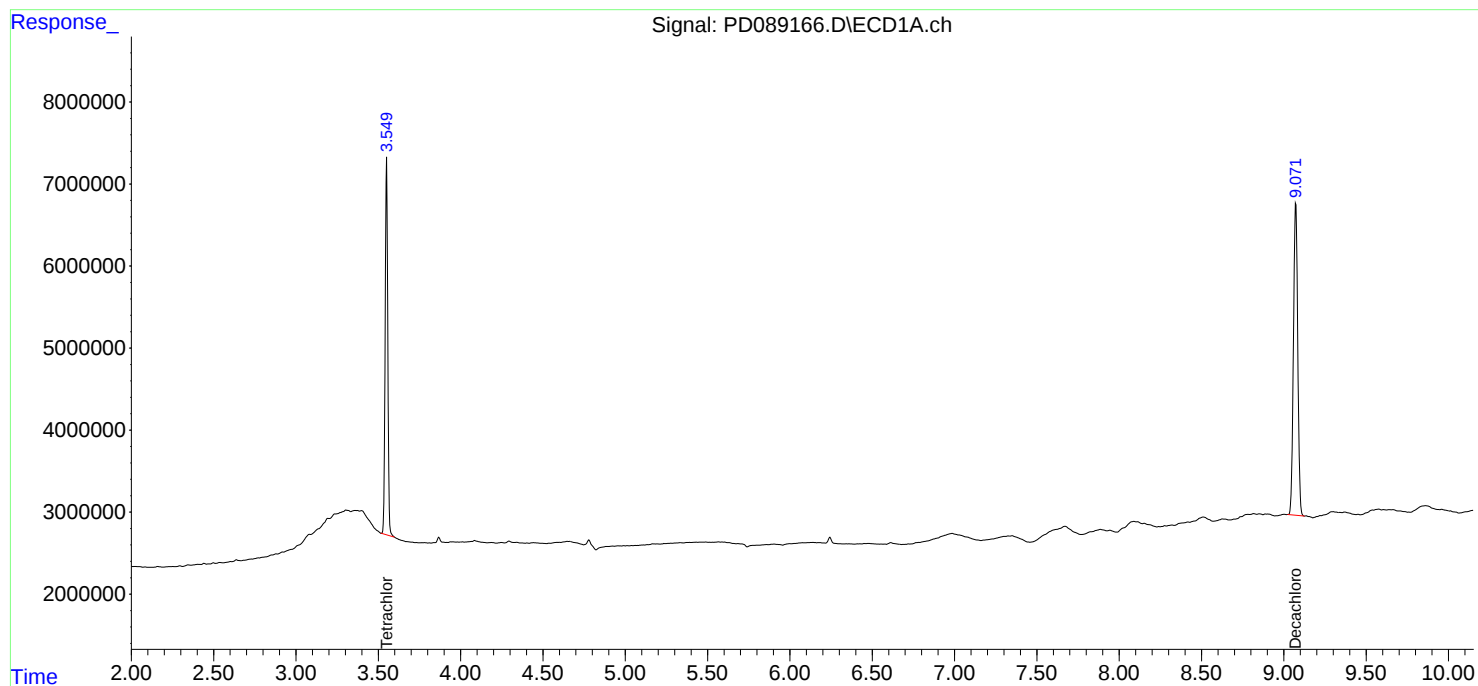
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

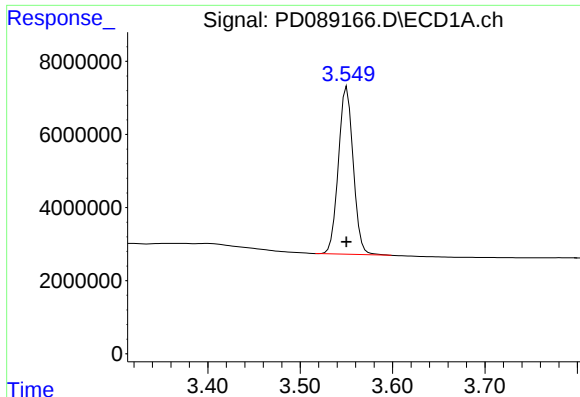
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062625\  
Data File : PD089166.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Jun 2025 13:44  
Operator : AR\AJ  
Sample : PB168623BL  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PB168623BL

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 26 23:29:33 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 18 05:39:05 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

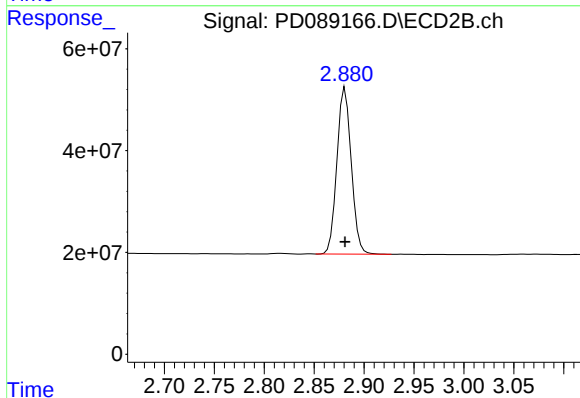




#1 Tetrachloro-m-xylene

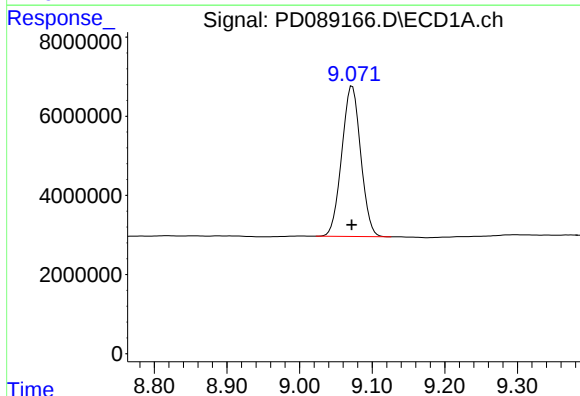
R.T.: 3.551 min  
Delta R.T.: 0.000 min  
Response: 50994708  
Conc: 17.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168623BL



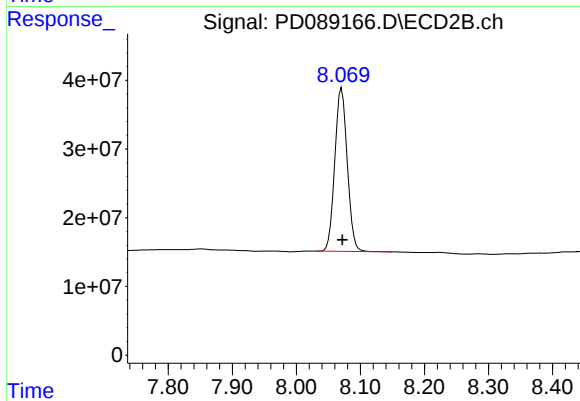
#1 Tetrachloro-m-xylene

R.T.: 2.881 min  
Delta R.T.: 0.000 min  
Response: 327345413  
Conc: 19.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.073 min  
Delta R.T.: 0.000 min  
Response: 68970912  
Conc: 17.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.071 min  
Delta R.T.: -0.001 min  
Response: 321261355  
Conc: 16.25 ng/ml

## Report of Analysis

|                    |                            |                    |                  |
|--------------------|----------------------------|--------------------|------------------|
| Client:            | CDM Smith                  | Date Collected:    | 06/17/25         |
| Project:           | South River WM Replacement | Date Received:     | 06/17/25         |
| Client Sample ID:  | PIBLK-PD088990.D           | SDG No.:           | Q2413            |
| Lab Sample ID:     | I.BLK-PD088990.D           | Matrix:            | WATER            |
| Analytical Method: | 8081B                      | % Solid:           | 0      Decanted: |
| Sample Wt/Vol:     | 1000      Units:    mL     | Final Vol:         | 10000      uL    |
| Soil Aliquot Vol:  | uL                         | Test:              | Pesticide-TCL    |
| Extraction Type:   |                            | Injection Volume : |                  |
| GPC Factor :       | 1.0      PH :              |                    |                  |
| Prep Method :      | 3510C                      |                    |                  |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PD088990.D        | 1         |           | 06/17/25      | PD061825      |

| CAS Number        | Parameter            | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|--------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |        |           |          |            |         |
| 319-84-6          | alpha-BHC            | 0.0039 | U         | 0.0039   | 0.050      | ug/L    |
| 319-85-7          | beta-BHC             | 0.0049 | U         | 0.0049   | 0.050      | ug/L    |
| 319-86-8          | delta-BHC            | 0.011  | U         | 0.011    | 0.050      | ug/L    |
| 58-89-9           | gamma-BHC (Lindane)  | 0.0037 | U         | 0.0037   | 0.050      | ug/L    |
| 76-44-8           | Heptachlor           | 0.0027 | U         | 0.0027   | 0.050      | ug/L    |
| 309-00-2          | Aldrin               | 0.0036 | U         | 0.0036   | 0.050      | ug/L    |
| 1024-57-3         | Heptachlor epoxide   | 0.0096 | U         | 0.0096   | 0.050      | ug/L    |
| 959-98-8          | Endosulfan I         | 0.0031 | U         | 0.0031   | 0.050      | ug/L    |
| 60-57-1           | Dieldrin             | 0.0036 | U         | 0.0036   | 0.050      | ug/L    |
| 72-55-9           | 4,4-DDE              | 0.0037 | U         | 0.0037   | 0.050      | ug/L    |
| 72-20-8           | Endrin               | 0.0032 | U         | 0.0032   | 0.050      | ug/L    |
| 33213-65-9        | Endosulfan II        | 0.0079 | U         | 0.0079   | 0.050      | ug/L    |
| 72-54-8           | 4,4-DDD              | 0.0071 | U         | 0.0071   | 0.050      | ug/L    |
| 1031-07-8         | Endosulfan Sulfate   | 0.0037 | U         | 0.0037   | 0.050      | ug/L    |
| 50-29-3           | 4,4-DDT              | 0.0035 | U         | 0.0035   | 0.050      | ug/L    |
| 72-43-5           | Methoxychlor         | 0.011  | U         | 0.011    | 0.050      | ug/L    |
| 53494-70-5        | Endrin ketone        | 0.0093 | U         | 0.0093   | 0.050      | ug/L    |
| 7421-93-4         | Endrin aldehyde      | 0.011  | U         | 0.011    | 0.050      | ug/L    |
| 5103-71-9         | alpha-Chlordane      | 0.0035 | U         | 0.0035   | 0.050      | ug/L    |
| 5103-74-2         | gamma-Chlordane      | 0.0039 | U         | 0.0039   | 0.050      | ug/L    |
| 8001-35-2         | Toxaphene            | 0.17   | U         | 0.17     | 1.00       | ug/L    |
| <b>SURROGATES</b> |                      |        |           |          |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 18.6   |           | 57 - 171 | 93%        | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 17.7   |           | 61 - 148 | 88%        | SPK: 20 |

## Report of Analysis

|                    |                            |                    |               |
|--------------------|----------------------------|--------------------|---------------|
| Client:            | CDM Smith                  | Date Collected:    | 06/17/25      |
| Project:           | South River WM Replacement | Date Received:     | 06/17/25      |
| Client Sample ID:  | PIBLK-PD088990.D           | SDG No.:           | Q2413         |
| Lab Sample ID:     | I.BLK-PD088990.D           | Matrix:            | WATER         |
| Analytical Method: | 8081B                      | % Solid:           | 0             |
| Sample Wt/Vol:     | 1000                       | Units:             | mL            |
| Soil Aliquot Vol:  |                            |                    | uL            |
| Extraction Type:   |                            | Test:              | Pesticide-TCL |
| GPC Factor :       | 1.0                        | PH :               |               |
| Prep Method :      | 3510C                      | Injection Volume : |               |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PD088990.D        | 1         |           | 06/17/25      | PD061825      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

### Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061825\  
Data File : PD088990.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Jun 2025 15:11  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 18 05:45:07 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 18 05:39:05 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2  | ng/ml  | ng/ml  |
|-----------------------------|-----------------|-------|-------|----------|---------|--------|--------|
| -----                       |                 |       |       |          |         |        |        |
| System Monitoring Compounds |                 |       |       |          |         |        |        |
| 1)                          | SA Tetrachlo... | 3.549 | 2.881 | 45828945 | 299.5E6 | 16.063 | 17.668 |
| 28)                         | SA Decachlor... | 9.072 | 8.072 | 71428242 | 368.1E6 | 18.186 | 18.617 |

Target Compounds

-----

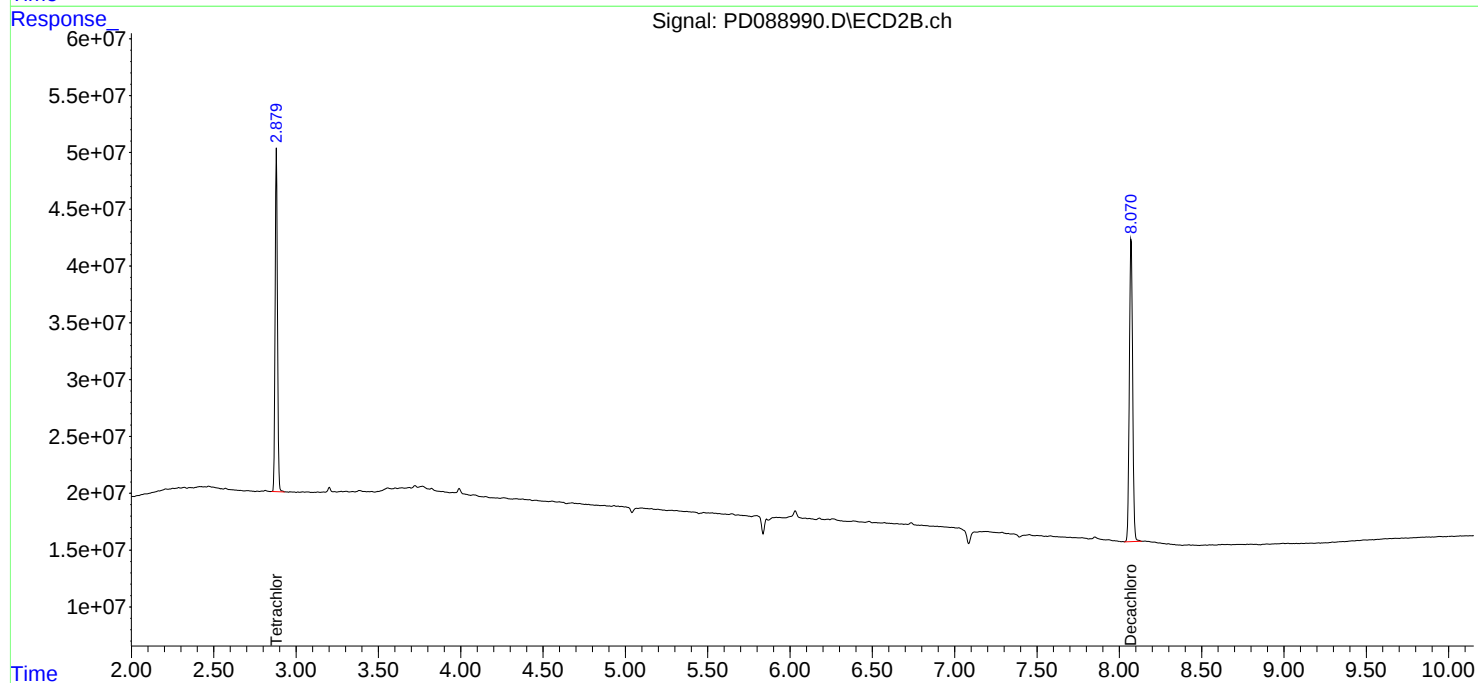
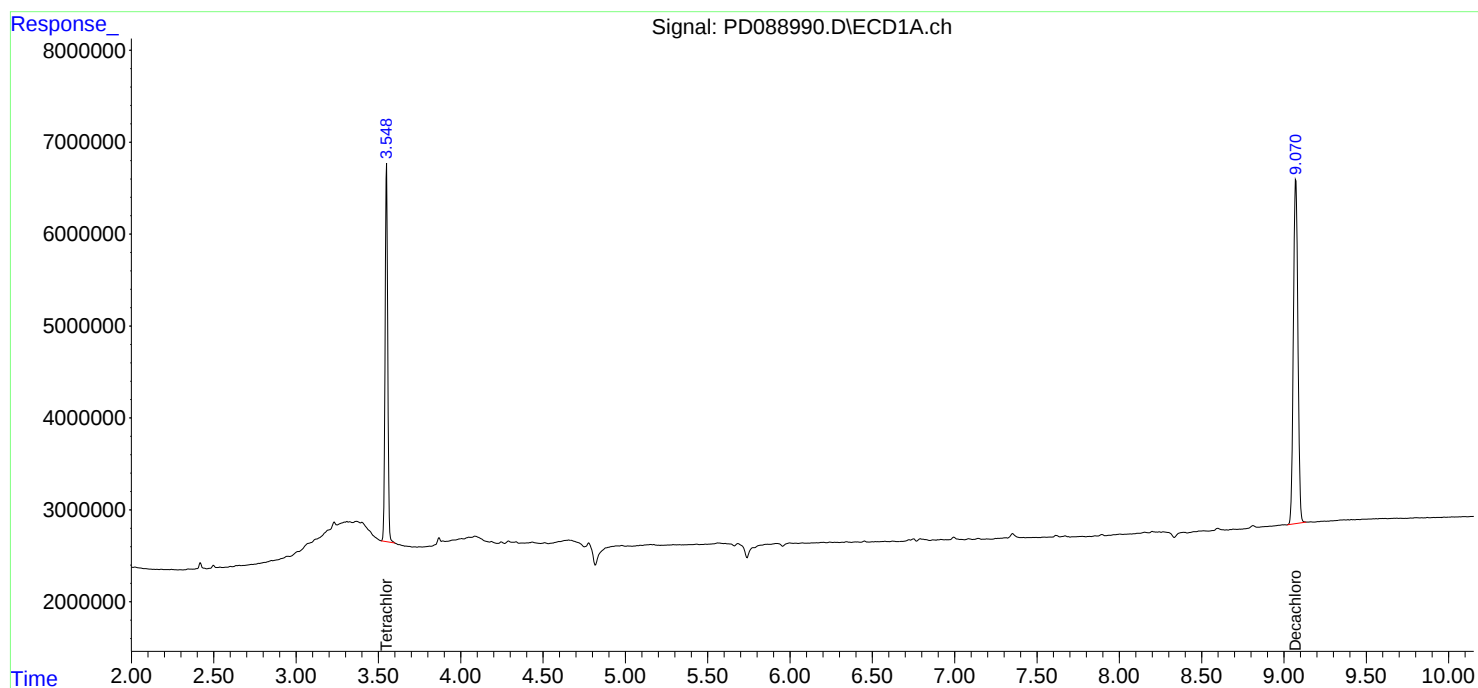
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

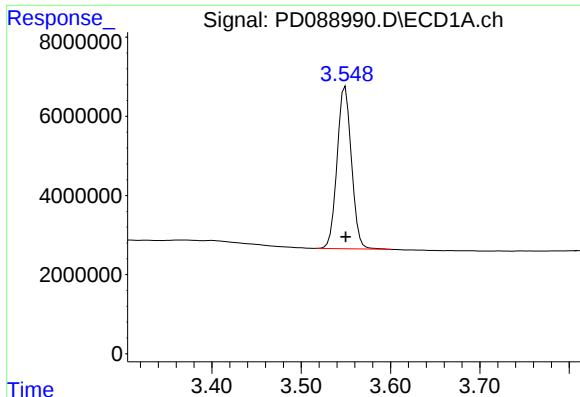
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061825\  
Data File : PD088990.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Jun 2025 15:11  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 18 05:45:07 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 18 05:39:05 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

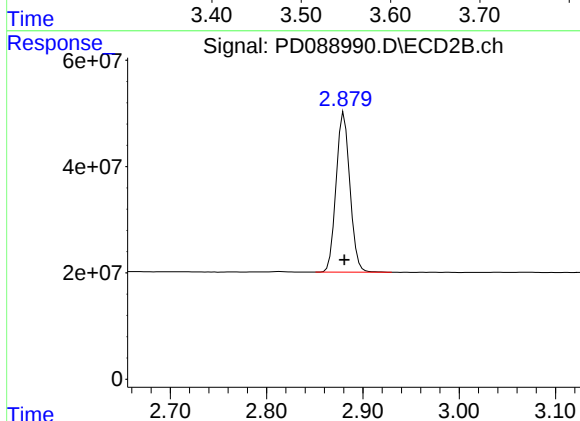




## #1 Tetrachloro-m-xylene

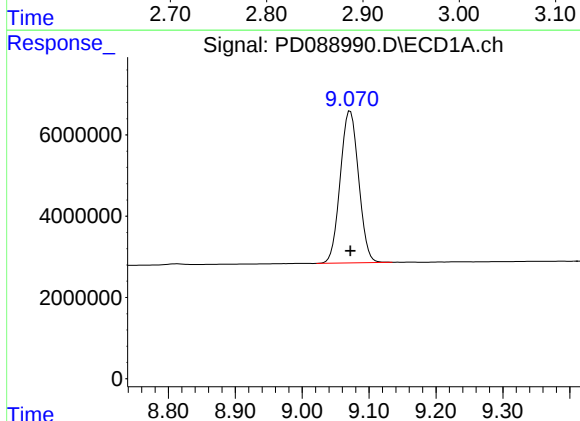
R.T.: 3.549 min  
Delta R.T.: 0.000 min  
Response: 45828945  
Conc: 16.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



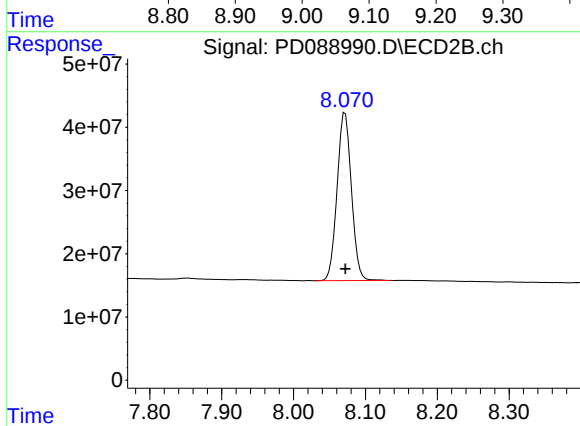
## #1 Tetrachloro-m-xylene

R.T.: 2.881 min  
Delta R.T.: 0.000 min  
Response: 299529104  
Conc: 17.67 ng/ml



## #28 Decachlorobiphenyl

R.T.: 9.072 min  
Delta R.T.: 0.000 min  
Response: 71428242  
Conc: 18.19 ng/ml



## #28 Decachlorobiphenyl

R.T.: 8.072 min  
Delta R.T.: 0.000 min  
Response: 368061815  
Conc: 18.62 ng/ml

| CAS Number | Parameter            | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units   |
|------------|----------------------|--------|-----------|----------|------------|---------|
| TARGETS    |                      |        |           |          |            |         |
| 319-84-6   | alpha-BHC            | 0.0039 | U         | 0.0039   | 0.050      | ug/L    |
| 319-85-7   | beta-BHC             | 0.0049 | U         | 0.0049   | 0.050      | ug/L    |
| 319-86-8   | delta-BHC            | 0.011  | U         | 0.011    | 0.050      | ug/L    |
| 58-89-9    | gamma-BHC (Lindane)  | 0.0037 | U         | 0.0037   | 0.050      | ug/L    |
| 76-44-8    | Heptachlor           | 0.0027 | U         | 0.0027   | 0.050      | ug/L    |
| 309-00-2   | Aldrin               | 0.0036 | U         | 0.0036   | 0.050      | ug/L    |
| 1024-57-3  | Heptachlor epoxide   | 0.0096 | U         | 0.0096   | 0.050      | ug/L    |
| 959-98-8   | Endosulfan I         | 0.0031 | U         | 0.0031   | 0.050      | ug/L    |
| 60-57-1    | Dieldrin             | 0.0036 | U         | 0.0036   | 0.050      | ug/L    |
| 72-55-9    | 4,4-DDE              | 0.0037 | U         | 0.0037   | 0.050      | ug/L    |
| 72-20-8    | Endrin               | 0.0032 | U         | 0.0032   | 0.050      | ug/L    |
| 33213-65-9 | Endosulfan II        | 0.0079 | U         | 0.0079   | 0.050      | ug/L    |
| 72-54-8    | 4,4-DDD              | 0.0071 | U         | 0.0071   | 0.050      | ug/L    |
| 1031-07-8  | Endosulfan Sulfate   | 0.0037 | U         | 0.0037   | 0.050      | ug/L    |
| 50-29-3    | 4,4-DDT              | 0.0035 | U         | 0.0035   | 0.050      | ug/L    |
| 72-43-5    | Methoxychlor         | 0.011  | U         | 0.011    | 0.050      | ug/L    |
| 53494-70-5 | Endrin ketone        | 0.0093 | U         | 0.0093   | 0.050      | ug/L    |
| 7421-93-4  | Endrin aldehyde      | 0.011  | U         | 0.011    | 0.050      | ug/L    |
| 5103-71-9  | alpha-Chlordane      | 0.0035 | U         | 0.0035   | 0.050      | ug/L    |
| 5103-74-2  | gamma-Chlordane      | 0.0039 | U         | 0.0039   | 0.050      | ug/L    |
| 8001-35-2  | Toxaphene            | 0.17   | U         | 0.17     | 1.00       | ug/L    |
| SURROGATES |                      |        |           |          |            |         |
| 2051-24-3  | Decachlorobiphenyl   | 21.3   |           | 57 - 171 | 106%       | SPK: 20 |
| 877-09-8   | Tetrachloro-m-xylene | 22.2   |           | 61 - 148 | 111%       | SPK: 20 |

## Report of Analysis

|                    |                            |                    |               |
|--------------------|----------------------------|--------------------|---------------|
| Client:            | CDM Smith                  | Date Collected:    | 06/26/25      |
| Project:           | South River WM Replacement | Date Received:     | 06/26/25      |
| Client Sample ID:  | PIBLK-PD089157.D           | SDG No.:           | Q2413         |
| Lab Sample ID:     | I.BLK-PD089157.D           | Matrix:            | WATER         |
| Analytical Method: | 8081B                      | % Solid:           | 0             |
| Sample Wt/Vol:     | 1000                       | Units:             | mL            |
| Soil Aliquot Vol:  |                            |                    | uL            |
| Extraction Type:   |                            | Test:              | Pesticide-TCL |
| GPC Factor :       | 1.0                        | PH :               |               |
| Prep Method :      | 3510C                      | Injection Volume : |               |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PD089157.D        | 1         |           | 06/26/25      | pd062625      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

### 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\_D\Data\PD062625\  
 Data File : PD089157.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Jun 2025 11:20  
 Operator : AR\AJ  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 I.BLK

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 26 23:27:09 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 18 05:39:05 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2  | ng/ml  | ng/ml  |
|-----------------------------|-----------------|-------|-------|----------|---------|--------|--------|
| -----                       |                 |       |       |          |         |        |        |
| System Monitoring Compounds |                 |       |       |          |         |        |        |
| 1)                          | SA Tetrachlo... | 3.551 | 2.880 | 59541703 | 376.6E6 | 20.869 | 22.213 |
| 28)                         | SA Decachlor... | 9.073 | 8.071 | 83483553 | 410.3E6 | 21.255 | 20.754 |

Target Compounds

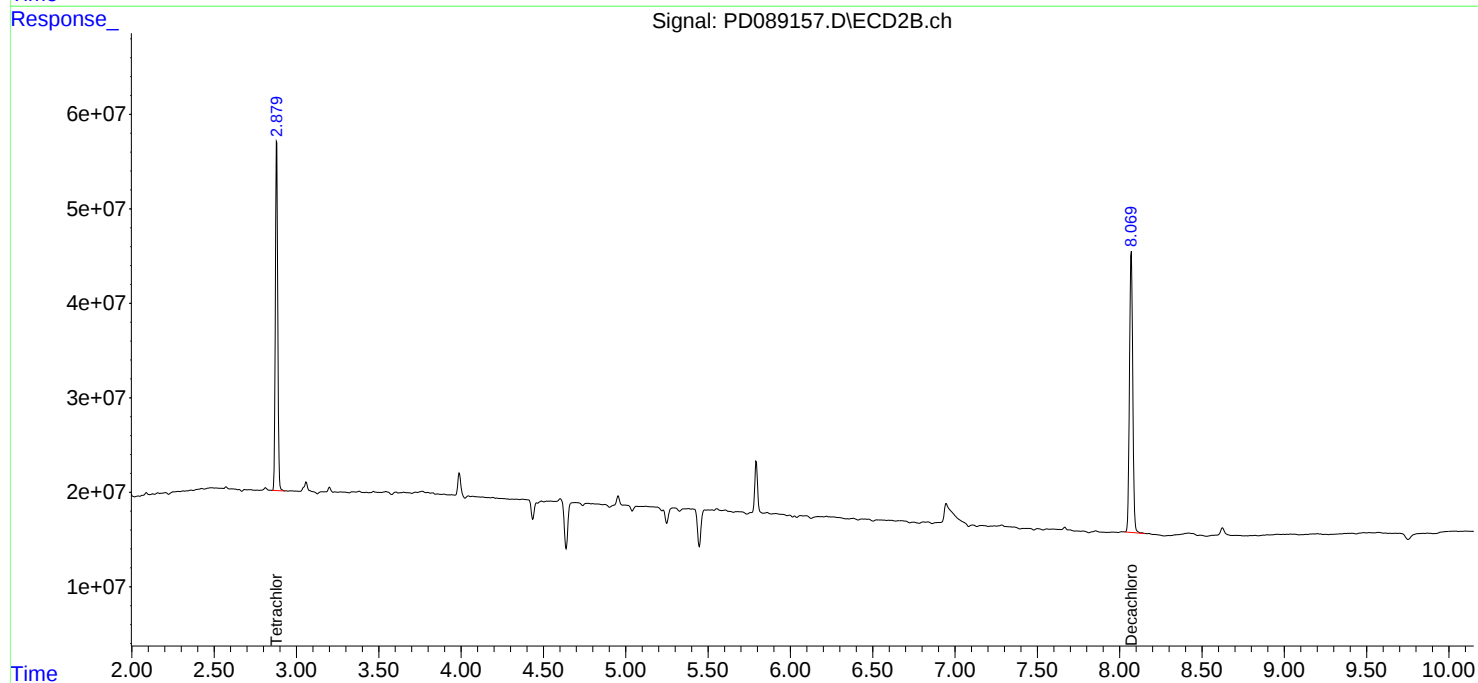
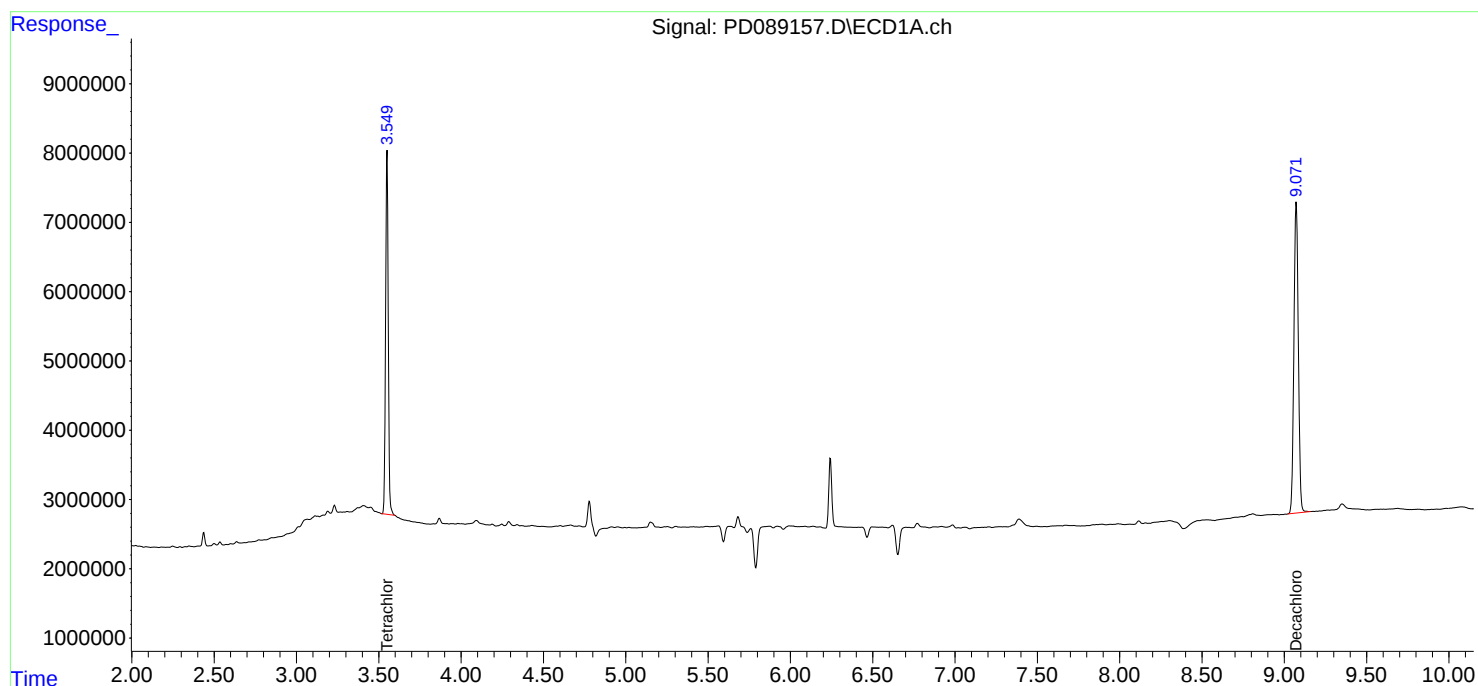
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

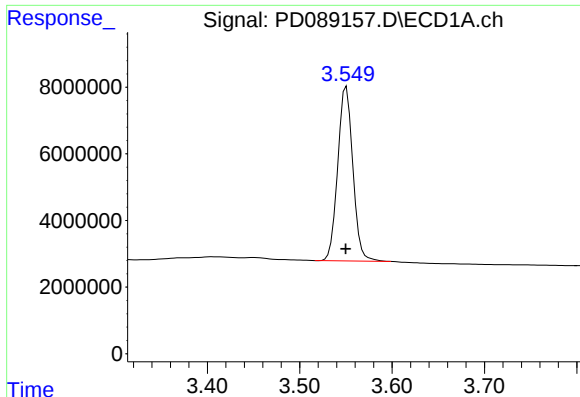
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062625\  
Data File : PD089157.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Jun 2025 11:20  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 26 23:27:09 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 18 05:39:05 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

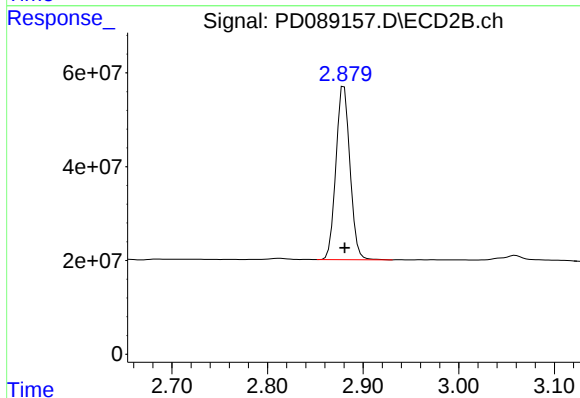




## #1 Tetrachloro-m-xylene

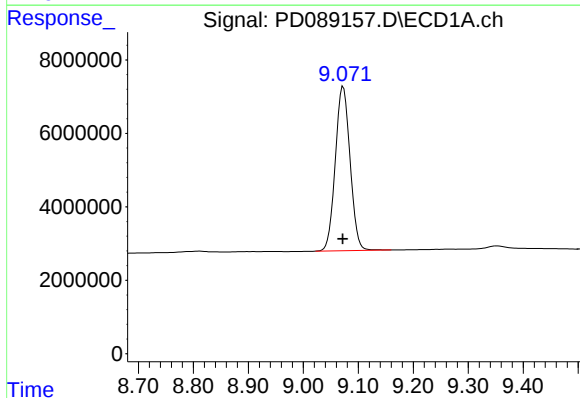
R.T.: 3.551 min  
Delta R.T.: 0.000 min  
Response: 59541703  
Conc: 20.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



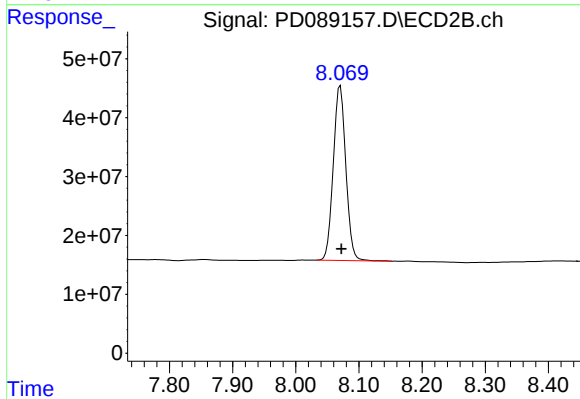
## #1 Tetrachloro-m-xylene

R.T.: 2.880 min  
Delta R.T.: 0.000 min  
Response: 376580911  
Conc: 22.21 ng/ml



## #28 Decachlorobiphenyl

R.T.: 9.073 min  
Delta R.T.: 0.000 min  
Response: 83483553  
Conc: 21.26 ng/ml



## #28 Decachlorobiphenyl

R.T.: 8.071 min  
Delta R.T.: -0.002 min  
Response: 410306973  
Conc: 20.75 ng/ml

## Report of Analysis

|                    |                            |                    |                  |
|--------------------|----------------------------|--------------------|------------------|
| Client:            | CDM Smith                  | Date Collected:    | 06/26/25         |
| Project:           | South River WM Replacement | Date Received:     | 06/26/25         |
| Client Sample ID:  | PIBLK-PD089171.D           | SDG No.:           | Q2413            |
| Lab Sample ID:     | I.BLK-PD089171.D           | Matrix:            | WATER            |
| Analytical Method: | 8081B                      | % Solid:           | 0      Decanted: |
| Sample Wt/Vol:     | 1000      Units:    mL     | Final Vol:         | 10000      uL    |
| Soil Aliquot Vol:  | uL                         | Test:              | Pesticide-TCL    |
| Extraction Type:   |                            | Injection Volume : |                  |
| GPC Factor :       | 1.0      PH :              |                    |                  |
| Prep Method :      | 3510C                      |                    |                  |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PD089171.D        | 1         |           | 06/26/25      | pd062625      |

| CAS Number        | Parameter            | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|--------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |        |           |          |            |         |
| 319-84-6          | alpha-BHC            | 0.0039 | U         | 0.0039   | 0.050      | ug/L    |
| 319-85-7          | beta-BHC             | 0.0049 | U         | 0.0049   | 0.050      | ug/L    |
| 319-86-8          | delta-BHC            | 0.011  | U         | 0.011    | 0.050      | ug/L    |
| 58-89-9           | gamma-BHC (Lindane)  | 0.0037 | U         | 0.0037   | 0.050      | ug/L    |
| 76-44-8           | Heptachlor           | 0.0027 | U         | 0.0027   | 0.050      | ug/L    |
| 309-00-2          | Aldrin               | 0.0036 | U         | 0.0036   | 0.050      | ug/L    |
| 1024-57-3         | Heptachlor epoxide   | 0.0096 | U         | 0.0096   | 0.050      | ug/L    |
| 959-98-8          | Endosulfan I         | 0.0031 | U         | 0.0031   | 0.050      | ug/L    |
| 60-57-1           | Dieldrin             | 0.0036 | U         | 0.0036   | 0.050      | ug/L    |
| 72-55-9           | 4,4-DDE              | 0.0037 | U         | 0.0037   | 0.050      | ug/L    |
| 72-20-8           | Endrin               | 0.0032 | U         | 0.0032   | 0.050      | ug/L    |
| 33213-65-9        | Endosulfan II        | 0.0079 | U         | 0.0079   | 0.050      | ug/L    |
| 72-54-8           | 4,4-DDD              | 0.0071 | U         | 0.0071   | 0.050      | ug/L    |
| 1031-07-8         | Endosulfan Sulfate   | 0.0037 | U         | 0.0037   | 0.050      | ug/L    |
| 50-29-3           | 4,4-DDT              | 0.0035 | U         | 0.0035   | 0.050      | ug/L    |
| 72-43-5           | Methoxychlor         | 0.011  | U         | 0.011    | 0.050      | ug/L    |
| 53494-70-5        | Endrin ketone        | 0.0093 | U         | 0.0093   | 0.050      | ug/L    |
| 7421-93-4         | Endrin aldehyde      | 0.011  | U         | 0.011    | 0.050      | ug/L    |
| 5103-71-9         | alpha-Chlordane      | 0.0035 | U         | 0.0035   | 0.050      | ug/L    |
| 5103-74-2         | gamma-Chlordane      | 0.0039 | U         | 0.0039   | 0.050      | ug/L    |
| 8001-35-2         | Toxaphene            | 0.17   | U         | 0.17     | 1.00       | ug/L    |
| <b>SURROGATES</b> |                      |        |           |          |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 19.8   |           | 57 - 171 | 99%        | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 21.6   |           | 61 - 148 | 108%       | SPK: 20 |

## Report of Analysis

|                    |                            |                    |               |
|--------------------|----------------------------|--------------------|---------------|
| Client:            | CDM Smith                  | Date Collected:    | 06/26/25      |
| Project:           | South River WM Replacement | Date Received:     | 06/26/25      |
| Client Sample ID:  | PIBLK-PD089171.D           | SDG No.:           | Q2413         |
| Lab Sample ID:     | I.BLK-PD089171.D           | Matrix:            | WATER         |
| Analytical Method: | 8081B                      | % Solid:           | 0             |
| Sample Wt/Vol:     | 1000                       | Units:             | mL            |
| Soil Aliquot Vol:  |                            |                    | uL            |
| Extraction Type:   |                            | Test:              | Pesticide-TCL |
| GPC Factor :       | 1.0                        | PH :               |               |
| Prep Method :      | 3510C                      | Injection Volume : |               |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PD089171.D        | 1         |           | 06/26/25      | pd062625      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

### 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\_D\Data\PD062625\  
 Data File : PD089171.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Jun 2025 16:35  
 Operator : AR\AJ  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 I.BLK

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 26 23:30:44 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 18 05:39:05 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2  | ng/ml  | ng/ml  |
|-----------------------------|-----------------|-------|-------|----------|---------|--------|--------|
| -----                       |                 |       |       |          |         |        |        |
| System Monitoring Compounds |                 |       |       |          |         |        |        |
| 1)                          | SA Tetrachlo... | 3.557 | 2.881 | 58542118 | 367.1E6 | 20.519 | 21.651 |
| 28)                         | SA Decachlor... | 9.081 | 8.074 | 77820167 | 344.3E6 | 19.814 | 17.414 |

Target Compounds

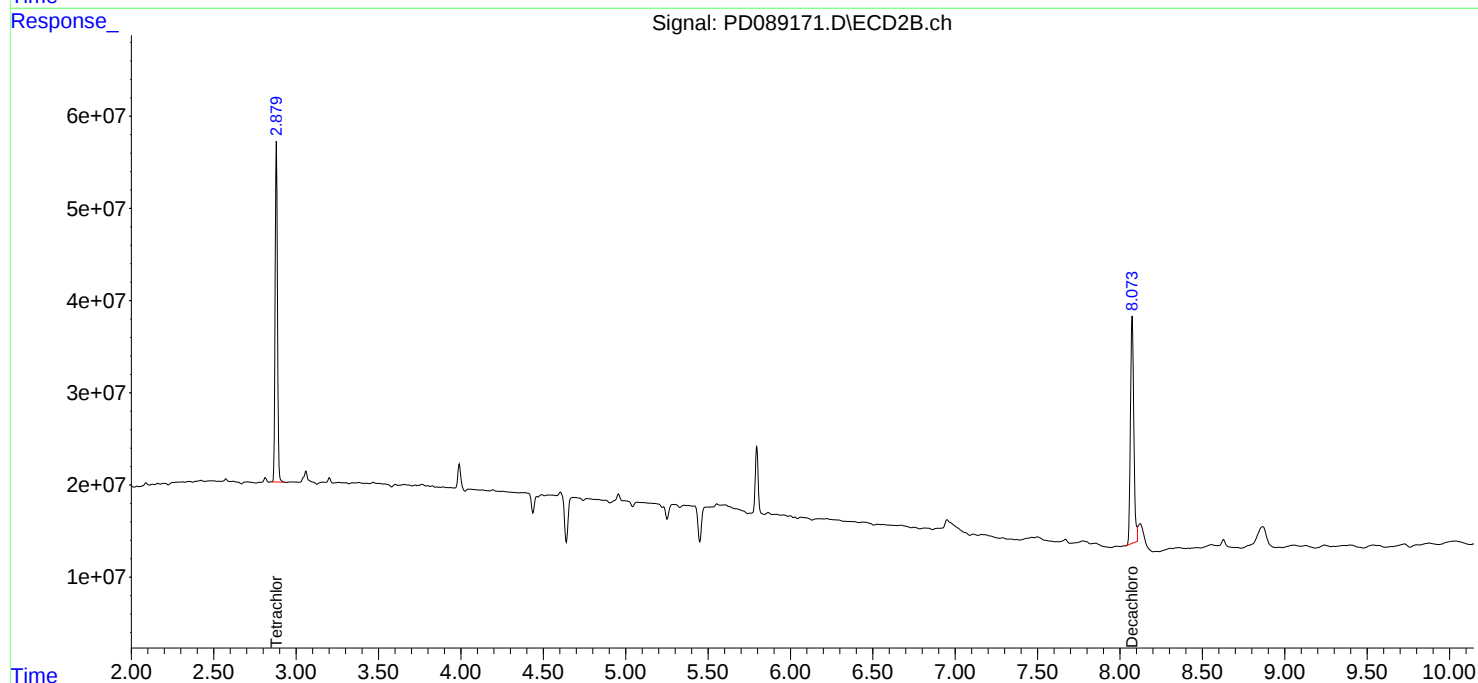
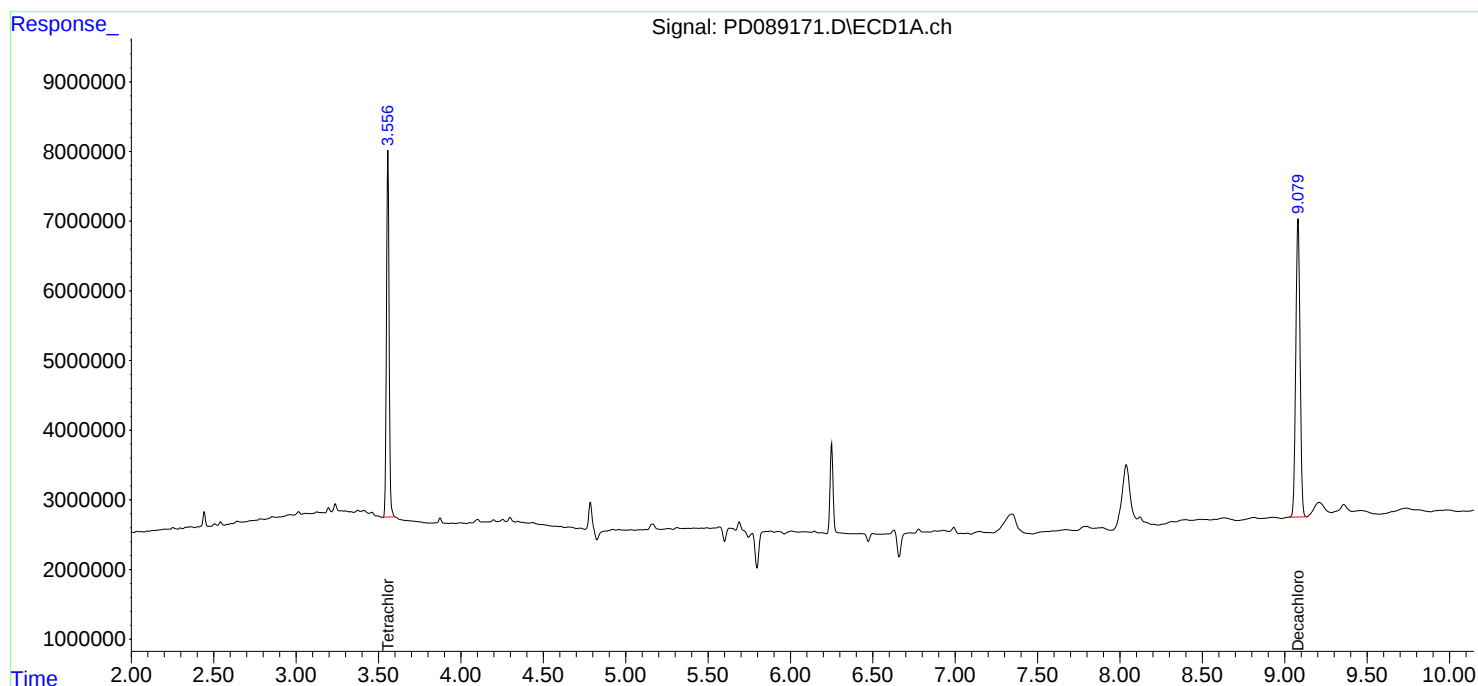
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

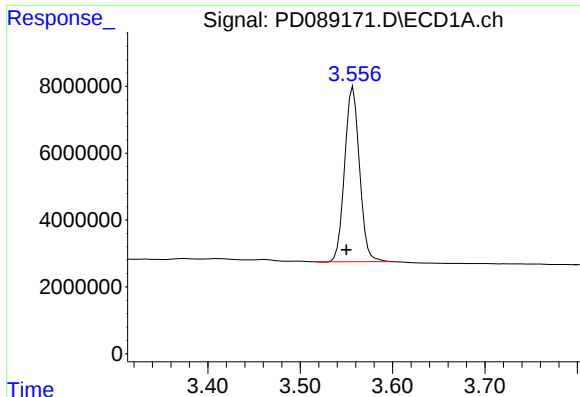
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062625\  
Data File : PD089171.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Jun 2025 16:35  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 26 23:30:44 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 18 05:39:05 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

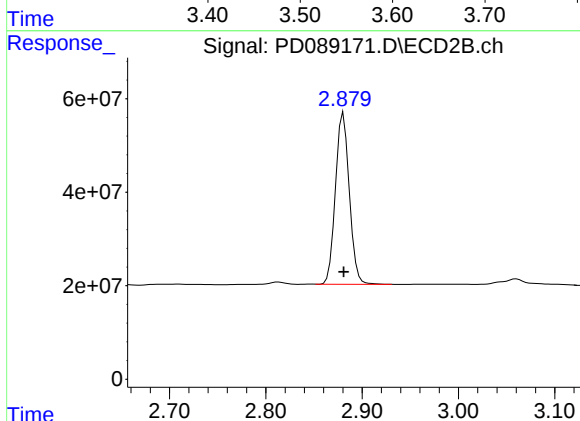




## #1 Tetrachloro-m-xylene

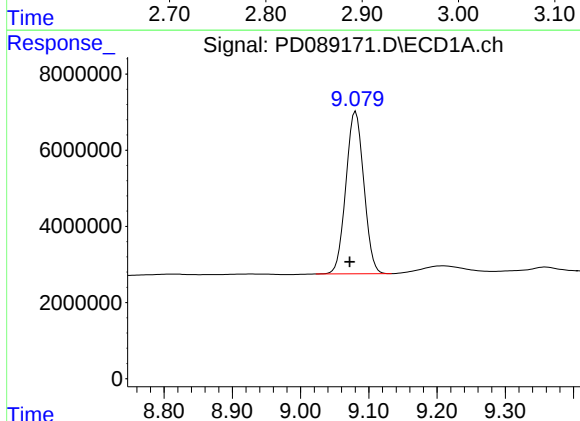
R.T.: 3.557 min  
Delta R.T.: 0.007 min  
Response: 58542118  
Conc: 20.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



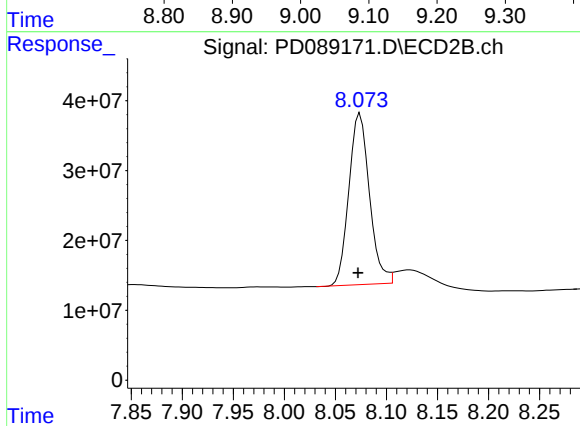
## #1 Tetrachloro-m-xylene

R.T.: 2.881 min  
Delta R.T.: 0.000 min  
Response: 367053736  
Conc: 21.65 ng/ml



## #28 Decachlorobiphenyl

R.T.: 9.081 min  
Delta R.T.: 0.009 min  
Response: 77820167  
Conc: 19.81 ng/ml



## #28 Decachlorobiphenyl

R.T.: 8.074 min  
Delta R.T.: 0.002 min  
Response: 344283516  
Conc: 17.41 ng/ml

## Report of Analysis

|                    |                            |                    |                  |
|--------------------|----------------------------|--------------------|------------------|
| Client:            | CDM Smith                  | Date Collected:    | 06/27/25         |
| Project:           | South River WM Replacement | Date Received:     | 06/27/25         |
| Client Sample ID:  | PIBLK-PD089174.D           | SDG No.:           | Q2413            |
| Lab Sample ID:     | I.BLK-PD089174.D           | Matrix:            | WATER            |
| Analytical Method: | 8081B                      | % Solid:           | 0      Decanted: |
| Sample Wt/Vol:     | 1000      Units:    mL     | Final Vol:         | 10000      uL    |
| Soil Aliquot Vol:  | uL                         | Test:              | Pesticide-TCL    |
| Extraction Type:   |                            | Injection Volume : |                  |
| GPC Factor :       | 1.0      PH :              |                    |                  |
| Prep Method :      | 3510C                      |                    |                  |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PD089174.D        | 1         |           | 06/27/25      | pd062725      |

| CAS Number        | Parameter            | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|--------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |        |           |          |            |         |
| 319-84-6          | alpha-BHC            | 0.0039 | U         | 0.0039   | 0.050      | ug/L    |
| 319-85-7          | beta-BHC             | 0.0049 | U         | 0.0049   | 0.050      | ug/L    |
| 319-86-8          | delta-BHC            | 0.011  | U         | 0.011    | 0.050      | ug/L    |
| 58-89-9           | gamma-BHC (Lindane)  | 0.0037 | U         | 0.0037   | 0.050      | ug/L    |
| 76-44-8           | Heptachlor           | 0.0027 | U         | 0.0027   | 0.050      | ug/L    |
| 309-00-2          | Aldrin               | 0.0036 | U         | 0.0036   | 0.050      | ug/L    |
| 1024-57-3         | Heptachlor epoxide   | 0.0096 | U         | 0.0096   | 0.050      | ug/L    |
| 959-98-8          | Endosulfan I         | 0.0031 | U         | 0.0031   | 0.050      | ug/L    |
| 60-57-1           | Dieldrin             | 0.0036 | U         | 0.0036   | 0.050      | ug/L    |
| 72-55-9           | 4,4-DDE              | 0.0037 | U         | 0.0037   | 0.050      | ug/L    |
| 72-20-8           | Endrin               | 0.0032 | U         | 0.0032   | 0.050      | ug/L    |
| 33213-65-9        | Endosulfan II        | 0.0079 | U         | 0.0079   | 0.050      | ug/L    |
| 72-54-8           | 4,4-DDD              | 0.0071 | U         | 0.0071   | 0.050      | ug/L    |
| 1031-07-8         | Endosulfan Sulfate   | 0.0037 | U         | 0.0037   | 0.050      | ug/L    |
| 50-29-3           | 4,4-DDT              | 0.0035 | U         | 0.0035   | 0.050      | ug/L    |
| 72-43-5           | Methoxychlor         | 0.011  | U         | 0.011    | 0.050      | ug/L    |
| 53494-70-5        | Endrin ketone        | 0.0093 | U         | 0.0093   | 0.050      | ug/L    |
| 7421-93-4         | Endrin aldehyde      | 0.011  | U         | 0.011    | 0.050      | ug/L    |
| 5103-71-9         | alpha-Chlordane      | 0.0035 | U         | 0.0035   | 0.050      | ug/L    |
| 5103-74-2         | gamma-Chlordane      | 0.0039 | U         | 0.0039   | 0.050      | ug/L    |
| 8001-35-2         | Toxaphene            | 0.17   | U         | 0.17     | 1.00       | ug/L    |
| <b>SURROGATES</b> |                      |        |           |          |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 21.4   |           | 57 - 171 | 107%       | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 23.4   |           | 61 - 148 | 117%       | SPK: 20 |

## Report of Analysis

|                    |                            |                    |               |
|--------------------|----------------------------|--------------------|---------------|
| Client:            | CDM Smith                  | Date Collected:    | 06/27/25      |
| Project:           | South River WM Replacement | Date Received:     | 06/27/25      |
| Client Sample ID:  | PIBLK-PD089174.D           | SDG No.:           | Q2413         |
| Lab Sample ID:     | I.BLK-PD089174.D           | Matrix:            | WATER         |
| Analytical Method: | 8081B                      | % Solid:           | 0             |
| Sample Wt/Vol:     | 1000                       | Units:             | mL            |
| Soil Aliquot Vol:  |                            |                    | uL            |
| Extraction Type:   |                            | Test:              | Pesticide-TCL |
| GPC Factor :       | 1.0                        | PH :               |               |
| Prep Method :      | 3510C                      | Injection Volume : |               |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PD089174.D        | 1         |           | 06/27/25      | pd062725      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

### Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062725\  
Data File : PD089174.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Jun 2025 02:58  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 28 05:34:35 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 18 05:39:05 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2  | ng/ml  | ng/ml  |
|-----------------------------|-----------------|-------|-------|----------|---------|--------|--------|
| -----                       |                 |       |       |          |         |        |        |
| System Monitoring Compounds |                 |       |       |          |         |        |        |
| 1)                          | SA Tetrachlo... | 3.550 | 2.880 | 63025007 | 395.8E6 | 22.090 | 23.349 |
| 28)                         | SA Decachlor... | 9.073 | 8.071 | 83928312 | 382.4E6 | 21.369 | 19.341 |

Target Compounds

-----

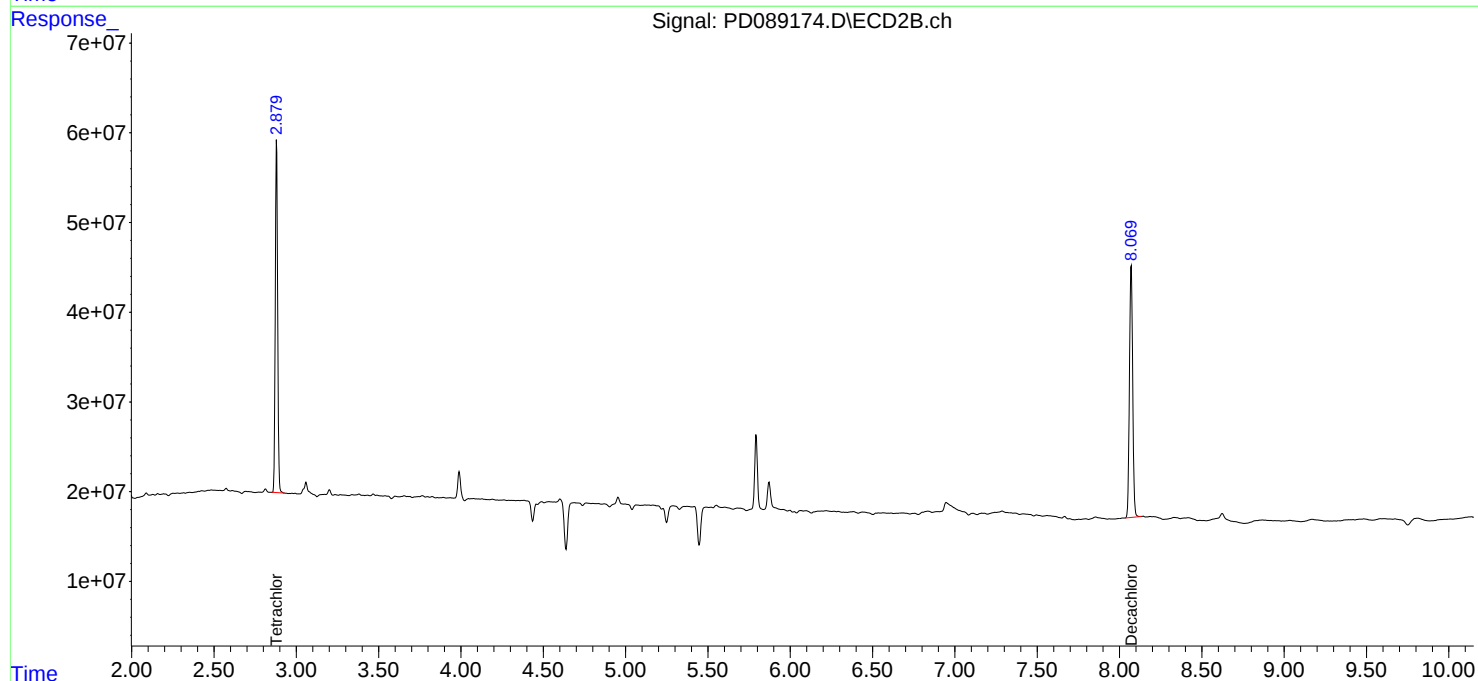
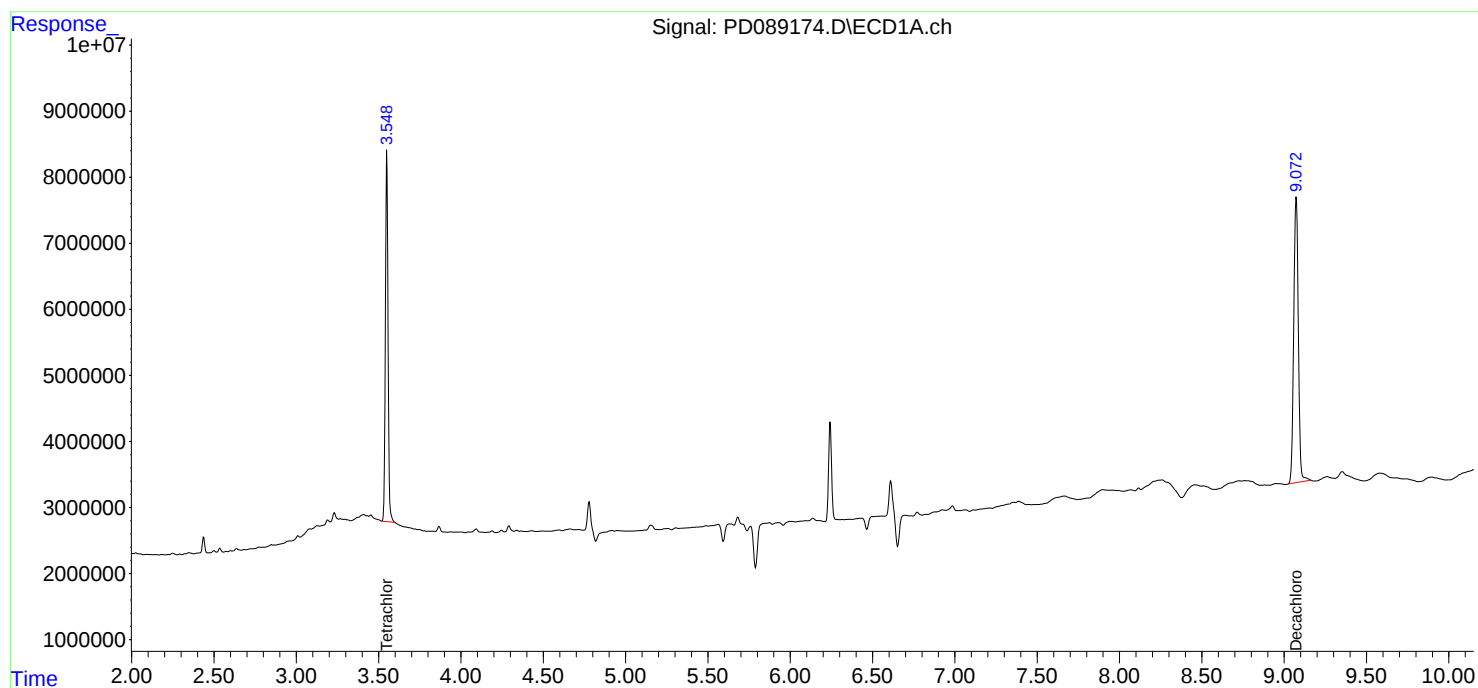
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

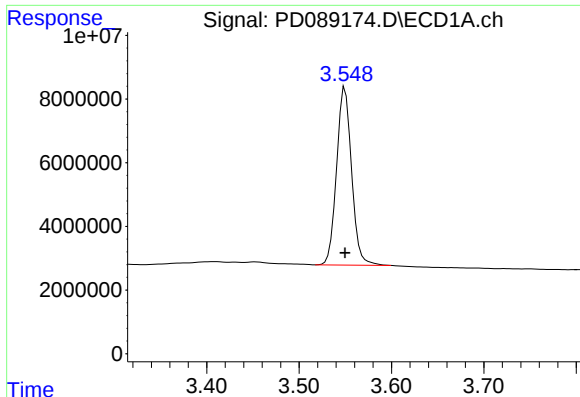
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062725\  
Data File : PD089174.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Jun 2025 02:58  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 28 05:34:35 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 18 05:39:05 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

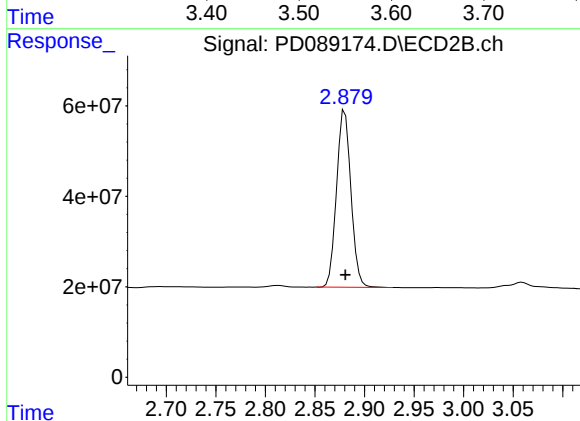




## #1 Tetrachloro-m-xylene

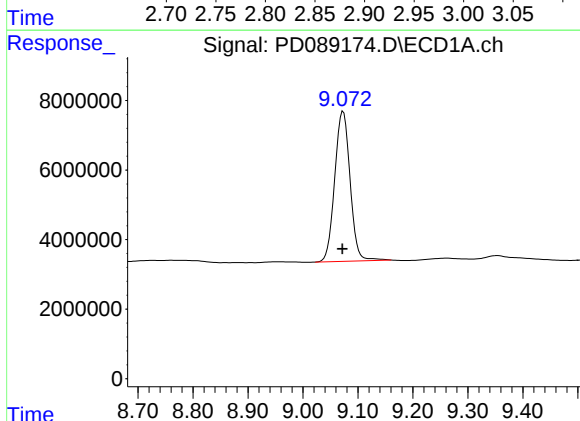
R.T.: 3.550 min  
Delta R.T.: 0.000 min  
Response: 63025007  
Conc: 22.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



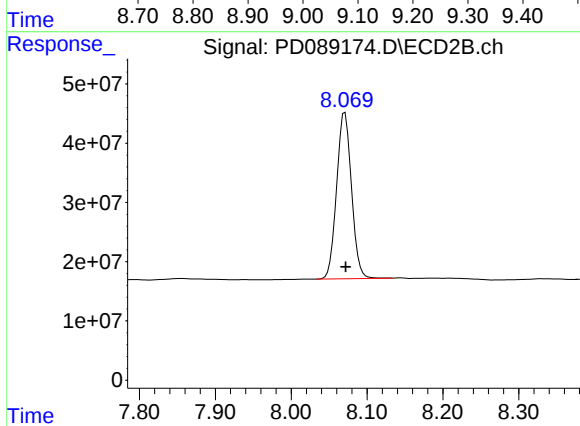
## #1 Tetrachloro-m-xylene

R.T.: 2.880 min  
Delta R.T.: 0.000 min  
Response: 395836431  
Conc: 23.35 ng/ml



## #28 Decachlorobiphenyl

R.T.: 9.073 min  
Delta R.T.: 0.001 min  
Response: 83928312  
Conc: 21.37 ng/ml



## #28 Decachlorobiphenyl

R.T.: 8.071 min  
Delta R.T.: -0.001 min  
Response: 382379168  
Conc: 19.34 ng/ml

## Report of Analysis

|                    |                            |                    |                  |
|--------------------|----------------------------|--------------------|------------------|
| Client:            | CDM Smith                  | Date Collected:    | 06/27/25         |
| Project:           | South River WM Replacement | Date Received:     | 06/27/25         |
| Client Sample ID:  | PIBLK-PD089187.D           | SDG No.:           | Q2413            |
| Lab Sample ID:     | I.BLK-PD089187.D           | Matrix:            | WATER            |
| Analytical Method: | 8081B                      | % Solid:           | 0      Decanted: |
| Sample Wt/Vol:     | 1000      Units:    mL     | Final Vol:         | 10000      uL    |
| Soil Aliquot Vol:  | uL                         | Test:              | Pesticide-TCL    |
| Extraction Type:   |                            | Injection Volume : |                  |
| GPC Factor :       | 1.0      PH :              |                    |                  |
| Prep Method :      | 3510C                      |                    |                  |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PD089187.D        | 1         |           | 06/27/25      | pd062725      |

| CAS Number        | Parameter            | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|--------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |        |           |          |            |         |
| 319-84-6          | alpha-BHC            | 0.0039 | U         | 0.0039   | 0.050      | ug/L    |
| 319-85-7          | beta-BHC             | 0.0049 | U         | 0.0049   | 0.050      | ug/L    |
| 319-86-8          | delta-BHC            | 0.011  | U         | 0.011    | 0.050      | ug/L    |
| 58-89-9           | gamma-BHC (Lindane)  | 0.0037 | U         | 0.0037   | 0.050      | ug/L    |
| 76-44-8           | Heptachlor           | 0.0027 | U         | 0.0027   | 0.050      | ug/L    |
| 309-00-2          | Aldrin               | 0.0036 | U         | 0.0036   | 0.050      | ug/L    |
| 1024-57-3         | Heptachlor epoxide   | 0.0096 | U         | 0.0096   | 0.050      | ug/L    |
| 959-98-8          | Endosulfan I         | 0.0031 | U         | 0.0031   | 0.050      | ug/L    |
| 60-57-1           | Dieldrin             | 0.0036 | U         | 0.0036   | 0.050      | ug/L    |
| 72-55-9           | 4,4-DDE              | 0.0037 | U         | 0.0037   | 0.050      | ug/L    |
| 72-20-8           | Endrin               | 0.0032 | U         | 0.0032   | 0.050      | ug/L    |
| 33213-65-9        | Endosulfan II        | 0.0079 | U         | 0.0079   | 0.050      | ug/L    |
| 72-54-8           | 4,4-DDD              | 0.0071 | U         | 0.0071   | 0.050      | ug/L    |
| 1031-07-8         | Endosulfan Sulfate   | 0.0037 | U         | 0.0037   | 0.050      | ug/L    |
| 50-29-3           | 4,4-DDT              | 0.0035 | U         | 0.0035   | 0.050      | ug/L    |
| 72-43-5           | Methoxychlor         | 0.011  | U         | 0.011    | 0.050      | ug/L    |
| 53494-70-5        | Endrin ketone        | 0.0093 | U         | 0.0093   | 0.050      | ug/L    |
| 7421-93-4         | Endrin aldehyde      | 0.011  | U         | 0.011    | 0.050      | ug/L    |
| 5103-71-9         | alpha-Chlordane      | 0.0035 | U         | 0.0035   | 0.050      | ug/L    |
| 5103-74-2         | gamma-Chlordane      | 0.0039 | U         | 0.0039   | 0.050      | ug/L    |
| 8001-35-2         | Toxaphene            | 0.17   | U         | 0.17     | 1.00       | ug/L    |
| <b>SURROGATES</b> |                      |        |           |          |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 20.0   |           | 57 - 171 | 100%       | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 23.6   |           | 61 - 148 | 118%       | SPK: 20 |

## Report of Analysis

|                    |                            |                    |               |
|--------------------|----------------------------|--------------------|---------------|
| Client:            | CDM Smith                  | Date Collected:    | 06/27/25      |
| Project:           | South River WM Replacement | Date Received:     | 06/27/25      |
| Client Sample ID:  | PIBLK-PD089187.D           | SDG No.:           | Q2413         |
| Lab Sample ID:     | I.BLK-PD089187.D           | Matrix:            | WATER         |
| Analytical Method: | 8081B                      | % Solid:           | 0             |
| Sample Wt/Vol:     | 1000                       | Units:             | mL            |
| Soil Aliquot Vol:  |                            |                    | uL            |
| Extraction Type:   |                            | Test:              | Pesticide-TCL |
| GPC Factor :       | 1.0                        | PH :               |               |
| Prep Method :      | 3510C                      | Injection Volume : |               |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PD089187.D        | 1         |           | 06/27/25      | pd062725      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

### 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\_D\Data\PD062725\  
Data File : PD089187.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Jun 2025 12:09  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 28 05:37:10 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 18 05:39:05 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2  | ng/ml  | ng/ml  |
|-----------------------------|-----------------|-------|-------|----------|---------|--------|--------|
| -----                       |                 |       |       |          |         |        |        |
| System Monitoring Compounds |                 |       |       |          |         |        |        |
| 1)                          | SA Tetrachlo... | 3.551 | 2.881 | 63707644 | 400.3E6 | 22.329 | 23.614 |
| 28)                         | SA Decachlor... | 9.071 | 8.071 | 78391021 | 351.3E6 | 19.959 | 17.770 |

Target Compounds

-----

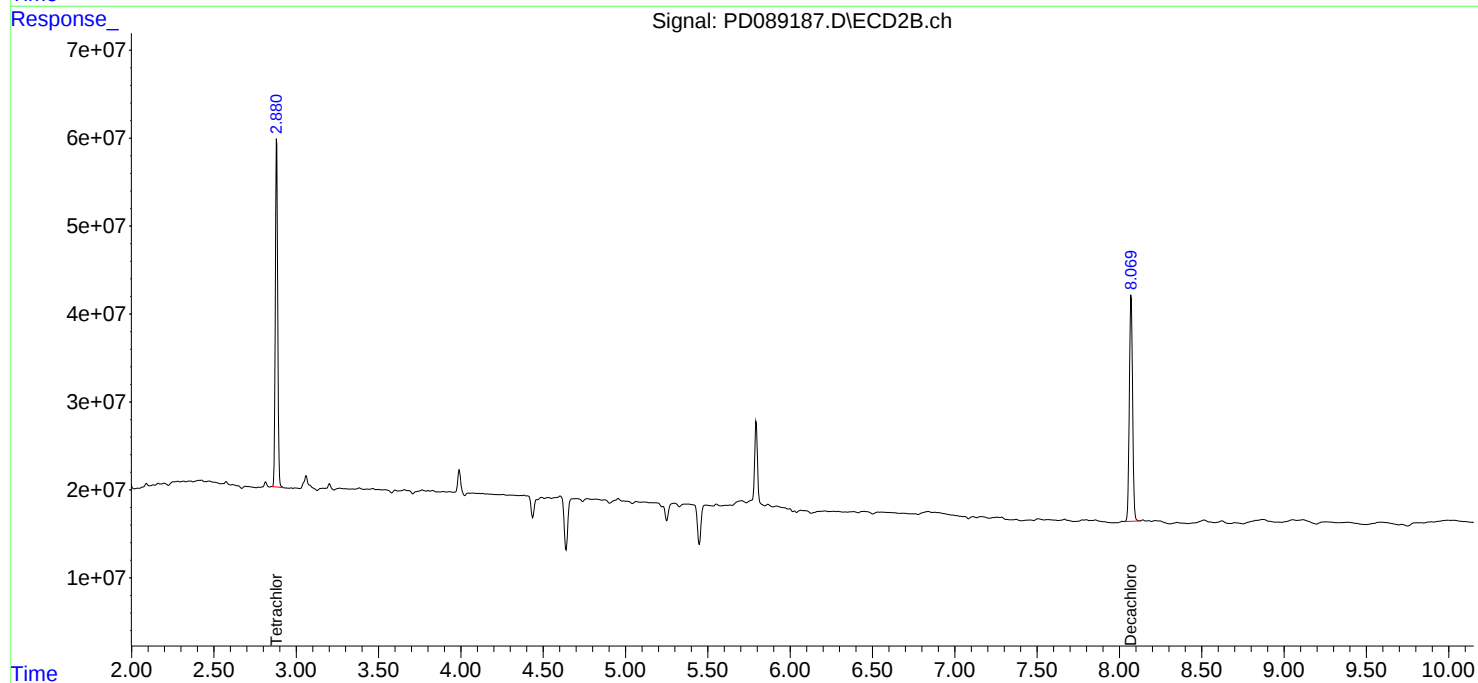
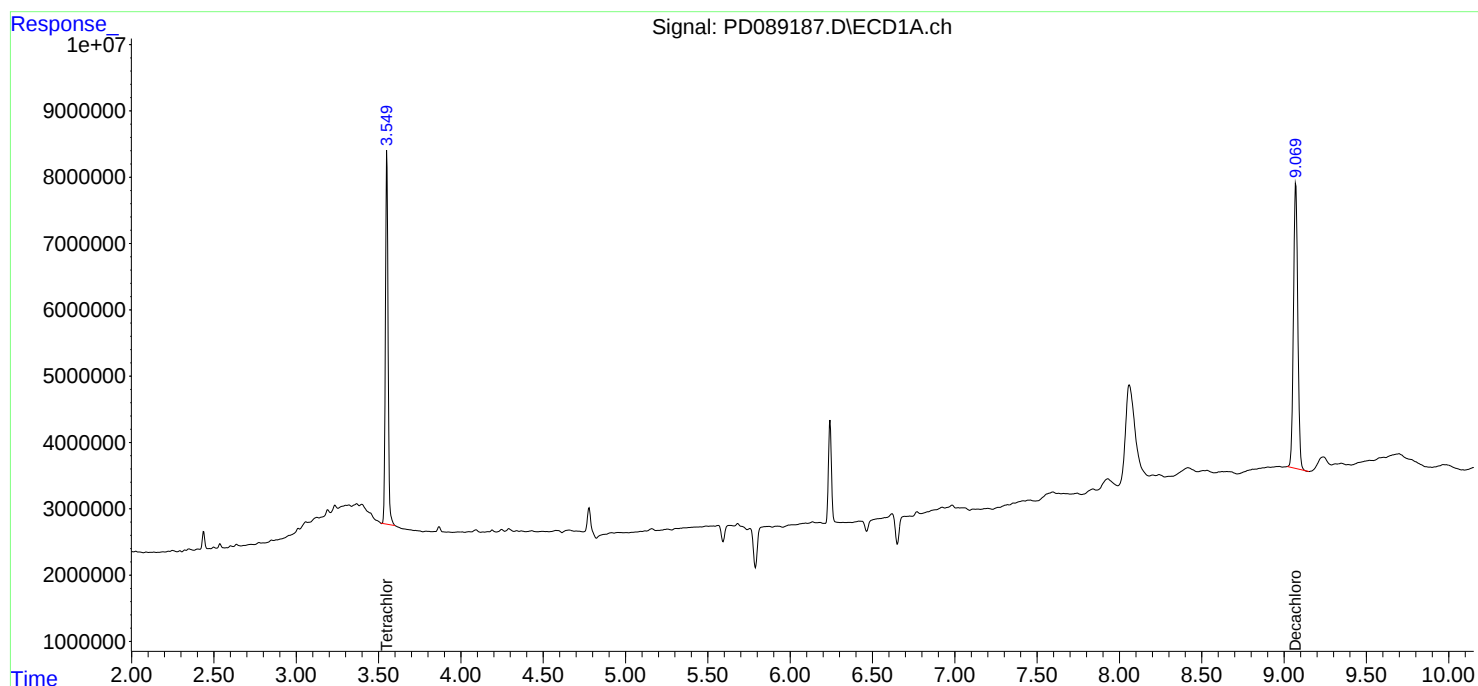
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

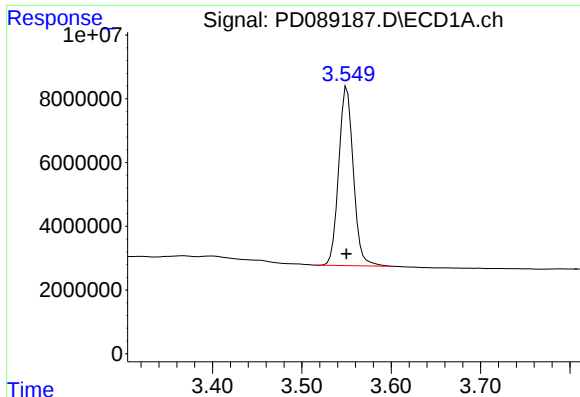
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062725\  
Data File : PD089187.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Jun 2025 12:09  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 28 05:37:10 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 18 05:39:05 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

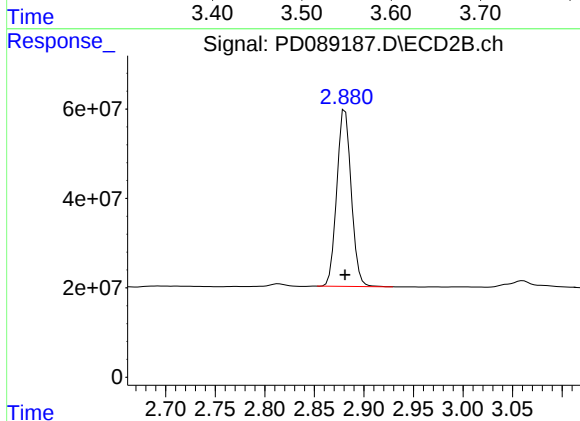




## #1 Tetrachloro-m-xylene

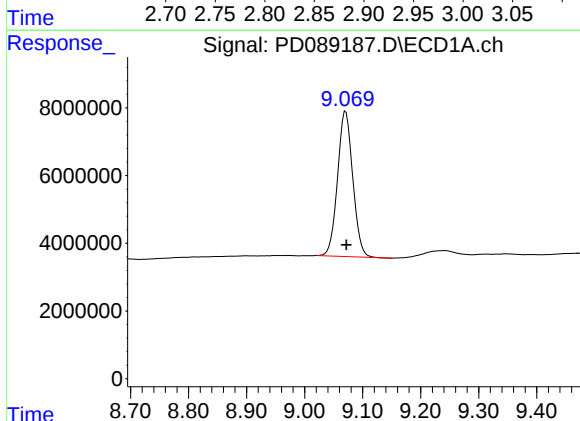
R.T.: 3.551 min  
Delta R.T.: 0.000 min  
Response: 63707644  
Conc: 22.33 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



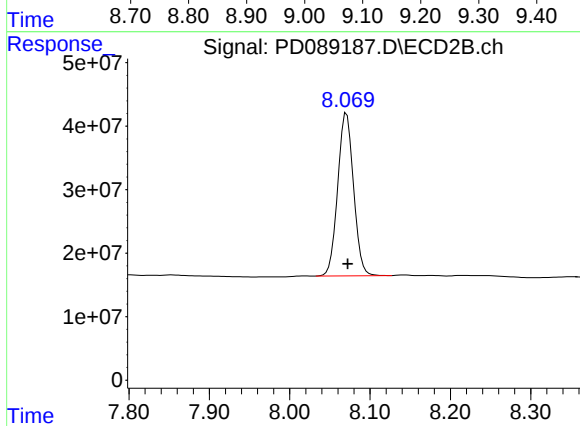
## #1 Tetrachloro-m-xylene

R.T.: 2.881 min  
Delta R.T.: 0.000 min  
Response: 400332918  
Conc: 23.61 ng/ml



## #28 Decachlorobiphenyl

R.T.: 9.071 min  
Delta R.T.: -0.001 min  
Response: 78391021  
Conc: 19.96 ng/ml



## #28 Decachlorobiphenyl

R.T.: 8.071 min  
Delta R.T.: -0.001 min  
Response: 351307930  
Conc: 17.77 ng/ml

## Report of Analysis

|                    |                            |                    |                  |
|--------------------|----------------------------|--------------------|------------------|
| Client:            | CDM Smith                  | Date Collected:    | 06/27/25         |
| Project:           | South River WM Replacement | Date Received:     | 06/27/25         |
| Client Sample ID:  | PIBLK-PD089190.D           | SDG No.:           | Q2413            |
| Lab Sample ID:     | I.BLK-PD089190.D           | Matrix:            | WATER            |
| Analytical Method: | 8081B                      | % Solid:           | 0      Decanted: |
| Sample Wt/Vol:     | 1000      Units:    mL     | Final Vol:         | 10000      uL    |
| Soil Aliquot Vol:  | uL                         | Test:              | Pesticide-TCL    |
| Extraction Type:   |                            | Injection Volume : |                  |
| GPC Factor :       | 1.0      PH :              |                    |                  |
| Prep Method :      | 3510C                      |                    |                  |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PD089190.D        | 1         |           | 06/27/25      | pd062825      |

| CAS Number        | Parameter            | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|--------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |        |           |          |            |         |
| 319-84-6          | alpha-BHC            | 0.0039 | U         | 0.0039   | 0.050      | ug/L    |
| 319-85-7          | beta-BHC             | 0.0049 | U         | 0.0049   | 0.050      | ug/L    |
| 319-86-8          | delta-BHC            | 0.011  | U         | 0.011    | 0.050      | ug/L    |
| 58-89-9           | gamma-BHC (Lindane)  | 0.0037 | U         | 0.0037   | 0.050      | ug/L    |
| 76-44-8           | Heptachlor           | 0.0027 | U         | 0.0027   | 0.050      | ug/L    |
| 309-00-2          | Aldrin               | 0.0036 | U         | 0.0036   | 0.050      | ug/L    |
| 1024-57-3         | Heptachlor epoxide   | 0.0096 | U         | 0.0096   | 0.050      | ug/L    |
| 959-98-8          | Endosulfan I         | 0.0031 | U         | 0.0031   | 0.050      | ug/L    |
| 60-57-1           | Dieldrin             | 0.0036 | U         | 0.0036   | 0.050      | ug/L    |
| 72-55-9           | 4,4-DDE              | 0.0037 | U         | 0.0037   | 0.050      | ug/L    |
| 72-20-8           | Endrin               | 0.0032 | U         | 0.0032   | 0.050      | ug/L    |
| 33213-65-9        | Endosulfan II        | 0.0079 | U         | 0.0079   | 0.050      | ug/L    |
| 72-54-8           | 4,4-DDD              | 0.0071 | U         | 0.0071   | 0.050      | ug/L    |
| 1031-07-8         | Endosulfan Sulfate   | 0.0037 | U         | 0.0037   | 0.050      | ug/L    |
| 50-29-3           | 4,4-DDT              | 0.0035 | U         | 0.0035   | 0.050      | ug/L    |
| 72-43-5           | Methoxychlor         | 0.011  | U         | 0.011    | 0.050      | ug/L    |
| 53494-70-5        | Endrin ketone        | 0.0093 | U         | 0.0093   | 0.050      | ug/L    |
| 7421-93-4         | Endrin aldehyde      | 0.011  | U         | 0.011    | 0.050      | ug/L    |
| 5103-71-9         | alpha-Chlordane      | 0.0035 | U         | 0.0035   | 0.050      | ug/L    |
| 5103-74-2         | gamma-Chlordane      | 0.0039 | U         | 0.0039   | 0.050      | ug/L    |
| 8001-35-2         | Toxaphene            | 0.17   | U         | 0.17     | 1.00       | ug/L    |
| <b>SURROGATES</b> |                      |        |           |          |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 22.1   |           | 57 - 171 | 110%       | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 24.4   |           | 61 - 148 | 122%       | SPK: 20 |

## Report of Analysis

|                    |                            |                    |               |
|--------------------|----------------------------|--------------------|---------------|
| Client:            | CDM Smith                  | Date Collected:    | 06/27/25      |
| Project:           | South River WM Replacement | Date Received:     | 06/27/25      |
| Client Sample ID:  | PIBLK-PD089190.D           | SDG No.:           | Q2413         |
| Lab Sample ID:     | I.BLK-PD089190.D           | Matrix:            | WATER         |
| Analytical Method: | 8081B                      | % Solid:           | 0             |
| Sample Wt/Vol:     | 1000                       | Units:             | mL            |
| Soil Aliquot Vol:  |                            |                    | uL            |
| Extraction Type:   |                            | Test:              | Pesticide-TCL |
| GPC Factor :       | 1.0                        | PH :               |               |
| Prep Method :      | 3510C                      | Injection Volume : |               |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PD089190.D        | 1         |           | 06/27/25      | pd062825      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

### Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062825\  
Data File : PD089190.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Jun 2025 18:19  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 27 23:13:53 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 18 05:39:05 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2  | ng/ml  | ng/ml  |
|-----------------------------|-----------------|-------|-------|----------|---------|--------|--------|
| -----                       |                 |       |       |          |         |        |        |
| System Monitoring Compounds |                 |       |       |          |         |        |        |
| 1)                          | SA Tetrachlo... | 3.550 | 2.880 | 64970354 | 413.0E6 | 22.772 | 24.362 |
| 28)                         | SA Decachlor... | 9.071 | 8.070 | 86748596 | 424.5E6 | 22.087 | 21.474 |

Target Compounds

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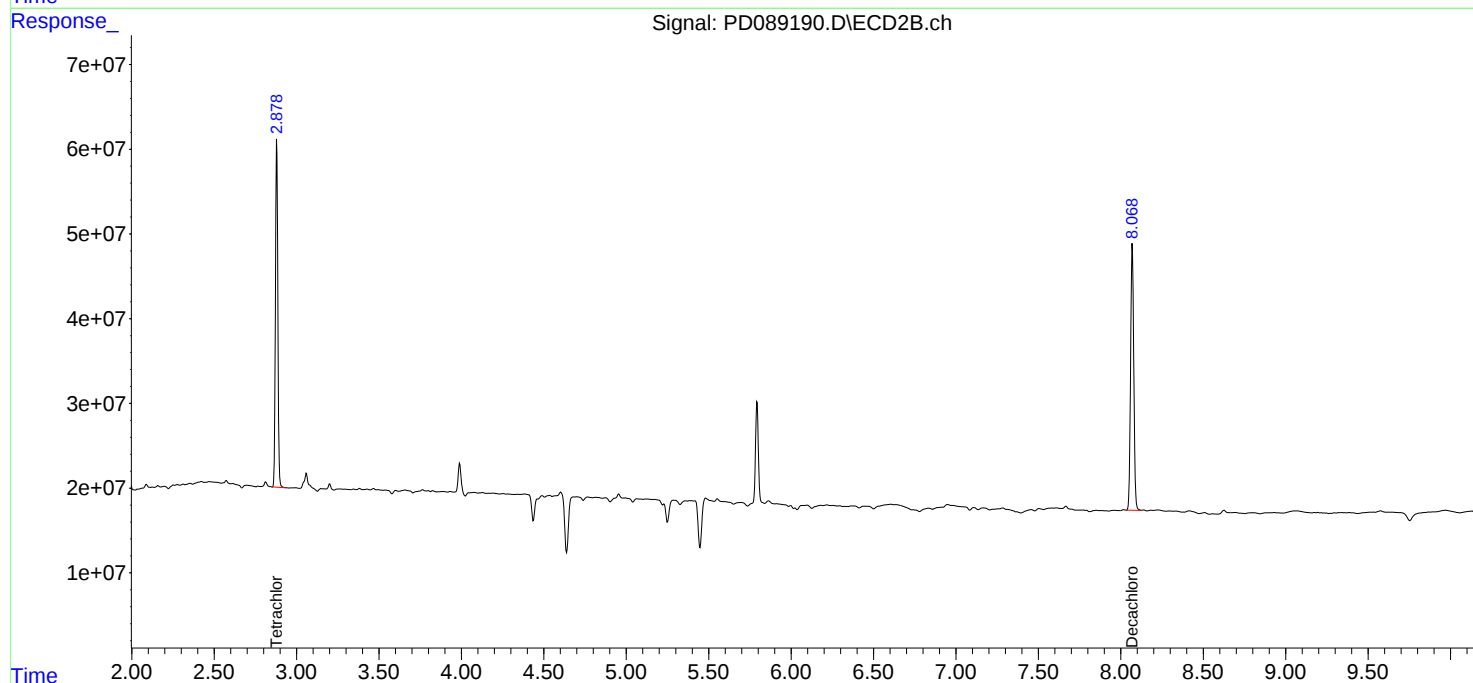
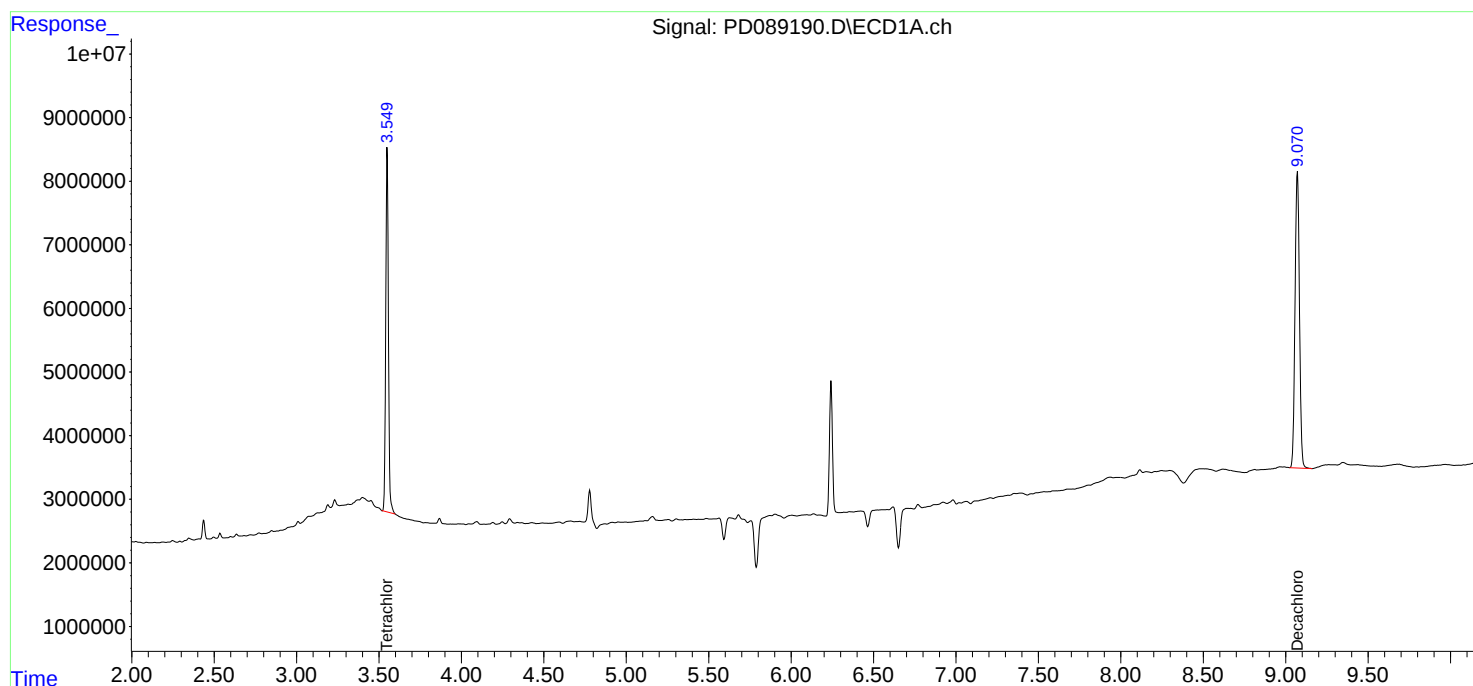
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

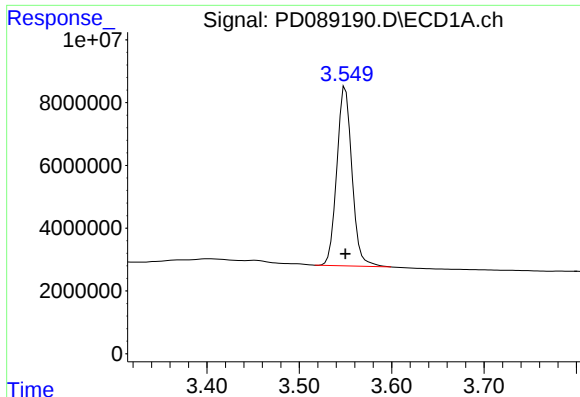
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062825\  
Data File : PD089190.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Jun 2025 18:19  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 27 23:13:53 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 18 05:39:05 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

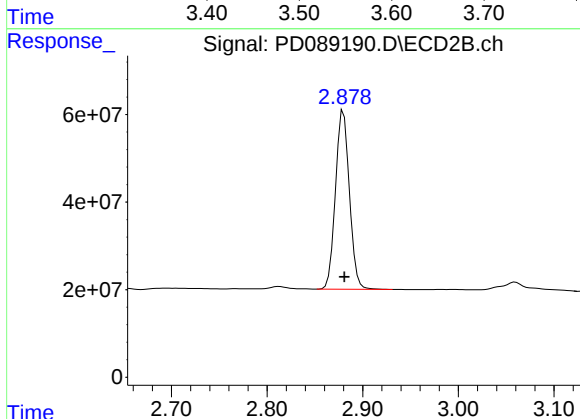




## #1 Tetrachloro-m-xylene

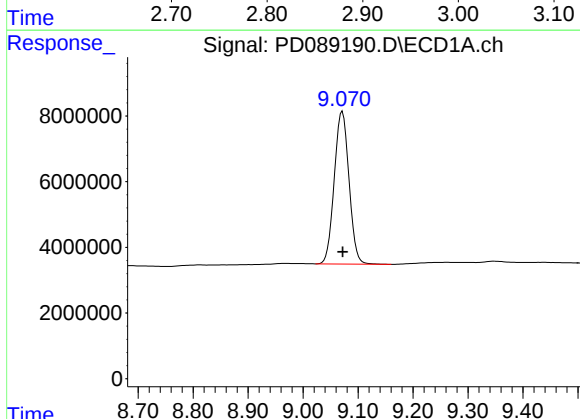
R.T.: 3.550 min  
Delta R.T.: 0.000 min  
Response: 64970354  
Conc: 22.77 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



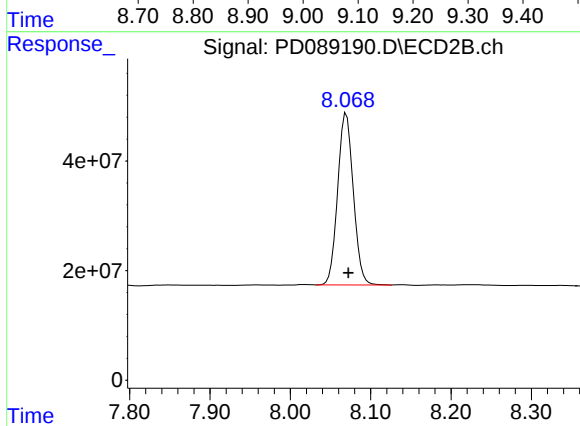
## #1 Tetrachloro-m-xylene

R.T.: 2.880 min  
Delta R.T.: 0.000 min  
Response: 413017437  
Conc: 24.36 ng/ml



## #28 Decachlorobiphenyl

R.T.: 9.071 min  
Delta R.T.: 0.000 min  
Response: 86748596  
Conc: 22.09 ng/ml



## #28 Decachlorobiphenyl

R.T.: 8.070 min  
Delta R.T.: -0.002 min  
Response: 424532224  
Conc: 21.47 ng/ml

## Report of Analysis

|                    |                                |                    |                                  |
|--------------------|--------------------------------|--------------------|----------------------------------|
| Client:            | CDM Smith                      | Date Collected:    | 06/27/25                         |
| Project:           | South River WM Replacement     | Date Received:     | 06/27/25                         |
| Client Sample ID:  | PIBLK-PD089201.D               | SDG No.:           | Q2413                            |
| Lab Sample ID:     | I.BLK-PD089201.D               | Matrix:            | WATER                            |
| Analytical Method: | 8081B                          | % Solid:           | 0                      Decanted: |
| Sample Wt/Vol:     | 1000              Units:    mL | Final Vol:         | 10000              uL            |
| Soil Aliquot Vol:  | uL                             | Test:              | Pesticide-TCL                    |
| Extraction Type:   |                                | Injection Volume : |                                  |
| GPC Factor :       | 1.0                      PH :  |                    |                                  |
| Prep Method :      | 3510C                          |                    |                                  |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PD089201.D        | 1         |           | 06/27/25      | pd062825      |

| CAS Number        | Parameter            | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|--------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |        |           |          |            |         |
| 319-84-6          | alpha-BHC            | 0.0039 | U         | 0.0039   | 0.050      | ug/L    |
| 319-85-7          | beta-BHC             | 0.0049 | U         | 0.0049   | 0.050      | ug/L    |
| 319-86-8          | delta-BHC            | 0.011  | U         | 0.011    | 0.050      | ug/L    |
| 58-89-9           | gamma-BHC (Lindane)  | 0.0037 | U         | 0.0037   | 0.050      | ug/L    |
| 76-44-8           | Heptachlor           | 0.0027 | U         | 0.0027   | 0.050      | ug/L    |
| 309-00-2          | Aldrin               | 0.0036 | U         | 0.0036   | 0.050      | ug/L    |
| 1024-57-3         | Heptachlor epoxide   | 0.0096 | U         | 0.0096   | 0.050      | ug/L    |
| 959-98-8          | Endosulfan I         | 0.0031 | U         | 0.0031   | 0.050      | ug/L    |
| 60-57-1           | Dieldrin             | 0.0036 | U         | 0.0036   | 0.050      | ug/L    |
| 72-55-9           | 4,4-DDE              | 0.0037 | U         | 0.0037   | 0.050      | ug/L    |
| 72-20-8           | Endrin               | 0.0032 | U         | 0.0032   | 0.050      | ug/L    |
| 33213-65-9        | Endosulfan II        | 0.0079 | U         | 0.0079   | 0.050      | ug/L    |
| 72-54-8           | 4,4-DDD              | 0.0071 | U         | 0.0071   | 0.050      | ug/L    |
| 1031-07-8         | Endosulfan Sulfate   | 0.0037 | U         | 0.0037   | 0.050      | ug/L    |
| 50-29-3           | 4,4-DDT              | 0.0035 | U         | 0.0035   | 0.050      | ug/L    |
| 72-43-5           | Methoxychlor         | 0.011  | U         | 0.011    | 0.050      | ug/L    |
| 53494-70-5        | Endrin ketone        | 0.0093 | U         | 0.0093   | 0.050      | ug/L    |
| 7421-93-4         | Endrin aldehyde      | 0.011  | U         | 0.011    | 0.050      | ug/L    |
| 5103-71-9         | alpha-Chlordane      | 0.0035 | U         | 0.0035   | 0.050      | ug/L    |
| 5103-74-2         | gamma-Chlordane      | 0.0039 | U         | 0.0039   | 0.050      | ug/L    |
| 8001-35-2         | Toxaphene            | 0.17   | U         | 0.17     | 1.00       | ug/L    |
| <b>SURROGATES</b> |                      |        |           |          |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 22.4   |           | 57 - 171 | 112%       | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 24.5   |           | 61 - 148 | 122%       | SPK: 20 |

## Report of Analysis

|                    |                            |                    |               |
|--------------------|----------------------------|--------------------|---------------|
| Client:            | CDM Smith                  | Date Collected:    | 06/27/25      |
| Project:           | South River WM Replacement | Date Received:     | 06/27/25      |
| Client Sample ID:  | PIBLK-PD089201.D           | SDG No.:           | Q2413         |
| Lab Sample ID:     | I.BLK-PD089201.D           | Matrix:            | WATER         |
| Analytical Method: | 8081B                      | % Solid:           | 0             |
| Sample Wt/Vol:     | 1000                       | Units:             | mL            |
| Soil Aliquot Vol:  |                            |                    | uL            |
| Extraction Type:   |                            | Test:              | Pesticide-TCL |
| GPC Factor :       | 1.0                        | PH :               |               |
| Prep Method :      | 3510C                      | Injection Volume : |               |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PD089201.D        | 1         |           | 06/27/25      | pd062825      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

### Comments:

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

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062825\  
Data File : PD089201.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Jun 2025 21:03  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 27 23:16:41 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 18 05:39:05 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2  | ng/ml  | ng/ml  |
|-----------------------------|-----------------|-------|-------|----------|---------|--------|--------|
| -----                       |                 |       |       |          |         |        |        |
| System Monitoring Compounds |                 |       |       |          |         |        |        |
| 1)                          | SA Tetrachlo... | 3.550 | 2.881 | 65250412 | 415.2E6 | 22.870 | 24.492 |
| 28)                         | SA Decachlor... | 9.069 | 8.070 | 88041878 | 432.8E6 | 22.416 | 21.892 |

Target Compounds

-----

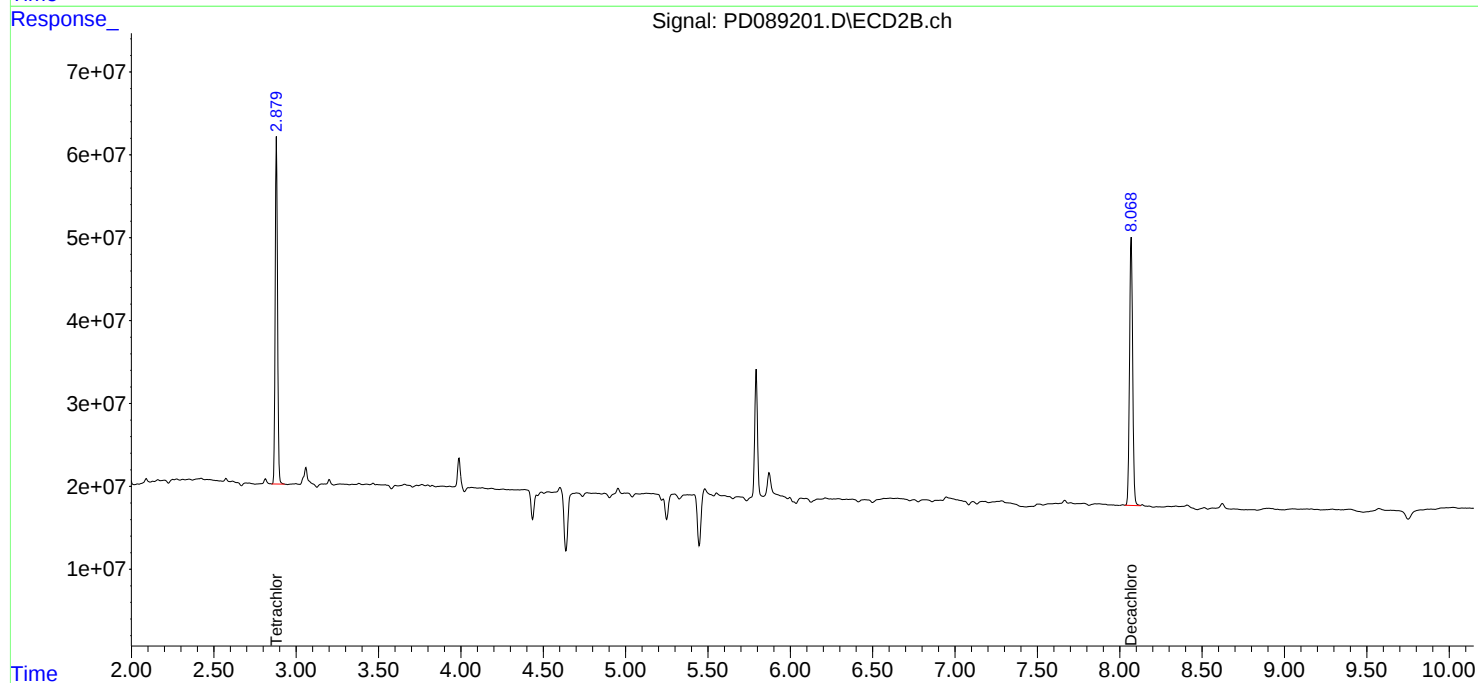
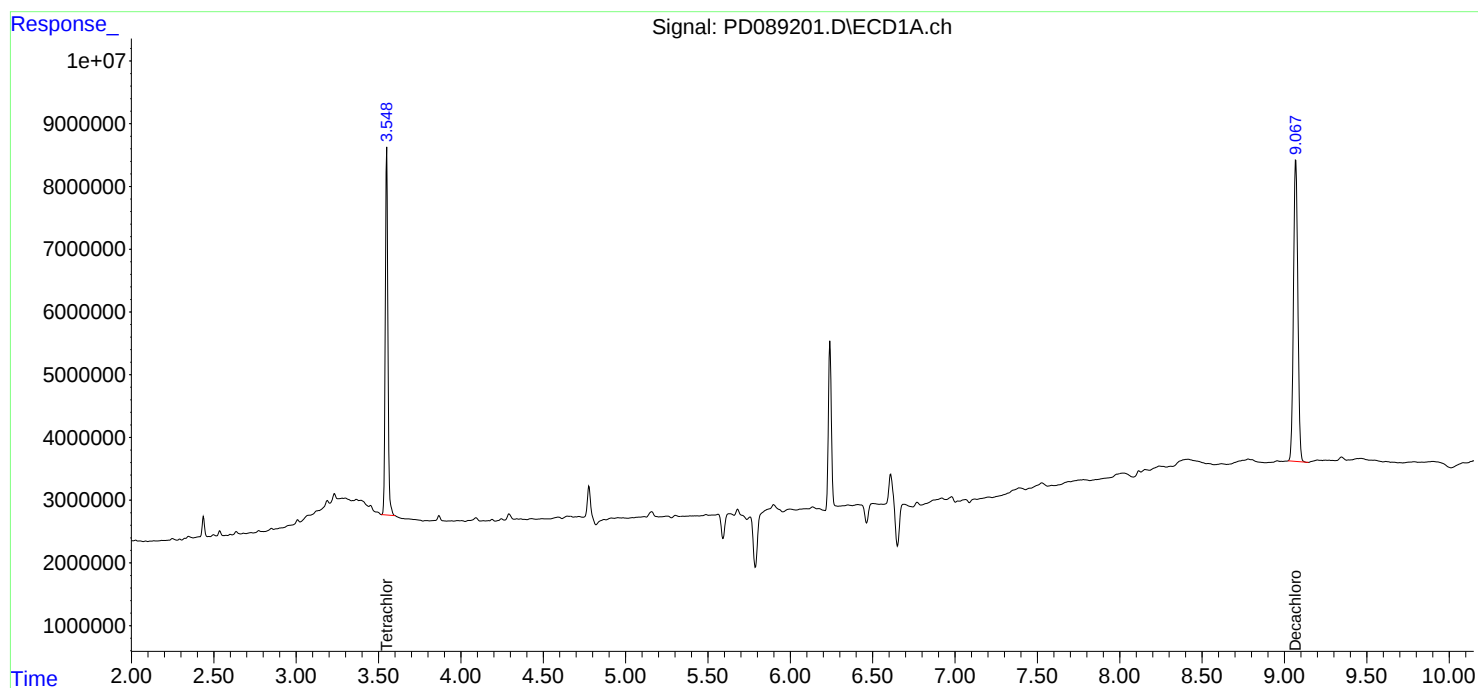
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

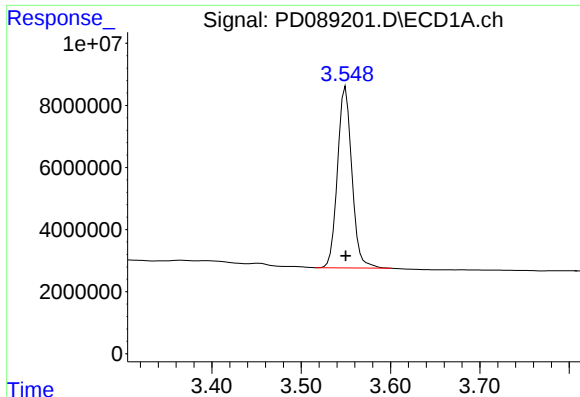
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062825\  
Data File : PD089201.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Jun 2025 21:03  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 27 23:16:41 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 18 05:39:05 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

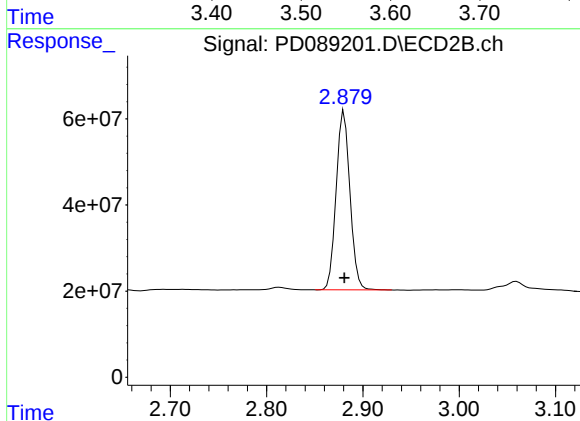




## #1 Tetrachloro-m-xylene

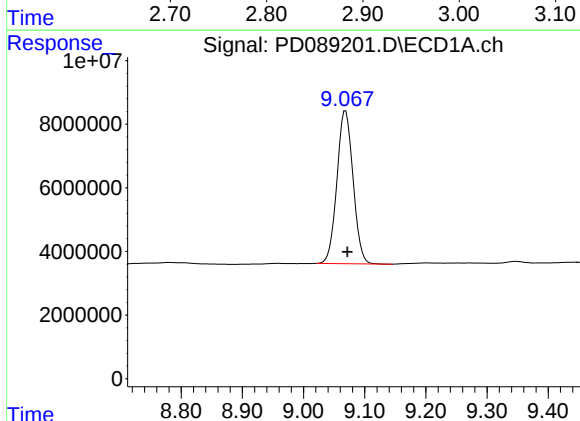
R.T.: 3.550 min  
Delta R.T.: 0.000 min  
Response: 65250412  
Conc: 22.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



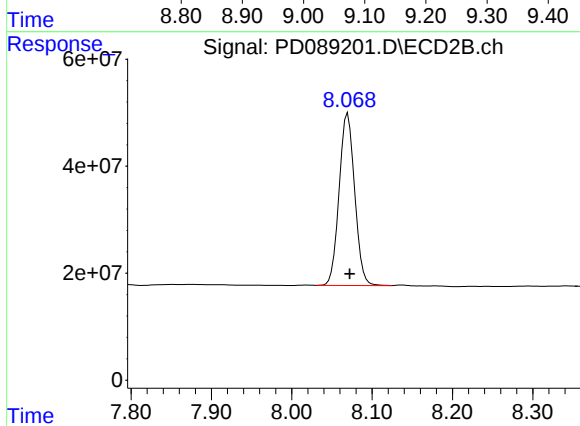
## #1 Tetrachloro-m-xylene

R.T.: 2.881 min  
Delta R.T.: 0.000 min  
Response: 415210842  
Conc: 24.49 ng/ml



## #28 Decachlorobiphenyl

R.T.: 9.069 min  
Delta R.T.: -0.003 min  
Response: 88041878  
Conc: 22.42 ng/ml



## #28 Decachlorobiphenyl

R.T.: 8.070 min  
Delta R.T.: -0.002 min  
Response: 432808244  
Conc: 21.89 ng/ml

## Report of Analysis

|                    |                            |                    |                    |
|--------------------|----------------------------|--------------------|--------------------|
| Client:            | CDM Smith                  | Date Collected:    |                    |
| Project:           | South River WM Replacement | Date Received:     |                    |
| Client Sample ID:  | PB168623BS                 | SDG No.:           | Q2413              |
| Lab Sample ID:     | PB168623BS                 | Matrix:            | SOIL               |
| Analytical Method: | 8081B                      | % Solid:           | 100      Decanted: |
| Sample Wt/Vol:     | 30.03      Units:    g     | Final Vol:         | 10000      uL      |
| Soil Aliquot Vol:  | uL                         | Test:              | Pesticide-TCL      |
| Extraction Type:   |                            | Injection Volume : |                    |
| GPC Factor :       | 1.0      PH :              |                    |                    |
| Prep Method :      | SW3541B                    |                    |                    |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PD089167.D        | 1         | 06/26/25 08:20 | 06/26/25 14:59 | PB168623      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 319-84-6          | alpha-BHC            | 16.2  |           | 0.13     | 1.70       | ug/kg             |
| 319-85-7          | beta-BHC             | 15.7  |           | 0.18     | 1.70       | ug/kg             |
| 319-86-8          | delta-BHC            | 16.9  |           | 0.39     | 1.70       | ug/kg             |
| 58-89-9           | gamma-BHC (Lindane)  | 16.2  |           | 0.14     | 1.70       | ug/kg             |
| 76-44-8           | Heptachlor           | 15.7  |           | 0.12     | 1.70       | ug/kg             |
| 309-00-2          | Aldrin               | 16.2  |           | 0.12     | 1.70       | ug/kg             |
| 1024-57-3         | Heptachlor epoxide   | 15.8  |           | 0.19     | 1.70       | ug/kg             |
| 959-98-8          | Endosulfan I         | 15.9  |           | 0.14     | 1.70       | ug/kg             |
| 60-57-1           | Dieldrin             | 15.9  |           | 0.14     | 1.70       | ug/kg             |
| 72-55-9           | 4,4-DDE              | 15.9  |           | 0.14     | 1.70       | ug/kg             |
| 72-20-8           | Endrin               | 14.3  |           | 0.14     | 1.70       | ug/kg             |
| 33213-65-9        | Endosulfan II        | 15.7  |           | 0.29     | 1.70       | ug/kg             |
| 72-54-8           | 4,4-DDD              | 16.1  |           | 0.15     | 1.70       | ug/kg             |
| 1031-07-8         | Endosulfan Sulfate   | 15.1  |           | 0.13     | 1.70       | ug/kg             |
| 50-29-3           | 4,4-DDT              | 13.9  |           | 0.14     | 1.70       | ug/kg             |
| 72-43-5           | Methoxychlor         | 13.0  |           | 0.37     | 1.70       | ug/kg             |
| 53494-70-5        | Endrin ketone        | 15.5  |           | 0.19     | 1.70       | ug/kg             |
| 7421-93-4         | Endrin aldehyde      | 15.3  |           | 0.37     | 1.70       | ug/kg             |
| 5103-71-9         | alpha-Chlordane      | 15.9  |           | 0.12     | 1.70       | ug/kg             |
| 5103-74-2         | gamma-Chlordane      | 16.0  |           | 0.15     | 1.70       | ug/kg             |
| 8001-35-2         | Toxaphene            | 5.40  | U         | 5.40     | 33.0       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 22.1  |           | 20 - 144 | 111%       | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 22.9  |           | 19 - 148 | 114%       | SPK: 20           |

## Report of Analysis

|                    |                            |                    |                    |
|--------------------|----------------------------|--------------------|--------------------|
| Client:            | CDM Smith                  | Date Collected:    |                    |
| Project:           | South River WM Replacement | Date Received:     |                    |
| Client Sample ID:  | PB168623BS                 | SDG No.:           | Q2413              |
| Lab Sample ID:     | PB168623BS                 | Matrix:            | SOIL               |
| Analytical Method: | 8081B                      | % Solid:           | 100      Decanted: |
| Sample Wt/Vol:     | 30.03      Units:    g     | Final Vol:         | 10000      uL      |
| Soil Aliquot Vol:  | uL                         | Test:              | Pesticide-TCL      |
| Extraction Type:   |                            | Injection Volume : |                    |
| GPC Factor :       | 1.0      PH :              |                    |                    |
| Prep Method :      | SW3541B                    |                    |                    |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PD089167.D        | 1         | 06/26/25 08:20 | 06/26/25 14:59 | PB168623      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

### 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\_D\Data\PD062625\  
 Data File : PD089167.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Jun 2025 14:59  
 Operator : AR\AJ  
 Sample : PB168623BS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PB168623BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 26 23:29:44 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 18 05:39:05 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-----------------|-------|-------|----------|----------|--------|--------|
| -----                       |                 |       |       |          |          |        |        |
| System Monitoring Compounds |                 |       |       |          |          |        |        |
| 1)                          | SA Tetrachlo... | 3.556 | 2.881 | 60651426 | 388.1E6  | 21.258 | 22.895 |
| 28)                         | SA Decachlor... | 9.082 | 8.074 | 86897110 | 413.7E6  | 22.125 | 20.927 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 4.006 | 3.393 | 283.8E6  | 1277.5E6 | 48.680 | 47.672 |
| 3)                          | MA gamma-BHC... | 4.337 | 3.729 | 270.9E6  | 1180.4E6 | 48.527 | 47.678 |
| 4)                          | MA Heptachlor   | 4.937 | 4.083 | 257.7E6  | 1135.3E6 | 47.260 | 45.341 |
| 5)                          | MB Aldrin       | 5.278 | 4.369 | 259.0E6  | 1157.0E6 | 48.752 | 47.776 |
| 6)                          | B beta-BHC      | 4.523 | 4.026 | 104.0E6  | 507.0E6  | 47.099 | 47.182 |
| 7)                          | B delta-BHC     | 4.771 | 4.262 | 260.3E6  | 1184.2E6 | 50.709 | 47.609 |
| 8)                          | B Heptachlo...  | 5.698 | 4.873 | 227.1E6  | 1037.3E6 | 47.069 | 47.369 |
| 9)                          | A Endosulfan I  | 6.081 | 5.247 | 215.5E6  | 990.8E6  | 47.821 | 47.537 |
| 10)                         | B gamma-Chl...  | 5.953 | 5.126 | 229.5E6  | 1129.4E6 | 47.940 | 47.208 |
| 11)                         | B alpha-Chl...  | 6.034 | 5.191 | 230.7E6  | 1072.4E6 | 47.684 | 46.838 |
| 12)                         | B 4,4'-DDE      | 6.203 | 5.375 | 207.9E6  | 1067.1E6 | 47.676 | 46.565 |
| 13)                         | MA Dieldrin     | 6.354 | 5.513 | 229.4E6  | 1082.0E6 | 47.810 | 46.622 |
| 14)                         | MA Endrin       | 6.581 | 5.789 | 177.5E6  | 917.0E6  | 43.015 | 42.231 |
| 15)                         | B Endosulfa...  | 6.793 | 6.081 | 190.0E6  | 932.0E6  | 47.057 | 46.147 |
| 16)                         | A 4,4'-DDD      | 6.712 | 5.929 | 165.9E6  | 916.8E6  | 48.327 | 47.924 |
| 17)                         | MA 4,4'-DDT     | 7.028 | 6.184 | 157.8E6  | 847.7E6  | 41.663 | 41.803 |
| 18)                         | B Endrin al...  | 6.922 | 6.259 | 140.4E6  | 696.3E6  | 45.827 | 45.476 |
| 19)                         | B Endosulfa...  | 7.156 | 6.483 | 174.2E6  | 878.7E6  | 45.392 | 44.783 |
| 20)                         | A Methoxychlor  | 7.500 | 6.754 | 78410938 | 419.0E6  | 38.805 | 38.912 |
| 21)                         | B Endrin ke...  | 7.637 | 6.992 | 189.5E6  | 978.3E6  | 46.537 | 45.288 |
| 22)                         | Mirex           | 8.120 | 7.186 | 131.5E6  | 704.9E6  | 43.256 | 42.262 |
| -----                       |                 |       |       |          |          |        |        |

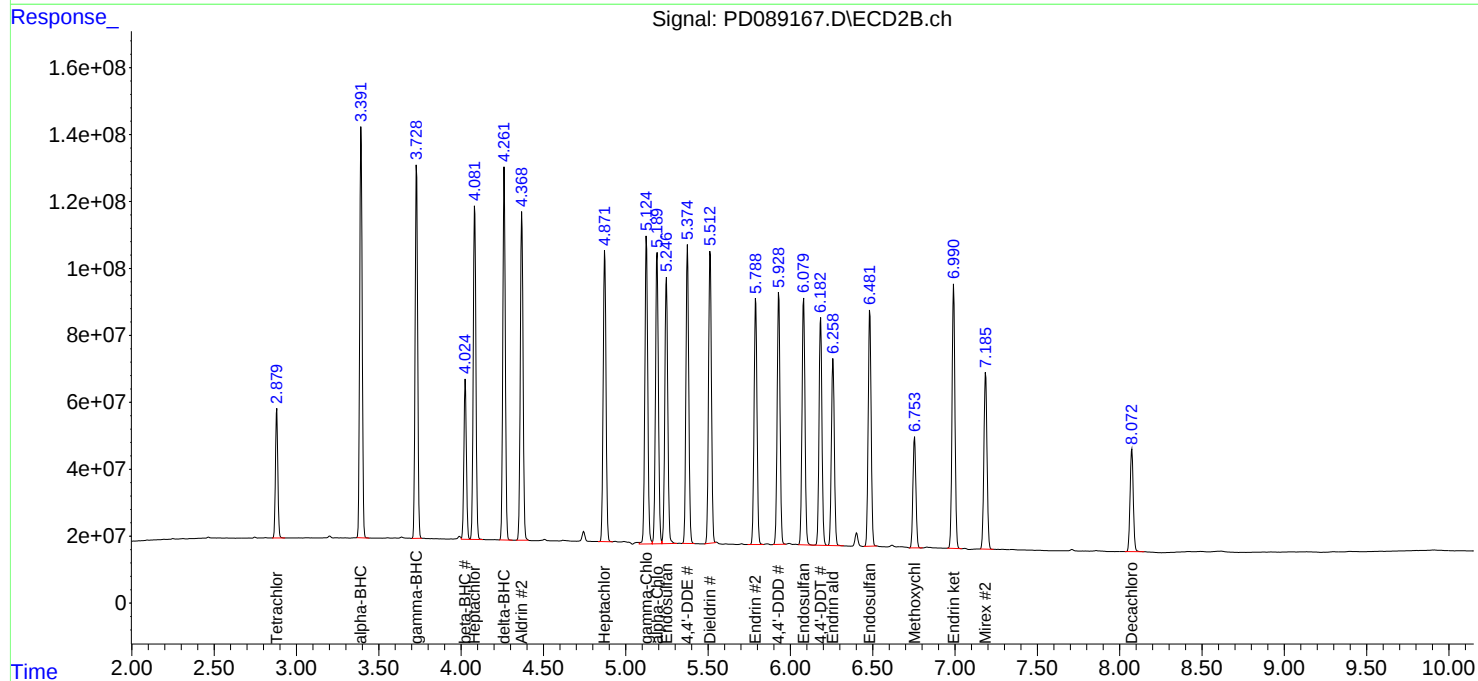
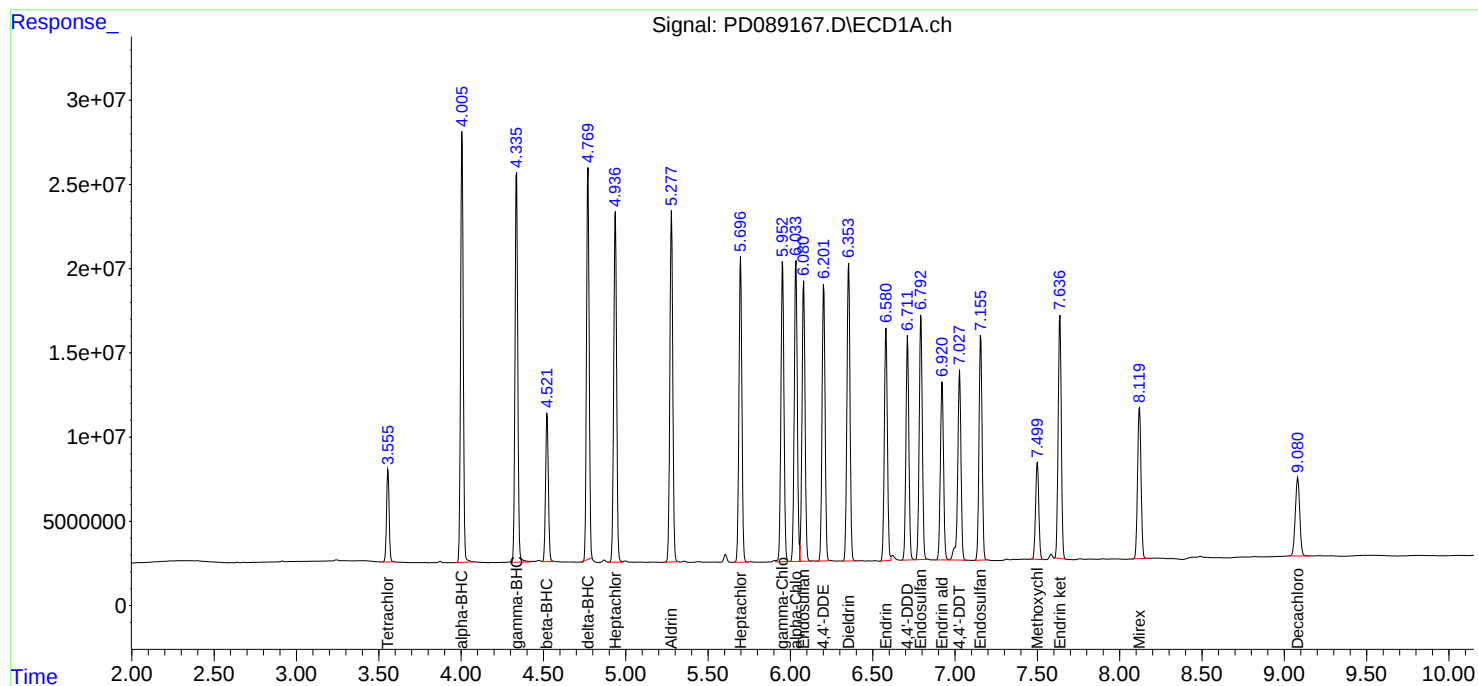
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062625\  
Data File : PD089167.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Jun 2025 14:59  
Operator : AR\AJ  
Sample : PB168623BS  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PB168623BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 26 23:29:44 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 18 05:39:05 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



## Report of Analysis

|                    |                            |                    |                     |
|--------------------|----------------------------|--------------------|---------------------|
| Client:            | CDM Smith                  | Date Collected:    | 06/24/25            |
| Project:           | South River WM Replacement | Date Received:     | 06/25/25            |
| Client Sample ID:  | COMP-3MS                   | SDG No.:           | Q2413               |
| Lab Sample ID:     | Q2425-03MS                 | Matrix:            | SOIL                |
| Analytical Method: | 8081B                      | % Solid:           | 82.6      Decanted: |
| Sample Wt/Vol:     | 30.08      Units:    g     | Final Vol:         | 10000      uL       |
| Soil Aliquot Vol:  | uL                         | Test:              | Pesticide-TCL       |
| Extraction Type:   |                            | Injection Volume : |                     |
| GPC Factor :       | 1.0      PH :              |                    |                     |
| Prep Method :      | SW3541B                    |                    |                     |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PD089198.D        | 1         | 06/26/25 08:20 | 06/27/25 20:22 | PB168623      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 319-84-6          | alpha-BHC            | 17.3  |           | 0.16     | 2.10       | ug/kg             |
| 319-85-7          | beta-BHC             | 18.1  |           | 0.22     | 2.10       | ug/kg             |
| 319-86-8          | delta-BHC            | 17.1  |           | 0.47     | 2.10       | ug/kg             |
| 58-89-9           | gamma-BHC (Lindane)  | 16.4  |           | 0.17     | 2.10       | ug/kg             |
| 76-44-8           | Heptachlor           | 15.2  |           | 0.14     | 2.10       | ug/kg             |
| 309-00-2          | Aldrin               | 17.9  |           | 0.14     | 2.10       | ug/kg             |
| 1024-57-3         | Heptachlor epoxide   | 17.9  |           | 0.23     | 2.10       | ug/kg             |
| 959-98-8          | Endosulfan I         | 17.4  |           | 0.17     | 2.10       | ug/kg             |
| 60-57-1           | Dieldrin             | 17.6  |           | 0.17     | 2.10       | ug/kg             |
| 72-55-9           | 4,4-DDE              | 17.7  |           | 0.17     | 2.10       | ug/kg             |
| 72-20-8           | Endrin               | 16.5  |           | 0.17     | 2.10       | ug/kg             |
| 33213-65-9        | Endosulfan II        | 17.2  |           | 0.35     | 2.10       | ug/kg             |
| 72-54-8           | 4,4-DDD              | 18.6  |           | 0.18     | 2.10       | ug/kg             |
| 1031-07-8         | Endosulfan Sulfate   | 13.9  |           | 0.16     | 2.10       | ug/kg             |
| 50-29-3           | 4,4-DDT              | 13.3  |           | 0.17     | 2.10       | ug/kg             |
| 72-43-5           | Methoxychlor         | 11.9  |           | 0.45     | 2.10       | ug/kg             |
| 53494-70-5        | Endrin ketone        | 16.5  |           | 0.23     | 2.10       | ug/kg             |
| 7421-93-4         | Endrin aldehyde      | 11.7  |           | 0.45     | 2.10       | ug/kg             |
| 5103-71-9         | alpha-Chlordane      | 17.6  |           | 0.14     | 2.10       | ug/kg             |
| 5103-74-2         | gamma-Chlordane      | 18.1  |           | 0.18     | 2.10       | ug/kg             |
| 8001-35-2         | Toxaphene            | 6.50  | U         | 6.50     | 39.8       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 16.5  |           | 20 - 144 | 82%        | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 18.5  |           | 19 - 148 | 92%        | SPK: 20           |

## Report of Analysis

|                    |                            |                    |               |
|--------------------|----------------------------|--------------------|---------------|
| Client:            | CDM Smith                  | Date Collected:    | 06/24/25      |
| Project:           | South River WM Replacement | Date Received:     | 06/25/25      |
| Client Sample ID:  | COMP-3MS                   | SDG No.:           | Q2413         |
| Lab Sample ID:     | Q2425-03MS                 | Matrix:            | SOIL          |
| Analytical Method: | 8081B                      | % Solid:           | 82.6          |
| Sample Wt/Vol:     | 30.08                      | Units:             | g             |
| Soil Aliquot Vol:  |                            |                    | uL            |
| Extraction Type:   |                            | Test:              | Pesticide-TCL |
| GPC Factor :       | 1.0                        | PH :               |               |
| Prep Method :      | SW3541B                    | Injection Volume : |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PD089198.D        | 1         | 06/26/25 08:20 | 06/27/25 20:22 | PB168623      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

### 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\_D\Data\PD062825\  
 Data File : PD089198.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Jun 2025 20:22  
 Operator : AR\AJ  
 Sample : Q2425-03MS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 COMP-3MS

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 06/30/2025  
 Supervised By : mohammad ahmed 07/01/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 27 23:15:58 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 18 05:39:05 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|---------|
| -----                       |                 |       |       |          |          |         |         |
| System Monitoring Compounds |                 |       |       |          |          |         |         |
| 1)                          | SA Tetrachlo... | 3.548 | 2.881 | 48494196 | 313.5E6  | 16.997m | 18.491  |
| 28)                         | SA Decachlor... | 9.070 | 8.071 | 62935418 | 326.0E6  | 16.024  | 16.488  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.999 | 3.393 | 242.4E6  | 1152.6E6 | 41.588  | 43.010  |
| 3)                          | MA gamma-BHC... | 4.329 | 3.729 | 222.7E6  | 1006.5E6 | 39.892  | 40.655  |
| 4)                          | MA Heptachlor   | 4.928 | 4.082 | 199.8E6  | 948.7E6  | 36.644  | 37.889  |
| 5)                          | MB Aldrin       | 5.270 | 4.368 | 232.2E6  | 1079.3E6 | 43.713  | 44.566  |
| 6)                          | B beta-BHC      | 4.515 | 4.025 | 93897998 | 482.0E6  | 42.543  | 44.857  |
| 7)                          | B delta-BHC     | 4.763 | 4.262 | 217.7E6  | 1027.5E6 | 42.410  | 41.309  |
| 8)                          | B Heptachlo...  | 5.690 | 4.871 | 207.6E6  | 972.1E6  | 43.038  | 44.394  |
| 9)                          | A Endosulfan I  | 6.073 | 5.246 | 195.1E6  | 893.3E6  | 43.283  | 42.861  |
| 10)                         | B gamma-Chl...  | 5.945 | 5.124 | 215.9E6  | 1058.6E6 | 45.081  | 44.250  |
| 11)                         | B alpha-Chl...  | 6.026 | 5.189 | 208.3E6  | 1004.0E6 | 43.051  | 43.848  |
| 12)                         | B 4,4'-DDE      | 6.195 | 5.373 | 186.4E6  | 1008.0E6 | 42.747  | 43.985  |
| 13)                         | MA Dieldrin     | 6.346 | 5.512 | 207.1E6  | 1012.4E6 | 43.160  | 43.620  |
| 14)                         | MA Endrin       | 6.573 | 5.788 | 164.6E6  | 890.8E6  | 39.905  | 41.026  |
| 15)                         | B Endosulfa...  | 6.784 | 6.078 | 171.9E6  | 865.0E6  | 42.586  | 42.828m |
| 16)                         | A 4,4'-DDD      | 6.704 | 5.928 | 158.5E6  | 848.4E6  | 46.184  | 44.352  |
| 17)                         | MA 4,4'-DDT     | 7.019 | 6.182 | 108.3E6  | 670.0E6  | 28.596  | 33.040  |
| 18)                         | B Endrin al...  | 6.913 | 6.257 | 86973441 | 444.9E6  | 28.386  | 29.057  |
| 19)                         | B Endosulfa...  | 7.148 | 6.480 | 130.6E6  | 679.0E6  | 34.028  | 34.608  |
| 20)                         | A Methoxychlor  | 7.491 | 6.752 | 55345475 | 317.3E6  | 27.390  | 29.471  |
| 21)                         | B Endrin ke...  | 7.628 | 6.990 | 166.5E6  | 886.1E6  | 40.873  | 41.019  |
| 22)                         | Mirex           | 8.112 | 7.183 | 120.6E6  | 679.6E6  | 39.654  | 40.746  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062825\  
Data File : PD089198.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Jun 2025 20:22  
Operator : AR\AJ  
Sample : Q2425-03MS  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

## Instrument :

ECD\_D

ClientSampleId :

COMP-3MS

## Manual Integrations

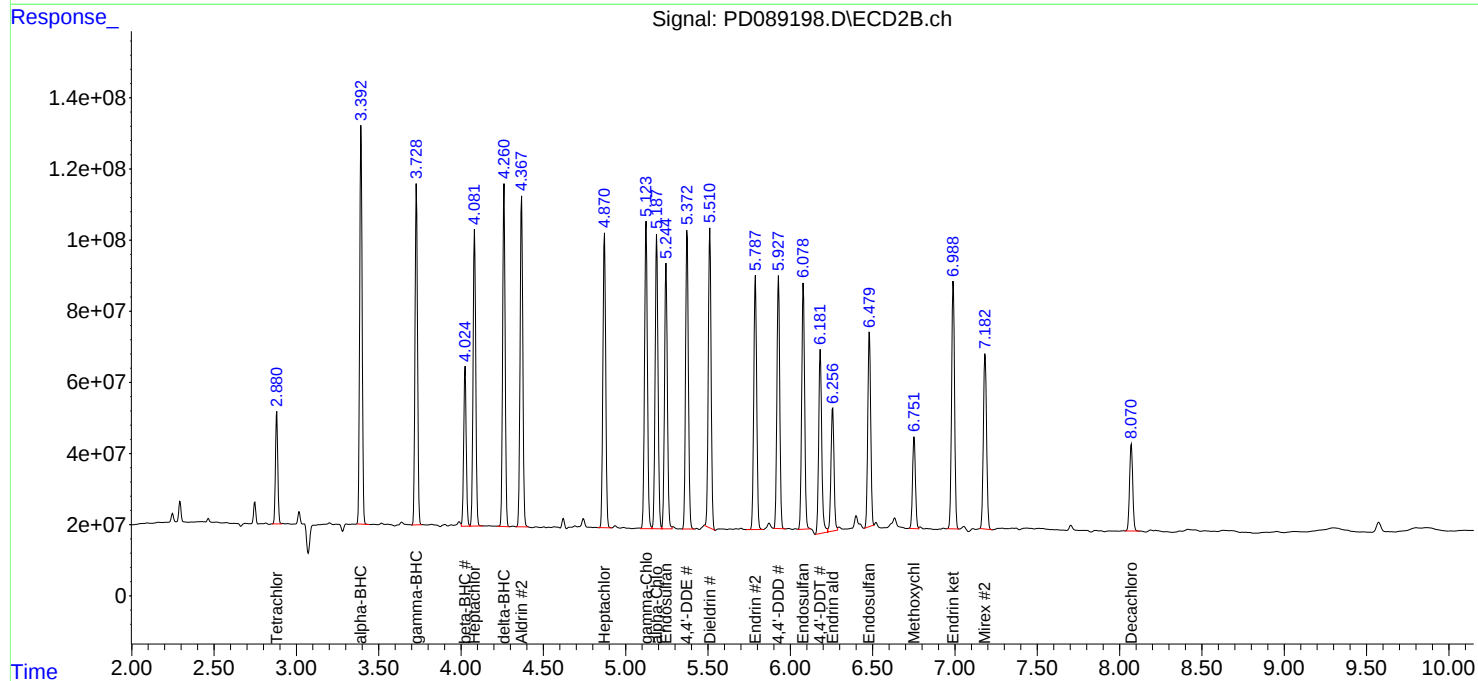
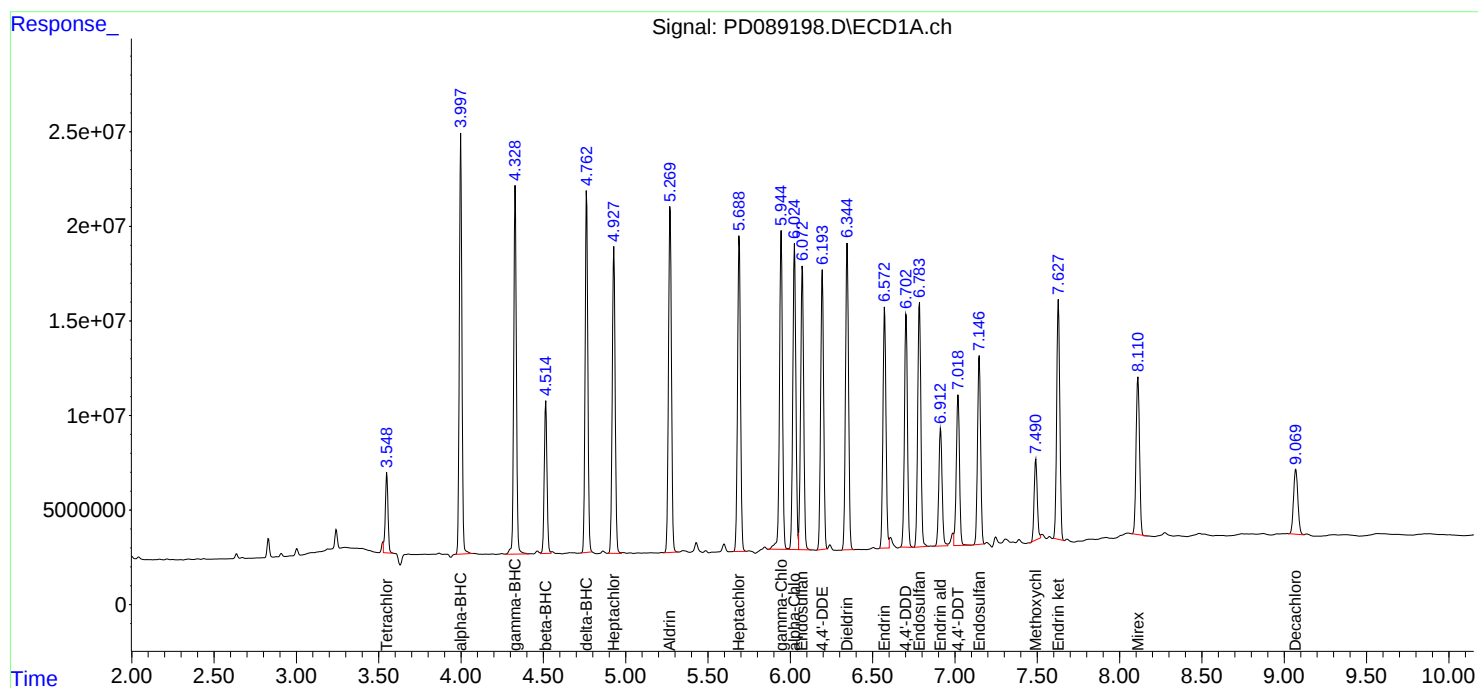
APPROVED

Reviewed By :Abdul Mirza 06/30/2025

Supervised By :mohammad ahmed 07/01/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 27 23:15:58 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 18 05:39:05 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



## Report of Analysis

|                    |                            |                    |                     |
|--------------------|----------------------------|--------------------|---------------------|
| Client:            | CDM Smith                  | Date Collected:    | 06/24/25            |
| Project:           | South River WM Replacement | Date Received:     | 06/25/25            |
| Client Sample ID:  | COMP-3MSD                  | SDG No.:           | Q2413               |
| Lab Sample ID:     | Q2425-03MSD                | Matrix:            | SOIL                |
| Analytical Method: | 8081B                      | % Solid:           | 82.6      Decanted: |
| Sample Wt/Vol:     | 30.03      Units:    g     | Final Vol:         | 10000      uL       |
| Soil Aliquot Vol:  | uL                         | Test:              | Pesticide-TCL       |
| Extraction Type:   |                            | Injection Volume : |                     |
| GPC Factor :       | 1.0      PH :              |                    |                     |
| Prep Method :      | SW3541B                    |                    |                     |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PD089199.D        | 1         | 06/26/25 08:20 | 06/27/25 20:35 | PB168623      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 319-84-6          | alpha-BHC            | 17.8  |           | 0.16     | 2.10       | ug/kg             |
| 319-85-7          | beta-BHC             | 18.1  |           | 0.22     | 2.10       | ug/kg             |
| 319-86-8          | delta-BHC            | 16.7  |           | 0.47     | 2.10       | ug/kg             |
| 58-89-9           | gamma-BHC (Lindane)  | 17.2  |           | 0.17     | 2.10       | ug/kg             |
| 76-44-8           | Heptachlor           | 13.9  |           | 0.15     | 2.10       | ug/kg             |
| 309-00-2          | Aldrin               | 18.3  |           | 0.15     | 2.10       | ug/kg             |
| 1024-57-3         | Heptachlor epoxide   | 18.0  |           | 0.23     | 2.10       | ug/kg             |
| 959-98-8          | Endosulfan I         | 17.7  |           | 0.17     | 2.10       | ug/kg             |
| 60-57-1           | Dieldrin             | 17.9  |           | 0.17     | 2.10       | ug/kg             |
| 72-55-9           | 4,4-DDE              | 18.4  |           | 0.17     | 2.10       | ug/kg             |
| 72-20-8           | Endrin               | 16.7  |           | 0.17     | 2.10       | ug/kg             |
| 33213-65-9        | Endosulfan II        | 17.5  |           | 0.35     | 2.10       | ug/kg             |
| 72-54-8           | 4,4-DDD              | 17.7  |           | 0.18     | 2.10       | ug/kg             |
| 1031-07-8         | Endosulfan Sulfate   | 15.0  |           | 0.16     | 2.10       | ug/kg             |
| 50-29-3           | 4,4-DDT              | 12.9  |           | 0.17     | 2.10       | ug/kg             |
| 72-43-5           | Methoxychlor         | 10.4  |           | 0.45     | 2.10       | ug/kg             |
| 53494-70-5        | Endrin ketone        | 15.5  |           | 0.23     | 2.10       | ug/kg             |
| 7421-93-4         | Endrin aldehyde      | 13.7  |           | 0.45     | 2.10       | ug/kg             |
| 5103-71-9         | alpha-Chlordane      | 17.9  |           | 0.15     | 2.10       | ug/kg             |
| 5103-74-2         | gamma-Chlordane      | 18.7  |           | 0.18     | 2.10       | ug/kg             |
| 8001-35-2         | Toxaphene            | 6.50  | U         | 6.50     | 39.9       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 16.8  |           | 20 - 144 | 84%        | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 18.4  |           | 19 - 148 | 92%        | SPK: 20           |

## Report of Analysis

|                    |                            |                    |                     |
|--------------------|----------------------------|--------------------|---------------------|
| Client:            | CDM Smith                  | Date Collected:    | 06/24/25            |
| Project:           | South River WM Replacement | Date Received:     | 06/25/25            |
| Client Sample ID:  | COMP-3MSD                  | SDG No.:           | Q2413               |
| Lab Sample ID:     | Q2425-03MSD                | Matrix:            | SOIL                |
| Analytical Method: | 8081B                      | % Solid:           | 82.6      Decanted: |
| Sample Wt/Vol:     | 30.03      Units:    g     | Final Vol:         | 10000      uL       |
| Soil Aliquot Vol:  | uL                         | Test:              | Pesticide-TCL       |
| Extraction Type:   |                            | Injection Volume : |                     |
| GPC Factor :       | 1.0      PH :              |                    |                     |
| Prep Method :      | SW3541B                    |                    |                     |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PD089199.D        | 1         | 06/26/25 08:20 | 06/27/25 20:35 | PB168623      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

### 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\_D\Data\PD062825\  
 Data File : PD089199.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Jun 2025 20:35  
 Operator : AR\AJ  
 Sample : Q2425-03MSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

## Instrument :

ECD\_D

ClientSampleId :

COMP-3MSD

## Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 06/30/2025

Supervised By :mohammad ahmed 07/01/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 27 23:16:11 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 18 05:39:05 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|----------|
| -----                       |                 |       |       |          |          |         |          |
| System Monitoring Compounds |                 |       |       |          |          |         |          |
| 1)                          | SA Tetrachlo... | 3.548 | 2.881 | 49494538 | 312.4E6  | 17.347m | 18.427   |
| 28)                         | SA Decachlor... | 9.070 | 8.070 | 65970703 | 329.4E6  | 16.797  | 16.662   |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.999 | 3.393 | 251.9E6  | 1184.8E6 | 43.221  | 44.216   |
| 3)                          | MA gamma-BHC... | 4.330 | 3.729 | 235.3E6  | 1055.5E6 | 42.154  | 42.633   |
| 4)                          | MA Heptachlor   | 4.929 | 4.082 | 183.7E6  | 861.7E6  | 33.703  | 34.413   |
| 5)                          | MB Aldrin       | 5.270 | 4.367 | 240.3E6  | 1099.4E6 | 45.233  | 45.398   |
| 6)                          | B beta-BHC      | 4.515 | 4.024 | 94125155 | 482.4E6  | 42.646  | 44.895   |
| 7)                          | B delta-BHC     | 4.763 | 4.261 | 212.3E6  | 999.5E6  | 41.357  | 40.182   |
| 8)                          | B Heptachlo...  | 5.690 | 4.871 | 211.2E6  | 978.4E6  | 43.780  | 44.681   |
| 9)                          | A Endosulfan I  | 6.074 | 5.245 | 197.7E6  | 892.9E6  | 43.850  | 42.841   |
| 10)                         | B gamma-Chl...  | 5.945 | 5.124 | 222.2E6  | 1091.7E6 | 46.416  | 45.634   |
| 11)                         | B alpha-Chl...  | 6.026 | 5.188 | 212.7E6  | 1015.1E6 | 43.968  | 44.333   |
| 12)                         | B 4,4'-DDE      | 6.195 | 5.373 | 196.6E6  | 1043.5E6 | 45.089  | 45.535   |
| 13)                         | MA Dieldrin     | 6.346 | 5.511 | 212.3E6  | 1028.5E6 | 44.257  | 44.316   |
| 14)                         | MA Endrin       | 6.573 | 5.787 | 170.8E6  | 889.0E6  | 41.390  | 40.941   |
| 15)                         | B Endosulfa...  | 6.785 | 6.077 | 174.9E6  | 867.8E6  | 43.319  | 42.970m  |
| 16)                         | A 4,4'-DDD      | 6.704 | 5.928 | 151.0E6  | 809.9E6  | 44.007  | 42.339   |
| 17)                         | MA 4,4'-DDT     | 7.018 | 6.182 | 95626120 | 649.9E6  | 25.243m | 32.047 # |
| 18)                         | B Endrin al...  | 6.914 | 6.256 | 104.0E6  | 513.8E6  | 33.935  | 33.555m  |
| 19)                         | B Endosulfa...  | 7.148 | 6.480 | 142.6E6  | 695.6E6  | 37.151  | 35.452   |
| 20)                         | A Methoxychlor  | 7.490 | 6.752 | 47300429 | 276.8E6  | 23.409m | 25.704   |
| 21)                         | B Endrin ke...  | 7.629 | 6.989 | 155.7E6  | 832.5E6  | 38.225  | 38.537   |
| 22)                         | Mirex           | 8.112 | 7.183 | 123.3E6  | 688.0E6  | 40.556  | 41.250   |
| -----                       |                 |       |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062825\  
Data File : PD089199.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Jun 2025 20:35  
Operator : AR\AJ  
Sample : Q2425-03MSD  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

## Instrument :

ECD\_D

ClientSampleId :

COMP-3MSD

## Manual Integrations

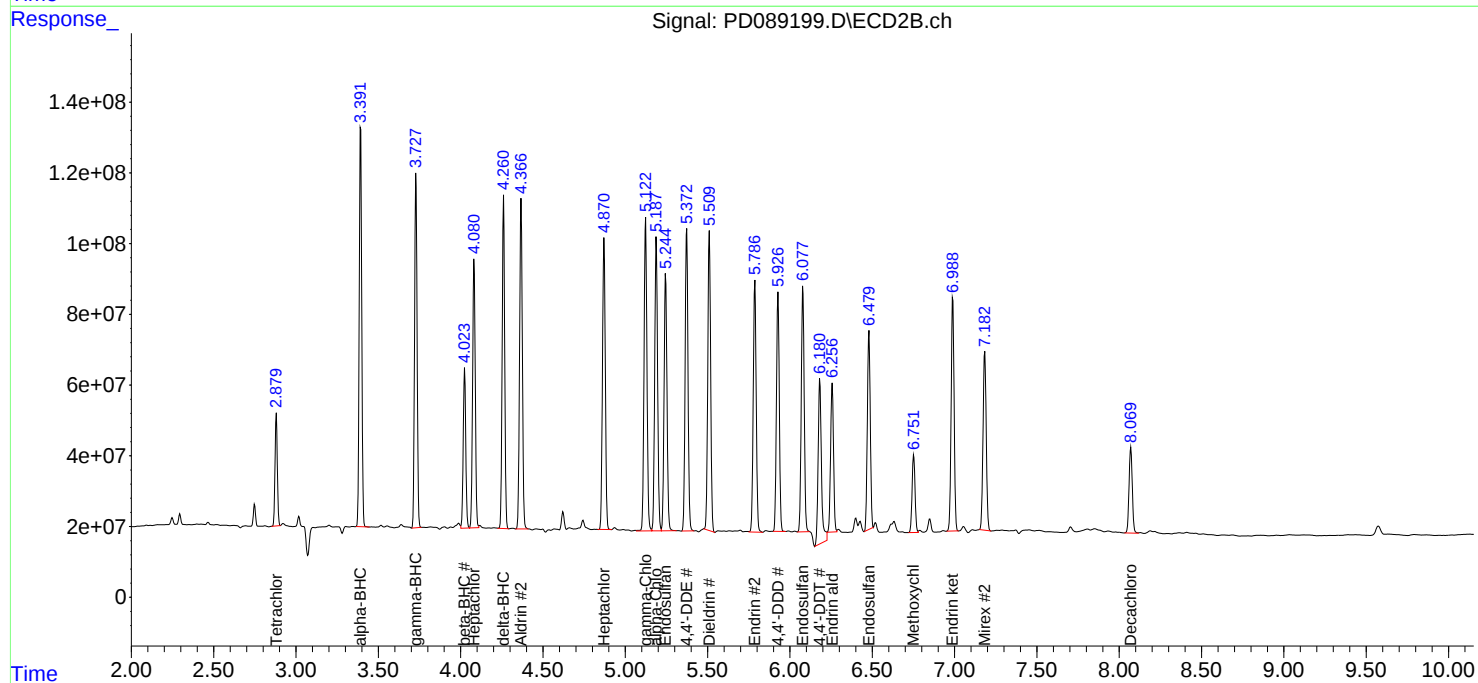
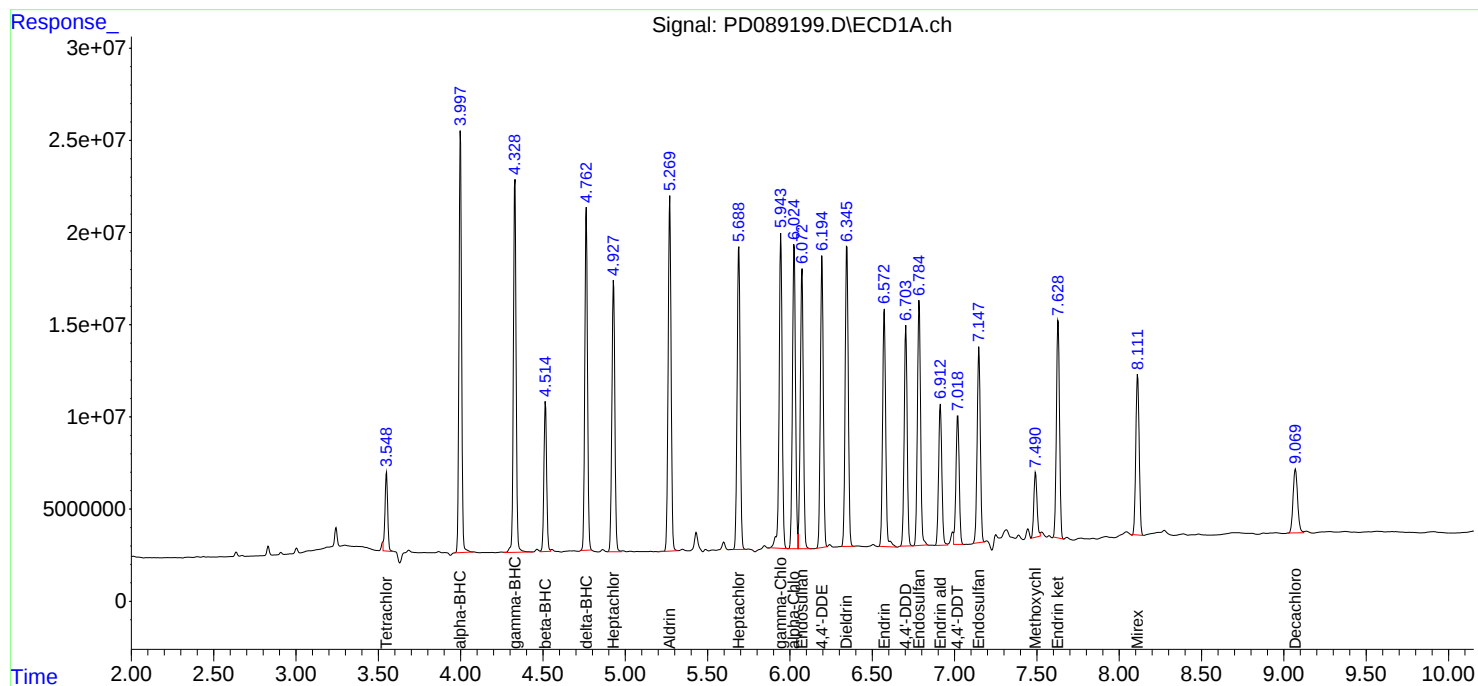
APPROVED

Reviewed By :Abdul Mirza 06/30/2025

Supervised By :mohammad ahmed 07/01/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 27 23:16:11 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 18 05:39:05 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | PD061825 | Instrument | ECD_d |
|-----------|----------|------------|-------|

| Sample ID  | File ID    | Parameter          | Review By | Review On            | Supervised By | Supervised On     | Reason                      |
|------------|------------|--------------------|-----------|----------------------|---------------|-------------------|-----------------------------|
| PEM        | PD088991.D | 4,4"-DDD           | Abdul     | 6/18/2025 8:40:15 AM | mohammad      | 6/19/2025 2:43:55 | Peak Integrated by Software |
| PEM        | PD088991.D | 4,4"-DDD #2        | Abdul     | 6/18/2025 8:40:15 AM | mohammad      | 6/19/2025 2:43:55 | Peak Integrated by Software |
| PEM        | PD088991.D | beta-BHC           | Abdul     | 6/18/2025 8:40:15 AM | mohammad      | 6/19/2025 2:43:55 | Peak Integrated by Software |
| PEM        | PD088991.D | Endrin aldehyde    | Abdul     | 6/18/2025 8:40:15 AM | mohammad      | 6/19/2025 2:43:55 | Peak Integrated by Software |
| PEM        | PD088991.D | Endrin aldehyde #2 | Abdul     | 6/18/2025 8:40:15 AM | mohammad      | 6/19/2025 2:43:55 | Peak Integrated by Software |
| PEM        | PD088991.D | Endrin ketone      | Abdul     | 6/18/2025 8:40:15 AM | mohammad      | 6/19/2025 2:43:55 | Peak Integrated by Software |
| PEM        | PD088991.D | Endrin ketone #2   | Abdul     | 6/18/2025 8:40:15 AM | mohammad      | 6/19/2025 2:43:55 | Peak Integrated by Software |
| PSTDICC025 | PD088996.D | Endrin #2          | Abdul     | 6/18/2025 8:40:24 AM | mohammad      | 6/19/2025 2:43:55 | Peak Integrated by Software |
| PSTDICC005 | PD088997.D | Endrin #2          | Abdul     | 6/18/2025 8:40:30 AM | mohammad      | 6/19/2025 2:43:55 | Peak Integrated by Software |
| PSTDICC005 | PD088997.D | Endrin ketone #2   | Abdul     | 6/18/2025 8:40:30 AM | mohammad      | 6/19/2025 2:43:55 | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | pd062625 | Instrument | ECD_d |
|-----------|----------|------------|-------|

| Sample ID | File ID    | Parameter        | Review By | Review On            | Supervised By | Supervised On     | Reason                      |
|-----------|------------|------------------|-----------|----------------------|---------------|-------------------|-----------------------------|
| PEM       | PD089158.D | 4,4"-DDE         | Abdul     | 6/27/2025 9:52:49 AM | mohammad      | 6/30/2025 2:19:09 | Peak Integrated by Software |
| PEM       | PD089158.D | 4,4"-DDE #2      | Abdul     | 6/27/2025 9:52:49 AM | mohammad      | 6/30/2025 2:19:09 | Peak Integrated by Software |
| PEM       | PD089158.D | Endrin ketone #2 | Abdul     | 6/27/2025 9:52:49 AM | mohammad      | 6/30/2025 2:19:09 | Peak Integrated by Software |

## Manual Integration Report

Sequence:

pd062725

Instrument

ECD\_d

| Sample ID | File ID    | Parameter          | Review By | Review On            | Supervised By | Supervised On | Reason                      |
|-----------|------------|--------------------|-----------|----------------------|---------------|---------------|-----------------------------|
| PEM       | PD089175.D | 4,4"-DDD           | Abdul     | 6/30/2025 7:56:21 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PEM       | PD089175.D | 4,4"-DDE           | Abdul     | 6/30/2025 7:56:21 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PEM       | PD089175.D | 4,4"-DDE #2        | Abdul     | 6/30/2025 7:56:21 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PEM       | PD089175.D | Endrin             | Abdul     | 6/30/2025 7:56:21 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PEM       | PD089175.D | Endrin aldehyde    | Abdul     | 6/30/2025 7:56:21 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PEM       | PD089175.D | Endrin ketone      | Abdul     | 6/30/2025 7:56:21 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q2413-01  | PD089177.D | Decachlorobiphenyl | Abdul     | 6/30/2025 7:56:26 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q2413-02  | PD089178.D | alpha-Chlordane #2 | Abdul     | 6/30/2025 7:56:28 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q2413-02  | PD089178.D | beta-BHC           | Abdul     | 6/30/2025 7:56:28 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q2413-02  | PD089178.D | Decachlorobiphenyl | Abdul     | 6/30/2025 7:56:28 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q2413-02  | PD089178.D | gamma-Chlordane #2 | Abdul     | 6/30/2025 7:56:28 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q2413-03  | PD089179.D | Decachlorobiphenyl | Abdul     | 6/30/2025 7:56:31 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q2413-03  | PD089179.D | Endrin             | Abdul     | 6/30/2025 7:56:31 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |

## Manual Integration Report

Sequence:

pd062725

Instrument

ECD\_d

| Sample ID | File ID    | Parameter             | Review By | Review On            | Supervised By | Supervised On | Reason                      |
|-----------|------------|-----------------------|-----------|----------------------|---------------|---------------|-----------------------------|
| Q2413-03  | PD089179.D | Endrin #2             | Abdul     | 6/30/2025 7:56:31 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q2413-04  | PD089180.D | 4,4"-DDE              | Abdul     | 6/30/2025 7:56:34 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q2413-04  | PD089180.D | 4,4"-DDE #2           | Abdul     | 6/30/2025 7:56:34 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q2413-04  | PD089180.D | Decachlorobiphenyl    | Abdul     | 6/30/2025 7:56:34 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q2413-04  | PD089180.D | Decachlorobiphenyl #2 | Abdul     | 6/30/2025 7:56:34 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q2413-05  | PD089183.D | 4,4"-DDD #2           | Abdul     | 6/30/2025 7:56:43 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |

## Manual Integration Report

Sequence:

pd062825

Instrument

ECD\_d

| Sample ID   | File ID    | Parameter            | Review By | Review On            | Supervised By | Supervised On | Reason                      |
|-------------|------------|----------------------|-----------|----------------------|---------------|---------------|-----------------------------|
| PEM         | PD089191.D | 4,4"-DDE #2          | Abdul     | 6/30/2025 7:54:10 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PEM         | PD089191.D | Endrin               | Abdul     | 6/30/2025 7:54:10 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PEM         | PD089191.D | Endrin aldehyde #2   | Abdul     | 6/30/2025 7:54:10 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PEM         | PD089191.D | gamma-BHC (Lindane)  | Abdul     | 6/30/2025 7:54:10 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q2425-03MS  | PD089198.D | Endosulfan II #2     | Abdul     | 6/30/2025 7:54:24 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q2425-03MS  | PD089198.D | Tetrachloro-m-xylene | Abdul     | 6/30/2025 7:54:24 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q2425-03MSD | PD089199.D | 4,4"-DDT             | Abdul     | 6/30/2025 7:54:28 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q2425-03MSD | PD089199.D | Endosulfan II #2     | Abdul     | 6/30/2025 7:54:28 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q2425-03MSD | PD089199.D | Endrin aldehyde #2   | Abdul     | 6/30/2025 7:54:28 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q2425-03MSD | PD089199.D | Methoxychlor         | Abdul     | 6/30/2025 7:54:28 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q2425-03MSD | PD089199.D | Tetrachloro-m-xylene | Abdul     | 6/30/2025 7:54:28 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PEM         | PD089213.D | 4,4"-DDE #2          | Abdul     | 6/30/2025 7:54:49 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PEM         | PD089213.D | Endrin               | Abdul     | 6/30/2025 7:54:49 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |



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

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | pd062825 | Instrument | ECD_d |
|-----------|----------|------------|-------|

| Sample ID  | File ID    | Parameter        | Review By | Review On            | Supervised By | Supervised On | Reason                      |
|------------|------------|------------------|-----------|----------------------|---------------|---------------|-----------------------------|
| PSTDCCC050 | PD089214.D | Endosulfan II #2 | Abdul     | 6/30/2025 7:54:52 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD061825**

|                          |                                                                                                                                                                                 |                   |                                    |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------|
| Review By                | Abdul                                                                                                                                                                           | Review On         | 6/18/2025 8:40:56 AM               |
| Supervise By             | mohammad                                                                                                                                                                        | Supervise On      | 6/19/2025 2:43:55 AM               |
| SubDirectory             | PD061825                                                                                                                                                                        | HP Acquire Method | HP Processing Method pd061825 8081 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                |                   |                                    |
| Tune/Reschk              | PP24433,PP24651                                                                                                                                                                 |                   |                                    |
| Initial Calibration Stds | PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284 |                   |                                    |
| CCC                      | PP24261,PP24273,PP24279,PP24284                                                                                                                                                 |                   |                                    |
| Internal Standard/PEM    |                                                                                                                                                                                 |                   |                                    |
| ICV/I.BLK                | PP24273,PP24279,PP24284                                                                                                                                                         |                   |                                    |
| Surrogate Standard       |                                                                                                                                                                                 |                   |                                    |
| MS/MSD Standard          |                                                                                                                                                                                 |                   |                                    |
| LCS Standard             |                                                                                                                                                                                 |                   |                                    |

| Sr# | Sampleld      | Data File Name | Date-Time         | Operator | Status |
|-----|---------------|----------------|-------------------|----------|--------|
| 1   | HEXANE        | PD088989.D     | 17 Jun 2025 14:58 | AR\AJ    | Ok     |
| 2   | I.BLK         | PD088990.D     | 17 Jun 2025 15:11 | AR\AJ    | Ok     |
| 3   | PEM           | PD088991.D     | 17 Jun 2025 15:25 | AR\AJ    | Ok,M   |
| 4   | RESCHK        | PD088992.D     | 17 Jun 2025 15:39 | AR\AJ    | Ok     |
| 5   | PSTDICC100    | PD088993.D     | 17 Jun 2025 15:52 | AR\AJ    | Ok     |
| 6   | PSTDICC075    | PD088994.D     | 17 Jun 2025 16:06 | AR\AJ    | Ok     |
| 7   | PSTDICC050    | PD088995.D     | 17 Jun 2025 16:20 | AR\AJ    | Ok     |
| 8   | PSTDICC025    | PD088996.D     | 17 Jun 2025 16:33 | AR\AJ    | Ok,M   |
| 9   | PSTDICC005    | PD088997.D     | 17 Jun 2025 16:47 | AR\AJ    | Ok,M   |
| 10  | PCHLORICC1000 | PD088998.D     | 17 Jun 2025 17:00 | AR\AJ    | Ok     |
| 11  | PCHLORICC750  | PD088999.D     | 17 Jun 2025 17:14 | AR\AJ    | Ok     |
| 12  | PCHLORICC500  | PD089000.D     | 17 Jun 2025 17:28 | AR\AJ    | Ok     |
| 13  | PCHLORICC250  | PD089001.D     | 17 Jun 2025 17:41 | AR\AJ    | Ok     |
| 14  | PCHLORICC050  | PD089002.D     | 17 Jun 2025 17:55 | AR\AJ    | Ok     |
| 15  | PTOXICC1000   | PD089003.D     | 17 Jun 2025 18:09 | AR\AJ    | Ok     |
| 16  | PTOXICC750    | PD089004.D     | 17 Jun 2025 18:22 | AR\AJ    | Ok     |
| 17  | PTOXICC500    | PD089005.D     | 17 Jun 2025 18:36 | AR\AJ    | Ok     |
| 18  | PTOXICC250    | PD089006.D     | 17 Jun 2025 18:50 | AR\AJ    | Ok     |
| 19  | PTOXICC100    | PD089007.D     | 17 Jun 2025 19:03 | AR\AJ    | Ok,M   |
| 20  | PSTDICV050    | PD089008.D     | 17 Jun 2025 19:17 | AR\AJ    | Ok     |
| 21  | PCHLORICV500  | PD089009.D     | 17 Jun 2025 19:31 | AR\AJ    | Ok     |

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD061825**

| Review By                | Abdul                                                                                                                                                                           | Review On         | 6/18/2025 8:40:56 AM               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------|
| Supervise By             | mohammad                                                                                                                                                                        | Supervise On      | 6/19/2025 2:43:55 AM               |
| SubDirectory             | PD061825                                                                                                                                                                        | HP Acquire Method | HP Processing Method pd061825 8081 |
| STD. NAME                | STD REF.#                                                                                                                                                                       |                   |                                    |
| Tune/Reschk              | PP24433,PP24651                                                                                                                                                                 |                   |                                    |
| Initial Calibration Stds | PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284 |                   |                                    |
| CCC                      | PP24261,PP24273,PP24279,PP24284                                                                                                                                                 |                   |                                    |
| Internal Standard/PEM    |                                                                                                                                                                                 |                   |                                    |
| ICV/I.BLK                | PP24273,PP24279,PP24284                                                                                                                                                         |                   |                                    |
| Surrogate Standard       |                                                                                                                                                                                 |                   |                                    |
| MS/MSD Standard          |                                                                                                                                                                                 |                   |                                    |
| LCS Standard             |                                                                                                                                                                                 |                   |                                    |

|    |            |            |                   |       |    |
|----|------------|------------|-------------------|-------|----|
| 22 | PTOXICV500 | PD089010.D | 17 Jun 2025 19:44 | AR\AJ | Ok |
|----|------------|------------|-------------------|-------|----|

M : Manual Integration

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD062625**

|                          |                                                                                                                                                                                 |                   |                                    |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------|
| Review By                | Abdul                                                                                                                                                                           | Review On         | 6/27/2025 9:53:31 AM               |
| Supervise By             | mohammad                                                                                                                                                                        | Supervise On      | 6/30/2025 2:19:09 AM               |
| SubDirectory             | PD062625                                                                                                                                                                        | HP Acquire Method | HP Processing Method pd061825 8081 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                |                   |                                    |
| Tune/Reschk              | PP24433,PP24651                                                                                                                                                                 |                   |                                    |
| Initial Calibration Stds | PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284 |                   |                                    |
| CCC                      | PP24261,PP24273,PP24279,PP24284                                                                                                                                                 |                   |                                    |
| Internal Standard/PEM    |                                                                                                                                                                                 |                   |                                    |
| ICV/I.BLK                | PP24273,PP24279,PP24284                                                                                                                                                         |                   |                                    |
| Surrogate Standard       |                                                                                                                                                                                 |                   |                                    |
| MS/MSD Standard          |                                                                                                                                                                                 |                   |                                    |
| LCS Standard             |                                                                                                                                                                                 |                   |                                    |

| Sr# | SampleId   | Data File Name | Date-Time         | Operator | Status |
|-----|------------|----------------|-------------------|----------|--------|
| 1   | HEXANE     | PD089156.D     | 26 Jun 2025 11:06 | AR\AJ    | Ok     |
| 2   | I.BLK      | PD089157.D     | 26 Jun 2025 11:20 | AR\AJ    | Ok     |
| 3   | PEM        | PD089158.D     | 26 Jun 2025 11:33 | AR\AJ    | Ok,M   |
| 4   | PSTDCCC050 | PD089159.D     | 26 Jun 2025 11:47 | AR\AJ    | Ok     |
| 5   | Q2399-01   | PD089160.D     | 26 Jun 2025 12:04 | AR\AJ    | Ok     |
| 6   | Q2399-05   | PD089161.D     | 26 Jun 2025 12:17 | AR\AJ    | Ok,M   |
| 7   | Q2403-03   | PD089162.D     | 26 Jun 2025 12:31 | AR\AJ    | Not Ok |
| 8   | Q2403-07   | PD089163.D     | 26 Jun 2025 12:44 | AR\AJ    | Ok,M   |
| 9   | Q2405-01   | PD089164.D     | 26 Jun 2025 12:58 | AR\AJ    | Ok     |
| 10  | Q2126-01   | PD089165.D     | 26 Jun 2025 13:12 | AR\AJ    | Not Ok |
| 11  | PB168623BL | PD089166.D     | 26 Jun 2025 13:44 | AR\AJ    | Ok     |
| 12  | PB168623BS | PD089167.D     | 26 Jun 2025 14:59 | AR\AJ    | Ok     |
| 13  | Q2419-01   | PD089168.D     | 26 Jun 2025 15:16 | AR\AJ    | Ok,M   |
| 14  | Q2423-01   | PD089169.D     | 26 Jun 2025 15:30 | AR\AJ    | Ok,M   |
| 15  | Q2423-01RE | PD089170.D     | 26 Jun 2025 16:11 | AR\AJ    | Not Ok |
| 16  | I.BLK      | PD089171.D     | 26 Jun 2025 16:35 | AR\AJ    | Ok     |
| 17  | PSTDCCC050 | PD089172.D     | 26 Jun 2025 17:20 | AR\AJ    | Ok     |

M : Manual Integration

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD062725**

|                          |                                                                                                                                                                                 |                   |                                    |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------|
| Review By                | Abdul                                                                                                                                                                           | Review On         | 6/30/2025 7:57:21 AM               |
| Supervise By             |                                                                                                                                                                                 | Supervise On      |                                    |
| SubDirectory             | PD062725                                                                                                                                                                        | HP Acquire Method | HP Processing Method pd061825 8081 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                |                   |                                    |
| Tune/Reschk              | PP24433,PP24651                                                                                                                                                                 |                   |                                    |
| Initial Calibration Stds | PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284 |                   |                                    |
| CCC                      | PP24261,PP24273,PP24279,PP24284                                                                                                                                                 |                   |                                    |
| Internal Standard/PEM    |                                                                                                                                                                                 |                   |                                    |
| ICV/I.BLK                | PP24273,PP24279,PP24284                                                                                                                                                         |                   |                                    |
| Surrogate Standard       |                                                                                                                                                                                 |                   |                                    |
| MS/MSD Standard          |                                                                                                                                                                                 |                   |                                    |
| LCS Standard             |                                                                                                                                                                                 |                   |                                    |

| Sr# | SampleId   | Data File Name | Date-Time         | Operator | Status |
|-----|------------|----------------|-------------------|----------|--------|
| 1   | HEXANE     | PD089173.D     | 27 Jun 2025 02:44 | AR\AJ    | Ok     |
| 2   | I.BLK      | PD089174.D     | 27 Jun 2025 02:58 | AR\AJ    | Ok     |
| 3   | PEM        | PD089175.D     | 27 Jun 2025 03:11 | AR\AJ    | Ok,NS  |
| 4   | PSTDCCC050 | PD089176.D     | 27 Jun 2025 03:25 | AR\AJ    | Ok     |
| 5   | Q2413-01   | PD089177.D     | 27 Jun 2025 04:33 | AR\AJ    | Ok,NS  |
| 6   | Q2413-02   | PD089178.D     | 27 Jun 2025 04:47 | AR\AJ    | Ok,NS  |
| 7   | Q2413-03   | PD089179.D     | 27 Jun 2025 05:01 | AR\AJ    | Ok,NS  |
| 8   | Q2413-04   | PD089180.D     | 27 Jun 2025 05:14 | AR\AJ    | Ok,NS  |
| 9   | Q2126-01   | PD089181.D     | 27 Jun 2025 10:47 | AR\AJ    | Not Ok |
| 10  | Q2403-03   | PD089182.D     | 27 Jun 2025 11:00 | AR\AJ    | Not Ok |
| 11  | Q2413-05   | PD089183.D     | 27 Jun 2025 11:14 | AR\AJ    | Ok,NS  |
| 12  | Q2413-06   | PD089184.D     | 27 Jun 2025 11:28 | AR\AJ    | Ok     |
| 13  | Q2414-01   | PD089185.D     | 27 Jun 2025 11:41 | AR\AJ    | Ok,NS  |
| 14  | Q2415-01   | PD089186.D     | 27 Jun 2025 11:55 | AR\AJ    | Ok,NS  |
| 15  | I.BLK      | PD089187.D     | 27 Jun 2025 12:09 | AR\AJ    | Ok     |
| 16  | PSTDCCC050 | PD089188.D     | 27 Jun 2025 12:53 | AR\AJ    | Ok     |

M : Manual Integration

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD062825**

|                          |                                                                                                                                                                                 |                   |                                    |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------|
| Review By                | Abdul                                                                                                                                                                           | Review On         | 6/30/2025 7:55:28 AM               |
| Supervise By             |                                                                                                                                                                                 | Supervise On      |                                    |
| SubDirectory             | PD062825                                                                                                                                                                        | HP Acquire Method | HP Processing Method pd061825 8081 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                |                   |                                    |
| Tune/Reschk              | PP24433,PP24651                                                                                                                                                                 |                   |                                    |
| Initial Calibration Stds | PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284 |                   |                                    |
| CCC                      | PP24261,PP24273,PP24279,PP24284                                                                                                                                                 |                   |                                    |
| Internal Standard/PEM    |                                                                                                                                                                                 |                   |                                    |
| ICV/I.BLK                | PP24273,PP24279,PP24284                                                                                                                                                         |                   |                                    |
| Surrogate Standard       |                                                                                                                                                                                 |                   |                                    |
| MS/MSD Standard          |                                                                                                                                                                                 |                   |                                    |
| LCS Standard             |                                                                                                                                                                                 |                   |                                    |

| Sr# | SampleId    | Data File Name | Date-Time         | Operator | Status |
|-----|-------------|----------------|-------------------|----------|--------|
| 1   | HEXANE      | PD089189.D     | 27 Jun 2025 18:05 | AR\AJ    | Ok     |
| 2   | I.BLK       | PD089190.D     | 27 Jun 2025 18:19 | AR\AJ    | Ok     |
| 3   | PEM         | PD089191.D     | 27 Jun 2025 18:32 | AR\AJ    | Ok,NS  |
| 4   | PSTDCCC050  | PD089192.D     | 27 Jun 2025 18:46 | AR\AJ    | Ok     |
| 5   | Q2416-01    | PD089193.D     | 27 Jun 2025 19:13 | AR\AJ    | Ok     |
| 6   | Q2420-01    | PD089194.D     | 27 Jun 2025 19:27 | AR\AJ    | Ok,NS  |
| 7   | Q2425-01    | PD089195.D     | 27 Jun 2025 19:41 | AR\AJ    | Ok,NS  |
| 8   | Q2425-02    | PD089196.D     | 27 Jun 2025 19:54 | AR\AJ    | Ok,NS  |
| 9   | Q2425-03    | PD089197.D     | 27 Jun 2025 20:08 | AR\AJ    | Ok     |
| 10  | Q2425-03MS  | PD089198.D     | 27 Jun 2025 20:22 | AR\AJ    | Ok,NS  |
| 11  | Q2425-03MSD | PD089199.D     | 27 Jun 2025 20:35 | AR\AJ    | Ok,NS  |
| 12  | Q2418-01    | PD089200.D     | 27 Jun 2025 20:49 | AR\AJ    | Ok,NS  |
| 13  | I.BLK       | PD089201.D     | 27 Jun 2025 21:03 | AR\AJ    | Ok     |
| 14  | PSTDCCC050  | PD089202.D     | 27 Jun 2025 21:16 | AR\AJ    | Ok     |
| 15  | PB168641BL  | PD089203.D     | 27 Jun 2025 21:44 | AR\AJ    | Ok     |
| 16  | PB168641BS  | PD089204.D     | 27 Jun 2025 21:57 | AR\AJ    | Not Ok |
| 17  | PB168641BSD | PD089205.D     | 27 Jun 2025 22:11 | AR\AJ    | Not Ok |
| 18  | PB168637BL  | PD089206.D     | 27 Jun 2025 22:25 | AR\AJ    | Ok     |
| 19  | PB168637BS  | PD089207.D     | 27 Jun 2025 22:38 | AR\AJ    | Not Ok |
| 20  | Q2429-01    | PD089208.D     | 27 Jun 2025 22:52 | AR\AJ    | Ok     |
| 21  | Q2430-01    | PD089209.D     | 27 Jun 2025 23:06 | AR\AJ    | Ok     |

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD062825**

| Review By                | Abdul                                                                                                                                                                           | Review On         | 6/30/2025 7:55:28 AM               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------|
| Supervise By             |                                                                                                                                                                                 | Supervise On      |                                    |
| SubDirectory             | PD062825                                                                                                                                                                        | HP Acquire Method | HP Processing Method pd061825 8081 |
| STD. NAME                | STD REF.#                                                                                                                                                                       |                   |                                    |
| Tune/Reschk              | PP24433,PP24651                                                                                                                                                                 |                   |                                    |
| Initial Calibration Stds | PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,PP24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284 |                   |                                    |
| CCC                      | PP24261,PP24273,PP24279,PP24284                                                                                                                                                 |                   |                                    |
| Internal Standard/PEM    |                                                                                                                                                                                 |                   |                                    |
| ICV/I.BLK                | PP24273,PP24279,PP24284                                                                                                                                                         |                   |                                    |
| Surrogate Standard       |                                                                                                                                                                                 |                   |                                    |
| MS/MSD Standard          |                                                                                                                                                                                 |                   |                                    |
| LCS Standard             |                                                                                                                                                                                 |                   |                                    |

|    |             |            |                   |       |       |
|----|-------------|------------|-------------------|-------|-------|
| 22 | Q2430-01MS  | PD089210.D | 27 Jun 2025 23:19 | AR\AJ | Ok,NS |
| 23 | Q2430-01MSD | PD089211.D | 27 Jun 2025 23:33 | AR\AJ | Ok,NS |
| 24 | I.BLK       | PD089212.D | 27 Jun 2025 23:47 | AR\AJ | Ok    |
| 25 | PEM         | PD089213.D | 28 Jun 2025 00:00 | AR\AJ | Ok,NS |
| 26 | PSTDCCC050  | PD089214.D | 28 Jun 2025 00:14 | AR\AJ | Ok,NS |
| 27 | Q2436-01    | PD089215.D | 28 Jun 2025 00:41 | AR\AJ | Ok    |
| 28 | Q2436-02    | PD089216.D | 28 Jun 2025 00:55 | AR\AJ | Ok    |
| 29 | Q2436-03    | PD089217.D | 28 Jun 2025 01:09 | AR\AJ | Ok    |
| 30 | Q2436-04    | PD089218.D | 28 Jun 2025 01:22 | AR\AJ | Ok    |
| 31 | Q2436-05    | PD089219.D | 28 Jun 2025 01:36 | AR\AJ | Ok,NS |
| 32 | Q2436-06    | PD089220.D | 28 Jun 2025 01:50 | AR\AJ | Ok    |
| 33 | Q2436-07    | PD089221.D | 28 Jun 2025 02:03 | AR\AJ | Ok    |
| 34 | Q2436-08    | PD089222.D | 28 Jun 2025 02:17 | AR\AJ | Ok,NS |
| 35 | Q2436-09    | PD089223.D | 28 Jun 2025 02:31 | AR\AJ | Ok,NS |
| 36 | Q2436-10    | PD089224.D | 28 Jun 2025 02:44 | AR\AJ | Ok,NS |
| 37 | I.BLK       | PD089225.D | 28 Jun 2025 02:58 | AR\AJ | Ok    |
| 38 | PSTDCCC050  | PD089226.D | 28 Jun 2025 03:12 | AR\AJ | Ok    |

M : Manual Integration

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD061825**

|              |          |                   |                                    |
|--------------|----------|-------------------|------------------------------------|
| Review By    | Abdul    | Review On         | 6/18/2025 8:40:56 AM               |
| Supervise By | mohammad | Supervise On      | 6/19/2025 2:43:55 AM               |
| SubDirectory | PD061825 | HP Acquire Method | HP Processing Method pd061825 8081 |

| STD. NAME                | STD REF.#                                                                                                                                                                           |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tune/Reschk              | PP24433,PP24651                                                                                                                                                                     |
| Initial Calibration Stds | PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,P<br>P24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284 |
| CCC                      | PP24261,PP24273,PP24279,PP24284                                                                                                                                                     |
| Internal Standard/PEM    |                                                                                                                                                                                     |
| ICV/I.BLK                | PP24273,PP24279,PP24284                                                                                                                                                             |
| Surrogate Standard       |                                                                                                                                                                                     |
| MS/MSD Standard          |                                                                                                                                                                                     |
| LCS Standard             |                                                                                                                                                                                     |

| Sr# | Sampleld      | ClientID      | Data File Name | Date-Time         | Comment | Operator | Status |
|-----|---------------|---------------|----------------|-------------------|---------|----------|--------|
| 1   | HEXANE        | HEXANE        | PD088989.D     | 17 Jun 2025 14:58 |         | AR\AJ    | Ok     |
| 2   | I.BLK         | I.BLK         | PD088990.D     | 17 Jun 2025 15:11 |         | AR\AJ    | Ok     |
| 3   | PEM           | PEM           | PD088991.D     | 17 Jun 2025 15:25 |         | AR\AJ    | Ok,M   |
| 4   | RESCHK        | RESCHK        | PD088992.D     | 17 Jun 2025 15:39 |         | AR\AJ    | Ok     |
| 5   | PSTDICC100    | PSTDICC100    | PD088993.D     | 17 Jun 2025 15:52 |         | AR\AJ    | Ok     |
| 6   | PSTDICC075    | PSTDICC075    | PD088994.D     | 17 Jun 2025 16:06 |         | AR\AJ    | Ok     |
| 7   | PSTDICC050    | PSTDICC050    | PD088995.D     | 17 Jun 2025 16:20 |         | AR\AJ    | Ok     |
| 8   | PSTDICC025    | PSTDICC025    | PD088996.D     | 17 Jun 2025 16:33 |         | AR\AJ    | Ok,M   |
| 9   | PSTDICC005    | PSTDICC005    | PD088997.D     | 17 Jun 2025 16:47 |         | AR\AJ    | Ok,M   |
| 10  | PCHLORICC1000 | PCHLORICC1000 | PD088998.D     | 17 Jun 2025 17:00 |         | AR\AJ    | Ok     |
| 11  | PCHLORICC750  | PCHLORICC750  | PD088999.D     | 17 Jun 2025 17:14 |         | AR\AJ    | Ok     |
| 12  | PCHLORICC500  | PCHLORICC500  | PD089000.D     | 17 Jun 2025 17:28 |         | AR\AJ    | Ok     |
| 13  | PCHLORICC250  | PCHLORICC250  | PD089001.D     | 17 Jun 2025 17:41 |         | AR\AJ    | Ok     |
| 14  | PCHLORICC050  | PCHLORICC050  | PD089002.D     | 17 Jun 2025 17:55 |         | AR\AJ    | Ok     |
| 15  | PTOXICC1000   | PTOXICC1000   | PD089003.D     | 17 Jun 2025 18:09 |         | AR\AJ    | Ok     |
| 16  | PTOXICC750    | PTOXICC750    | PD089004.D     | 17 Jun 2025 18:22 |         | AR\AJ    | Ok     |
| 17  | PTOXICC500    | PTOXICC500    | PD089005.D     | 17 Jun 2025 18:36 |         | AR\AJ    | Ok     |
| 18  | PTOXICC250    | PTOXICC250    | PD089006.D     | 17 Jun 2025 18:50 |         | AR\AJ    | Ok     |

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD061825**

| Review By                | Abdul                                                                                                                                                                               | Review On         | 6/18/2025 8:40:56 AM               |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------|
| Supervise By             | mohammad                                                                                                                                                                            | Supervise On      | 6/19/2025 2:43:55 AM               |
| SubDirectory             | PD061825                                                                                                                                                                            | HP Acquire Method | HP Processing Method pd061825 8081 |
| STD. NAME                | STD REF.#                                                                                                                                                                           |                   |                                    |
| Tune/Reschk              | PP24433,PP24651                                                                                                                                                                     |                   |                                    |
| Initial Calibration Stds | PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,P<br>P24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284 |                   |                                    |
| CCC                      | PP24261,PP24273,PP24279,PP24284                                                                                                                                                     |                   |                                    |
| Internal Standard/PEM    |                                                                                                                                                                                     |                   |                                    |
| ICV/I.BLK                | PP24273,PP24279,PP24284                                                                                                                                                             |                   |                                    |
| Surrogate Standard       |                                                                                                                                                                                     |                   |                                    |
| MS/MSD Standard          |                                                                                                                                                                                     |                   |                                    |
| LCS Standard             |                                                                                                                                                                                     |                   |                                    |

|    |              |                  |            |                   |  |       |      |
|----|--------------|------------------|------------|-------------------|--|-------|------|
| 19 | PTOXICC100   | PTOXICC100       | PD089007.D | 17 Jun 2025 19:03 |  | AR\AJ | Ok,M |
| 20 | PSTDICV050   | ICVPD061825      | PD089008.D | 17 Jun 2025 19:17 |  | AR\AJ | Ok   |
| 21 | PCHLORICV500 | ICVPD061825CHLOR | PD089009.D | 17 Jun 2025 19:31 |  | AR\AJ | Ok   |
| 22 | PTOXICV500   | ICVPD061825TOX   | PD089010.D | 17 Jun 2025 19:44 |  | AR\AJ | Ok   |

M : Manual Integration

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD062625**

|              |          |                   |                                    |
|--------------|----------|-------------------|------------------------------------|
| Review By    | Abdul    | Review On         | 6/27/2025 9:53:31 AM               |
| Supervise By | mohammad | Supervise On      | 6/30/2025 2:19:09 AM               |
| SubDirectory | PD062625 | HP Acquire Method | HP Processing Method pd061825 8081 |

| STD. NAME                | STD REF.#                                                                                                                                                                           |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tune/Reschk              | PP24433,PP24651                                                                                                                                                                     |
| Initial Calibration Stds | PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,P<br>P24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284 |
| CCC                      | PP24261,PP24273,PP24279,PP24284                                                                                                                                                     |
| Internal Standard/PEM    |                                                                                                                                                                                     |
| ICV/I.BLK                | PP24273,PP24279,PP24284                                                                                                                                                             |
| Surrogate Standard       |                                                                                                                                                                                     |
| MS/MSD Standard          |                                                                                                                                                                                     |
| LCS Standard             |                                                                                                                                                                                     |

| Sr# | SampleId   | ClientID           | Data File Name | Date-Time         | Comment                                        | Operator | Status |
|-----|------------|--------------------|----------------|-------------------|------------------------------------------------|----------|--------|
| 1   | HEXANE     | HEXANE             | PD089156.D     | 26 Jun 2025 11:06 |                                                | AR\AJ    | Ok     |
| 2   | I.BLK      | I.BLK              | PD089157.D     | 26 Jun 2025 11:20 |                                                | AR\AJ    | Ok     |
| 3   | PEM        | PEM                | PD089158.D     | 26 Jun 2025 11:33 |                                                | AR\AJ    | Ok,M   |
| 4   | PSTDCCC050 | PSTDCCC050         | PD089159.D     | 26 Jun 2025 11:47 |                                                | AR\AJ    | Ok     |
| 5   | Q2399-01   | TP-13              | PD089160.D     | 26 Jun 2025 12:04 |                                                | AR\AJ    | Ok     |
| 6   | Q2399-05   | EP-7               | PD089161.D     | 26 Jun 2025 12:17 |                                                | AR\AJ    | Ok,M   |
| 7   | Q2403-03   | LAW-25-0093        | PD089162.D     | 26 Jun 2025 12:31 | F Flag in DCB in 1st column                    | AR\AJ    | Not Ok |
| 8   | Q2403-07   | ARS 20-0006        | PD089163.D     | 26 Jun 2025 12:44 |                                                | AR\AJ    | Ok,M   |
| 9   | Q2405-01   | MH-M/H             | PD089164.D     | 26 Jun 2025 12:58 |                                                | AR\AJ    | Ok     |
| 10  | Q2126-01   | LOD-MDL-SOIL-03-QT | PD089165.D     | 26 Jun 2025 13:12 | PEST LOD 1PPB SOIL , U Flag<br>in Methoxychlor | AR\AJ    | Not Ok |
| 11  | PB168623BL | PB168623BL         | PD089166.D     | 26 Jun 2025 13:44 |                                                | AR\AJ    | Ok     |
| 12  | PB168623BS | PB168623BS         | PD089167.D     | 26 Jun 2025 14:59 |                                                | AR\AJ    | Ok     |
| 13  | Q2419-01   | EO-3-6-25-2025     | PD089168.D     | 26 Jun 2025 15:16 |                                                | AR\AJ    | Ok,M   |
| 14  | Q2423-01   | RT915              | PD089169.D     | 26 Jun 2025 15:30 |                                                | AR\AJ    | Ok,M   |
| 15  | Q2423-01RE | RT915RE            | PD089170.D     | 26 Jun 2025 16:11 | Not needed                                     | AR\AJ    | Not Ok |
| 16  | I.BLK      | I.BLK              | PD089171.D     | 26 Jun 2025 16:35 |                                                | AR\AJ    | Ok     |
| 17  | PSTDCCC050 | PSTDCCC050         | PD089172.D     | 26 Jun 2025 17:20 |                                                | AR\AJ    | Ok     |

M : Manual Integration

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD062725**

|                          |                                                                                                                                                                                |                   |                                    |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------|
| Review By                | Abdul                                                                                                                                                                          | Review On         | 6/30/2025 7:57:21 AM               |
| Supervise By             |                                                                                                                                                                                | Supervise On      |                                    |
| SubDirectory             | PD062725                                                                                                                                                                       | HP Acquire Method | HP Processing Method pd061825 8081 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                               |                   |                                    |
| Tune/Reschk              | PP24433,PP24651                                                                                                                                                                |                   |                                    |
| Initial Calibration Stds | PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,P24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284 |                   |                                    |
| CCC                      | PP24261,PP24273,PP24279,PP24284                                                                                                                                                |                   |                                    |
| Internal Standard/PEM    |                                                                                                                                                                                |                   |                                    |
| ICV/I.BLK                | PP24273,PP24279,PP24284                                                                                                                                                        |                   |                                    |
| Surrogate Standard       |                                                                                                                                                                                |                   |                                    |
| MS/MSD Standard          |                                                                                                                                                                                |                   |                                    |
| LCS Standard             |                                                                                                                                                                                |                   |                                    |

| Sr# | SampleID   | ClientID           | Data File Name | Date-Time         | Comment                                            | Operator | Status |
|-----|------------|--------------------|----------------|-------------------|----------------------------------------------------|----------|--------|
| 1   | HEXANE     | HEXANE             | PD089173.D     | 27 Jun 2025 02:44 |                                                    | AR\AJ    | Ok     |
| 2   | I.BLK      | I.BLK              | PD089174.D     | 27 Jun 2025 02:58 |                                                    | AR\AJ    | Ok     |
| 3   | PEM        | PEM                | PD089175.D     | 27 Jun 2025 03:11 |                                                    | AR\AJ    | Ok,NS  |
| 4   | PSTDCCC050 | PSTDCCC050         | PD089176.D     | 27 Jun 2025 03:25 | Comp#7 high in 1st column                          | AR\AJ    | Ok     |
| 5   | Q2413-01   | TP-35              | PD089177.D     | 27 Jun 2025 04:33 |                                                    | AR\AJ    | Ok,NS  |
| 6   | Q2413-02   | TP-34              | PD089178.D     | 27 Jun 2025 04:47 |                                                    | AR\AJ    | Ok,NS  |
| 7   | Q2413-03   | TP-77              | PD089179.D     | 27 Jun 2025 05:01 |                                                    | AR\AJ    | Ok,NS  |
| 8   | Q2413-04   | TP-74              | PD089180.D     | 27 Jun 2025 05:14 |                                                    | AR\AJ    | Ok,NS  |
| 9   | Q2126-01   | LOD-MDL-SOIL-03-QT | PD089181.D     | 27 Jun 2025 10:47 | Comp#7 high in 1st column , U flag in Methoxychlor | AR\AJ    | Not Ok |
| 10  | Q2403-03   | LAW-25-0093        | PD089182.D     | 27 Jun 2025 11:00 | F Flag in DCB in 1st column                        | AR\AJ    | Not Ok |
| 11  | Q2413-05   | TP-73              | PD089183.D     | 27 Jun 2025 11:14 |                                                    | AR\AJ    | Ok,NS  |
| 12  | Q2413-06   | TP-72              | PD089184.D     | 27 Jun 2025 11:28 |                                                    | AR\AJ    | Ok     |
| 13  | Q2414-01   | WC-1               | PD089185.D     | 27 Jun 2025 11:41 |                                                    | AR\AJ    | Ok,NS  |
| 14  | Q2415-01   | WC-1               | PD089186.D     | 27 Jun 2025 11:55 |                                                    | AR\AJ    | Ok,NS  |
| 15  | I.BLK      | I.BLK              | PD089187.D     | 27 Jun 2025 12:09 |                                                    | AR\AJ    | Ok     |
| 16  | PSTDCCC050 | PSTDCCC050         | PD089188.D     | 27 Jun 2025 12:53 |                                                    | AR\AJ    | Ok     |

M : Manual Integration

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD062825**

|                          |                                                                                                                                                                                     |                   |                                    |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------|
| Review By                | Abdul                                                                                                                                                                               | Review On         | 6/30/2025 7:55:28 AM               |
| Supervise By             |                                                                                                                                                                                     | Supervise On      |                                    |
| SubDirectory             | PD062825                                                                                                                                                                            | HP Acquire Method | HP Processing Method pd061825 8081 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                    |                   |                                    |
| Tune/Reschk              | PP24433,PP24651                                                                                                                                                                     |                   |                                    |
| Initial Calibration Stds | PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,P<br>P24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284 |                   |                                    |
| CCC                      | PP24261,PP24273,PP24279,PP24284                                                                                                                                                     |                   |                                    |
| Internal Standard/PEM    |                                                                                                                                                                                     |                   |                                    |
| ICV/I.BLK                | PP24273,PP24279,PP24284                                                                                                                                                             |                   |                                    |
| Surrogate Standard       |                                                                                                                                                                                     |                   |                                    |
| MS/MSD Standard          |                                                                                                                                                                                     |                   |                                    |
| LCS Standard             |                                                                                                                                                                                     |                   |                                    |

| Sr# | SampleId    | ClientID       | Data File Name | Date-Time         | Comment                       | Operator | Status |
|-----|-------------|----------------|----------------|-------------------|-------------------------------|----------|--------|
| 1   | HEXANE      | HEXANE         | PD089189.D     | 27 Jun 2025 18:05 |                               | AR\AJ    | Ok     |
| 2   | I.BLK       | I.BLK          | PD089190.D     | 27 Jun 2025 18:19 |                               | AR\AJ    | Ok     |
| 3   | PEM         | PEM            | PD089191.D     | 27 Jun 2025 18:32 |                               | AR\AJ    | Ok,NS  |
| 4   | PSTDCCC050  | PSTDCCC050     | PD089192.D     | 27 Jun 2025 18:46 |                               | AR\AJ    | Ok     |
| 5   | Q2416-01    | MH-G/H         | PD089193.D     | 27 Jun 2025 19:13 |                               | AR\AJ    | Ok     |
| 6   | Q2420-01    | 72-11933       | PD089194.D     | 27 Jun 2025 19:27 | DCB High in 1st column        | AR\AJ    | Ok,NS  |
| 7   | Q2425-01    | COMP-1         | PD089195.D     | 27 Jun 2025 19:41 |                               | AR\AJ    | Ok,NS  |
| 8   | Q2425-02    | COMP-2         | PD089196.D     | 27 Jun 2025 19:54 |                               | AR\AJ    | Ok,NS  |
| 9   | Q2425-03    | COMP-3         | PD089197.D     | 27 Jun 2025 20:08 |                               | AR\AJ    | Ok     |
| 10  | Q2425-03MS  | COMP-3MS       | PD089198.D     | 27 Jun 2025 20:22 | Endrin aldehyde recovery fail | AR\AJ    | Ok,NS  |
| 11  | Q2425-03MSD | COMP-3MSD      | PD089199.D     | 27 Jun 2025 20:35 | Methoxychlor recovery fail    | AR\AJ    | Ok,NS  |
| 12  | Q2418-01    | VAC-TRUCK-4074 | PD089200.D     | 27 Jun 2025 20:49 |                               | AR\AJ    | Ok,NS  |
| 13  | I.BLK       | I.BLK          | PD089201.D     | 27 Jun 2025 21:03 |                               | AR\AJ    | Ok     |
| 14  | PSTDCCC050  | PSTDCCC050     | PD089202.D     | 27 Jun 2025 21:16 |                               | AR\AJ    | Ok     |
| 15  | PB168641BL  | PB168641BL     | PD089203.D     | 27 Jun 2025 21:44 |                               | AR\AJ    | Ok     |
| 16  | PB168641BS  | PB168641BS     | PD089204.D     | 27 Jun 2025 21:57 | Comp#17,20 recovery fail      | AR\AJ    | Not Ok |
| 17  | PB168641BSD | PB168641BSD    | PD089205.D     | 27 Jun 2025 22:11 | Comp#17,20 recovery fail      | AR\AJ    | Not Ok |
| 18  | PB168637BL  | PB168637BL     | PD089206.D     | 27 Jun 2025 22:25 |                               | AR\AJ    | Ok     |

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD062825**

|                          |                                                                                                                                                                                     |                   |                                    |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------|
| Review By                | Abdul                                                                                                                                                                               | Review On         | 6/30/2025 7:55:28 AM               |
| Supervise By             |                                                                                                                                                                                     | Supervise On      |                                    |
| SubDirectory             | PD062825                                                                                                                                                                            | HP Acquire Method | HP Processing Method pd061825 8081 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                                                                    |                   |                                    |
| Tune/Reschk              | PP24433,PP24651                                                                                                                                                                     |                   |                                    |
| Initial Calibration Stds | PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,P<br>P24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284 |                   |                                    |
| CCC                      | PP24261,PP24273,PP24279,PP24284                                                                                                                                                     |                   |                                    |
| Internal Standard/PEM    |                                                                                                                                                                                     |                   |                                    |
| ICV/I.BLK                | PP24273,PP24279,PP24284                                                                                                                                                             |                   |                                    |
| Surrogate Standard       |                                                                                                                                                                                     |                   |                                    |
| MS/MSD Standard          |                                                                                                                                                                                     |                   |                                    |
| LCS Standard             |                                                                                                                                                                                     |                   |                                    |

|    |             |            |            |                   |                       |       |        |
|----|-------------|------------|------------|-------------------|-----------------------|-------|--------|
| 19 | PB168637BS  | PB168637BS | PD089207.D | 27 Jun 2025 22:38 | 4,4-DDT recovery fail | AR\AJ | Not Ok |
| 20 | Q2429-01    | TP-4       | PD089208.D | 27 Jun 2025 22:52 |                       | AR\AJ | Ok     |
| 21 | Q2430-01    | MH-E/F     | PD089209.D | 27 Jun 2025 23:06 |                       | AR\AJ | Ok     |
| 22 | Q2430-01MS  | MH-E/FMS   | PD089210.D | 27 Jun 2025 23:19 |                       | AR\AJ | Ok,NS  |
| 23 | Q2430-01MSD | MH-E/FMSD  | PD089211.D | 27 Jun 2025 23:33 |                       | AR\AJ | Ok,NS  |
| 24 | I.BLK       | I.BLK      | PD089212.D | 27 Jun 2025 23:47 |                       | AR\AJ | Ok     |
| 25 | PEM         | PEM        | PD089213.D | 28 Jun 2025 00:00 |                       | AR\AJ | Ok,NS  |
| 26 | PSTDCCC050  | PSTDCCC050 | PD089214.D | 28 Jun 2025 00:14 |                       | AR\AJ | Ok,NS  |
| 27 | Q2436-01    | TP-70      | PD089215.D | 28 Jun 2025 00:41 |                       | AR\AJ | Ok     |
| 28 | Q2436-02    | TP-69      | PD089216.D | 28 Jun 2025 00:55 |                       | AR\AJ | Ok     |
| 29 | Q2436-03    | TP-85      | PD089217.D | 28 Jun 2025 01:09 |                       | AR\AJ | Ok     |
| 30 | Q2436-04    | TP-86      | PD089218.D | 28 Jun 2025 01:22 |                       | AR\AJ | Ok     |
| 31 | Q2436-05    | TP-84      | PD089219.D | 28 Jun 2025 01:36 |                       | AR\AJ | Ok,NS  |
| 32 | Q2436-06    | TP-83      | PD089220.D | 28 Jun 2025 01:50 |                       | AR\AJ | Ok     |
| 33 | Q2436-07    | TP-87      | PD089221.D | 28 Jun 2025 02:03 |                       | AR\AJ | Ok     |
| 34 | Q2436-08    | TP-100     | PD089222.D | 28 Jun 2025 02:17 |                       | AR\AJ | Ok,NS  |
| 35 | Q2436-09    | TP-99      | PD089223.D | 28 Jun 2025 02:31 |                       | AR\AJ | Ok,NS  |
| 36 | Q2436-10    | TP-82      | PD089224.D | 28 Jun 2025 02:44 |                       | AR\AJ | Ok,NS  |
| 37 | I.BLK       | I.BLK      | PD089225.D | 28 Jun 2025 02:58 |                       | AR\AJ | Ok     |

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD062825**

|              |          |                   |                                    |
|--------------|----------|-------------------|------------------------------------|
| Review By    | Abdul    | Review On         | 6/30/2025 7:55:28 AM               |
| Supervise By |          | Supervise On      |                                    |
| SubDirectory | PD062825 | HP Acquire Method | HP Processing Method pd061825 8081 |

| STD. NAME                | STD REF.#                                                                                                                                                                           |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tune/Reschk              | PP24433,PP24651                                                                                                                                                                     |
| Initial Calibration Stds | PP24260,PP24261,PP24262,PP24269,PP24266,PP24267,PP24268,PP24269,PP24270,PP24271,PP24272,PP24273,PP24274,PP24275,PP24277,P<br>P24278,PP24279,PP24280,PP24281,PP24282,PP24283,PP24284 |
| CCC                      | PP24261,PP24273,PP24279,PP24284                                                                                                                                                     |
| Internal Standard/PEM    |                                                                                                                                                                                     |
| ICV/I.BLK                | PP24273,PP24279,PP24284                                                                                                                                                             |
| Surrogate Standard       |                                                                                                                                                                                     |
| MS/MSD Standard          |                                                                                                                                                                                     |
| LCS Standard             |                                                                                                                                                                                     |

|    |            |            |            |                   |                           |       |    |
|----|------------|------------|------------|-------------------|---------------------------|-------|----|
| 38 | PSTDCCC050 | PSTDCCC050 | PD089226.D | 28 Jun 2025 03:12 | Comp#7 high in 1st column | AR/AJ | Ok |
|----|------------|------------|------------|-------------------|---------------------------|-------|----|

M : Manual Integration

# PERCENT SOLID

Supervisor: Iwona  
Analyst: jignesh  
Date: 6/26/2025

OVENTEMP IN Celsius(°C): 108  
Time IN: 17:10  
In Date: 06/25/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103  
Time OUT: 08:14  
Out Date: 06/26/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
BalanceID: M SC-4  
Thermometer ID: % SOLID- OVEN

QC:LB136262

| 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    |
|----------|-------------------|--------|----------------|--------------|-------------------------|---------------------------|---------|-------------|
| Q2413-01 | TP-35             | 1      | 1.18           | 10.41        | 11.59                   | 10.42                     | 88.8    |             |
| Q2413-02 | TP-34             | 2      | 1.13           | 10.60        | 11.73                   | 10.88                     | 92.0    |             |
| Q2413-03 | TP-77             | 3      | 1.15           | 10.65        | 11.8                    | 10.88                     | 91.4    |             |
| Q2413-04 | TP-74             | 4      | 1.15           | 10.83        | 11.98                   | 10.84                     | 89.5    |             |
| Q2413-05 | TP-73             | 5      | 1.13           | 10.86        | 11.99                   | 9.5                       | 77.1    |             |
| Q2413-06 | TP-72             | 6      | 1.16           | 10.74        | 11.9                    | 10.5                      | 87.0    |             |
| Q2414-01 | WC-1              | 7      | 1.19           | 10.50        | 11.69                   | 10.58                     | 89.4    |             |
| Q2414-02 | WC-1-EPH          | 8      | 1.17           | 10.08        | 11.25                   | 10.22                     | 89.8    |             |
| Q2414-03 | WC-1-VOC          | 9      | 1.15           | 10.83        | 11.98                   | 10.97                     | 90.7    |             |
| Q2414-04 | WC-1              | 10     | 1.19           | 10.50        | 11.69                   | 10.58                     | 89.4    |             |
| Q2415-01 | WC-1              | 11     | 1.19           | 10.63        | 11.82                   | 10.72                     | 89.7    |             |
| Q2415-02 | WC-1-EPH          | 12     | 1.15           | 10.00        | 11.15                   | 10.12                     | 89.7    |             |
| Q2415-03 | WC-1-VOC          | 13     | 1.19           | 10.27        | 11.46                   | 10.4                      | 89.7    |             |
| Q2416-01 | MH-G/H            | 14     | 1.15           | 10.86        | 12.01                   | 10.89                     | 89.7    |             |
| Q2416-02 | MH-G/H-EPH        | 15     | 1.14           | 10.41        | 11.55                   | 10.52                     | 90.1    |             |
| Q2416-03 | MH-G/H-VOC        | 16     | 1.12           | 10.57        | 11.69                   | 10.8                      | 91.6    |             |
| Q2416-04 | MH-G/H            | 17     | 1.15           | 10.86        | 12.01                   | 10.89                     | 89.7    |             |
| Q2419-01 | EO-03-06252025    | 26     | 1.17           | 10.53        | 11.7                    | 10.97                     | 93.1    |             |
| Q2419-02 | EO-03-06252025-E2 | 27     | 1.13           | 10.23        | 11.36                   | 10.36                     | 90.2    |             |
| Q2420-01 | 72-11933          | 18     | 1.18           | 10.49        | 11.67                   | 11.03                     | 93.9    |             |
| Q2421-01 | 62325             | 19     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | wipe sample |
| Q2421-02 | 624-A             | 20     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | wipe sample |
| Q2421-03 | 624-B             | 21     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | wipe sample |
| Q2421-04 | 624-C             | 22     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | wipe sample |
| Q2421-05 | 624-D             | 23     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | wipe sample |
| Q2421-06 | 62325-A           | 24     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | wipe sample |
| Q2422-01 | 60263             | 25     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | oil sample  |
| Q2423-01 | RT915             | 28     | 1.19           | 10.63        | 11.82                   | 10.88                     | 91.2    |             |



PERCENT SOLID

Supervisor: Iwona  
Analyst: jignesh  
Date: 6/26/2025

OVENTEMP IN Celsius(°C): 108  
Time IN: 17:10  
In Date: 06/25/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103  
Time OUT: 08:14  
Out Date: 06/26/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
BalanceID: M SC-4  
Thermometer ID: % SOLID- OVEN

QC:LB136262

| 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 |
|----------|-----------------|--------|-----------------|---------------|--------------------------|----------------------------|---------|----------|
| Q2423-02 | RT915           | 29     | 1.14            | 10.45         | 11.59                    | 10.84                      | 92.8    |          |
| Q2425-01 | COMP-1          | 30     | 1.19            | 10.38         | 11.57                    | 9.17                       | 76.9    |          |
| Q2425-02 | COMP-2          | 31     | 1.15            | 10.37         | 11.52                    | 9.41                       | 79.7    |          |
| Q2425-03 | COMP-3          | 32     | 1.12            | 10.71         | 11.83                    | 9.97                       | 82.6    |          |

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

# WORKLIST(Hardcopy Internal Chain)

136262

WorkList Name : %1-062525

WorkList ID : 190366

Department : Wet-Chemistry

Date : 06-25-2025 08:11:19

| Sample   | Customer Sample   | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|-------------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q2413-01 | TP-35             | Solid  | Percent Solids | Cool 4 deg C | CAMP02   | D41                         | 06/24/2025   | Chemtech -SO |
| Q2413-02 | TP-34             | Solid  | Percent Solids | Cool 4 deg C | CAMP02   | D41                         | 06/24/2025   | Chemtech -SO |
| Q2413-03 | TP-77             | Solid  | Percent Solids | Cool 4 deg C | CAMP02   | D41                         | 06/24/2025   | Chemtech -SO |
| Q2413-04 | TP-74             | Solid  | Percent Solids | Cool 4 deg C | CAMP02   | D41                         | 06/24/2025   | Chemtech -SO |
| Q2413-05 | TP-73             | Solid  | Percent Solids | Cool 4 deg C | CAMP02   | D41                         | 06/24/2025   | Chemtech -SO |
| Q2413-06 | TP-72             | Solid  | Percent Solids | Cool 4 deg C | CAMP02   | D41                         | 06/24/2025   | Chemtech -SO |
| Q2414-01 | WC-1              | Solid  | Percent Solids | Cool 4 deg C | CAMP02   | D41                         | 06/24/2025   | Chemtech -SO |
| Q2414-02 | WC-1-EPH          | Solid  | Percent Solids | Cool 4 deg C | PSEG01   |                             | 06/25/2025   | Chemtech -SO |
| Q2414-03 | WC-1-VOC          | Solid  | Percent Solids | Cool 4 deg C | PSEG01   | A33                         | 06/25/2025   | Chemtech -SO |
| Q2414-04 | WC-1              | Solid  | Percent Solids | Cool 4 deg C | PSEG01   | A33                         | 06/25/2025   | Chemtech -SO |
| Q2415-01 | WC-1              | Solid  | Percent Solids | Cool 4 deg C | PSEG01   |                             | 06/25/2025   | Chemtech -SO |
| Q2415-02 | WC-1-EPH          | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | A11                         | 06/24/2025   | Chemtech -SO |
| Q2415-03 | WC-1-VOC          | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | A11                         | 06/24/2025   | Chemtech -SO |
| Q2416-01 | MH-G/H            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | A11                         | 06/24/2025   | Chemtech -SO |
| Q2416-02 | MH-G/H-EPH        | Solid  | Percent Solids | Cool 4 deg C | PSEG03   |                             | 06/25/2025   | Chemtech -SO |
| Q2416-03 | MH-G/H-VOC        | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | A42                         | 06/25/2025   | Chemtech -SO |
| Q2416-04 | MH-G/H            | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | A42                         | 06/25/2025   | Chemtech -SO |
| Q2419-01 | EO-03-06252025    | Solid  | Percent Solids | Cool 4 deg C | PSEG03   |                             | 06/25/2025   | Chemtech -SO |
| Q2419-02 | EO-03-06252025-E2 | Solid  | Percent Solids | Cool 4 deg C | PSEG05   | D51                         | 06/25/2025   | Chemtech -SO |
| Q2420-01 | 72-11933          | Solid  | Percent Solids | Cool 4 deg C | PSEG05   | D51                         | 06/25/2025   | Chemtech -SO |
| Q2421-01 | 62325             | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D41                         | 06/25/2025   | Chemtech -SO |
|          |                   |        |                |              | PSEG03   | D51                         | 06/25/2025   | Chemtech -SO |

Date/Time 06/25/25 15:10  
 Raw Sample Received by: spwc  
 Raw Sample Relinquished by: CP SM  
 Date/Time 06/25/25 17:20  
 Raw Sample Received by: CP SM  
 Raw Sample Relinquished by: spwc

# WORKLIST(Hardcopy Internal Chain)

136262

WorkList Name : %1-062525

WorkList ID : 190366

Department : Wet-Chemistry

Date : 06-25-2025 08:11:19

| Sample   | Customer Sample | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|-----------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q2421-02 | 624-A           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D51                         | 06/25/2025   | Chemtech -SO |
| Q2421-03 | 624-B           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D51                         | 06/25/2025   | Chemtech -SO |
| Q2421-04 | 624-C           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D51                         | 06/25/2025   | Chemtech -SO |
| Q2421-05 | 624-D           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D51                         | 06/25/2025   | Chemtech -SO |
| Q2421-06 | 62325-A         | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D51                         | 06/25/2025   | Chemtech -SO |
| Q2422-01 | 60263           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D51                         | 06/25/2025   | Chemtech -SO |
| Q2423-01 | RT915           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D51                         | 06/25/2025   | Chemtech -SO |
| Q2423-02 | RT915           | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D51                         | 06/25/2025   | Chemtech -SO |
| Q2425-01 | COMP-1          | Solid  | Percent Solids | Cool 4 deg C | POWE02   | D51                         | 06/25/2025   | Chemtech -SO |
| Q2425-02 | COMP-2          | Solid  | Percent Solids | Cool 4 deg C | POWE02   | D51                         | 06/24/2025   | Chemtech -SO |
| Q2425-03 | COMP-3          | Solid  | Percent Solids | Cool 4 deg C | POWE02   | D51                         | 06/24/2025   | Chemtech -SO |

Date/Time 06/25/25 15:10

Raw Sample Received by: sf wocj

Raw Sample Relinquished by: cp sm

Date/Time 06/25/25

Raw Sample Received by: cp sm

Raw Sample Relinquished by: sf wocj

SOP ID: M3541-ASE Extraction-14

Clean Up SOP #: Florisil

Extraction Start Date : 06/26/2025

Matrix : Solid

Extraction Start Time : 08:20

Weigh By: EH

Extraction By: RJ

Extraction End Date : 06/26/2025

Balance check: RJ

Filter By: RJ

Extraction End Time : 11:30

Balance ID: EX-SC-2

pH Meter ID: N/A

Concentration By: EH

pH Strip Lot#: N/A

Hood ID: 3,7

Supervisor By : RUPESH

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

| Standard Name | MLS USED | Concentration ug/mL | STD REF. # FROM LOG |
|---------------|----------|---------------------|---------------------|
| Spike Sol 1   | 1.0ML    | 500 PPB             | PP24627             |
| Surrogate     | 1.0ML    | 200 PPB             | PP24663             |
| 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            | EP2622     |
| Sand                       | N/A            | E2865      |
| Hexane                     | N/A            | E3945      |
| Florisil                   | N/A            | E3927      |
| 9:1 Hexane:Acetone Mixture | N/A            | EP2596     |
| 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.

KD Bath ID: N/A

Envap ID: NE VAP-02

KD Bath Temperature: N/A

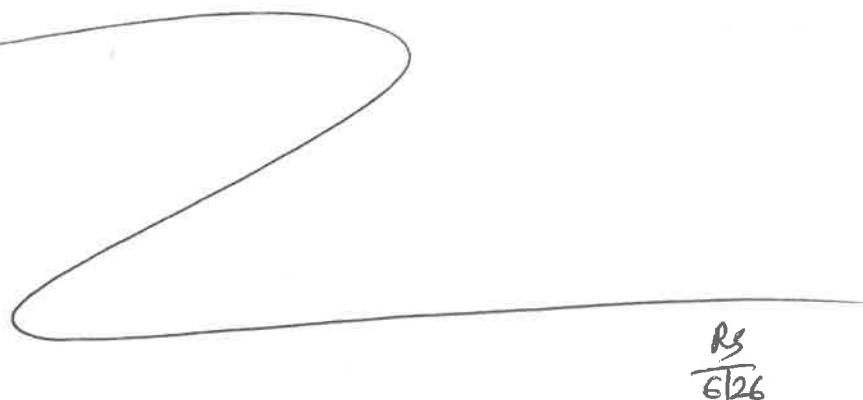
Envap Temperature: 40 °C

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|-------------|-----------------------------------------|----------------------|
| 6/26/25     | RS (Ext Lab)                            | RS (Ext Lab)         |
| 11:35       | Preparation Group                       | Analysis Group       |

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 06/26/2025

| Sample ID       | Client Sample ID | Test                | g/mL  | PH  | Surr/Spike By: |            | Final Vol.<br>(mL) | JarID | Comments | Prep<br>Pos |
|-----------------|------------------|---------------------|-------|-----|----------------|------------|--------------------|-------|----------|-------------|
|                 |                  |                     |       |     | AddedBy        | VerifiedBy |                    |       |          |             |
| PB168623BL      | PBLK623          | Pesticide-TCL       | 30.02 | N/A | ritesh         | Evelyn     | 10                 |       |          | U2-1        |
| PB168623BS      | PLCS623          | Pesticide-TCL       | 30.03 | N/A | ritesh         | Evelyn     | 10                 |       |          | 2           |
| Q2413-01        | TP-35            | Pesticide-TCL       | 30.01 | N/A | ritesh         | Evelyn     | 10                 | E     |          | 3           |
| Q2413-02        | TP-34            | Pesticide-TCL       | 30.06 | N/A | ritesh         | Evelyn     | 10                 | E     |          | 4           |
| Q2413-03        | TP-77            | Pesticide-TCL       | 30.04 | N/A | ritesh         | Evelyn     | 10                 | E     |          | 5           |
| Q2413-04        | TP-74            | Pesticide-TCL       | 30.07 | N/A | ritesh         | Evelyn     | 10                 | E     |          | 6           |
| Q2413-05        | TP-73            | Pesticide-TCL       | 30.03 | N/A | ritesh         | Evelyn     | 10                 | E     |          | U3-1        |
| Q2413-06        | TP-72            | Pesticide-TCL       | 30.06 | N/A | ritesh         | Evelyn     | 10                 | E     |          | 2           |
| Q2414-01        | WC-1             | Pesticide-TCL       | 30.08 | N/A | ritesh         | Evelyn     | 10                 | E     |          | 3           |
| Q2415-01        | WC-1             | Pesticide-TCL       | 30.05 | N/A | ritesh         | Evelyn     | 10                 | A     |          | 4           |
| Q2416-01        | MH-G/H           | Pesticide-TCL       | 30.03 | N/A | ritesh         | Evelyn     | 10                 | E     |          | 5           |
| Q2419-01        | EO-03-06252025   | Pesticide-TCL       | 30.01 | N/A | ritesh         | Evelyn     | 10                 | E     |          | 6           |
| Q2420-01        | 72-11933         | Pesticide-TCL       | 30.09 | N/A | ritesh         | Evelyn     | 10                 | E     |          | U6-1        |
| Q2423-01        | RT915            | Pesticide-TCL       | 30.02 | N/A | ritesh         | Evelyn     | 10                 | E     |          | 2           |
| Q2425-01        | COMP-1           | PESTICIDE<br>Group1 | 30.01 | N/A | ritesh         | Evelyn     | 10                 | E     |          | 3           |
| Q2425-02        | COMP-2           | PESTICIDE<br>Group1 | 30.04 | N/A | ritesh         | Evelyn     | 10                 | E     |          | 4           |
| Q2425-03        | COMP-3           | PESTICIDE<br>Group1 | 30.07 | N/A | ritesh         | Evelyn     | 10                 | E     |          | 5           |
| Q2425-03MS      | COMP-3MS         | PESTICIDE<br>Group1 | 30.08 | N/A | ritesh         | Evelyn     | 10                 | E     |          | 6           |
| Q2425-03MS<br>D | COMP-3MSD        | PESTICIDE<br>Group1 | 30.03 | N/A | ritesh         | Evelyn     | 10                 | E     |          | U1-1        |



168623  
8:28

# WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2413      WorkList ID : 190399      Department : Extraction      Date : 06-26-2025 08:15:51

| Sample   | Customer Sample | Matrix | Test             | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|----------|-----------------|--------|------------------|--------------|----------|-----------------------------|--------------|--------|
| Q2413-01 | TP-35           | Solid  | Pesticide-TCL    | Cool 4 deg C | CAMP02   | D41                         | 06/24/2025   | 8081B  |
| Q2413-02 | TP-34           | Solid  | Pesticide-TCL    | Cool 4 deg C | CAMP02   | D41                         | 06/24/2025   | 8081B  |
| Q2413-03 | TP-77           | Solid  | Pesticide-TCL    | Cool 4 deg C | CAMP02   | D41                         | 06/24/2025   | 8081B  |
| Q2413-04 | TP-74           | Solid  | Pesticide-TCL    | Cool 4 deg C | CAMP02   | D41                         | 06/24/2025   | 8081B  |
| Q2413-05 | TP-73           | Solid  | Pesticide-TCL    | Cool 4 deg C | CAMP02   | D41                         | 06/24/2025   | 8081B  |
| Q2413-06 | TP-72           | Solid  | Pesticide-TCL    | Cool 4 deg C | CAMP02   | D41                         | 06/24/2025   | 8081B  |
| Q2414-01 | WC-1            | Solid  | Pesticide-TCL    | Cool 4 deg C | PSEG01   | A33                         | 06/25/2025   | 8081B  |
| Q2415-01 | WC-1            | Solid  | Pesticide-TCL    | Cool 4 deg C | PSEG03   |                             | 06/24/2025   | 8081B  |
| Q2416-01 | MH-G/H          | Solid  | Pesticide-TCL    | Cool 4 deg C | PSEG03   | A42                         | 06/25/2025   | 8081B  |
| Q2419-01 | EO-03-06252025  | Solid  | Pesticide-TCL    | Cool 4 deg C | PSEG05   | D51                         | 06/25/2025   | 8081B  |
| Q2420-01 | 72-11933        | Solid  | Pesticide-TCL    | Cool 4 deg C | PSEG03   | D41                         | 06/25/2025   | 8081B  |
| Q2423-01 | RT915           | Solid  | Pesticide-TCL    | Cool 4 deg C | PSEG03   | D51                         | 06/25/2025   | 8081B  |
| Q2425-01 | COMP-1          | Solid  | PESTICIDE Group1 | Cool 4 deg C | POWE02   | D51                         | 06/24/2025   | 8081B  |
| Q2425-02 | COMP-2          | Solid  | PESTICIDE Group1 | Cool 4 deg C | POWE02   | D51                         | 06/24/2025   | 8081B  |
| Q2425-03 | COMP-3          | Solid  | PESTICIDE Group1 | Cool 4 deg C | POWE02   | D51                         | 06/24/2025   | 8081B  |

Date/Time 06/26/25 8:15  
Raw Sample Received by: R3 9/24/2025  
Raw Sample Relinquished by: JAS

Date/Time 06/26/25 8:45  
Raw Sample Received by: JAS  
Raw Sample Relinquished by: R3 9/24/2025



# SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:  
COMPANY: CDM SMITH  
ADDRESS: 110 FIELDCREST AVE #8 6TH FLOOR  
CITY EDISON STATE: NJ ZIP: 08837  
ATTENTION: MARCIE ENCINAS  
PHONE: 7325904679 FAX: 7322257851

CLIENT PROJECT INFORMATION

PROJECT NAME: SOUTH RIVER WM REPLACEMENT  
PROJECT NO.: 302781 LOCATION: SOUTH RIVER NJ  
PROJECT MANAGER: MARCIE ENCINAS  
e-mail: ENCINASMA@CDMSMITH.COM  
PHONE: 7325904679 FAX: 7322257851

CLIENT BILLING INFORMATION

BILL TO: CDM SMITH PO#: 110 FIELDCREST AVE #8 6TH FLOOR  
ADDRESS: 110 FIELDCREST AVE #8 6TH FLOOR  
CITY EDISON STATE: NJ ZIP: 08837  
ATTENTION: MARCIE ENCINAS PHONE: 7325904679

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) \_\_\_\_\_ DAYS\*  
HARDCOPY (DATA PACKAGE): \_\_\_\_\_ DAYS\*  
EDD: \_\_\_\_\_ DAYS\*  
\*TO BE APPROVED BY CHEMTECH  
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)  
☒ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP  
☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B  
+ Raw Data ☐ Other \_\_\_\_\_  
☐ EDD FORMAT

1. TCL VOL 2. TCL VOL 3. TAL METALS 4. PCB 5. PESTICIDES 6. HERBICIDES 7. DRUGS 8. 9.

PRESERVATIVES

COMMENTS

| ALLIANCE<br>SAMPLE<br>ID | PROJECT<br>SAMPLE IDENTIFICATION | SAMPLE<br>MATRIX | SAMPLE<br>TYPE |      | SAMPLE<br>COLLECTION |      | # OF BOTTLES |   |   |   |   |   |   |   |   |   | ← Specify Preservatives<br>A-HCl D-NaOH<br>B-HNO3 E-ICE<br>C-H2SO4 F-OTHER |
|--------------------------|----------------------------------|------------------|----------------|------|----------------------|------|--------------|---|---|---|---|---|---|---|---|---|----------------------------------------------------------------------------|
|                          |                                  |                  | COMP           | GRAB | DATE                 | TIME |              | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |                                                                            |
| 1.                       | TP-35                            | S                |                | X    | 6/23/25              | 0820 | 6            | X | X | X | X | X | X | X |   |   | E                                                                          |
| 2.                       | TP-34                            | S                |                | X    | 6/23/25              | 0905 | 6            | X | X | X | X | X | X | X |   |   | E                                                                          |
| 3.                       | TP-77                            | S                |                | X    | 6/23/25              | 1015 | 6            | X | X | X | X | X | X | X |   |   | F                                                                          |
| 4.                       | TP-74                            | S                |                | X    | 6/23/25              | 1115 | 6            | X | X | X | X | X | X | X |   |   | E                                                                          |
| 5.                       | TP-73                            | S                |                | X    | 6/23/25              | 1250 | 6            | X | X | X | X | X | X | X |   |   | E                                                                          |
| 6.                       | TP-72                            | S                |                | X    | 6/24/25              | 0805 | 6            | X | X | X | X | X | X | X |   |   | E                                                                          |
| 7.                       |                                  |                  |                |      |                      |      |              |   |   |   |   |   |   |   |   |   | E                                                                          |
| 8.                       |                                  |                  |                |      |                      |      |              |   |   |   |   |   |   |   |   |   |                                                                            |
| 9.                       |                                  |                  |                |      |                      |      |              |   |   |   |   |   |   |   |   |   |                                                                            |
| 10.                      |                                  |                  |                |      |                      |      |              |   |   |   |   |   |   |   |   |   |                                                                            |

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

|                                                   |                                   |                                                        |                                                                                                                                                                          |
|---------------------------------------------------|-----------------------------------|--------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RELINQUISHED BY SAMPLER:<br>1. <u>[Signature]</u> | DATE/TIME:<br><u>6/24/25 1500</u> | RECEIVED BY:<br><u>[Signature]</u> <u>6-24-25 1500</u> | Conditions of bottles or coolers at receipt: <input type="checkbox"/> COMPLIANT <input type="checkbox"/> NON COMPLIANT <input type="checkbox"/> COOLER TEMP <u>31</u> °C |
| RELINQUISHED BY SAMPLER:<br>2. <u>[Signature]</u> | DATE/TIME:<br><u>6-24-25</u>      | RECEIVED BY:<br><u>[Signature]</u>                     | Comments: _____                                                                                                                                                          |
| RELINQUISHED BY SAMPLER:<br>3. <u>[Signature]</u> | DATE/TIME:<br><u>6-24-25</u>      | RECEIVED BY:<br><u>[Signature]</u>                     | Page _____ of CLIENT: <input type="checkbox"/> Hand Delivered <input type="checkbox"/> Other Shipment Complete <input type="checkbox"/> YES <input type="checkbox"/> NO  |

### Laboratory Certification

| Certified By         | License No.      |
|----------------------|------------------|
|                      |                  |
| CAS EPA CLP Contract | 68HERH20D0011    |
|                      |                  |
| Connecticut          | PH-0830          |
|                      |                  |
| DOD ELAP (ANAB)      | L2219            |
|                      |                  |
| Maine                | 2024021          |
|                      |                  |
| Maryland             | 296              |
|                      |                  |
| New Hampshire        | 255424 Rev 1     |
|                      |                  |
| New Jersey           | 20012            |
|                      |                  |
| New York             | 11376            |
|                      |                  |
| Pennsylvania         | 68-00548         |
|                      |                  |
| Soil Permit          | 525-24-234-08441 |
|                      |                  |
| Texas                | T104704488       |

## LOGIN REPORT/SAMPLE TRANSFER

**Order ID :** Q2413 CAMP02

**Order Date :** 6/24/2025 3:05:00 PM

**Project Mgr :**

**Client Name :** CDM Smith

**Project Name :** South River WM Replacem

**Report Type :** Level 2<sup>nd</sup>

**Client Contact :** Marcie Ann Encinas

**Receive DateTime :** 6/24/2025 12:00:00 AM

**EDD Type :** EXCEL NOCLEANUP

**Invoice Name :** CDM Smith

**Purchase Order :**

**Hard Copy Date :**

**Invoice Contact :** Marcie Ann Encinas

**Date Signoff :**

| LAB ID   | CLIENT ID | MATRIX | SAMPLE DATE | SAMPLE TIME | TEST                    | TEST GROUP | METHOD | FAX DATE     | DUE DATES |
|----------|-----------|--------|-------------|-------------|-------------------------|------------|--------|--------------|-----------|
| Q2413-01 | TP-35     | Solid  | 06/24/2025  | 08:20       |                         |            |        |              |           |
|          |           |        |             |             | Gasoline Range Organics |            | 8015D  | 10 Bus. Days |           |
| Q2413-02 | TP-34     | Solid  | 06/24/2025  | 09:05       |                         |            |        |              |           |
|          |           |        |             |             | Gasoline Range Organics |            | 8015D  | 10 Bus. Days |           |
| Q2413-03 | TP-77     | Solid  | 06/24/2025  | 10:15       |                         |            |        |              |           |
|          |           |        |             |             | Gasoline Range Organics |            | 8015D  | 10 Bus. Days |           |
| Q2413-04 | TP-74     | Solid  | 06/24/2025  | 11:15       |                         |            |        |              |           |
|          |           |        |             |             | Gasoline Range Organics |            | 8015D  | 10 Bus. Days |           |
| Q2413-05 | TP-73     | Solid  | 06/24/2025  | 12:50       |                         |            |        |              |           |
|          |           |        |             |             | Gasoline Range Organics |            | 8015D  | 10 Bus. Days |           |
| Q2413-06 | TP-72     | Solid  | 06/24/2025  | 08:05       |                         |            |        |              |           |
|          |           |        |             |             | Gasoline Range Organics |            | 8015D  | 10 Bus. Days |           |

## LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2413 CAMP02

Order Date : 6/24/2025 3:05:00 PM

Project Mgr :

Client Name : CDM Smith

Project Name : South River WM Replacem

Report Type : Level 2 *u*

Client Contact : Marcie Ann Encinas

Receive DateTime : 6/24/2025 12:00:00 AM

EDD Type : EXCEL NOCLEANUP

Invoice Name : CDM Smith

Purchase Order :

Hard Copy Date :

Invoice Contact : Marcie Ann Encinas

Date Signoff :

| LAB ID | CLIENT ID | MATRIX | SAMPLE<br>DATE | SAMPLE<br>TIME | TEST | TEST GROUP | METHOD | FAX DATE | DUE<br>DATES |
|--------|-----------|--------|----------------|----------------|------|------------|--------|----------|--------------|
|--------|-----------|--------|----------------|----------------|------|------------|--------|----------|--------------|

Relinquished By : *[Signature]*

Date / Time : 6/25/25 0935

Received By : *[Signature]*

Date / Time : 6/25/25 9:35

Storage Area : VOA Refridgerator Room

*[Handwritten notes: 12-11-10, 827]*