

## Cover Page

**Order ID :** Q2487

**Project ID :** Construction of Shafts 17B-18B - PN 220084

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

### Lab Sample Number

### Client Sample Number

|          |          |
|----------|----------|
| Q2487-01 | G4(1.5)  |
| Q2487-02 | G4(10)   |
| Q2487-03 | G3(9)    |
| Q2487-04 | G3(3)    |
| Q2487-05 | G2(2.5)  |
| Q2487-06 | G2(9)    |
| Q2487-07 | G1(4.5)  |
| Q2487-08 | G1(10)   |
| Q2487-09 | G4(0-6)  |
| Q2487-10 | G4(6-12) |
| Q2487-11 | G3(0-6)  |
| Q2487-12 | G3(6-12) |
| Q2487-13 | G2(0-6)  |
| Q2487-14 | G2(6-12) |
| Q2487-15 | G1(0-6)  |
| Q2487-16 | G1(6-12) |
| Q2487-17 | G4(1.5)  |
| Q2487-18 | G4(10)   |
| Q2487-19 | G3(9)    |
| Q2487-20 | G3(3)    |
| Q2487-21 | G2(2.5)  |
| Q2487-22 | G2(9)    |
| Q2487-23 | G1(10)   |
| Q2487-24 | G1(4.5)  |

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: 7/9/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

## DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following "Results Qualifiers" are used:

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

## APPENDIX A

### QA REVIEW GENERAL DOCUMENTATION

Project #: Q2487

Completed

For thorough review, the report must have the following:

#### GENERAL:

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

✓

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

✓

Is the chain of custody signed and complete

✓

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

✓

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

✓

#### COVER PAGE:

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

✓

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

✓

#### CHAIN OF CUSTODY:

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

✓

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

✓

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

✓

Were the samples received within hold time

✓

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

✓

#### ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: MAHESH PATEL

Date: 07/09/2025

## LAB CHRONICLE

|                 |                                    |                   |                                            |
|-----------------|------------------------------------|-------------------|--------------------------------------------|
| <b>OrderID:</b> | Q2487                              | <b>OrderDate:</b> | 7/2/2025 10:05:00 AM                       |
| <b>Client:</b>  | Walsh Construction Company II, LLC | <b>Project:</b>   | Construction of Shafts 17B-18B - PN 220084 |
| <b>Contact:</b> | Jesse A. Sylvestri                 | <b>Location:</b>  | A22,A53,VOA Ref. #2 Soil                   |

| LabID           | ClientID        | Matrix      | Test          | Method | Sample Date     | Prep Date | Anal Date | Received        |
|-----------------|-----------------|-------------|---------------|--------|-----------------|-----------|-----------|-----------------|
| <b>Q2487-09</b> | <b>G4(0-6)</b>  | <b>SOIL</b> | Pesticide-TCL | 8081B  | <b>07/01/25</b> | 07/03/25  | 07/03/25  | <b>07/01/25</b> |
| <b>Q2487-10</b> | <b>G4(6-12)</b> | <b>SOIL</b> | Pesticide-TCL | 8081B  | <b>07/01/25</b> | 07/03/25  | 07/03/25  | <b>07/01/25</b> |
| <b>Q2487-11</b> | <b>G3(0-6)</b>  | <b>SOIL</b> | Pesticide-TCL | 8081B  | <b>07/01/25</b> | 07/03/25  | 07/07/25  | <b>07/01/25</b> |
| <b>Q2487-12</b> | <b>G3(6-12)</b> | <b>SOIL</b> | Pesticide-TCL | 8081B  | <b>07/01/25</b> | 07/03/25  | 07/07/25  | <b>07/01/25</b> |
| <b>Q2487-13</b> | <b>G2(0-6)</b>  | <b>SOIL</b> | Pesticide-TCL | 8081B  | <b>07/01/25</b> | 07/03/25  | 07/07/25  | <b>07/01/25</b> |
| <b>Q2487-14</b> | <b>G2(6-12)</b> | <b>SOIL</b> | Pesticide-TCL | 8081B  | <b>07/01/25</b> | 07/03/25  | 07/07/25  | <b>07/01/25</b> |
| <b>Q2487-15</b> | <b>G1(0-6)</b>  | <b>SOIL</b> | Pesticide-TCL | 8081B  | <b>07/01/25</b> | 07/03/25  | 07/07/25  | <b>07/01/25</b> |
| <b>Q2487-16</b> | <b>G1(6-12)</b> | <b>SOIL</b> | Pesticide-TCL | 8081B  | <b>07/01/25</b> | 07/03/25  | 07/07/25  | <b>07/01/25</b> |



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

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

**SDG No.:** Q2487

**Order ID:** Q2487

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

**Project ID:** Construction of Shafts 17B-18B - PN 2

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

Client ID :

**Total Concentration:** 0.000



# QC SUMMARY

### Surrogate Summary

SDG No.: Q2487

Client: Walsh Construction Company II, LLC

Analytical Method: 8081B

| Lab Sample ID    | Client ID        | Parameter         | Column | Spike | Result | Recovery(%) | Qual | Limits(%) |      |
|------------------|------------------|-------------------|--------|-------|--------|-------------|------|-----------|------|
|                  |                  |                   |        |       |        |             |      | Low       | High |
| I.BLK-PD088990.D | PIBLK-PD088990.D | Decachlorobiphen  | 1      | 20    | 18.2   | 91          |      | 57        | 171  |
|                  |                  | Tetrachloro-m-xyl | 1      | 20    | 16.1   | 80          |      | 61        | 148  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 18.6   | 93          |      | 57        | 171  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 17.7   | 88          |      | 61        | 148  |
| I.BLK-PD089326.D | PIBLK-PD089326.D | Decachlorobiphen  | 1      | 20    | 19.1   | 96          |      | 57        | 171  |
|                  |                  | Tetrachloro-m-xyl | 1      | 20    | 19.5   | 97          |      | 61        | 148  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 18.0   | 90          |      | 57        | 171  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 21.9   | 109         |      | 61        | 148  |
| PB168725BL       | PB168725BL       | Decachlorobiphen  | 1      | 20    | 18.8   | 94          |      | 20        | 144  |
|                  |                  | Tetrachloro-m-xyl | 1      | 20    | 18.4   | 92          |      | 19        | 148  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 19.3   | 97          |      | 20        | 144  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 20.8   | 104         |      | 19        | 148  |
| PB168725BS       | PB168725BS       | Decachlorobiphen  | 1      | 20    | 18.4   | 92          |      | 20        | 144  |
|                  |                  | Tetrachloro-m-xyl | 1      | 20    | 17.6   | 88          |      | 19        | 148  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 18.9   | 95          |      | 20        | 144  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 19.3   | 96          |      | 19        | 148  |
| Q2487-09         | G4(0-6)          | Decachlorobiphen  | 1      | 20    | 10.1   | 51          |      | 20        | 144  |
|                  |                  | Tetrachloro-m-xyl | 1      | 20    | 11.4   | 57          |      | 19        | 148  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 8.83   | 44          |      | 20        | 144  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 12.9   | 64          |      | 19        | 148  |
| Q2487-10         | G4(6-12)         | Decachlorobiphen  | 1      | 20    | 6.38   | 32          |      | 20        | 144  |
|                  |                  | Tetrachloro-m-xyl | 1      | 20    | 11.8   | 59          |      | 19        | 148  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 5.93   | 30          |      | 20        | 144  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 13.0   | 65          |      | 19        | 148  |
| I.BLK-PD089337.D | PIBLK-PD089337.D | Decachlorobiphen  | 1      | 20    | 19.0   | 95          |      | 57        | 171  |
|                  |                  | Tetrachloro-m-xyl | 1      | 20    | 19.8   | 99          |      | 61        | 148  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 19.1   | 95          |      | 57        | 171  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 22.4   | 112         |      | 61        | 148  |
| I.BLK-PD089340.D | PIBLK-PD089340.D | Decachlorobiphen  | 1      | 20    | 20.0   | 100         |      | 57        | 171  |
|                  |                  | Tetrachloro-m-xyl | 1      | 20    | 18.7   | 93          |      | 61        | 148  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 20.0   | 100         |      | 57        | 171  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 21.2   | 106         |      | 61        | 148  |
| Q2487-11         | G3(0-6)          | Decachlorobiphen  | 1      | 20    | 16.7   | 84          |      | 20        | 144  |
|                  |                  | Tetrachloro-m-xyl | 1      | 20    | 10.6   | 53          |      | 19        | 148  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 9.73   | 49          |      | 20        | 144  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 13.8   | 69          |      | 19        | 148  |
| Q2487-12         | G3(6-12)         | Decachlorobiphen  | 1      | 20    | 11.6   | 58          |      | 20        | 144  |
|                  |                  | Tetrachloro-m-xyl | 1      | 20    | 16.3   | 81          |      | 19        | 148  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 8.80   | 44          |      | 20        | 144  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 18.6   | 93          |      | 19        | 148  |
| Q2487-13         | G2(0-6)          | Decachlorobiphen  | 1      | 20    | 17.2   | 86          |      | 20        | 144  |

### Surrogate Summary

SDG No.: Q2487

Client: Walsh Construction Company II, LLC

Analytical Method: 8081B

| Lab Sample ID    | Client ID        | Parameter         | Column | Spike | Result | Recovery(%) | Qual | Limits(%) |      |
|------------------|------------------|-------------------|--------|-------|--------|-------------|------|-----------|------|
|                  |                  |                   |        |       |        |             |      | Low       | High |
| Q2487-13         | G2(0-6)          | Tetrachloro-m-xyl | 1      | 20    | 10.2   | 51          |      | 19        | 148  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 8.79   | 44          |      | 20        | 144  |
| Q2487-14         | G2(6-12)         | Tetrachloro-m-xyl | 2      | 20    | 14.1   | 71          |      | 19        | 148  |
|                  |                  | Decachlorobiphen  | 1      | 20    | 8.97   | 45          |      | 20        | 144  |
|                  |                  | Tetrachloro-m-xyl | 1      | 20    | 14.1   | 71          |      | 19        | 148  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 7.01   | 35          |      | 20        | 144  |
| Q2487-15         | G1(0-6)          | Tetrachloro-m-xyl | 2      | 20    | 15.6   | 78          |      | 19        | 148  |
|                  |                  | Decachlorobiphen  | 1      | 20    | 25.0   | 125         |      | 20        | 144  |
|                  |                  | Tetrachloro-m-xyl | 1      | 20    | 10.7   | 54          |      | 19        | 148  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 13.7   | 69          |      | 20        | 144  |
| Q2487-16         | G1(6-12)         | Tetrachloro-m-xyl | 2      | 20    | 14.5   | 72          |      | 19        | 148  |
|                  |                  | Decachlorobiphen  | 1      | 20    | 7.13   | 36          |      | 20        | 144  |
|                  |                  | Tetrachloro-m-xyl | 1      | 20    | 10.0   | 50          |      | 19        | 148  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 6.03   | 30          |      | 20        | 144  |
| Q2493-01MS       | WC-11MS          | Tetrachloro-m-xyl | 2      | 20    | 12.3   | 61          |      | 19        | 148  |
|                  |                  | Decachlorobiphen  | 1      | 20    | 12.6   | 63          |      | 20        | 144  |
|                  |                  | Tetrachloro-m-xyl | 1      | 20    | 16.2   | 81          |      | 19        | 148  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 10.9   | 55          |      | 20        | 144  |
| Q2493-01MSD      | WC-11MSD         | Tetrachloro-m-xyl | 2      | 20    | 18.4   | 92          |      | 19        | 148  |
|                  |                  | Decachlorobiphen  | 1      | 20    | 13.3   | 66          |      | 20        | 144  |
|                  |                  | Tetrachloro-m-xyl | 1      | 20    | 16.4   | 82          |      | 19        | 148  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 11.4   | 57          |      | 20        | 144  |
| I.BLK-PD089356.D | PIBLK-PD089356.D | Tetrachloro-m-xyl | 2      | 20    | 18.0   | 90          |      | 19        | 148  |
|                  |                  | Decachlorobiphen  | 1      | 20    | 17.9   | 89          |      | 57        | 171  |
|                  |                  | Tetrachloro-m-xyl | 1      | 20    | 19.0   | 95          |      | 61        | 148  |
|                  |                  | Decachlorobiphen  | 2      | 20    | 16.4   | 82          |      | 57        | 171  |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 22.2   | 111         |      | 61        | 148  |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

|                 |                                           |                           |                   |
|-----------------|-------------------------------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q2487</u>                              | <b>Analytical Method:</b> | <u>8081B</u>      |
| <b>Client:</b>  | <u>Walsh Construction Company II, LLC</u> | <b>DataFile :</b>         | <u>PD089351.D</u> |

|                | Parameter                | Spike             | Sample |         | Units | Rec | Rec  | RPD |      | Limits |      |     |
|----------------|--------------------------|-------------------|--------|---------|-------|-----|------|-----|------|--------|------|-----|
|                |                          |                   | Result |         |       |     | Qual | RPD | Qual | Low    | High | RPD |
| Lab Sample ID: | Q2493-01MS<br>(Column 1) | Client Sample ID: |        | WC-11MS |       |     |      |     |      |        |      |     |
|                | alpha-BHC                | 18.78             | 0      | 16.6    | ug/kg | 88  |      |     |      | 60     | 144  |     |
|                | beta-BHC                 | 18.78             | 0      | 16.3    | ug/kg | 87  |      |     |      | 54     | 143  |     |
|                | delta-BHC                | 18.78             | 0      | 17.6    | ug/kg | 94  |      |     |      | 29     | 151  |     |
|                | gamma-BHC (Lindane)      | 18.78             | 0      | 17.1    | ug/kg | 91  |      |     |      | 61     | 140  |     |
|                | Heptachlor               | 18.78             | 0      | 16.5    | ug/kg | 88  |      |     |      | 63     | 135  |     |
|                | Aldrin                   | 18.78             | 0      | 15.8    | ug/kg | 84  |      |     |      | 49     | 139  |     |
|                | Heptachlor epoxide       | 18.78             | 0      | 15.2    | ug/kg | 81  |      |     |      | 41     | 156  |     |
|                | Endosulfan I             | 18.78             | 0      | 15.1    | ug/kg | 80  |      |     |      | 56     | 142  |     |
|                | Dieldrin                 | 18.78             | 0      | 14.6    | ug/kg | 78  |      |     |      | 47     | 161  |     |
|                | 4,4'-DDE                 | 18.78             | 0      | 14.8    | ug/kg | 79  |      |     |      | 55     | 136  |     |
|                | Endrin                   | 18.78             | 0      | 14.5    | ug/kg | 77  |      |     |      | 57     | 139  |     |
|                | Endosulfan II            | 18.78             | 0      | 13.7    | ug/kg | 73  |      |     |      | 40     | 163  |     |
|                | 4,4'-DDD                 | 18.78             | 0      | 14.3    | ug/kg | 76  |      |     |      | 47     | 163  |     |
|                | Endosulfan sulfate       | 18.78             | 0      | 13.6    | ug/kg | 72  |      |     |      | 62     | 139  |     |
|                | 4,4'-DDT                 | 18.78             | 0.2176 | 13.7    | ug/kg | 79  |      |     |      | 51     | 146  |     |
|                | Methoxychlor             | 18.78             | 0      | 12.3    | ug/kg | 65  |      |     |      | 54     | 136  |     |
|                | Endrin ketone            | 18.78             | 0      | 13.3    | ug/kg | 71  |      |     |      | 60     | 129  |     |
|                | Endrin aldehyde          | 18.78             | 0      | 14.1    | ug/kg | 75  |      |     |      | 59     | 132  |     |
|                | alpha-Chlordane          | 18.78             | 0      | 15.1    | ug/kg | 80  |      |     |      | 39     | 166  |     |
|                | gamma-Chlordane          | 18.78             | 0      | 15.0    | ug/kg | 80  |      |     |      | 44     | 175  |     |
| Lab Sample ID: | Q2493-01MS<br>(Column 2) | Client Sample ID: |        | WC-11MS |       |     |      |     |      |        |      |     |
|                | alpha-BHC                | 18.78             | 0      | 18.3    | ug/kg | 97  |      |     |      | 60     | 144  |     |
|                | beta-BHC                 | 18.78             | 0      | 18.1    | ug/kg | 96  |      |     |      | 54     | 143  |     |
|                | delta-BHC                | 18.78             | 0      | 18.1    | ug/kg | 96  |      |     |      | 29     | 151  |     |
|                | gamma-BHC (Lindane)      | 18.78             | 0      | 18.0    | ug/kg | 96  |      |     |      | 61     | 140  |     |
|                | Heptachlor               | 18.78             | 0      | 17.9    | ug/kg | 95  |      |     |      | 63     | 135  |     |
|                | Aldrin                   | 18.78             | 0      | 17.9    | ug/kg | 95  |      |     |      | 49     | 139  |     |
|                | Heptachlor epoxide       | 18.78             | 0      | 18.2    | ug/kg | 97  |      |     |      | 41     | 156  |     |
|                | Endosulfan I             | 18.78             | 0      | 17.0    | ug/kg | 91  |      |     |      | 56     | 142  |     |
|                | Dieldrin                 | 18.78             | 0      | 16.7    | ug/kg | 89  |      |     |      | 47     | 161  |     |
|                | 4,4'-DDE                 | 18.78             | 0.2326 | 16.8    | ug/kg | 89  |      |     |      | 55     | 136  |     |
|                | Endrin                   | 18.78             | 0      | 16.3    | ug/kg | 87  |      |     |      | 57     | 139  |     |
|                | Endosulfan II            | 18.78             | 0      | 15.4    | ug/kg | 82  |      |     |      | 40     | 163  |     |
|                | 4,4'-DDD                 | 18.78             | 0      | 14.7    | ug/kg | 78  |      |     |      | 47     | 163  |     |
|                | Endosulfan sulfate       | 18.78             | 0      | 14.7    | ug/kg | 78  |      |     |      | 62     | 139  |     |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

|                 |                                           |                           |                   |
|-----------------|-------------------------------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q2487</u>                              | <b>Analytical Method:</b> | <u>8081B</u>      |
| <b>Client:</b>  | <u>Walsh Construction Company II, LLC</u> | <b>DataFile :</b>         | <u>PD089351.D</u> |

| Parameter       | Spike | Sample |        | Units | Rec | Rec Qual | RPD | RPD Qual | Low | Limits |     |
|-----------------|-------|--------|--------|-------|-----|----------|-----|----------|-----|--------|-----|
|                 |       | Result | Result |       |     |          |     |          |     | High   | RPD |
| 4,4'-DDT        | 18.78 | 0.3827 | 15.3   | ug/kg | 81  |          |     |          | 51  | 146    |     |
| Methoxychlor    | 18.78 | 0      | 13.3   | ug/kg | 71  |          |     |          | 54  | 136    |     |
| Endrin ketone   | 18.78 | 0      | 12.6   | ug/kg | 67  |          |     |          | 60  | 129    |     |
| Endrin aldehyde | 18.78 | 0      | 14.9   | ug/kg | 79  |          |     |          | 59  | 132    |     |
| alpha-Chlordane | 18.78 | 0      | 17.1   | ug/kg | 91  |          |     |          | 39  | 166    |     |
| gamma-Chlordane | 18.78 | 0      | 17.2   | ug/kg | 92  |          |     |          | 44  | 175    |     |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

|                 |                                           |                           |                   |
|-----------------|-------------------------------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q2487</u>                              | <b>Analytical Method:</b> | <u>8081B</u>      |
| <b>Client:</b>  | <u>Walsh Construction Company II, LLC</u> | <b>DataFile :</b>         | <u>PD089352.D</u> |

|                | Parameter                 | Spike             | Sample |          | Units | Rec | Rec  | RPD |      | Low | Limits |     |
|----------------|---------------------------|-------------------|--------|----------|-------|-----|------|-----|------|-----|--------|-----|
|                |                           |                   | Result |          |       |     | Qual | RPD | Qual |     | High   | RPD |
| Lab Sample ID: | Q2493-01MSD<br>(Column 1) | Client Sample ID: |        | WC-11MSD |       |     |      |     |      |     |        |     |
|                | alpha-BHC                 | 18.78             | 0      | 17.0     | ug/kg | 91  |      | 3   |      | 60  | 144    | 20  |
|                | beta-BHC                  | 18.78             | 0      | 16.3     | ug/kg | 87  |      | 0   |      | 54  | 143    | 20  |
|                | delta-BHC                 | 18.78             | 0      | 17.7     | ug/kg | 94  |      | 0   |      | 29  | 151    | 20  |
|                | gamma-BHC (Lindane)       | 18.78             | 0      | 17.0     | ug/kg | 91  |      | 0   |      | 61  | 140    | 20  |
|                | Heptachlor                | 18.78             | 0      | 17.1     | ug/kg | 91  |      | 3   |      | 63  | 135    | 20  |
|                | Aldrin                    | 18.78             | 0      | 16.3     | ug/kg | 87  |      | 4   |      | 49  | 139    | 20  |
|                | Heptachlor epoxide        | 18.78             | 0      | 15.4     | ug/kg | 82  |      | 1   |      | 41  | 156    | 20  |
|                | Endosulfan I              | 18.78             | 0      | 15.6     | ug/kg | 83  |      | 4   |      | 56  | 142    | 20  |
|                | Dieldrin                  | 18.78             | 0      | 15.2     | ug/kg | 81  |      | 4   |      | 47  | 161    | 20  |
|                | 4,4'-DDE                  | 18.78             | 0      | 15.2     | ug/kg | 81  |      | 3   |      | 55  | 136    | 20  |
|                | Endrin                    | 18.78             | 0      | 15.0     | ug/kg | 80  |      | 4   |      | 57  | 139    | 20  |
|                | Endosulfan II             | 18.78             | 0      | 13.9     | ug/kg | 74  |      | 1   |      | 40  | 163    | 20  |
|                | 4,4'-DDD                  | 18.78             | 0      | 14.7     | ug/kg | 78  |      | 3   |      | 47  | 163    | 20  |
|                | Endosulfan sulfate        | 18.78             | 0      | 13.9     | ug/kg | 74  |      | 3   |      | 62  | 139    | 20  |
|                | 4,4'-DDT                  | 18.78             | 0.2176 | 14.5     | ug/kg | 84  |      | 6   |      | 51  | 146    | 20  |
|                | Methoxychlor              | 18.78             | 0      | 13.0     | ug/kg | 69  |      | 6   |      | 54  | 136    | 20  |
|                | Endrin ketone             | 18.78             | 0      | 13.8     | ug/kg | 73  |      | 3   |      | 60  | 129    | 20  |
|                | Endrin aldehyde           | 18.78             | 0      | 14.8     | ug/kg | 79  |      | 5   |      | 59  | 132    | 20  |
|                | alpha-Chlordane           | 18.78             | 0      | 15.6     | ug/kg | 83  |      | 4   |      | 39  | 166    | 20  |
|                | gamma-Chlordane           | 18.78             | 0      | 15.4     | ug/kg | 82  |      | 2   |      | 44  | 175    | 20  |
| Lab Sample ID: | Q2493-01MSD<br>(Column 2) | Client Sample ID: |        | WC-11MSD |       |     |      |     |      |     |        |     |
|                | alpha-BHC                 | 18.78             | 0      | 18.2     | ug/kg | 97  |      | 0   |      | 60  | 144    | 20  |
|                | beta-BHC                  | 18.78             | 0      | 18.6     | ug/kg | 99  |      | 3   |      | 54  | 143    | 20  |
|                | delta-BHC                 | 18.78             | 0      | 18.1     | ug/kg | 96  |      | 0   |      | 29  | 151    | 20  |
|                | gamma-BHC (Lindane)       | 18.78             | 0      | 18.4     | ug/kg | 98  |      | 2   |      | 61  | 140    | 20  |
|                | Heptachlor                | 18.78             | 0      | 17.8     | ug/kg | 95  |      | 0   |      | 63  | 135    | 20  |
|                | Aldrin                    | 18.78             | 0      | 18.1     | ug/kg | 96  |      | 1   |      | 49  | 139    | 20  |
|                | Heptachlor epoxide        | 18.78             | 0      | 18.4     | ug/kg | 98  |      | 1   |      | 41  | 156    | 20  |
|                | Endosulfan I              | 18.78             | 0      | 17.5     | ug/kg | 93  |      | 2   |      | 56  | 142    | 20  |
|                | Dieldrin                  | 18.78             | 0      | 17.1     | ug/kg | 91  |      | 2   |      | 47  | 161    | 20  |
|                | 4,4'-DDE                  | 18.78             | 0.2326 | 17.2     | ug/kg | 92  |      | 3   |      | 55  | 136    | 20  |
|                | Endrin                    | 18.78             | 0      | 16.9     | ug/kg | 90  |      | 3   |      | 57  | 139    | 20  |
|                | Endosulfan II             | 18.78             | 0      | 15.9     | ug/kg | 85  |      | 4   |      | 40  | 163    | 20  |
|                | 4,4'-DDD                  | 18.78             | 0      | 15.2     | ug/kg | 81  |      | 4   |      | 47  | 163    | 20  |
|                | Endosulfan sulfate        | 18.78             | 0      | 15.4     | ug/kg | 82  |      | 5   |      | 62  | 139    | 20  |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

|                 |                                           |                           |                   |
|-----------------|-------------------------------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q2487</u>                              | <b>Analytical Method:</b> | <u>8081B</u>      |
| <b>Client:</b>  | <u>Walsh Construction Company II, LLC</u> | <b>DataFile :</b>         | <u>PD089352.D</u> |

| Parameter       | Spike | Sample |        | Units | Rec | Rec  |     | RPD  |     | Limits |     |
|-----------------|-------|--------|--------|-------|-----|------|-----|------|-----|--------|-----|
|                 |       | Result | Result |       |     | Qual | RPD | Qual | Low | High   | RPD |
| 4,4'-DDT        | 18.78 | 0.3827 | 16.1   | ug/kg | 86  |      | 6   |      | 51  | 146    | 20  |
| Methoxychlor    | 18.78 | 0      | 14.1   | ug/kg | 75  |      | 5   |      | 54  | 136    | 20  |
| Endrin ketone   | 18.78 | 0      | 14.1   | ug/kg | 75  |      | 11  |      | 60  | 129    | 20  |
| Endrin aldehyde | 18.78 | 0      | 15.9   | ug/kg | 85  |      | 7   |      | 59  | 132    | 20  |
| alpha-Chlordane | 18.78 | 0      | 17.7   | ug/kg | 94  |      | 3   |      | 39  | 166    | 20  |
| gamma-Chlordane | 18.78 | 0      | 17.9   | ug/kg | 95  |      | 3   |      | 44  | 175    | 20  |

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

**SW-846**

|                 |                                           |                           |                   |
|-----------------|-------------------------------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q2487</u>                              | <b>Analytical Method:</b> | <u>8081B</u>      |
| <b>Client:</b>  | <u>Walsh Construction Company II, LLC</u> | <b>Datafile :</b>         | <u>PD089334.D</u> |

| Lab Sample ID            | Parameter           | Spike | Result | Units | Rec | RPD | Qual | RPD  |     | Limits |     |
|--------------------------|---------------------|-------|--------|-------|-----|-----|------|------|-----|--------|-----|
|                          |                     |       |        |       |     |     |      | Qual | Low | High   | RPD |
| PB168725BS<br>(Column 1) | alpha-BHC           | 16.66 | 18.2   | ug/kg | 109 |     |      |      | 84  | 123    |     |
|                          | beta-BHC            | 16.66 | 17.1   | ug/kg | 103 |     |      |      | 82  | 123    |     |
|                          | delta-BHC           | 16.66 | 19.0   | ug/kg | 114 |     |      |      | 83  | 126    |     |
|                          | gamma-BHC (Lindane) | 16.66 | 18.0   | ug/kg | 108 |     |      |      | 83  | 125    |     |
|                          | Heptachlor          | 16.66 | 17.4   | ug/kg | 104 |     |      |      | 83  | 122    |     |
|                          | Aldrin              | 16.66 | 18.3   | ug/kg | 110 |     |      |      | 82  | 124    |     |
|                          | Heptachlor epoxide  | 16.66 | 17.9   | ug/kg | 107 |     |      |      | 83  | 120    |     |
|                          | Endosulfan I        | 16.66 | 18.1   | ug/kg | 109 |     |      |      | 81  | 124    |     |
|                          | Dieldrin            | 16.66 | 18.3   | ug/kg | 110 |     |      |      | 85  | 121    |     |
|                          | 4,4'-DDE            | 16.66 | 18.1   | ug/kg | 109 |     |      |      | 81  | 123    |     |
|                          | Endrin              | 16.66 | 16.1   | ug/kg | 97  |     |      |      | 76  | 130    |     |
|                          | Endosulfan II       | 16.66 | 18.4   | ug/kg | 110 |     |      |      | 80  | 125    |     |
|                          | 4,4'-DDD            | 16.66 | 19.1   | ug/kg | 115 |     |      |      | 80  | 131    |     |
|                          | Endosulfan sulfate  | 16.66 | 18.0   | ug/kg | 108 |     |      |      | 81  | 122    |     |
|                          | 4,4'-DDT            | 16.66 | 15.0   | ug/kg | 90  |     |      |      | 70  | 129    |     |
|                          | Methoxychlor        | 16.66 | 14.0   | ug/kg | 84  |     |      |      | 60  | 119    |     |
|                          | Endrin ketone       | 16.66 | 18.2   | ug/kg | 109 |     |      |      | 77  | 132    |     |
|                          | Endrin aldehyde     | 16.66 | 18.3   | ug/kg | 110 |     |      |      | 79  | 124    |     |
|                          | alpha-Chlordane     | 16.66 | 18.0   | ug/kg | 108 |     |      |      | 84  | 120    |     |
|                          | gamma-Chlordane     | 16.66 | 18.5   | ug/kg | 111 |     |      |      | 83  | 122    |     |
| PB168725BS<br>(Column 2) | alpha-BHC           | 16.66 | 18.5   | ug/kg | 111 |     |      |      | 84  | 123    |     |
|                          | beta-BHC            | 16.66 | 17.9   | ug/kg | 107 |     |      |      | 82  | 123    |     |
|                          | delta-BHC           | 16.66 | 18.3   | ug/kg | 110 |     |      |      | 83  | 126    |     |
|                          | gamma-BHC (Lindane) | 16.66 | 18.1   | ug/kg | 109 |     |      |      | 83  | 125    |     |
|                          | Heptachlor          | 16.66 | 17.4   | ug/kg | 104 |     |      |      | 83  | 122    |     |
|                          | Aldrin              | 16.66 | 18.4   | ug/kg | 110 |     |      |      | 82  | 124    |     |
|                          | Heptachlor epoxide  | 16.66 | 18.3   | ug/kg | 110 |     |      |      | 83  | 120    |     |
|                          | Endosulfan I        | 16.66 | 18.2   | ug/kg | 109 |     |      |      | 81  | 124    |     |
|                          | Dieldrin            | 16.66 | 18.1   | ug/kg | 109 |     |      |      | 85  | 121    |     |
|                          | 4,4'-DDE            | 16.66 | 18.0   | ug/kg | 108 |     |      |      | 81  | 123    |     |
|                          | Endrin              | 16.66 | 16.0   | ug/kg | 96  |     |      |      | 76  | 130    |     |
|                          | Endosulfan II       | 16.66 | 18.1   | ug/kg | 109 |     |      |      | 80  | 125    |     |
|                          | 4,4'-DDD            | 16.66 | 18.4   | ug/kg | 110 |     |      |      | 80  | 131    |     |
|                          | Endosulfan sulfate  | 16.66 | 18.0   | ug/kg | 108 |     |      |      | 81  | 122    |     |
|                          | 4,4'-DDT            | 16.66 | 15.7   | ug/kg | 94  |     |      |      | 70  | 129    |     |
|                          | Methoxychlor        | 16.66 | 14.7   | ug/kg | 88  |     |      |      | 60  | 119    |     |
|                          | Endrin ketone       | 16.66 | 18.4   | ug/kg | 110 |     |      |      | 77  | 132    |     |
|                          | Endrin aldehyde     | 16.66 | 18.1   | ug/kg | 109 |     |      |      | 79  | 124    |     |
|                          | alpha-Chlordane     | 16.66 | 18.0   | ug/kg | 108 |     |      |      | 84  | 120    |     |
|                          | gamma-Chlordane     | 16.66 | 18.1   | ug/kg | 109 |     |      |      | 83  | 122    |     |

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB168725BL

Lab Name: Alliance

Contract: WALS01

Lab Code: ACE

SDG NO.: Q2487

Lab Sample ID: PB168725BL

Lab File ID: PD089333.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 07/03/2025

Date Analyzed (1): 07/03/2025

Date Analyzed (2): 07/03/2025

Time Analyzed (1): 14:54

Time Analyzed (2): 14:54

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 |
|-------------------|------------------|----------------|--------------------|--------------------|
| PB168725BS        | PB168725BS       | PD089334.D     | 07/03/2025         | 07/03/2025         |
| G4 (0-6)          | Q2487-09         | PD089335.D     | 07/03/2025         | 07/03/2025         |
| G4 (6-12)         | Q2487-10         | PD089336.D     | 07/03/2025         | 07/03/2025         |
| G3 (0-6)          | Q2487-11         | PD089344.D     | 07/07/2025         | 07/07/2025         |
| G3 (6-12)         | Q2487-12         | PD089345.D     | 07/07/2025         | 07/07/2025         |
| G2 (0-6)          | Q2487-13         | PD089346.D     | 07/07/2025         | 07/07/2025         |
| G2 (6-12)         | Q2487-14         | PD089347.D     | 07/07/2025         | 07/07/2025         |
| G1 (0-6)          | Q2487-15         | PD089348.D     | 07/07/2025         | 07/07/2025         |
| G1 (6-12)         | Q2487-16         | PD089349.D     | 07/07/2025         | 07/07/2025         |
| WC-11MS           | Q2493-01MS       | PD089351.D     | 07/07/2025         | 07/07/2025         |
| WC-11MSD          | Q2493-01MSD      | PD089352.D     | 07/07/2025         | 07/07/2025         |

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



# SAMPLE DATA

## Report of Analysis

|                    |                                            |                    |                     |
|--------------------|--------------------------------------------|--------------------|---------------------|
| Client:            | Walsh Construction Company II, LLC         | Date Collected:    | 07/01/25            |
| Project:           | Construction of Shafts 17B-18B - PN 220084 | Date Received:     | 07/01/25            |
| Client Sample ID:  | G4(0-6)                                    | SDG No.:           | Q2487               |
| Lab Sample ID:     | Q2487-09                                   | Matrix:            | SOIL                |
| Analytical Method: | 8081B                                      | % Solid:           | 87.1      Decanted: |
| Sample Wt/Vol:     | 30.05      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 |
| PD089335.D        | 1         | 07/03/25 10:01 | 07/03/25 15:21 | PB168725      |

| 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             | 0.21  | U         | 0.21     | 1.90       | ug/kg             |
| 319-86-8          | delta-BHC            | 0.45  | U         | 0.45     | 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   | 0.22  | U         | 0.22     | 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        | 0.22  | U         | 0.22     | 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            | 6.20  | U         | 6.20     | 37.8       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 10.1  |           | 20 - 144 | 51%        | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 12.9  |           | 19 - 148 | 64%        | SPK: 20           |

## Report of Analysis

|                    |                                            |                    |                     |
|--------------------|--------------------------------------------|--------------------|---------------------|
| Client:            | Walsh Construction Company II, LLC         | Date Collected:    | 07/01/25            |
| Project:           | Construction of Shafts 17B-18B - PN 220084 | Date Received:     | 07/01/25            |
| Client Sample ID:  | G4(0-6)                                    | SDG No.:           | Q2487               |
| Lab Sample ID:     | Q2487-09                                   | Matrix:            | SOIL                |
| Analytical Method: | 8081B                                      | % Solid:           | 87.1      Decanted: |
| Sample Wt/Vol:     | 30.05      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 |
| PD089335.D        | 1         | 07/03/25 10:01 | 07/03/25 15:21 | PB168725      |

| 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\PD070425\  
Data File : PD089335.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Jul 2025 15:21  
Operator : AR\AJ  
Sample : Q2487-09  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
G4(0-6)

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 04 02:18:57 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 | 32520893 | 217.9E6 | 11.398 | 12.855 |
| 28)                         | SA Decachlor... | 9.074 | 8.072 | 39812845 | 174.5E6 | 10.137 | 8.828  |

Target Compounds

-----

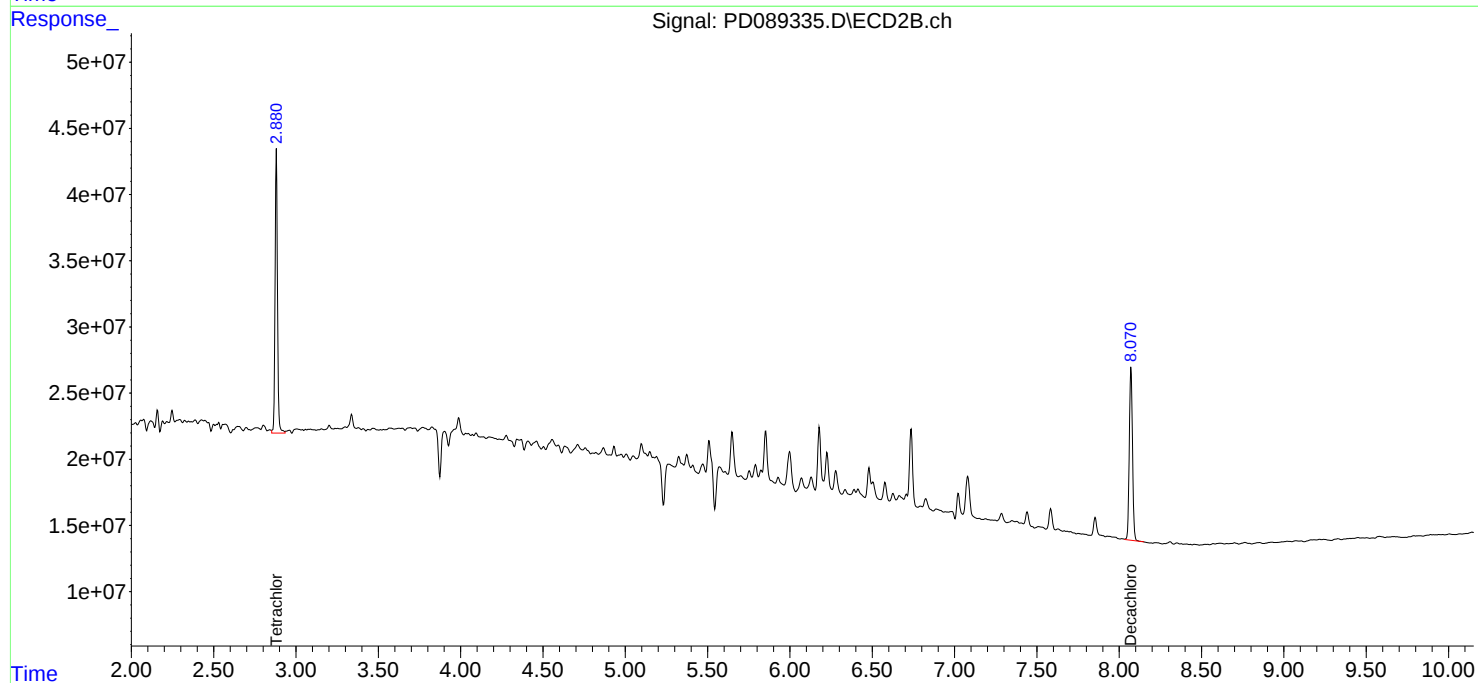
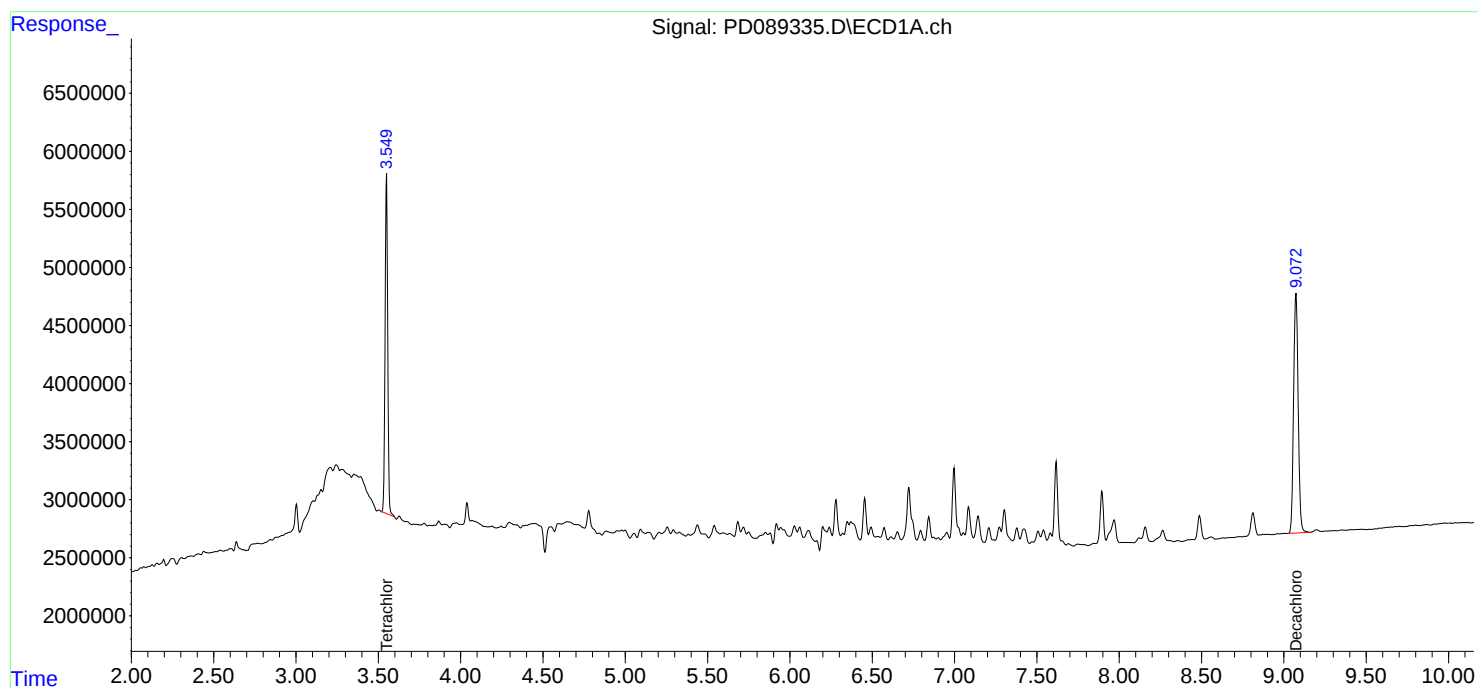
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

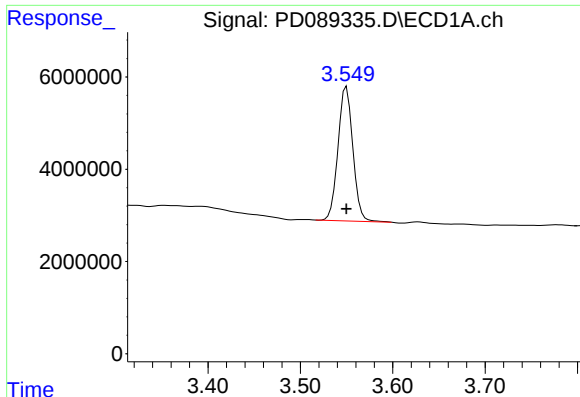
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070425\  
Data File : PD089335.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Jul 2025 15:21  
Operator : AR\AJ  
Sample : Q2487-09  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
G4(0-6)

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 04 02:18:57 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

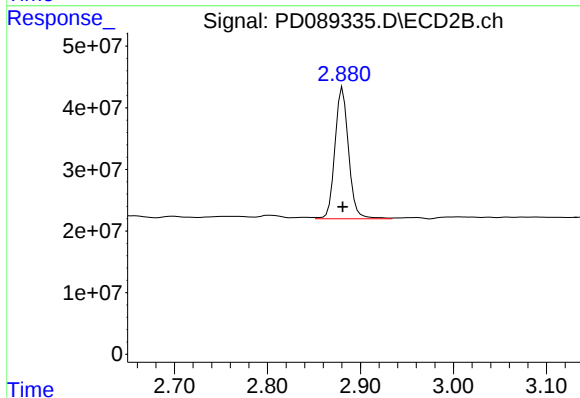




#1 Tetrachloro-m-xylene

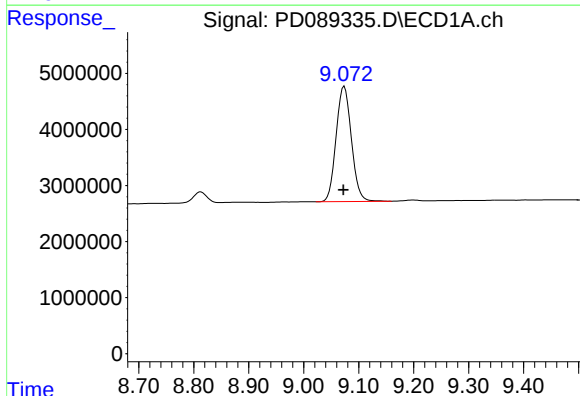
R.T.: 3.550 min  
Delta R.T.: 0.000 min  
Response: 32520893  
Conc: 11.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
G4(0-6)



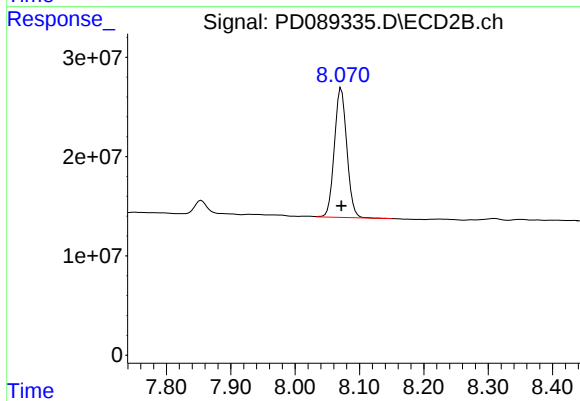
#1 Tetrachloro-m-xylene

R.T.: 2.881 min  
Delta R.T.: 0.000 min  
Response: 217936213  
Conc: 12.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.074 min  
Delta R.T.: 0.002 min  
Response: 39812845  
Conc: 10.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.072 min  
Delta R.T.: 0.000 min  
Response: 174532911  
Conc: 8.83 ng/ml

## Report of Analysis

|                    |                                            |                    |               |
|--------------------|--------------------------------------------|--------------------|---------------|
| Client:            | Walsh Construction Company II, LLC         | Date Collected:    | 07/01/25      |
| Project:           | Construction of Shafts 17B-18B - PN 220084 | Date Received:     | 07/01/25      |
| Client Sample ID:  | G4(6-12)                                   | SDG No.:           | Q2487         |
| Lab Sample ID:     | Q2487-10                                   | Matrix:            | SOIL          |
| Analytical Method: | 8081B                                      | % Solid:           | 72.6          |
| Sample Wt/Vol:     | 30.03                                      | 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 |
| PD089336.D        | 1         | 07/03/25 10:01 | 07/03/25 15:35 | PB168725      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 319-84-6          | alpha-BHC            | 0.18  | U         | 0.18     | 2.30       | ug/kg             |
| 319-85-7          | beta-BHC             | 0.25  | U         | 0.25     | 2.30       | ug/kg             |
| 319-86-8          | delta-BHC            | 0.54  | U         | 0.54     | 2.30       | ug/kg             |
| 58-89-9           | gamma-BHC (Lindane)  | 0.19  | U         | 0.19     | 2.30       | ug/kg             |
| 76-44-8           | Heptachlor           | 0.17  | U         | 0.17     | 2.30       | ug/kg             |
| 309-00-2          | Aldrin               | 0.17  | U         | 0.17     | 2.30       | ug/kg             |
| 1024-57-3         | Heptachlor epoxide   | 0.26  | U         | 0.26     | 2.30       | ug/kg             |
| 959-98-8          | Endosulfan I         | 0.19  | U         | 0.19     | 2.30       | ug/kg             |
| 60-57-1           | Dieldrin             | 0.19  | U         | 0.19     | 2.30       | ug/kg             |
| 72-55-9           | 4,4-DDE              | 0.19  | U         | 0.19     | 2.30       | ug/kg             |
| 72-20-8           | Endrin               | 0.19  | U         | 0.19     | 2.30       | ug/kg             |
| 33213-65-9        | Endosulfan II        | 0.40  | U         | 0.40     | 2.30       | ug/kg             |
| 72-54-8           | 4,4-DDD              | 0.21  | U         | 0.21     | 2.30       | ug/kg             |
| 1031-07-8         | Endosulfan Sulfate   | 0.18  | U         | 0.18     | 2.30       | ug/kg             |
| 50-29-3           | 4,4-DDT              | 0.19  | U         | 0.19     | 2.30       | ug/kg             |
| 72-43-5           | Methoxychlor         | 0.51  | U         | 0.51     | 2.30       | ug/kg             |
| 53494-70-5        | Endrin ketone        | 0.26  | U         | 0.26     | 2.30       | ug/kg             |
| 7421-93-4         | Endrin aldehyde      | 0.51  | U         | 0.51     | 2.30       | ug/kg             |
| 5103-71-9         | alpha-Chlordane      | 0.17  | U         | 0.17     | 2.30       | ug/kg             |
| 5103-74-2         | gamma-Chlordane      | 0.21  | U         | 0.21     | 2.30       | ug/kg             |
| 8001-35-2         | Toxaphene            | 7.40  | U         | 7.40     | 45.4       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 6.38  |           | 20 - 144 | 32%        | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 13.0  |           | 19 - 148 | 65%        | SPK: 20           |

## Report of Analysis

|                    |                                            |                    |               |
|--------------------|--------------------------------------------|--------------------|---------------|
| Client:            | Walsh Construction Company II, LLC         | Date Collected:    | 07/01/25      |
| Project:           | Construction of Shafts 17B-18B - PN 220084 | Date Received:     | 07/01/25      |
| Client Sample ID:  | G4(6-12)                                   | SDG No.:           | Q2487         |
| Lab Sample ID:     | Q2487-10                                   | Matrix:            | SOIL          |
| Analytical Method: | 8081B                                      | % Solid:           | 72.6          |
| Sample Wt/Vol:     | 30.03                                      | 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 |
| PD089336.D        | 1         | 07/03/25 10:01 | 07/03/25 15:35 | PB168725      |

| 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\PD070425\  
Data File : PD089336.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Jul 2025 15:35  
Operator : AR\AJ  
Sample : Q2487-10  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
G4(6-12)

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 07/07/2025  
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 04 02:19:12 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 | 33746966 | 220.6E6 | 11.828 | 13.010m |
| 28) SA Decachlor...         | 9.074 | 8.070 | 25051129 | 117.2E6 | 6.378  | 5.928m  |

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070425\  
Data File : PD089336.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Jul 2025 15:35  
Operator : AR\AJ  
Sample : Q2487-10  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

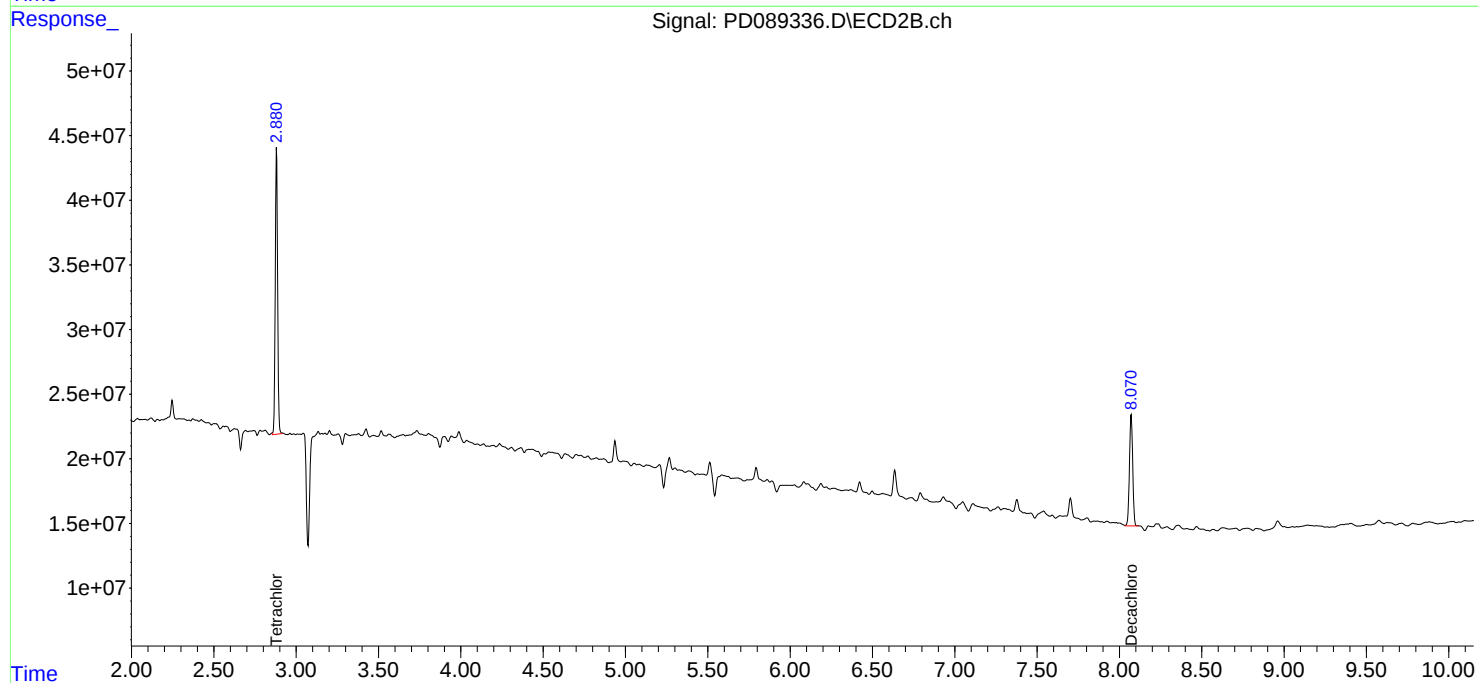
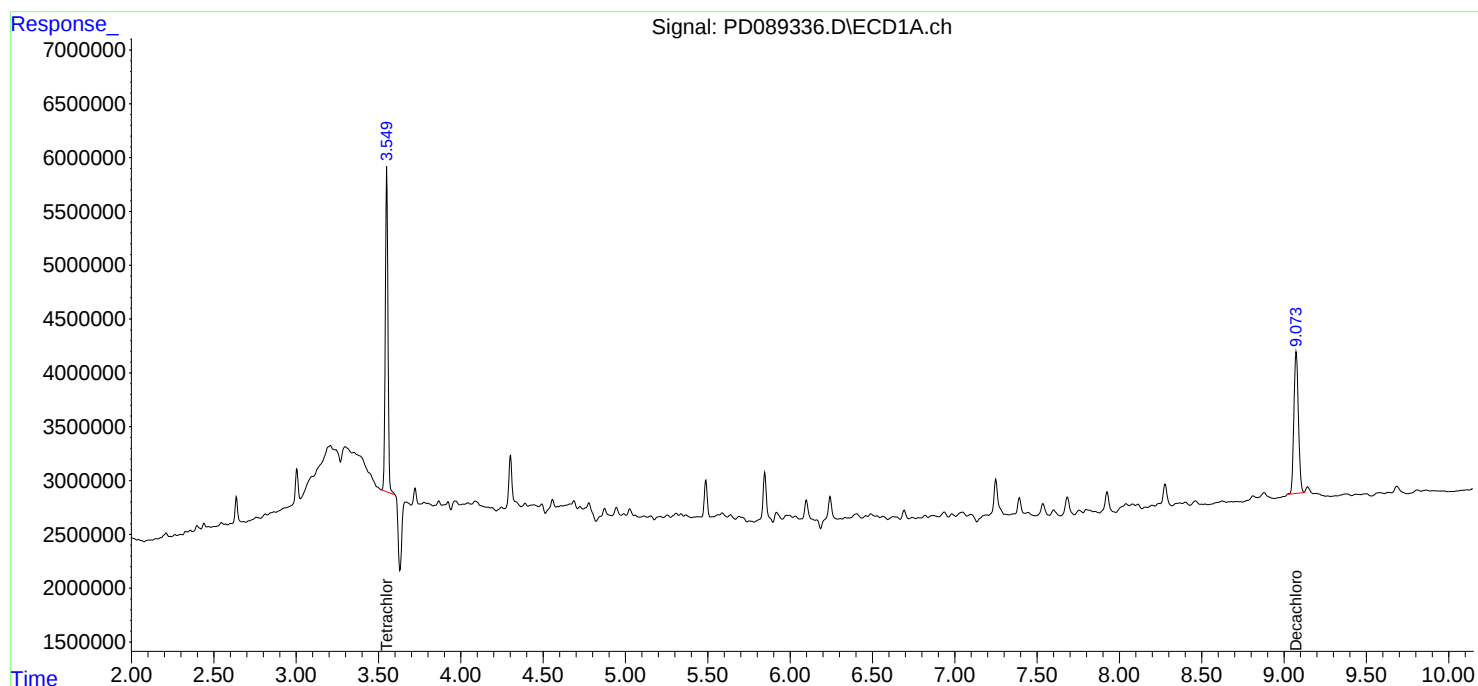
Instrument :  
ECD\_D  
ClientSampleId :  
G4(6-12)

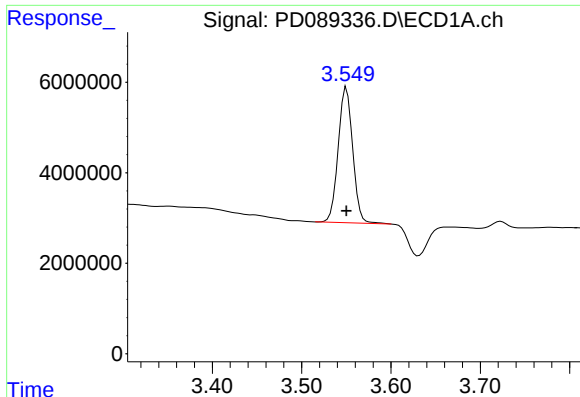
Manual Integrations  
APPROVED

Reviewed By : Abdul Mirza 07/07/2025  
Supervised By : mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 04 02:19:12 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





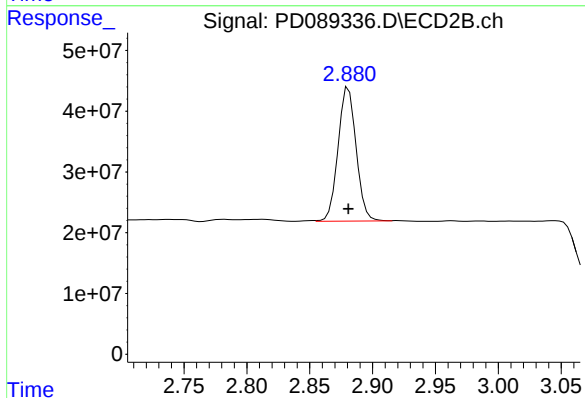
## #1 Tetrachloro-m-xylene

R.T.: 3.550 min  
Delta R.T.: 0.000 min  
Response: 33746966  
Conc: 11.83 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
G4(6-12)

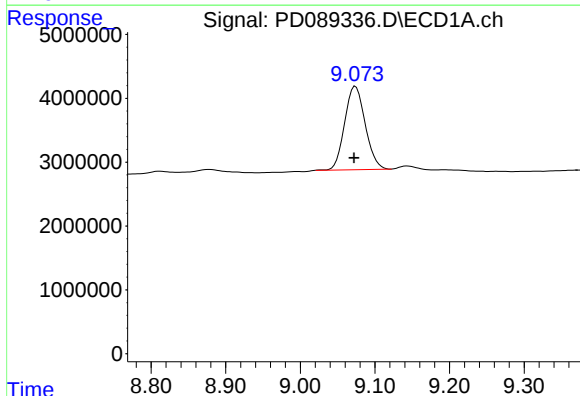
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 07/07/2025  
Supervised By :mohammad ahmed 07/09/2025



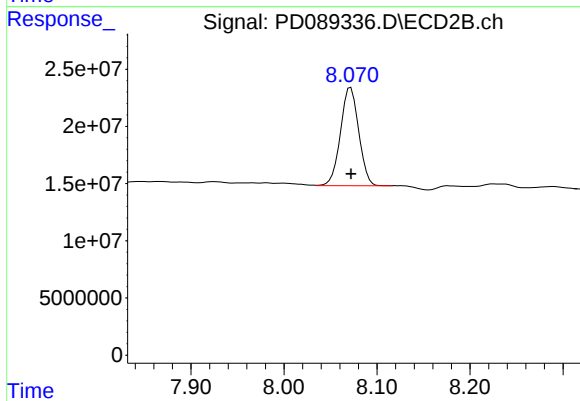
## #1 Tetrachloro-m-xylene

R.T.: 2.880 min  
Delta R.T.: -0.001 min  
Response: 220552327  
Conc: 13.01 ng/ml m



## #28 Decachlorobiphenyl

R.T.: 9.074 min  
Delta R.T.: 0.002 min  
Response: 25051129  
Conc: 6.38 ng/ml



## #28 Decachlorobiphenyl

R.T.: 8.070 min  
Delta R.T.: -0.002 min  
Response: 117189506  
Conc: 5.93 ng/ml m

## Report of Analysis

|                    |                                            |                    |                     |
|--------------------|--------------------------------------------|--------------------|---------------------|
| Client:            | Walsh Construction Company II, LLC         | Date Collected:    | 07/01/25            |
| Project:           | Construction of Shafts 17B-18B - PN 220084 | Date Received:     | 07/01/25            |
| Client Sample ID:  | G3(0-6)                                    | SDG No.:           | Q2487               |
| Lab Sample ID:     | Q2487-11                                   | Matrix:            | SOIL                |
| Analytical Method: | 8081B                                      | % Solid:           | 91.2      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 |
| PD089344.D        | 1         | 07/03/25 10:01 | 07/07/25 12:30 | PB168725      |

| 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               | 0.15  | U         | 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 | 13.8  |           | 19 - 148 | 69%        | SPK: 20           |

## Report of Analysis

|                    |                                            |          |                    |               |           |
|--------------------|--------------------------------------------|----------|--------------------|---------------|-----------|
| Client:            | Walsh Construction Company II, LLC         |          | Date Collected:    | 07/01/25      |           |
| Project:           | Construction of Shafts 17B-18B - PN 220084 |          | Date Received:     | 07/01/25      |           |
| Client Sample ID:  | G3(0-6)                                    |          | SDG No.:           | Q2487         |           |
| Lab Sample ID:     | Q2487-11                                   |          | Matrix:            | SOIL          |           |
| Analytical Method: | 8081B                                      |          | % Solid:           | 91.2          | 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 |
| PD089344.D        | 1         | 07/03/25 10:01 | 07/07/25 12:30 | PB168725      |

| 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\PD070725\  
Data File : PD089344.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Jul 2025 12:30  
Operator : AR\AJ  
Sample : Q2487-11  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
G3(0-6)

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 07/08/2025  
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 08 02:56:19 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...          | 3.549 | 2.879 | 30097346 | 234.4E6 | 10.549 | 13.825m# |
| 2) SA Decachlor...          | 9.071 | 8.070 | 65719061 | 192.3E6 | 16.733 | 9.728 #  |

Target Compounds

-----

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070725\  
Data File : PD089344.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Jul 2025 12:30  
Operator : AR\AJ  
Sample : Q2487-11  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

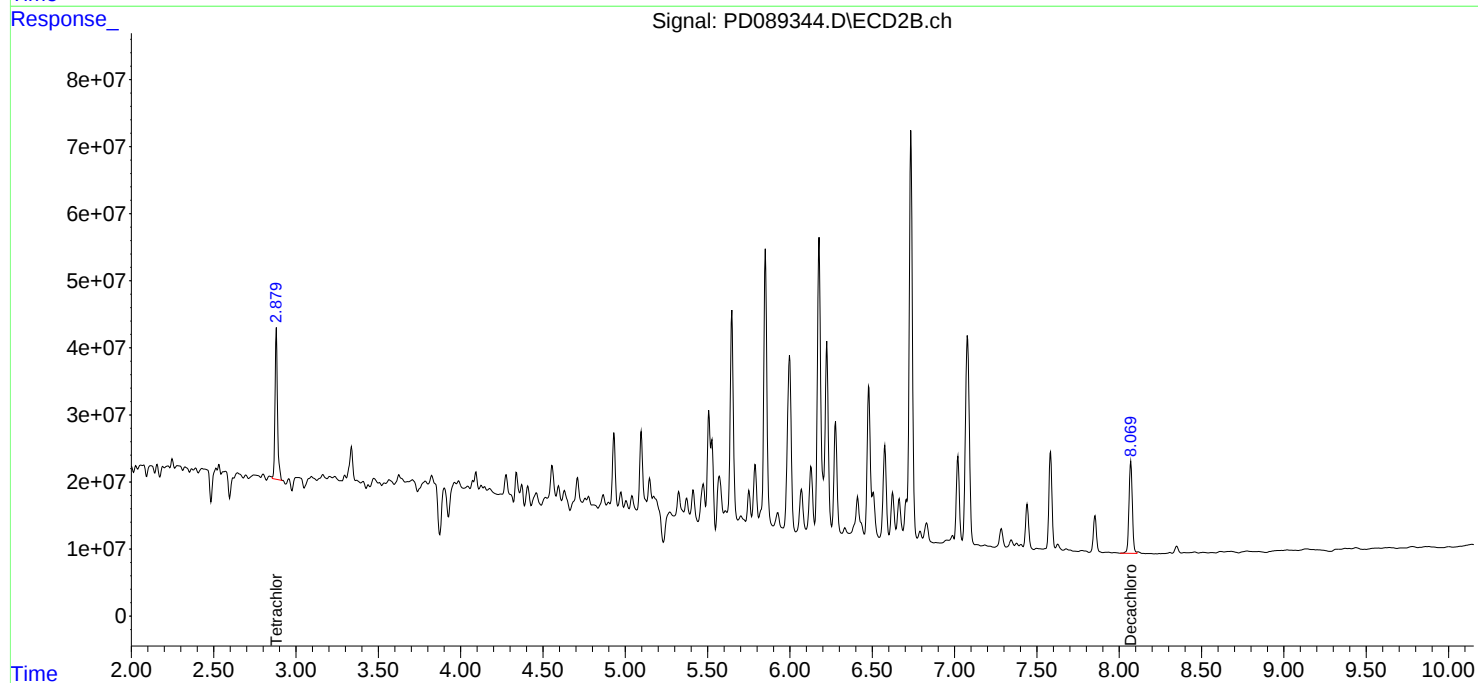
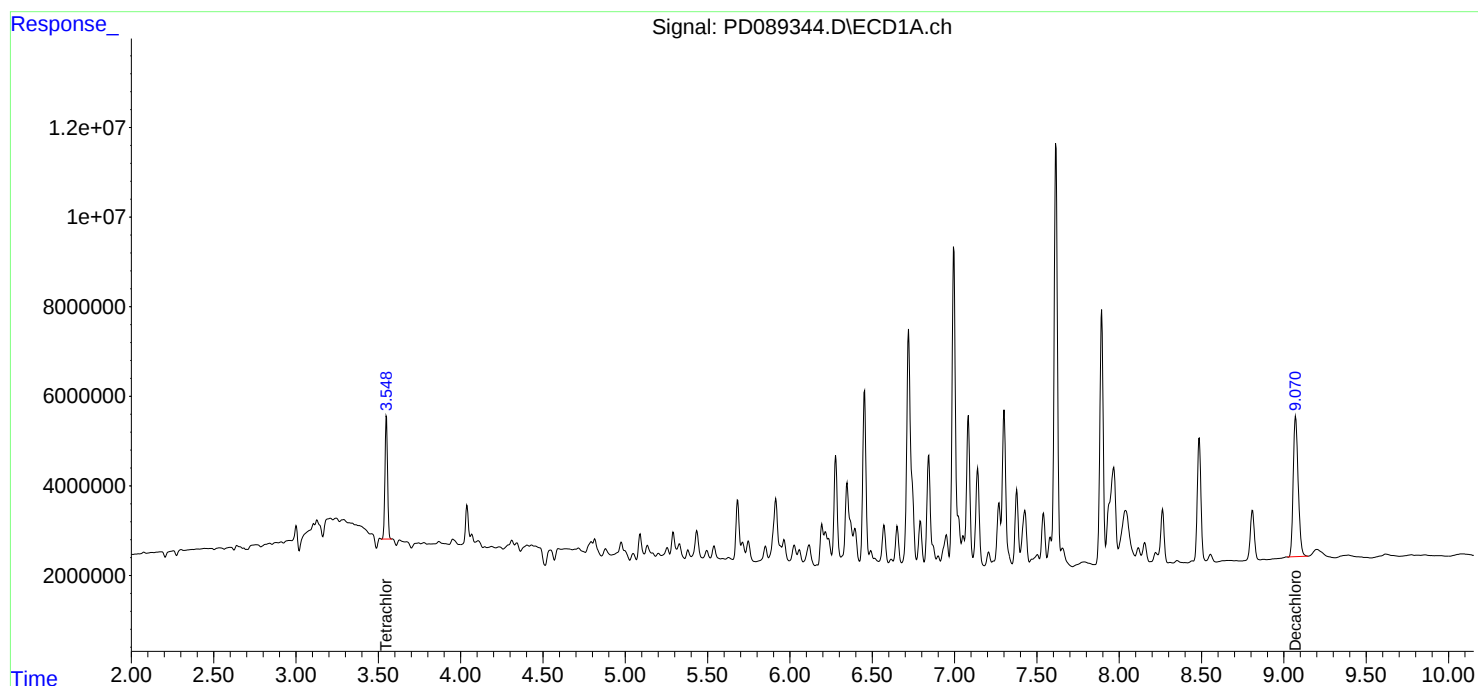
Instrument :  
ECD\_D  
ClientSampleId :  
G3(0-6)

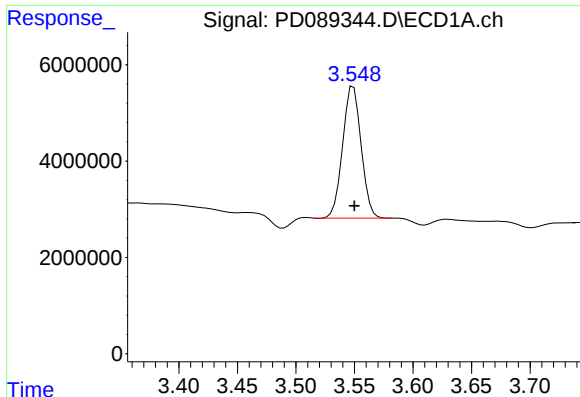
Manual Integrations  
APPROVED

Reviewed By : Abdul Mirza 07/08/2025  
Supervised By : mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 08 02:56:19 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





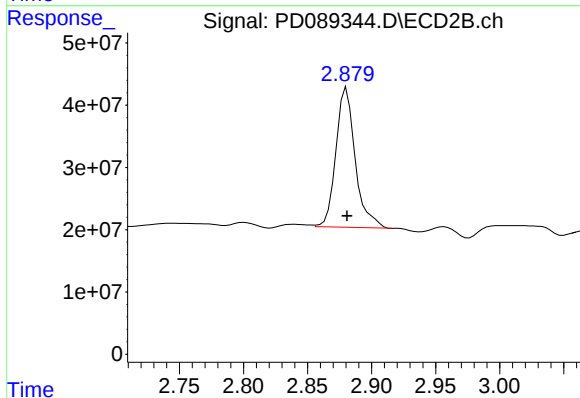
## #1 Tetrachloro-m-xylene

R.T.: 3.549 min  
Delta R.T.: 0.000 min  
Response: 30097346  
Conc: 10.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
G3(0-6)

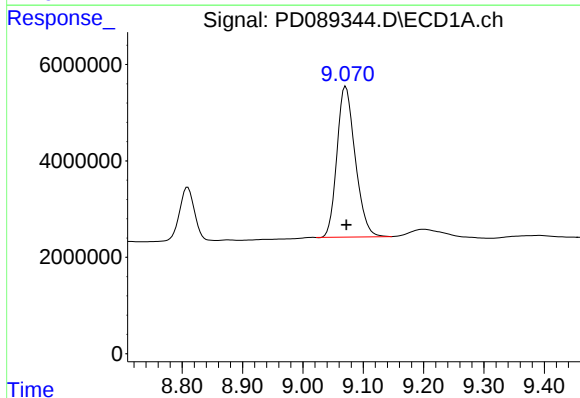
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 07/08/2025  
Supervised By :mohammad ahmed 07/10/2025



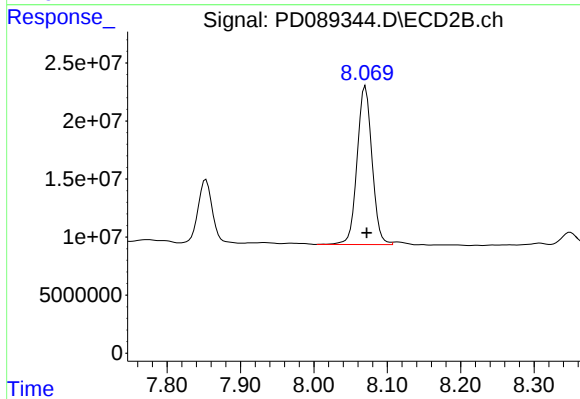
## #1 Tetrachloro-m-xylene

R.T.: 2.879 min  
Delta R.T.: -0.002 min  
Response: 234379121  
Conc: 13.83 ng/ml m



## #28 Decachlorobiphenyl

R.T.: 9.071 min  
Delta R.T.: 0.000 min  
Response: 65719061  
Conc: 16.73 ng/ml



## #28 Decachlorobiphenyl

R.T.: 8.070 min  
Delta R.T.: -0.002 min  
Response: 192320269  
Conc: 9.73 ng/ml

## Report of Analysis

|                    |                                            |          |                    |               |           |
|--------------------|--------------------------------------------|----------|--------------------|---------------|-----------|
| Client:            | Walsh Construction Company II, LLC         |          | Date Collected:    | 07/01/25      |           |
| Project:           | Construction of Shafts 17B-18B - PN 220084 |          | Date Received:     | 07/01/25      |           |
| Client Sample ID:  | G3(6-12)                                   |          | SDG No.:           | Q2487         |           |
| Lab Sample ID:     | Q2487-12                                   |          | Matrix:            | SOIL          |           |
| Analytical Method: | 8081B                                      |          | % Solid:           | 70.2          | 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 |
| PD089345.D        | 1         | 07/03/25 10:01 | 07/07/25 12:44 | PB168725      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 319-84-6          | alpha-BHC            | 0.19  | U         | 0.19     | 2.40       | ug/kg             |
| 319-85-7          | beta-BHC             | 0.26  | U         | 0.26     | 2.40       | ug/kg             |
| 319-86-8          | delta-BHC            | 0.56  | U         | 0.56     | 2.40       | ug/kg             |
| 58-89-9           | gamma-BHC (Lindane)  | 0.20  | U         | 0.20     | 2.40       | ug/kg             |
| 76-44-8           | Heptachlor           | 0.17  | U         | 0.17     | 2.40       | ug/kg             |
| 309-00-2          | Aldrin               | 0.17  | U         | 0.17     | 2.40       | ug/kg             |
| 1024-57-3         | Heptachlor epoxide   | 0.27  | U         | 0.27     | 2.40       | ug/kg             |
| 959-98-8          | Endosulfan I         | 0.20  | U         | 0.20     | 2.40       | ug/kg             |
| 60-57-1           | Dieldrin             | 0.20  | U         | 0.20     | 2.40       | ug/kg             |
| 72-55-9           | 4,4-DDE              | 0.20  | U         | 0.20     | 2.40       | ug/kg             |
| 72-20-8           | Endrin               | 0.20  | U         | 0.20     | 2.40       | ug/kg             |
| 33213-65-9        | Endosulfan II        | 0.41  | U         | 0.41     | 2.40       | ug/kg             |
| 72-54-8           | 4,4-DDD              | 0.21  | U         | 0.21     | 2.40       | ug/kg             |
| 1031-07-8         | Endosulfan Sulfate   | 0.19  | U         | 0.19     | 2.40       | ug/kg             |
| 50-29-3           | 4,4-DDT              | 0.20  | U         | 0.20     | 2.40       | ug/kg             |
| 72-43-5           | Methoxychlor         | 0.53  | U         | 0.53     | 2.40       | ug/kg             |
| 53494-70-5        | Endrin ketone        | 0.27  | U         | 0.27     | 2.40       | ug/kg             |
| 7421-93-4         | Endrin aldehyde      | 0.53  | U         | 0.53     | 2.40       | ug/kg             |
| 5103-71-9         | alpha-Chlordane      | 0.17  | U         | 0.17     | 2.40       | ug/kg             |
| 5103-74-2         | gamma-Chlordane      | 0.21  | U         | 0.21     | 2.40       | ug/kg             |
| 8001-35-2         | Toxaphene            | 7.70  | U         | 7.70     | 47.0       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 11.6  |           | 20 - 144 | 58%        | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 18.6  |           | 19 - 148 | 93%        | SPK: 20           |

## Report of Analysis

|                    |                                            |                    |               |
|--------------------|--------------------------------------------|--------------------|---------------|
| Client:            | Walsh Construction Company II, LLC         | Date Collected:    | 07/01/25      |
| Project:           | Construction of Shafts 17B-18B - PN 220084 | Date Received:     | 07/01/25      |
| Client Sample ID:  | G3(6-12)                                   | SDG No.:           | Q2487         |
| Lab Sample ID:     | Q2487-12                                   | Matrix:            | SOIL          |
| Analytical Method: | 8081B                                      | % Solid:           | 70.2          |
| Sample Wt/Vol:     | 30.03                                      | 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 |
| PD089345.D        | 1         | 07/03/25 10:01 | 07/07/25 12:44 | PB168725      |

| 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\PD070725\  
Data File : PD089345.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Jul 2025 12:44  
Operator : AR\AJ  
Sample : Q2487-12  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
G3(6-12)

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 07/08/2025  
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 08 02:56:28 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 | 2.879 | 46474999 | 315.3E6 | 16.289 | 18.600m |
| 2)                          | SA Decachlor... | 9.071 | 8.069 | 45616157 | 173.9E6 | 11.614 | 8.796m  |

Target Compounds

-----

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070725\  
Data File : PD089345.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Jul 2025 12:44  
Operator : AR\AJ  
Sample : Q2487-12  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

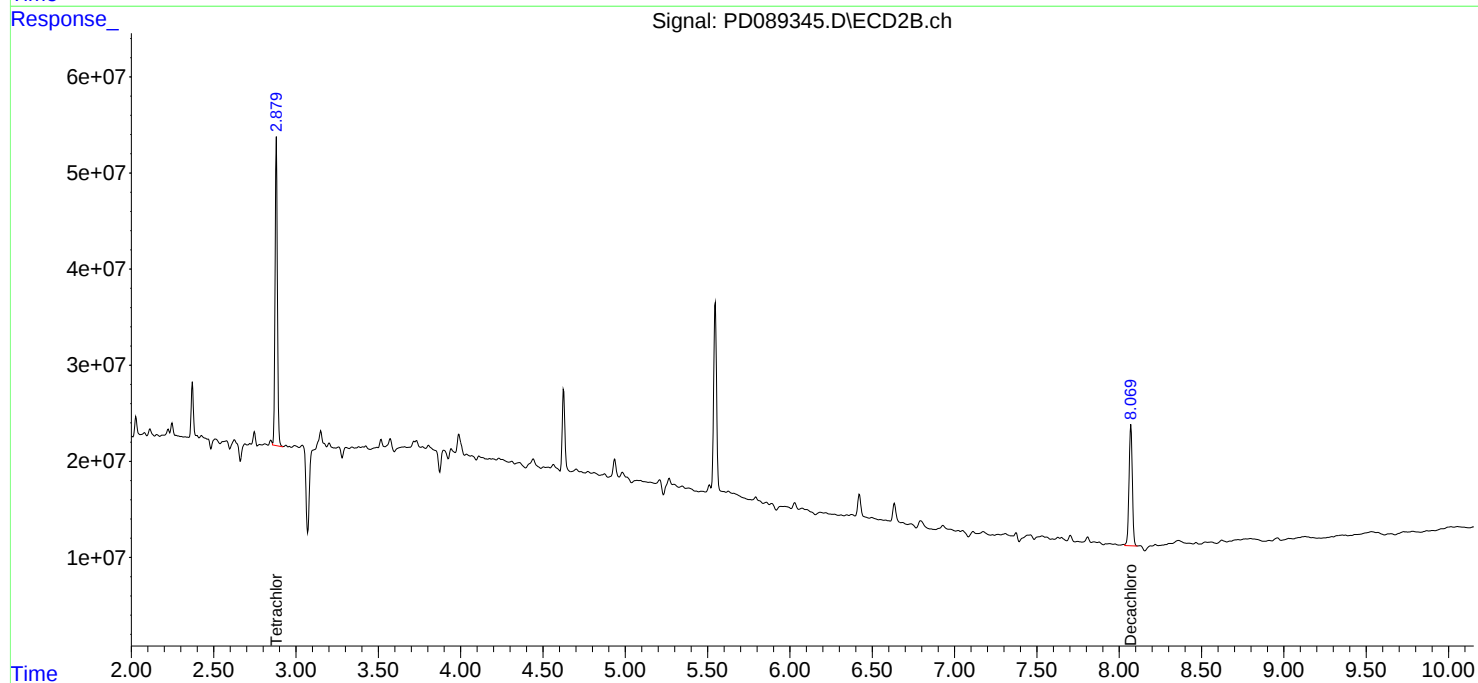
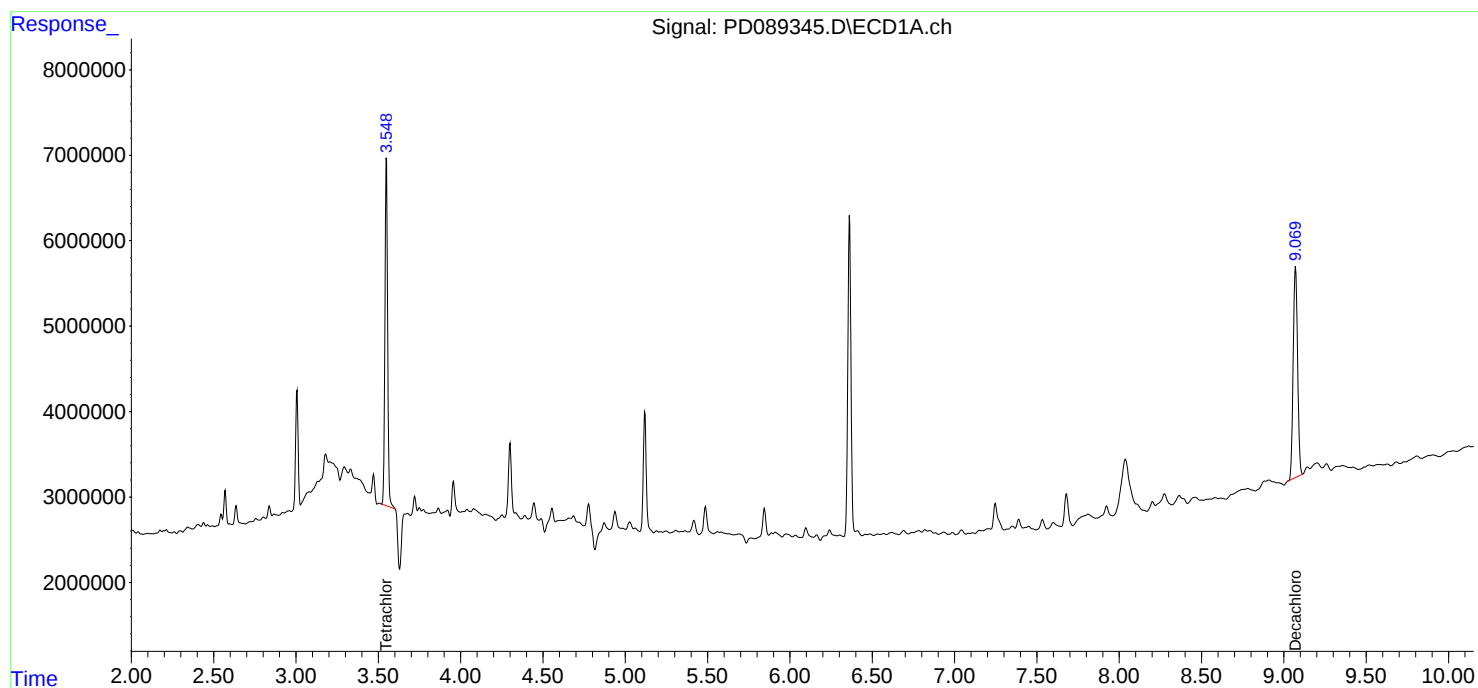
Instrument :  
ECD\_D  
ClientSampleId :  
G3(6-12)

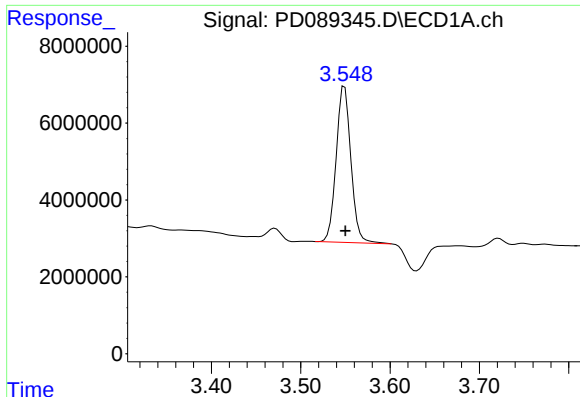
Manual Integrations  
APPROVED

Reviewed By : Abdul Mirza 07/08/2025  
Supervised By : mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 08 02:56:28 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





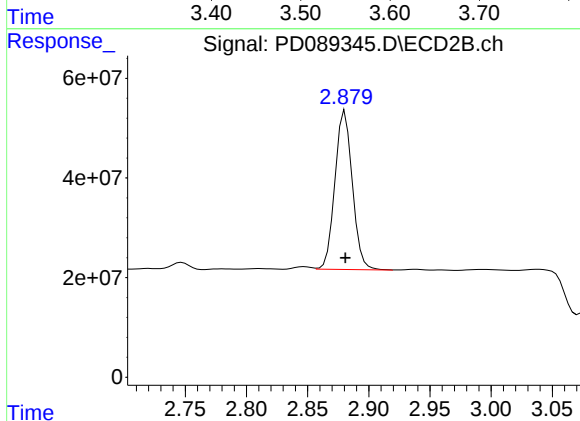
## #1 Tetrachloro-m-xylene

R.T.: 3.549 min  
Delta R.T.: 0.000 min  
Response: 46474999  
Conc: 16.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
G3(6-12)

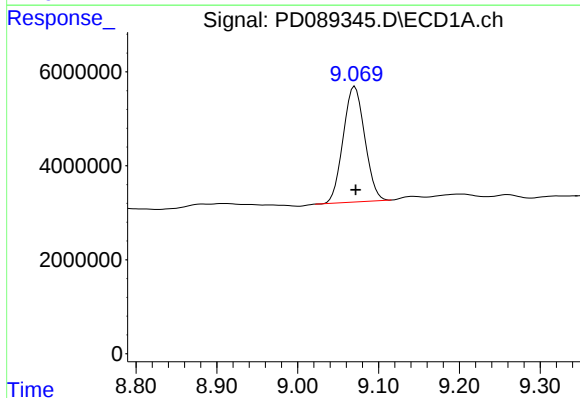
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 07/08/2025  
Supervised By :mohammad ahmed 07/10/2025



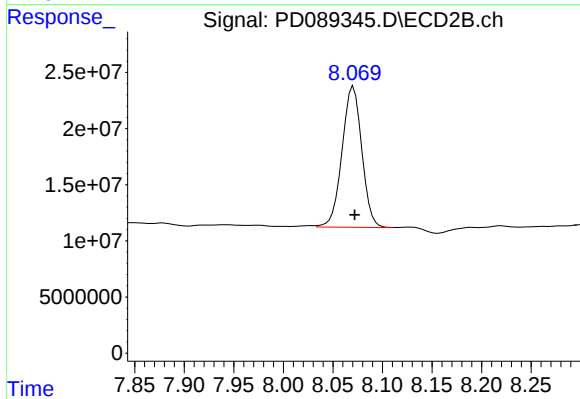
## #1 Tetrachloro-m-xylene

R.T.: 2.879 min  
Delta R.T.: -0.002 min  
Response: 315325016  
Conc: 18.60 ng/ml m



## #28 Decachlorobiphenyl

R.T.: 9.071 min  
Delta R.T.: -0.001 min  
Response: 45616157  
Conc: 11.61 ng/ml



## #28 Decachlorobiphenyl

R.T.: 8.069 min  
Delta R.T.: -0.003 min  
Response: 173902356  
Conc: 8.80 ng/ml m

## Report of Analysis

|                    |                                            |                    |                     |
|--------------------|--------------------------------------------|--------------------|---------------------|
| Client:            | Walsh Construction Company II, LLC         | Date Collected:    | 07/01/25            |
| Project:           | Construction of Shafts 17B-18B - PN 220084 | Date Received:     | 07/01/25            |
| Client Sample ID:  | G2(0-6)                                    | SDG No.:           | Q2487               |
| Lab Sample ID:     | Q2487-13                                   | Matrix:            | SOIL                |
| Analytical Method: | 8081B                                      | % Solid:           | 89.8      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 |
| PD089346.D        | 1         | 07/03/25 10:01 | 07/07/25 12:57 | PB168725      |

| 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              | 0.16  | 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        | 0.32  | 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              | 0.16  | U         | 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     | 36.7       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 17.2  |           | 20 - 144 | 86%        | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 14.1  |           | 19 - 148 | 71%        | SPK: 20           |

## Report of Analysis

|                    |                                            |                    |                     |
|--------------------|--------------------------------------------|--------------------|---------------------|
| Client:            | Walsh Construction Company II, LLC         | Date Collected:    | 07/01/25            |
| Project:           | Construction of Shafts 17B-18B - PN 220084 | Date Received:     | 07/01/25            |
| Client Sample ID:  | G2(0-6)                                    | SDG No.:           | Q2487               |
| Lab Sample ID:     | Q2487-13                                   | Matrix:            | SOIL                |
| Analytical Method: | 8081B                                      | % Solid:           | 89.8      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 |
| PD089346.D        | 1         | 07/03/25 10:01 | 07/07/25 12:57 | PB168725      |

| 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\PD070725\  
 Data File : PD089346.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Jul 2025 12:57  
 Operator : AR\AJ  
 Sample : Q2487-13  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 G2(0-6)

**Manual Integrations**  
**APPROVED**

Reviewed By : Abdul Mirza 07/08/2025  
 Supervised By : mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 08 02:23:46 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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2  | ng/ml  | ng/ml    |
|-----------------------------|-------|-------|----------|---------|--------|----------|
| -----                       |       |       |          |         |        |          |
| System Monitoring Compounds |       |       |          |         |        |          |
| 1) SA Tetrachlo...          | 3.549 | 2.879 | 29123620 | 239.8E6 | 10.208 | 14.143m# |
| 2) SA Decachlor...          | 9.073 | 8.070 | 67480597 | 173.8E6 | 17.181 | 8.789 #  |

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070725\  
Data File : PD089346.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Jul 2025 12:57  
Operator : AR\AJ  
Sample : Q2487-13  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

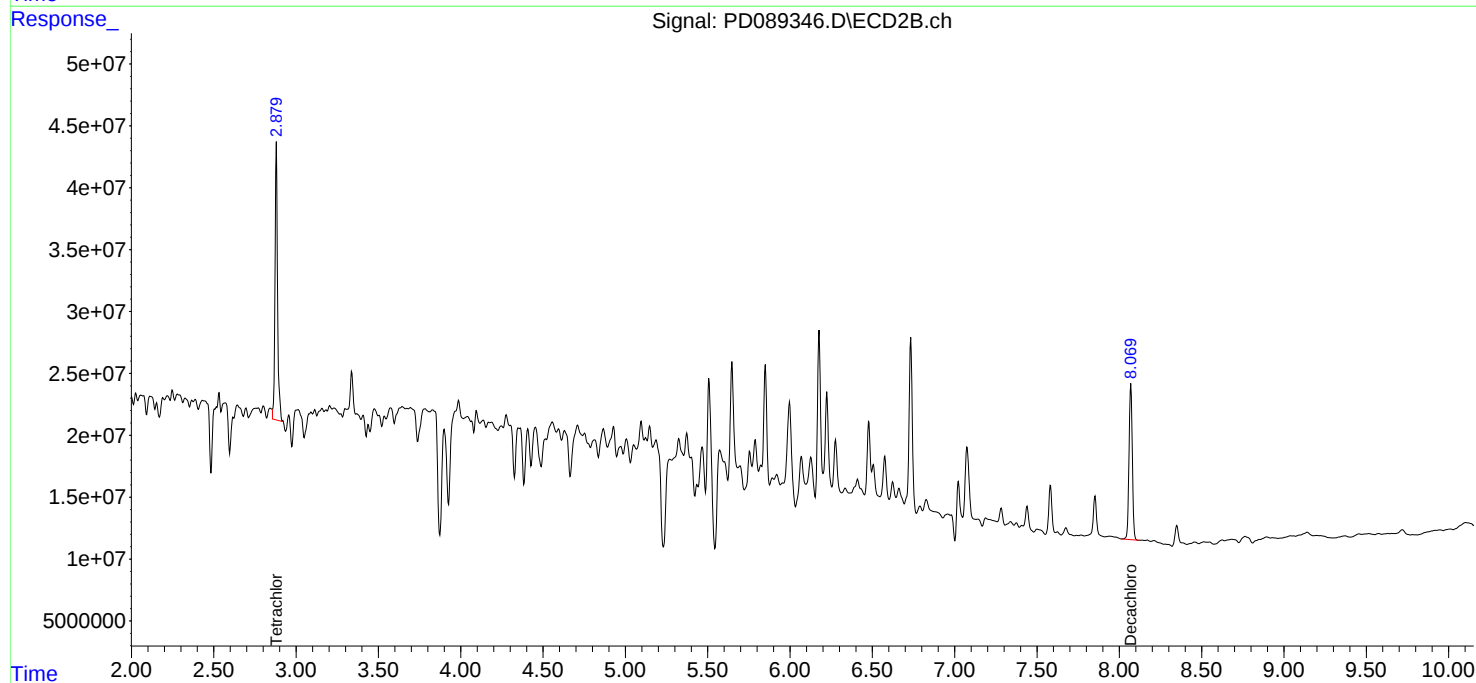
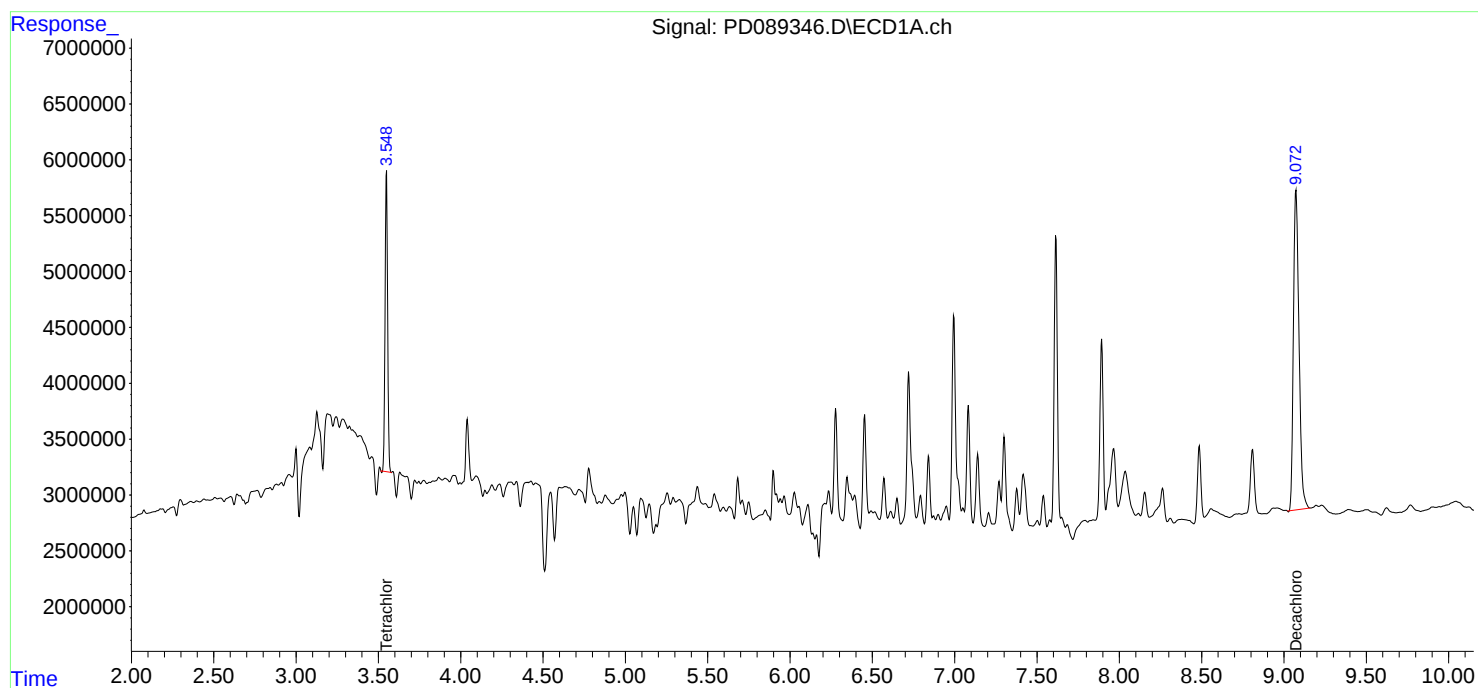
Instrument :  
ECD\_D  
ClientSampleId :  
G2(0-6)

Manual Integrations  
APPROVED

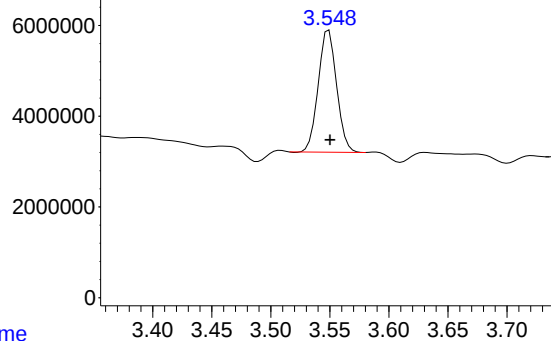
Reviewed By : Abdul Mirza 07/08/2025  
Supervised By : mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 08 02:23:46 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



Response\_ Signal: PD089346.D\ECD1A.ch



#1 Tetrachloro-m-xylene

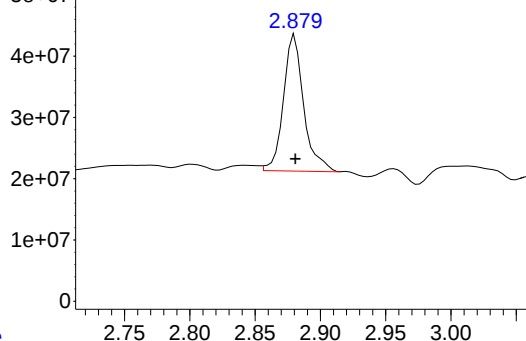
R.T.: 3.549 min  
Delta R.T.: 0.000 min  
Response: 29123620  
Conc: 10.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
G2(0-6)

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 07/08/2025  
Supervised By :mohammad ahmed 07/10/2025

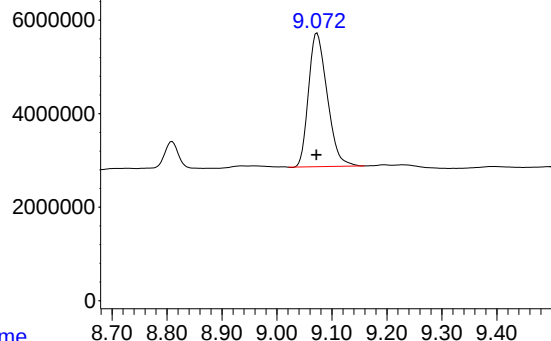
Time Response\_ Signal: PD089346.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 2.879 min  
Delta R.T.: -0.002 min  
Response: 239766889  
Conc: 14.14 ng/ml m

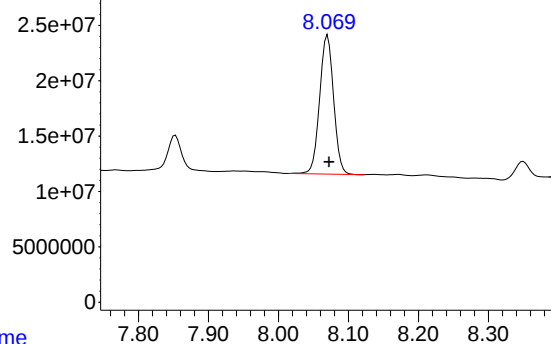
Time Response\_ Signal: PD089346.D\ECD1A.ch



#28 Decachlorobiphenyl

R.T.: 9.073 min  
Delta R.T.: 0.001 min  
Response: 67480597  
Conc: 17.18 ng/ml

Time Response\_ Signal: PD089346.D\ECD2B.ch



#28 Decachlorobiphenyl

R.T.: 8.070 min  
Delta R.T.: -0.002 min  
Response: 173757933  
Conc: 8.79 ng/ml

## Report of Analysis

|                    |                                            |                    |                     |
|--------------------|--------------------------------------------|--------------------|---------------------|
| Client:            | Walsh Construction Company II, LLC         | Date Collected:    | 07/01/25            |
| Project:           | Construction of Shafts 17B-18B - PN 220084 | Date Received:     | 07/01/25            |
| Client Sample ID:  | G2(6-12)                                   | SDG No.:           | Q2487               |
| Lab Sample ID:     | Q2487-14                                   | Matrix:            | SOIL                |
| Analytical Method: | 8081B                                      | % Solid:           | 67.7      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 |
| PD089347.D        | 1         | 07/03/25 10:01 | 07/07/25 13:11 | PB168725      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 319-84-6          | alpha-BHC            | 0.19  | U         | 0.19     | 2.50       | ug/kg             |
| 319-85-7          | beta-BHC             | 0.27  | U         | 0.27     | 2.50       | ug/kg             |
| 319-86-8          | delta-BHC            | 0.58  | U         | 0.58     | 2.50       | ug/kg             |
| 58-89-9           | gamma-BHC (Lindane)  | 0.21  | U         | 0.21     | 2.50       | ug/kg             |
| 76-44-8           | Heptachlor           | 0.18  | U         | 0.18     | 2.50       | ug/kg             |
| 309-00-2          | Aldrin               | 0.18  | U         | 0.18     | 2.50       | ug/kg             |
| 1024-57-3         | Heptachlor epoxide   | 0.28  | U         | 0.28     | 2.50       | ug/kg             |
| 959-98-8          | Endosulfan I         | 0.21  | U         | 0.21     | 2.50       | ug/kg             |
| 60-57-1           | Dieldrin             | 0.21  | U         | 0.21     | 2.50       | ug/kg             |
| 72-55-9           | 4,4-DDE              | 0.21  | U         | 0.21     | 2.50       | ug/kg             |
| 72-20-8           | Endrin               | 0.21  | U         | 0.21     | 2.50       | ug/kg             |
| 33213-65-9        | Endosulfan II        | 0.43  | U         | 0.43     | 2.50       | ug/kg             |
| 72-54-8           | 4,4-DDD              | 0.22  | U         | 0.22     | 2.50       | ug/kg             |
| 1031-07-8         | Endosulfan Sulfate   | 0.19  | U         | 0.19     | 2.50       | ug/kg             |
| 50-29-3           | 4,4-DDT              | 0.21  | U         | 0.21     | 2.50       | ug/kg             |
| 72-43-5           | Methoxychlor         | 0.55  | U         | 0.55     | 2.50       | ug/kg             |
| 53494-70-5        | Endrin ketone        | 0.28  | U         | 0.28     | 2.50       | ug/kg             |
| 7421-93-4         | Endrin aldehyde      | 0.55  | U         | 0.55     | 2.50       | ug/kg             |
| 5103-71-9         | alpha-Chlordane      | 0.18  | U         | 0.18     | 2.50       | ug/kg             |
| 5103-74-2         | gamma-Chlordane      | 0.22  | U         | 0.22     | 2.50       | ug/kg             |
| 8001-35-2         | Toxaphene            | 8.00  | U         | 8.00     | 48.7       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 8.97  |           | 20 - 144 | 45%        | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 15.6  |           | 19 - 148 | 78%        | SPK: 20           |

## Report of Analysis

|                    |                                            |                    |               |
|--------------------|--------------------------------------------|--------------------|---------------|
| Client:            | Walsh Construction Company II, LLC         | Date Collected:    | 07/01/25      |
| Project:           | Construction of Shafts 17B-18B - PN 220084 | Date Received:     | 07/01/25      |
| Client Sample ID:  | G2(6-12)                                   | SDG No.:           | Q2487         |
| Lab Sample ID:     | Q2487-14                                   | Matrix:            | SOIL          |
| Analytical Method: | 8081B                                      | % Solid:           | 67.7          |
| Sample Wt/Vol:     | 30.03                                      | 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 |
| PD089347.D        | 1         | 07/03/25 10:01 | 07/07/25 13:11 | PB168725      |

| 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\PD070725\  
Data File : PD089347.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Jul 2025 13:11  
Operator : AR\AJ  
Sample : Q2487-14  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
G2(6-12)

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 07/08/2025  
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 08 02:23:57 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 | 2.879 | 40342507 | 264.3E6 | 14.140 | 15.588m |
| 2) SA Decachlor...          | 9.070 | 8.071 | 35232315 | 138.5E6 | 8.970m | 7.006   |

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070725\  
Data File : PD089347.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Jul 2025 13:11  
Operator : AR\AJ  
Sample : Q2487-14  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

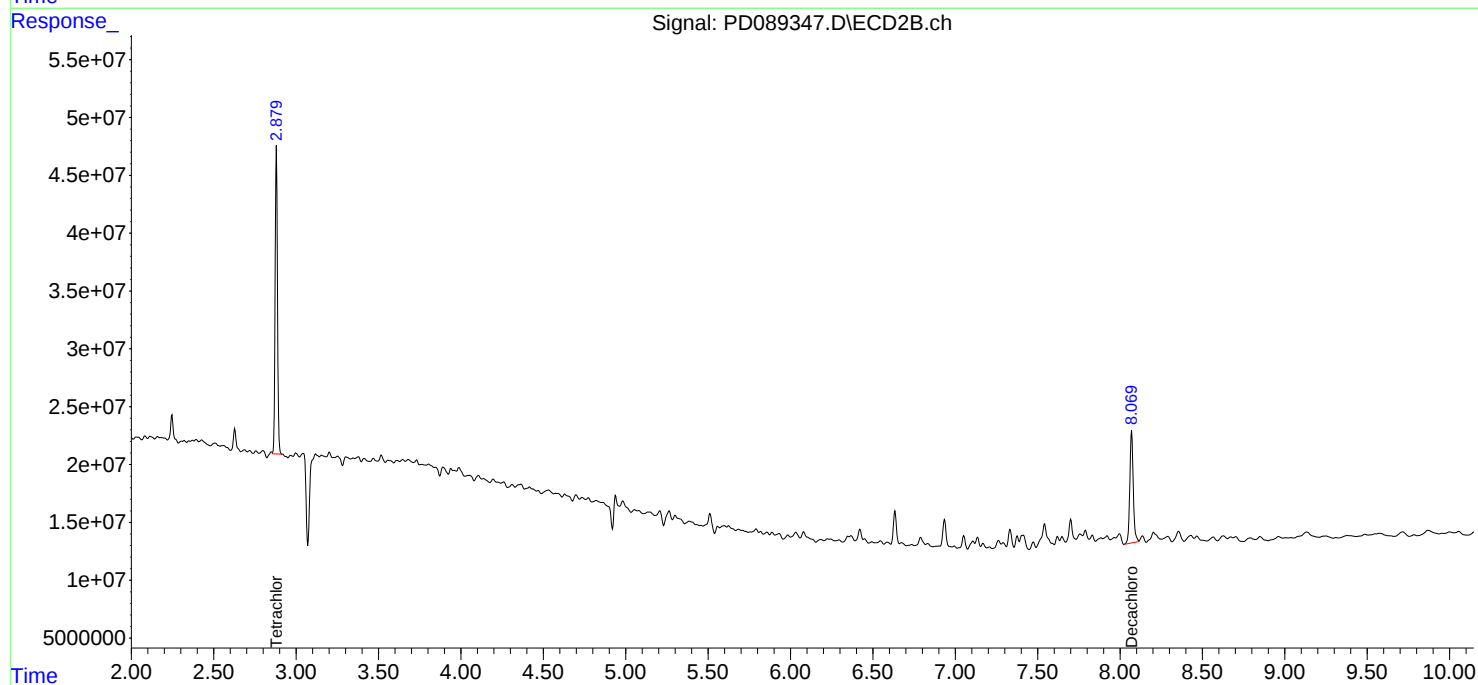
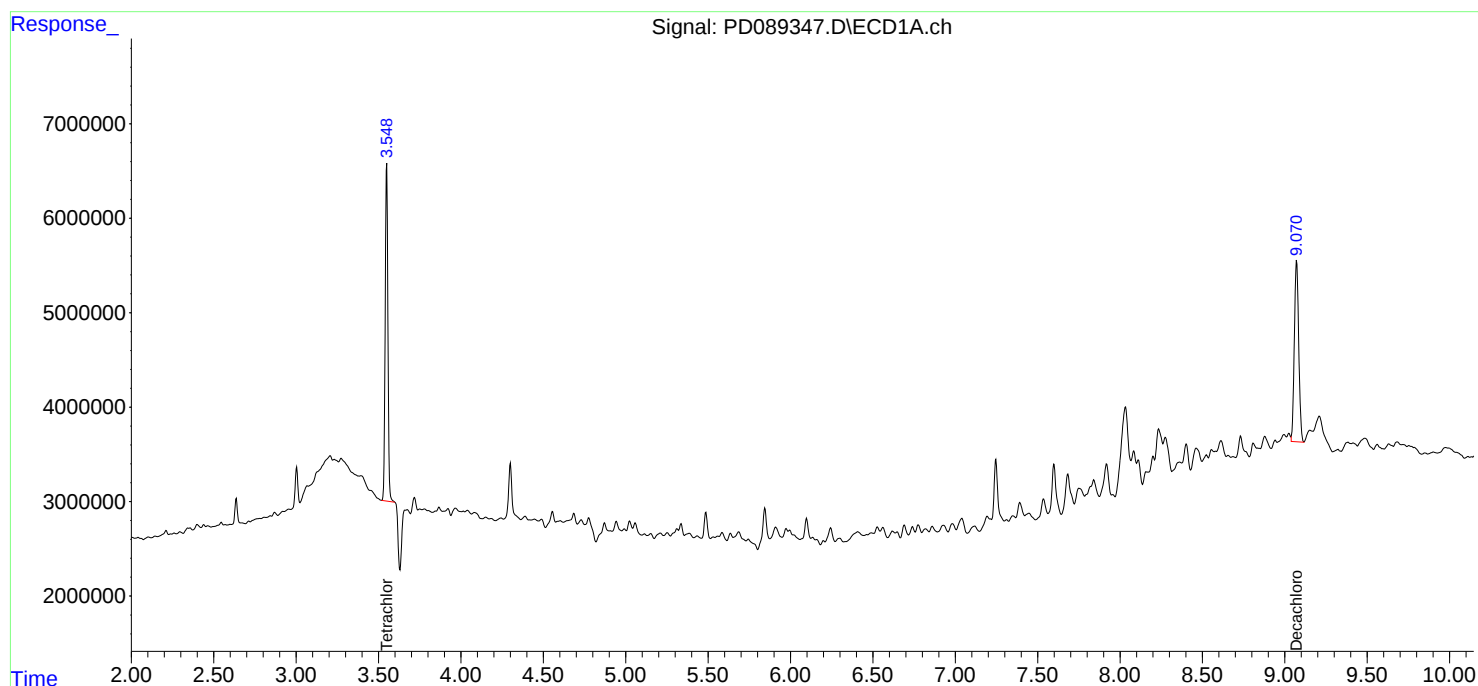
Instrument :  
ECD\_D  
ClientSampleId :  
G2(6-12)

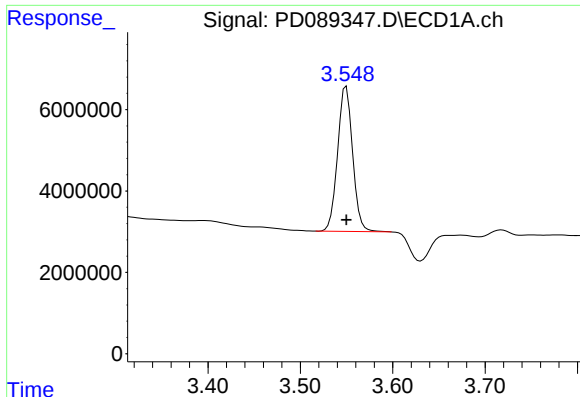
Manual Integrations  
APPROVED

Reviewed By : Abdul Mirza 07/08/2025  
Supervised By : mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 08 02:23:57 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





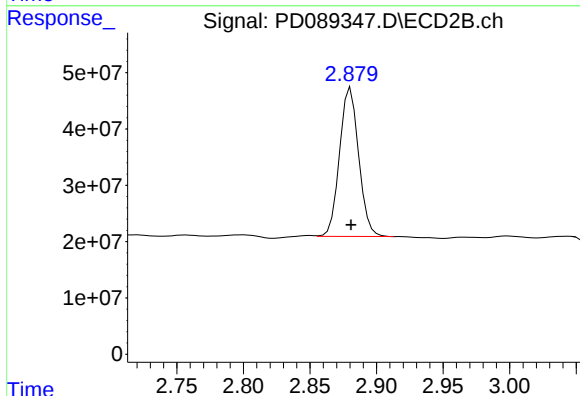
#1 Tetrachloro-m-xylene

R.T.: 3.550 min  
 Delta R.T.: 0.000 min  
 Response: 40342507  
 Conc: 14.14 ng/ml

Instrument :  
 ECD\_D  
 ClientSampleId :  
 G2(6-12)

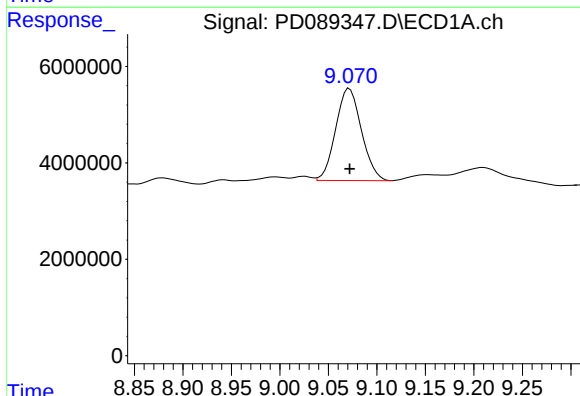
Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 07/08/2025  
 Supervised By :mohammad ahmed 07/10/2025



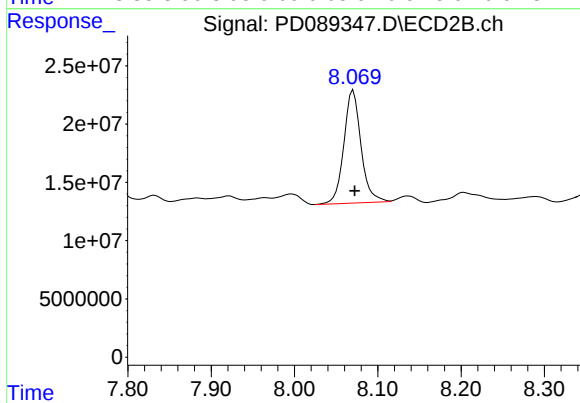
#1 Tetrachloro-m-xylene

R.T.: 2.879 min  
 Delta R.T.: -0.002 min  
 Response: 264267330  
 Conc: 15.59 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.070 min  
 Delta R.T.: -0.002 min  
 Response: 35232315  
 Conc: 8.97 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.071 min  
 Delta R.T.: -0.002 min  
 Response: 138513833  
 Conc: 7.01 ng/ml

## Report of Analysis

|                    |                                            |                    |                     |
|--------------------|--------------------------------------------|--------------------|---------------------|
| Client:            | Walsh Construction Company II, LLC         | Date Collected:    | 07/01/25            |
| Project:           | Construction of Shafts 17B-18B - PN 220084 | Date Received:     | 07/01/25            |
| Client Sample ID:  | G1(0-6)                                    | SDG No.:           | Q2487               |
| Lab Sample ID:     | Q2487-15                                   | Matrix:            | SOIL                |
| Analytical Method: | 8081B                                      | % Solid:           | 80.7      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 |
| PD089348.D        | 1         | 07/03/25 10:01 | 07/07/25 13:28 | PB168725      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 319-84-6          | alpha-BHC            | 0.16  | U         | 0.16     | 2.10       | ug/kg             |
| 319-85-7          | beta-BHC             | 0.22  | U         | 0.22     | 2.10       | ug/kg             |
| 319-86-8          | delta-BHC            | 0.48  | U         | 0.48     | 2.10       | ug/kg             |
| 58-89-9           | gamma-BHC (Lindane)  | 0.17  | U         | 0.17     | 2.10       | ug/kg             |
| 76-44-8           | Heptachlor           | 0.15  | U         | 0.15     | 2.10       | ug/kg             |
| 309-00-2          | Aldrin               | 0.15  | U         | 0.15     | 2.10       | ug/kg             |
| 1024-57-3         | Heptachlor epoxide   | 0.24  | U         | 0.24     | 2.10       | ug/kg             |
| 959-98-8          | Endosulfan I         | 0.17  | U         | 0.17     | 2.10       | ug/kg             |
| 60-57-1           | Dieldrin             | 0.17  | U         | 0.17     | 2.10       | ug/kg             |
| 72-55-9           | 4,4-DDE              | 0.17  | U         | 0.17     | 2.10       | ug/kg             |
| 72-20-8           | Endrin               | 0.17  | U         | 0.17     | 2.10       | ug/kg             |
| 33213-65-9        | Endosulfan II        | 0.36  | U         | 0.36     | 2.10       | ug/kg             |
| 72-54-8           | 4,4-DDD              | 0.19  | U         | 0.19     | 2.10       | ug/kg             |
| 1031-07-8         | Endosulfan Sulfate   | 0.16  | U         | 0.16     | 2.10       | ug/kg             |
| 50-29-3           | 4,4-DDT              | 0.17  | U         | 0.17     | 2.10       | ug/kg             |
| 72-43-5           | Methoxychlor         | 0.46  | U         | 0.46     | 2.10       | ug/kg             |
| 53494-70-5        | Endrin ketone        | 0.24  | U         | 0.24     | 2.10       | ug/kg             |
| 7421-93-4         | Endrin aldehyde      | 0.46  | U         | 0.46     | 2.10       | ug/kg             |
| 5103-71-9         | alpha-Chlordane      | 0.15  | U         | 0.15     | 2.10       | ug/kg             |
| 5103-74-2         | gamma-Chlordane      | 0.19  | U         | 0.19     | 2.10       | ug/kg             |
| 8001-35-2         | Toxaphene            | 6.70  | U         | 6.70     | 40.8       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 25.0  |           | 20 - 144 | 125%       | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 14.5  |           | 19 - 148 | 72%        | SPK: 20           |

## Report of Analysis

|                    |                                            |                    |               |
|--------------------|--------------------------------------------|--------------------|---------------|
| Client:            | Walsh Construction Company II, LLC         | Date Collected:    | 07/01/25      |
| Project:           | Construction of Shafts 17B-18B - PN 220084 | Date Received:     | 07/01/25      |
| Client Sample ID:  | G1(0-6)                                    | SDG No.:           | Q2487         |
| Lab Sample ID:     | Q2487-15                                   | Matrix:            | SOIL          |
| Analytical Method: | 8081B                                      | % Solid:           | 80.7          |
| Sample Wt/Vol:     | 30.04                                      | 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 |
| PD089348.D        | 1         | 07/03/25 10:01 | 07/07/25 13:28 | PB168725      |

| 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\PD070725\  
 Data File : PD089348.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Jul 2025 13:28  
 Operator : AR\AJ  
 Sample : Q2487-15  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 G1(0-6)

**Manual Integrations**  
**APPROVED**

Reviewed By :Abdul Mirza 07/08/2025  
 Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 08 02:24:11 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...          | 3.552 | 2.879 | 30656350 | 245.5E6 | 10.745m | 14.483m# |
| 28) SA Decachlor...         | 9.077 | 8.072 | 98262472 | 270.8E6 | 25.018  | 13.699 # |

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070725\  
Data File : PD089348.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Jul 2025 13:28  
Operator : AR\AJ  
Sample : Q2487-15  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

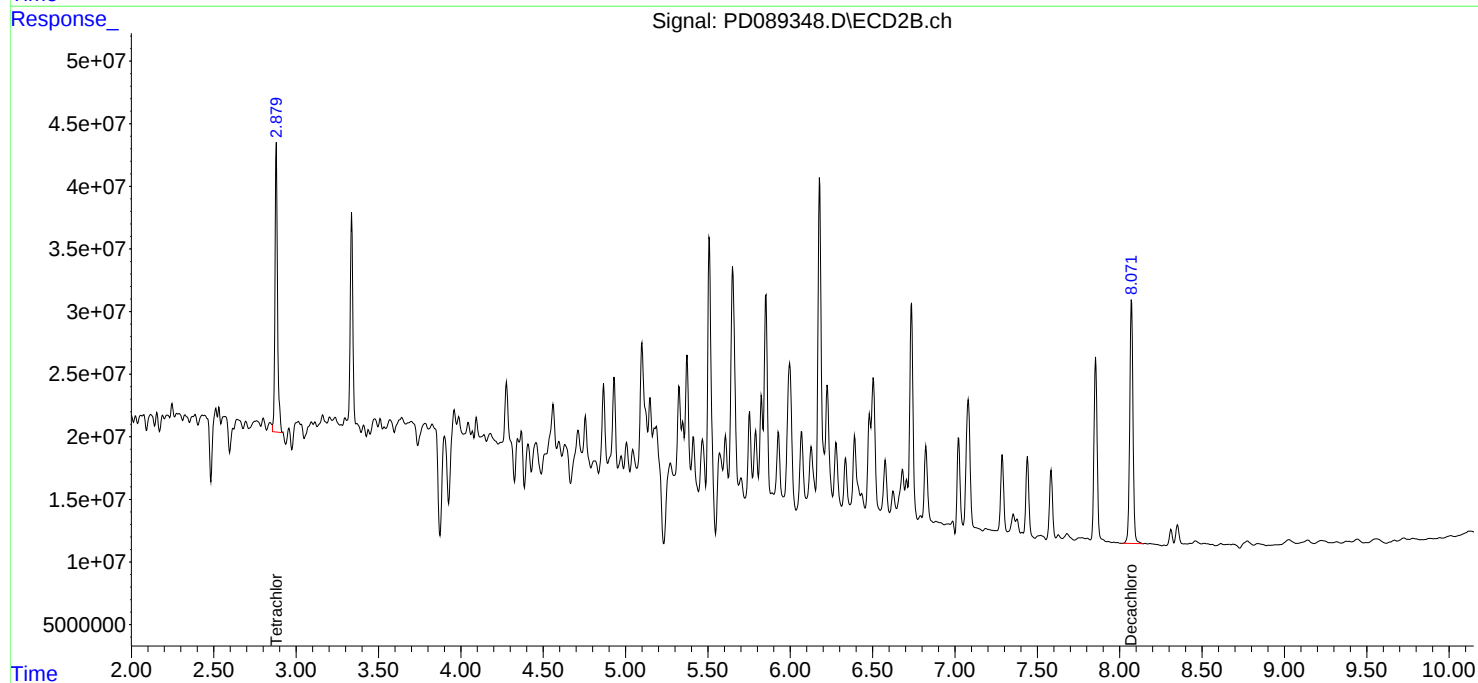
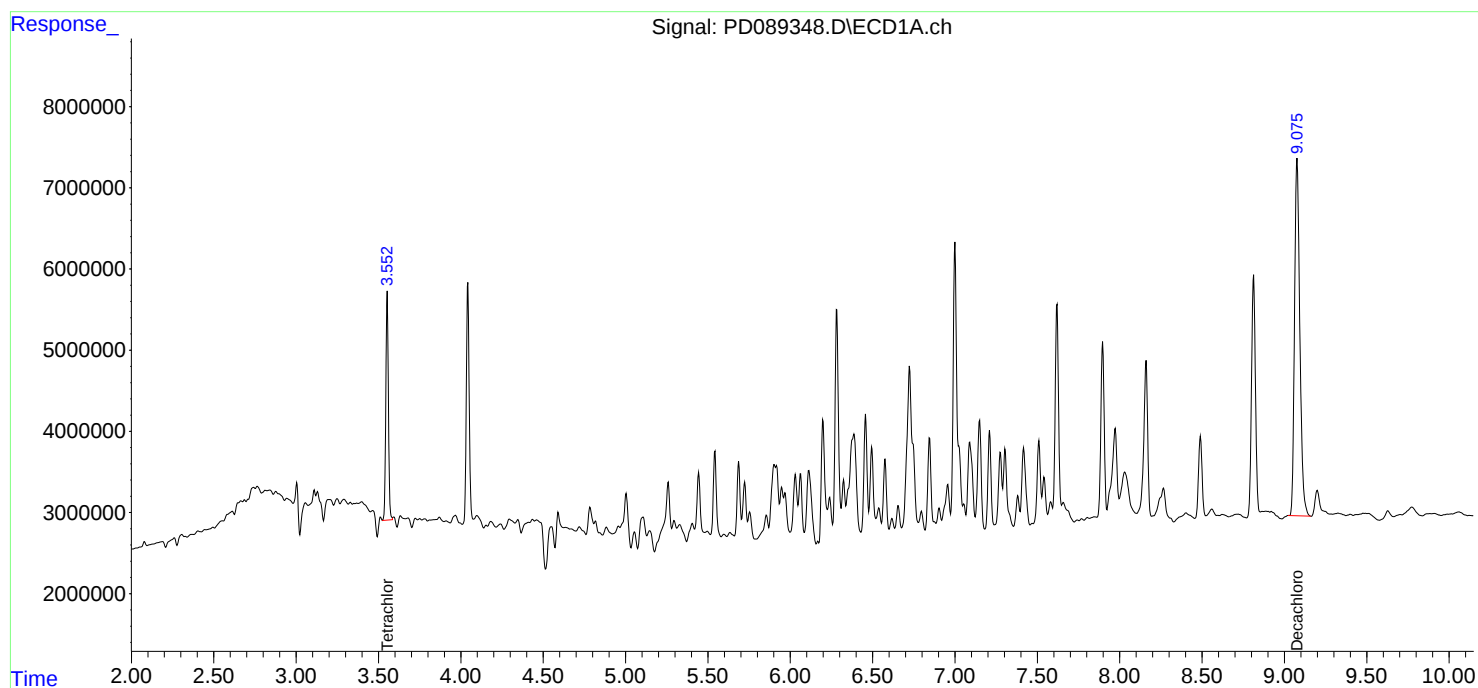
Instrument :  
ECD\_D  
ClientSampleId :  
G1(0-6)

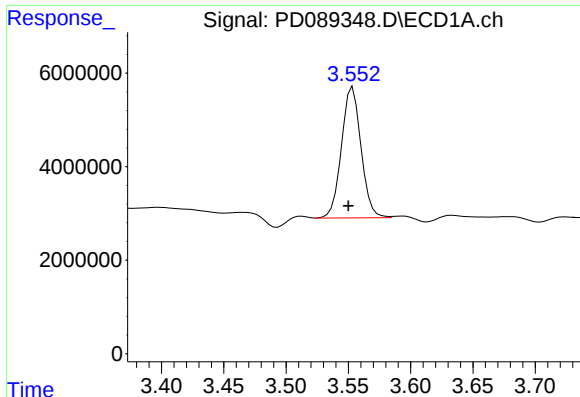
Manual Integrations  
APPROVED

Reviewed By : Abdul Mirza 07/08/2025  
Supervised By : mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 08 02:24:11 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





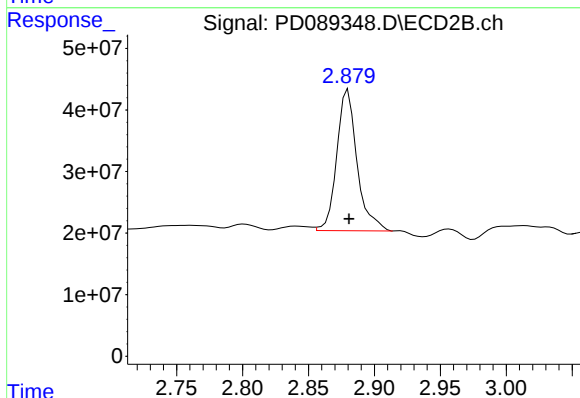
## #1 Tetrachloro-m-xylene

R.T.: 3.552 min  
Delta R.T.: 0.002 min  
Response: 30656350  
Conc: 10.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
G1(0-6)

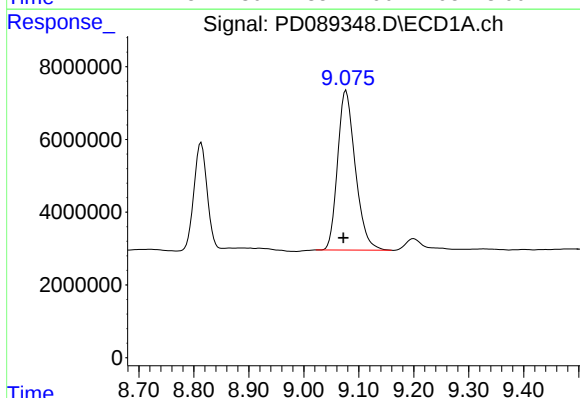
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 07/08/2025  
Supervised By :mohammad ahmed 07/10/2025



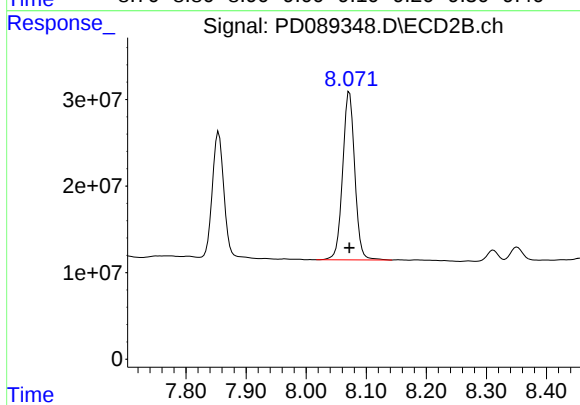
## #1 Tetrachloro-m-xylene

R.T.: 2.879 min  
Delta R.T.: -0.002 min  
Response: 245538842  
Conc: 14.48 ng/ml m



## #28 Decachlorobiphenyl

R.T.: 9.077 min  
Delta R.T.: 0.005 min  
Response: 98262472  
Conc: 25.02 ng/ml



## #28 Decachlorobiphenyl

R.T.: 8.072 min  
Delta R.T.: 0.000 min  
Response: 270829987  
Conc: 13.70 ng/ml

## Report of Analysis

|                    |                                            |          |                    |               |           |
|--------------------|--------------------------------------------|----------|--------------------|---------------|-----------|
| Client:            | Walsh Construction Company II, LLC         |          | Date Collected:    | 07/01/25      |           |
| Project:           | Construction of Shafts 17B-18B - PN 220084 |          | Date Received:     | 07/01/25      |           |
| Client Sample ID:  | G1(6-12)                                   |          | SDG No.:           | Q2487         |           |
| Lab Sample ID:     | Q2487-16                                   |          | Matrix:            | SOIL          |           |
| Analytical Method: | 8081B                                      |          | % Solid:           | 93.3          | Decanted: |
| Sample Wt/Vol:     | 30.05                                      | 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 |
| PD089349.D        | 1         | 07/03/25 10:01 | 07/07/25 13:42 | PB168725      |

| 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             | 0.19  | U         | 0.19     | 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   | 0.20  | U         | 0.20     | 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        | 0.20  | U         | 0.20     | 1.80       | ug/kg             |
| 7421-93-4         | Endrin aldehyde      | 0.40  | U         | 0.40     | 1.80       | ug/kg             |
| 5103-71-9         | alpha-Chlordane      | 0.13  | U         | 0.13     | 1.80       | ug/kg             |
| 5103-74-2         | gamma-Chlordane      | 0.16  | U         | 0.16     | 1.80       | ug/kg             |
| 8001-35-2         | Toxaphene            | 5.80  | U         | 5.80     | 35.3       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 7.13  |           | 20 - 144 | 36%        | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 12.3  |           | 19 - 148 | 61%        | SPK: 20           |

## Report of Analysis

|                    |                                            |                    |               |
|--------------------|--------------------------------------------|--------------------|---------------|
| Client:            | Walsh Construction Company II, LLC         | Date Collected:    | 07/01/25      |
| Project:           | Construction of Shafts 17B-18B - PN 220084 | Date Received:     | 07/01/25      |
| Client Sample ID:  | G1(6-12)                                   | SDG No.:           | Q2487         |
| Lab Sample ID:     | Q2487-16                                   | Matrix:            | SOIL          |
| Analytical Method: | 8081B                                      | % Solid:           | 93.3          |
| Sample Wt/Vol:     | 30.05                                      | 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 |
| PD089349.D        | 1         | 07/03/25 10:01 | 07/07/25 13:42 | PB168725      |

| 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\PD070725\  
 Data File : PD089349.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Jul 2025 13:42  
 Operator : AR\AJ  
 Sample : Q2487-16  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 G1(6-12)

### Manual Integrations APPROVED

Reviewed By : Abdul Mirza 07/08/2025  
 Supervised By : mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 08 02:24:22 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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2  | ng/ml  | ng/ml   |
|-----------------------------|-------|-------|----------|---------|--------|---------|
| -----                       |       |       |          |         |        |         |
| System Monitoring Compounds |       |       |          |         |        |         |
| 1) SA Tetrachlo...          | 3.550 | 2.880 | 28613664 | 207.6E6 | 10.029 | 12.248m |
| 28) SA Decachlor...         | 9.070 | 8.071 | 27989882 | 119.3E6 | 7.126  | 6.033   |

### Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070725\  
Data File : PD089349.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Jul 2025 13:42  
Operator : AR\AJ  
Sample : Q2487-16  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

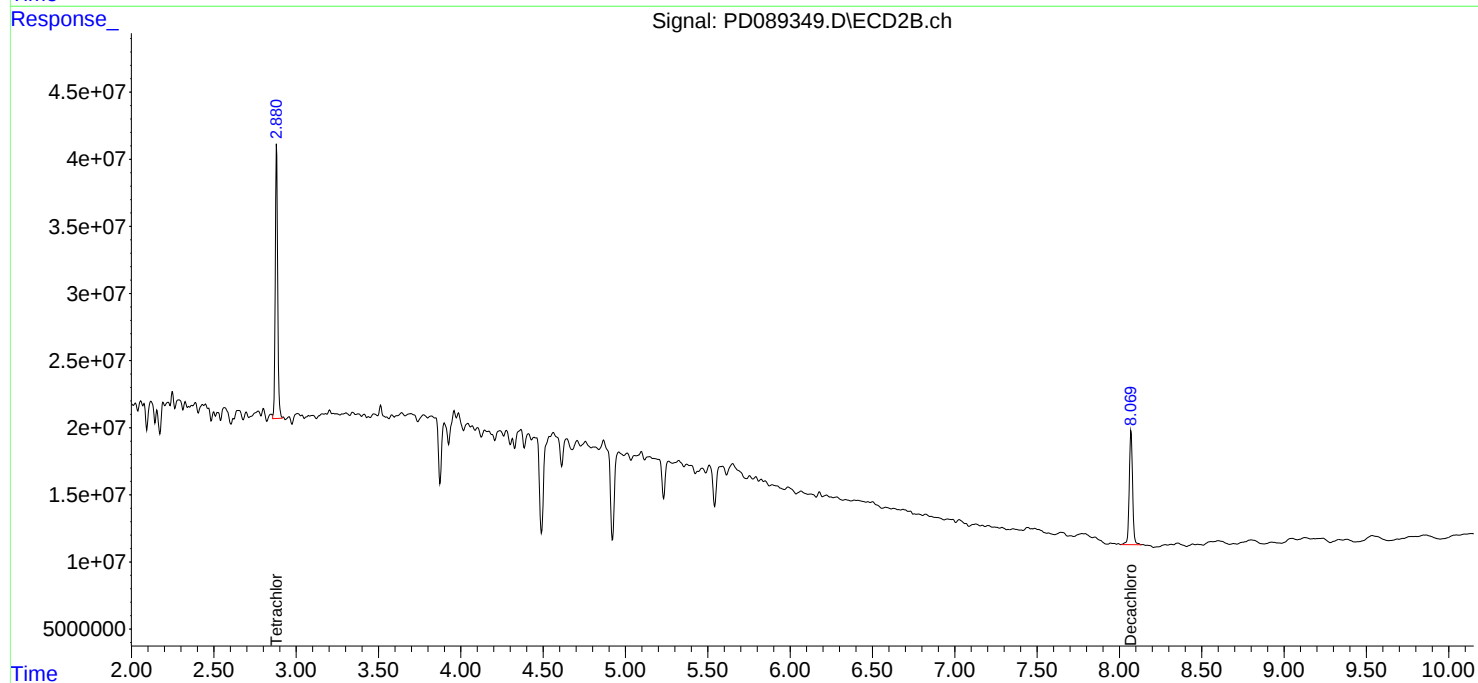
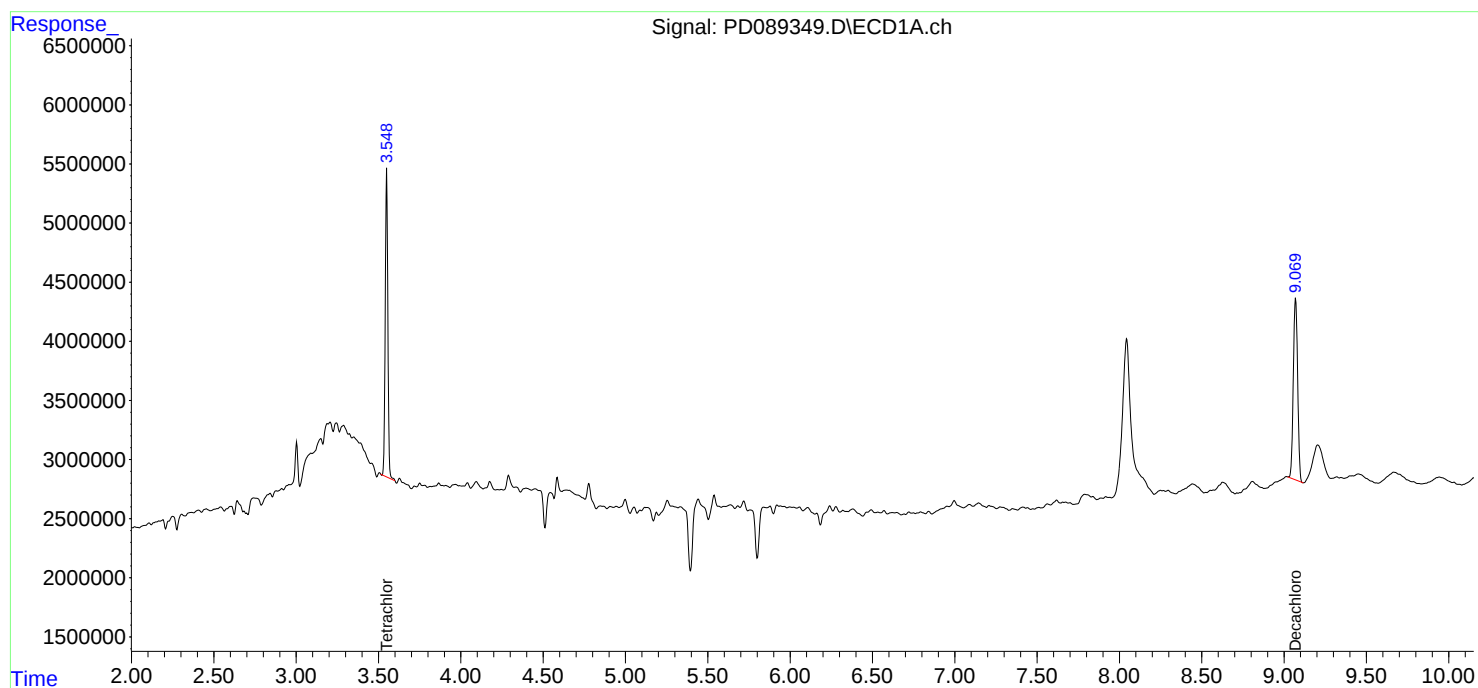
Instrument :  
ECD\_D  
ClientSampleId :  
G1(6-12)

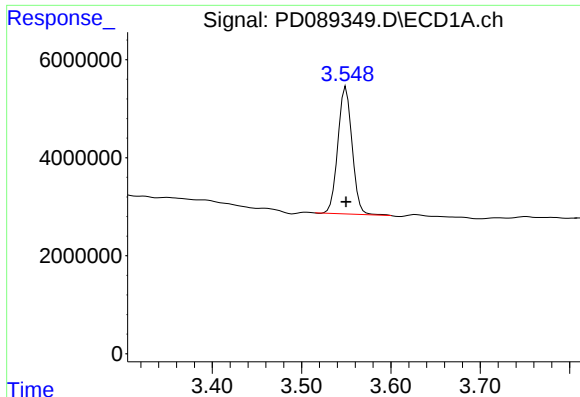
Manual Integrations  
APPROVED

Reviewed By : Abdul Mirza 07/08/2025  
Supervised By : mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 08 02:24:22 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





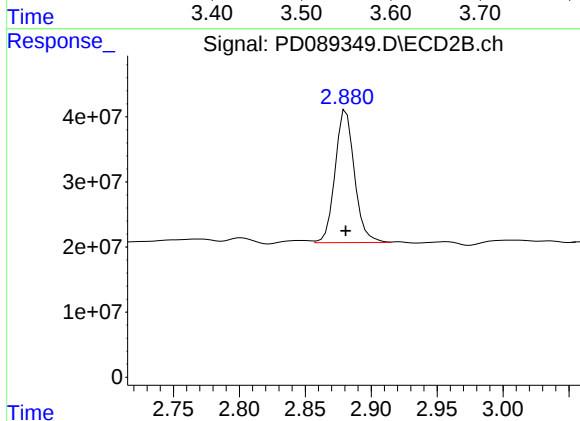
## #1 Tetrachloro-m-xylene

R.T.: 3.550 min  
Delta R.T.: 0.000 min  
Response: 28613664  
Conc: 10.03 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
G1(6-12)

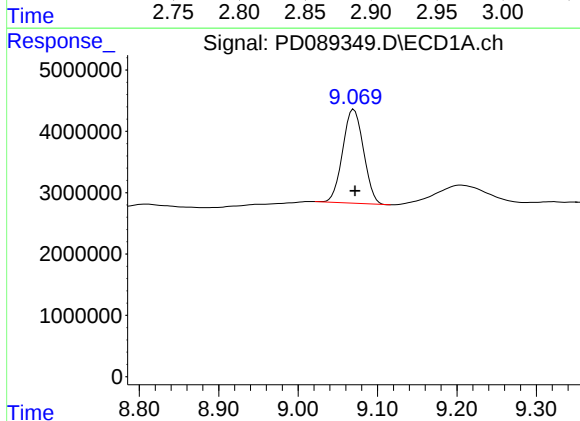
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 07/08/2025  
Supervised By :mohammad ahmed 07/10/2025



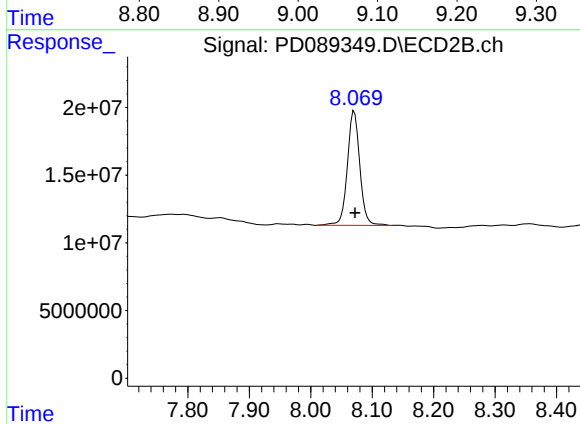
## #1 Tetrachloro-m-xylene

R.T.: 2.880 min  
Delta R.T.: -0.001 min  
Response: 207639465  
Conc: 12.25 ng/ml m



## #28 Decachlorobiphenyl

R.T.: 9.070 min  
Delta R.T.: -0.002 min  
Response: 27989882  
Conc: 7.13 ng/ml



## #28 Decachlorobiphenyl

R.T.: 8.071 min  
Delta R.T.: -0.001 min  
Response: 119268220  
Conc: 6.03 ng/ml



# CALIBRATION SUMMARY

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

LAB FILE ID: RT 100 = PD088993.D RT 075 = PD088994.D  
RT 050 = PD088995.D RT 025 = PD088996.D RT 005 = PD088997.D

[illegible]

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

LAB FILE ID: RT 100 = PD088993.D RT 075 = PD088994.D  
RT 050 = PD088995.D RT 025 = PD088996.D RT 005 = PD088997.D

[illegible]



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

### CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance  
Lab Code: ACE  
Instrument ID: ECD\_D

Contract: WALS01  
SDG NO.: Q2487

Calibration Date(s): 06/17/2025 06/17/2025  
Calibration Times: 15:52 16:47

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

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



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### CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance  
Lab Code: ACE  
Instrument ID: ECD\_D

Contract: WALS01  
SDG NO.: Q2487

Calibration Date(s): 06/17/2025 06/17/2025  
Calibration Times: 15:52 16:47

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

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



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Fax : 908 789 8922

# INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

**Lab Name:** Alliance **Contract:** WALS01  
**Lab Code:** ACE **SDG NO.:** Q2487  
**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              |



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### INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: WALS01

Lab Code: ACE SDG NO.: Q2487

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 |
| -----                       |                 |       |       |         |          |         |        |

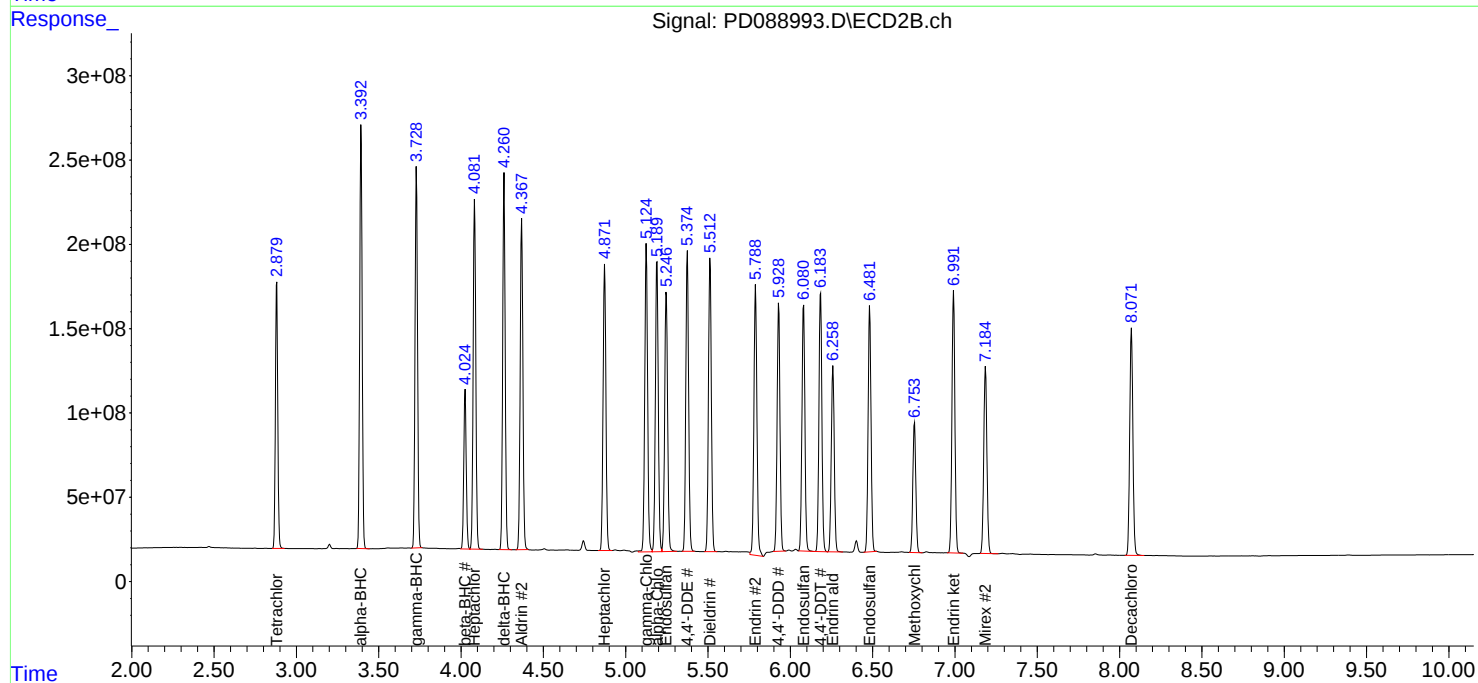
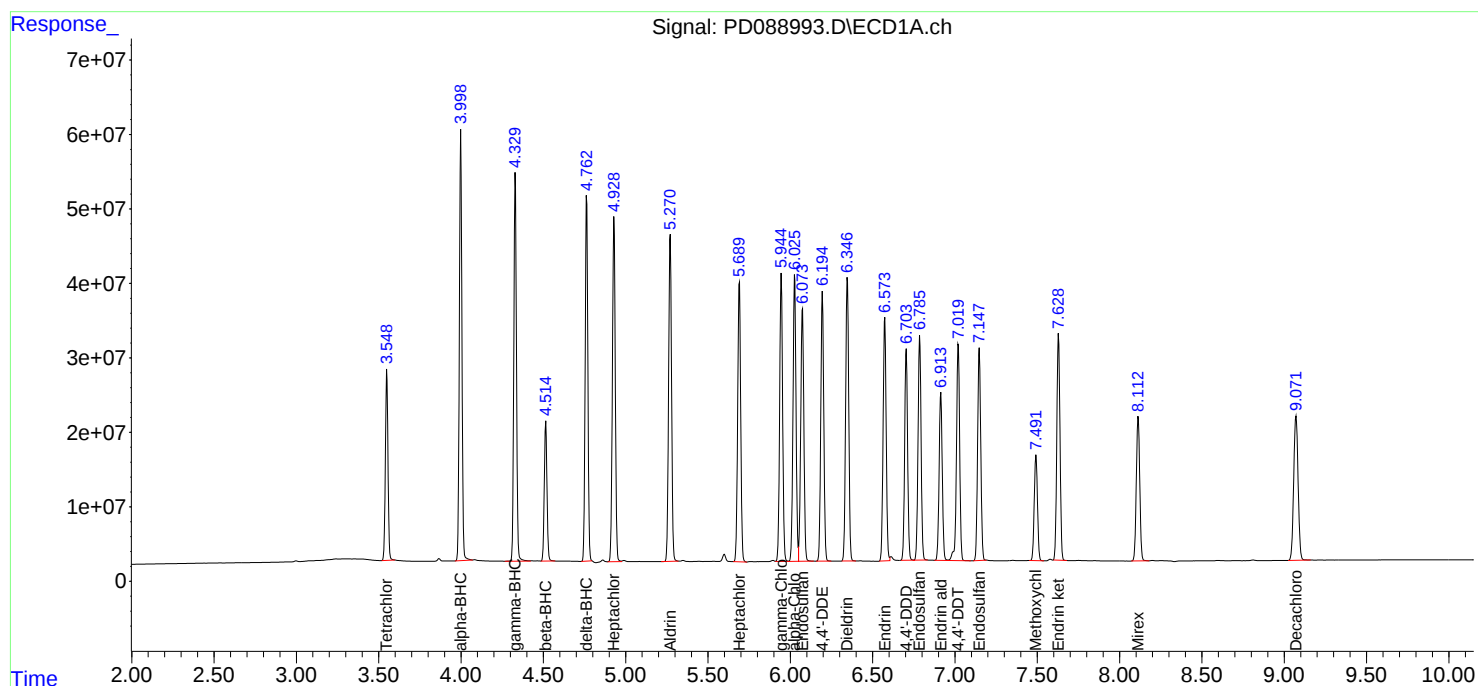
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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 |
| -----                       |                 |       |       |         |          |        |        |

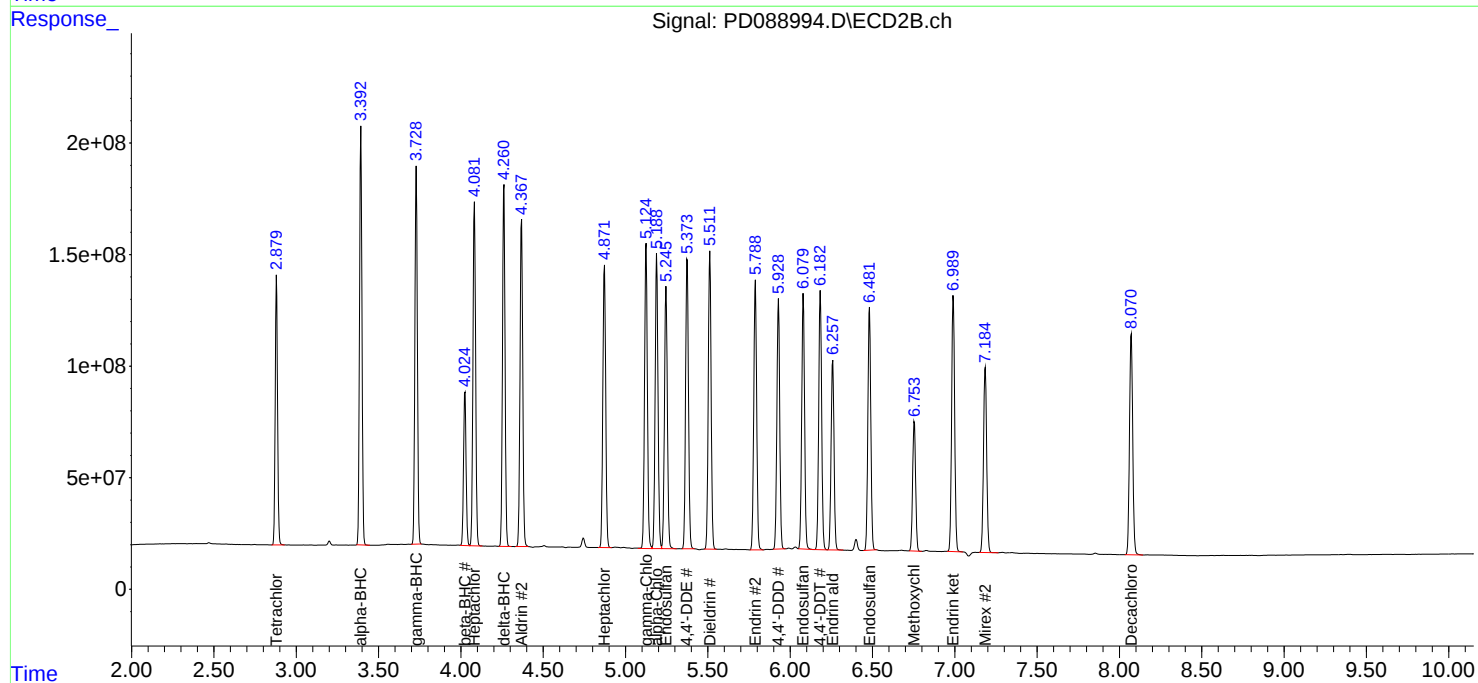
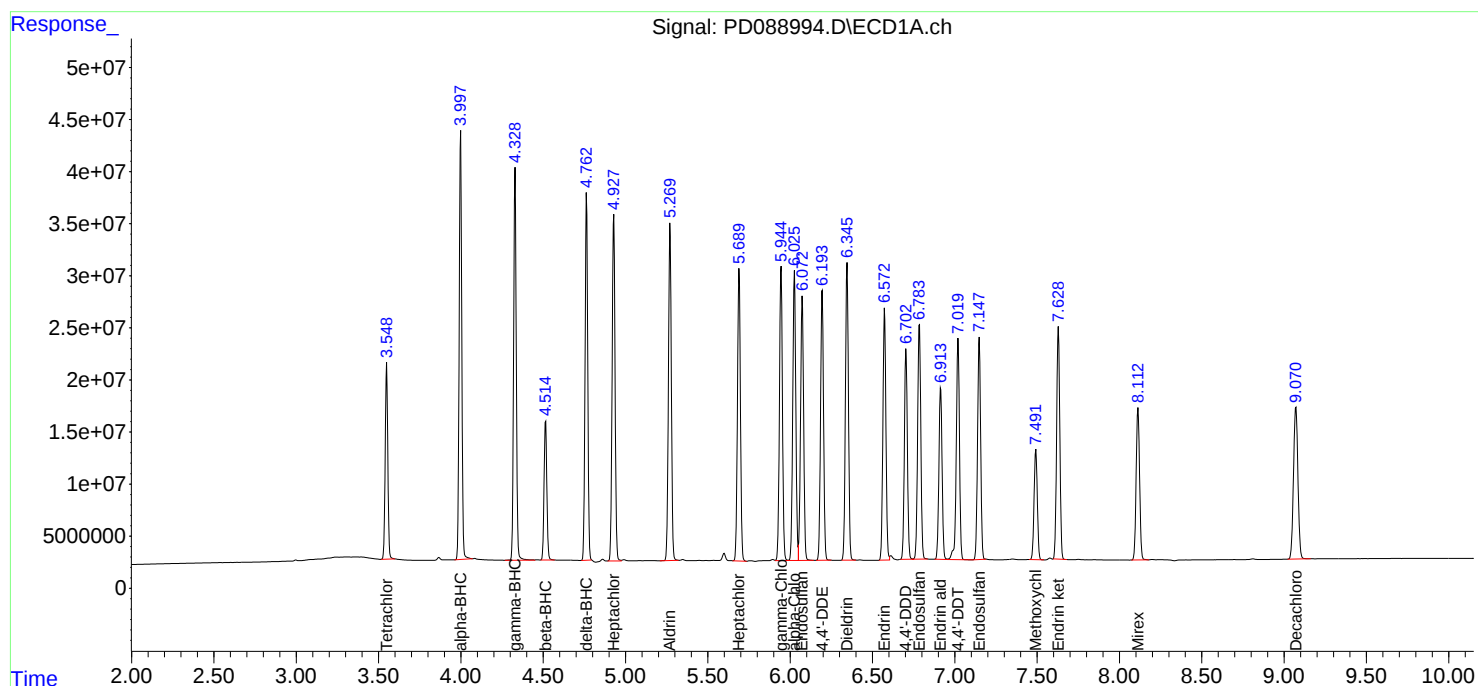
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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 |
| -----                       |                 |       |       |          |          |        |        |

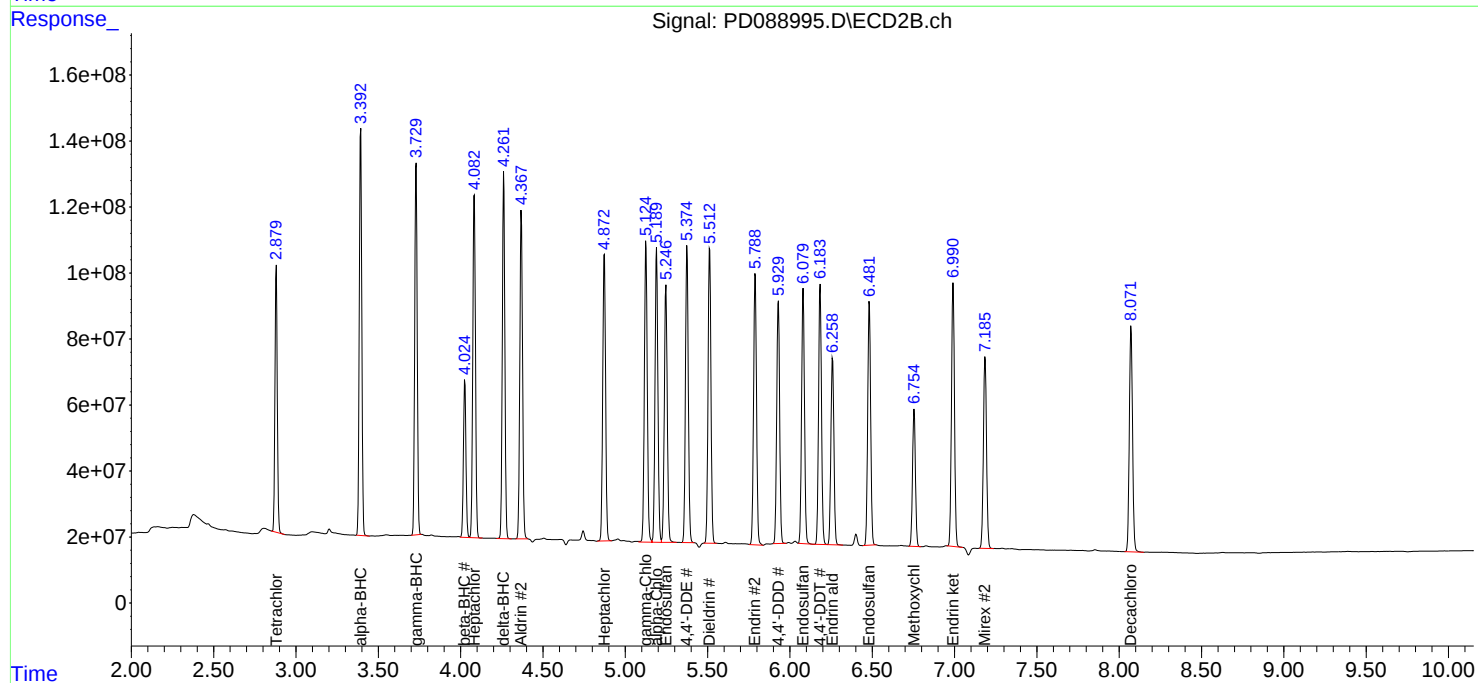
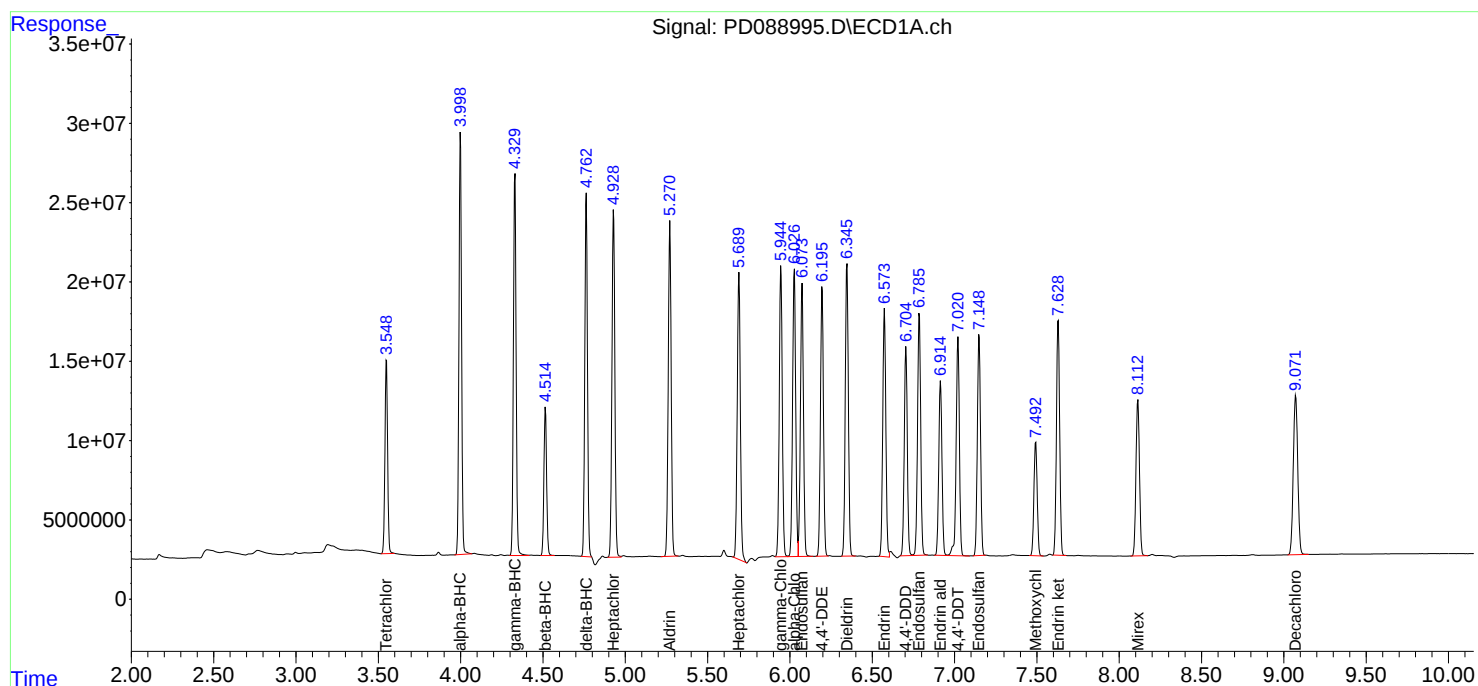
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

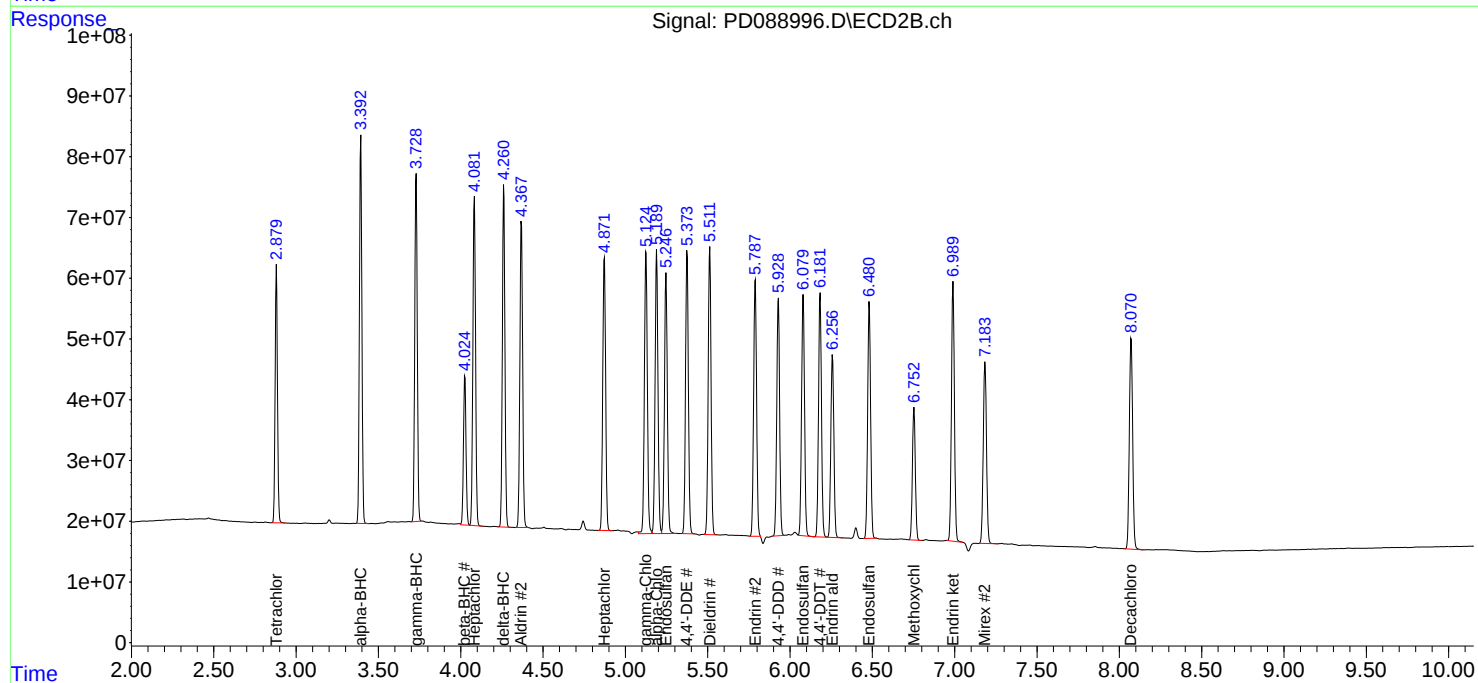
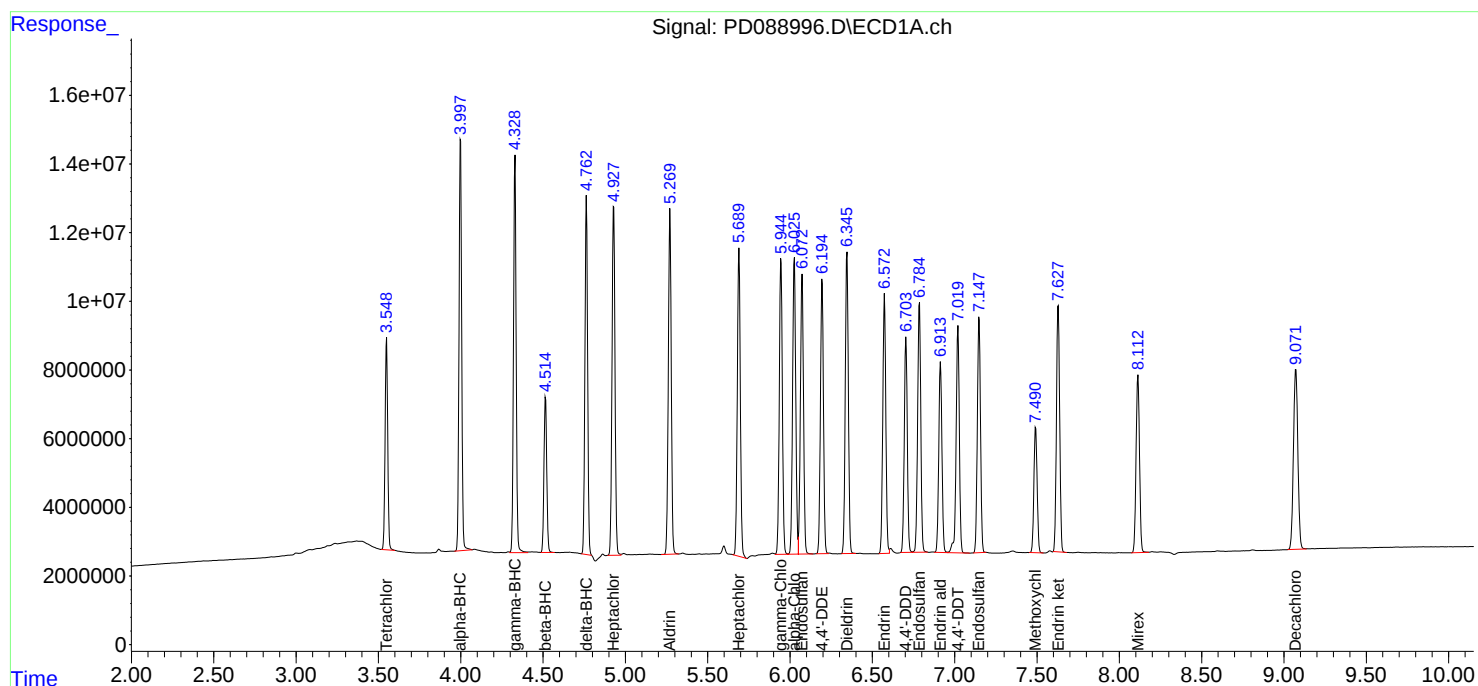
## APPROVED

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

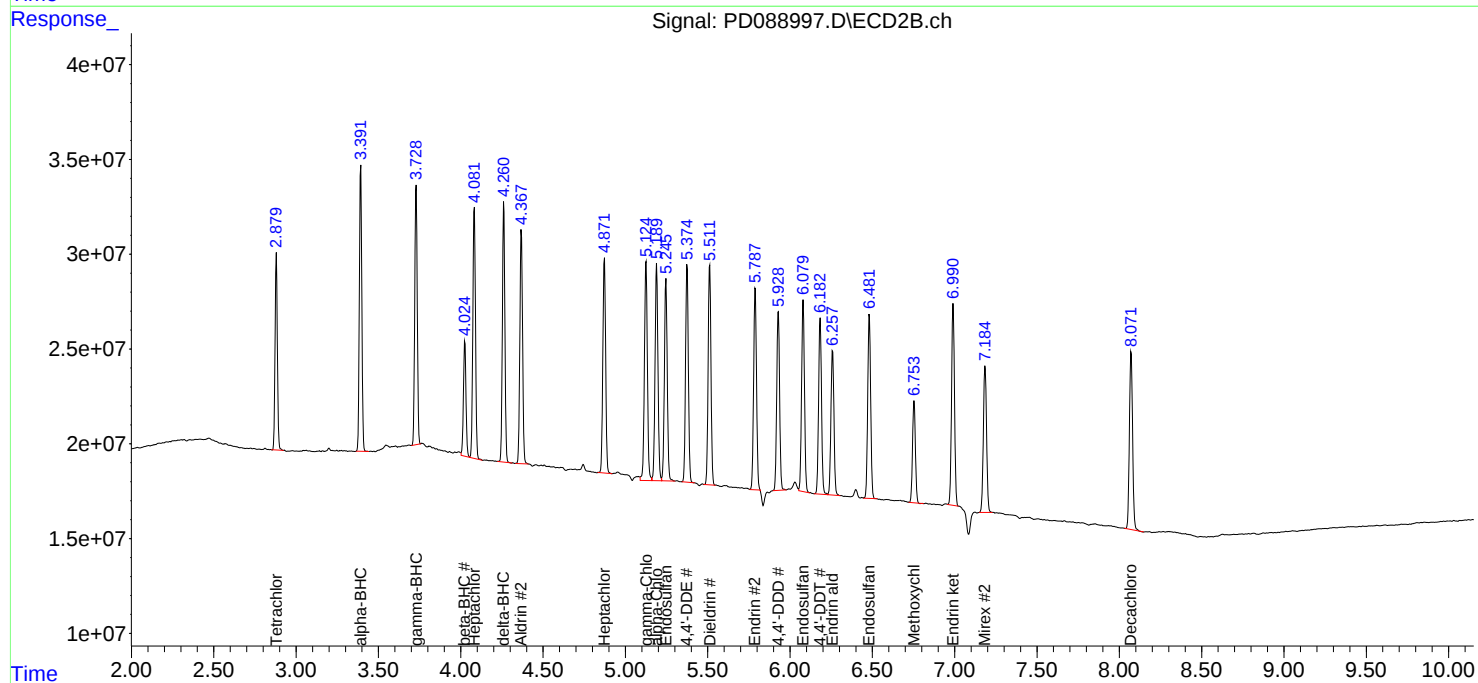
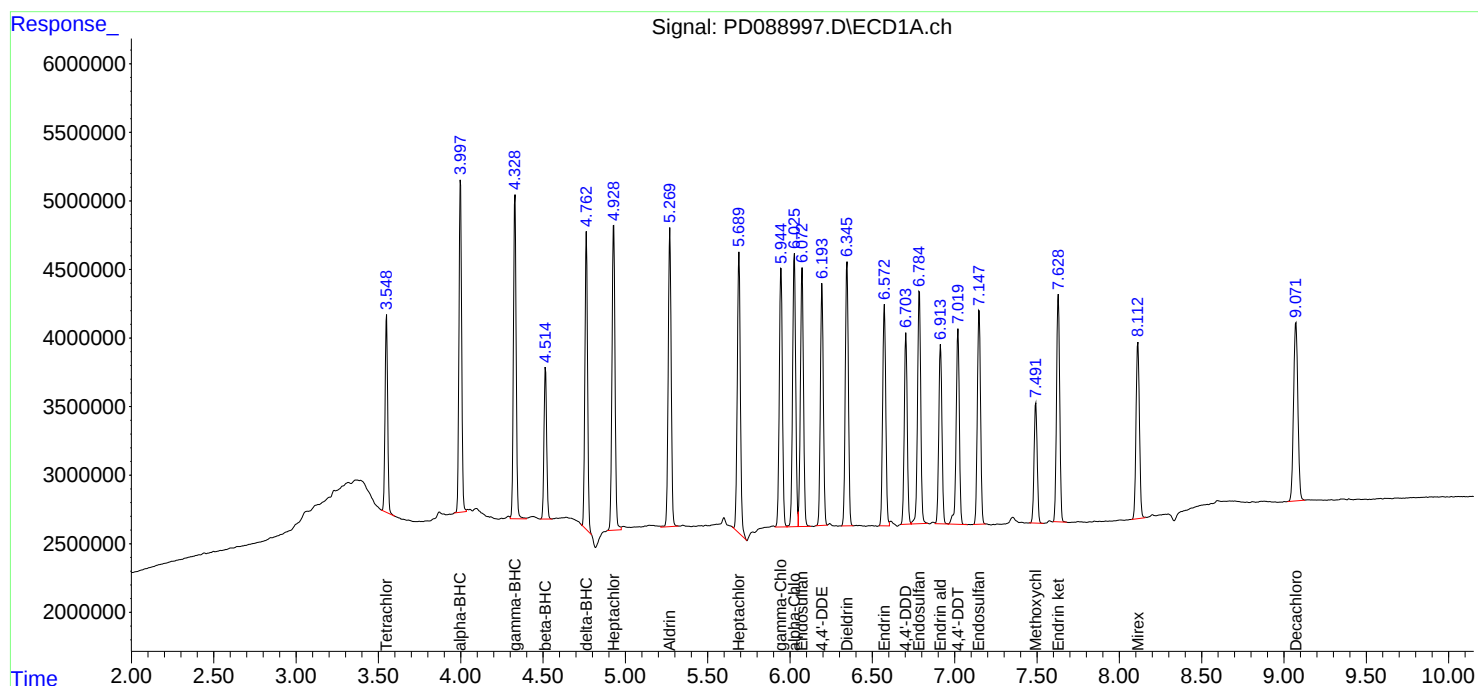
APPROVED

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 |
| -----                       |                 |       |       |          |          |         |         |

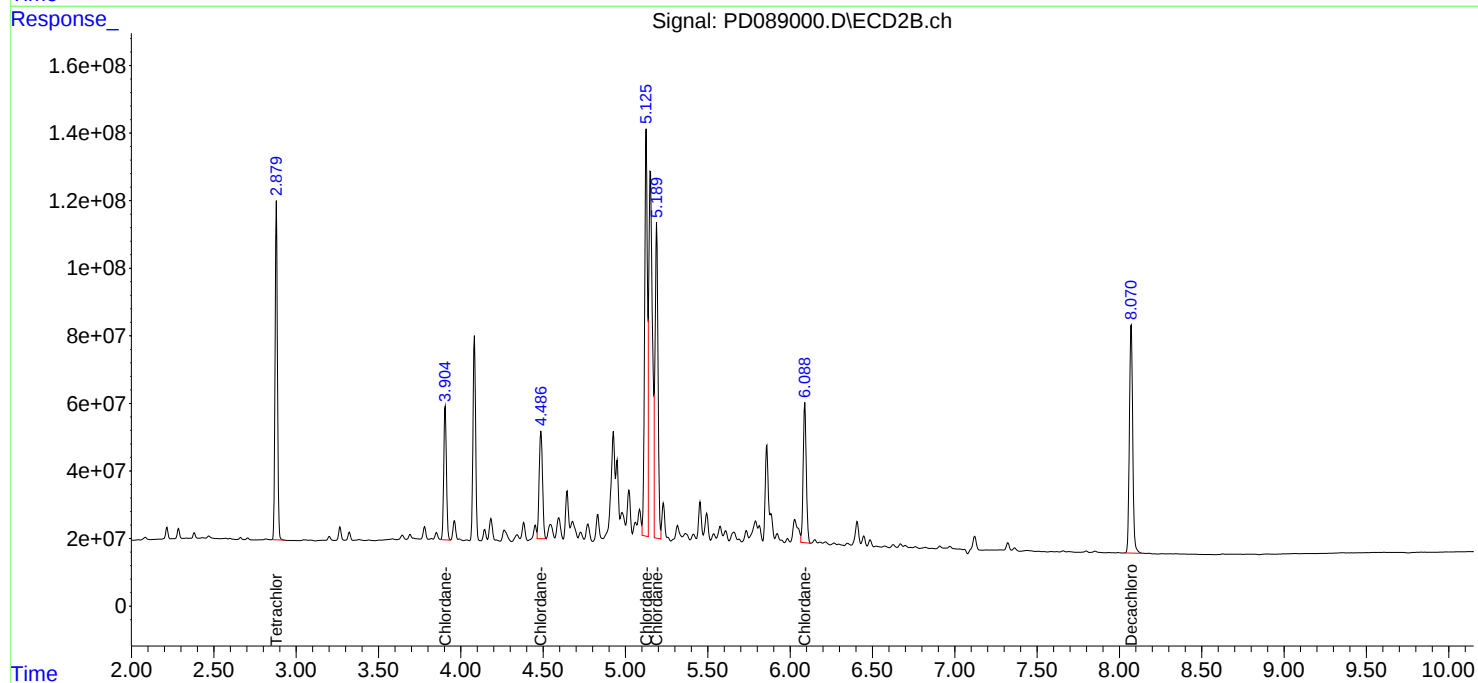
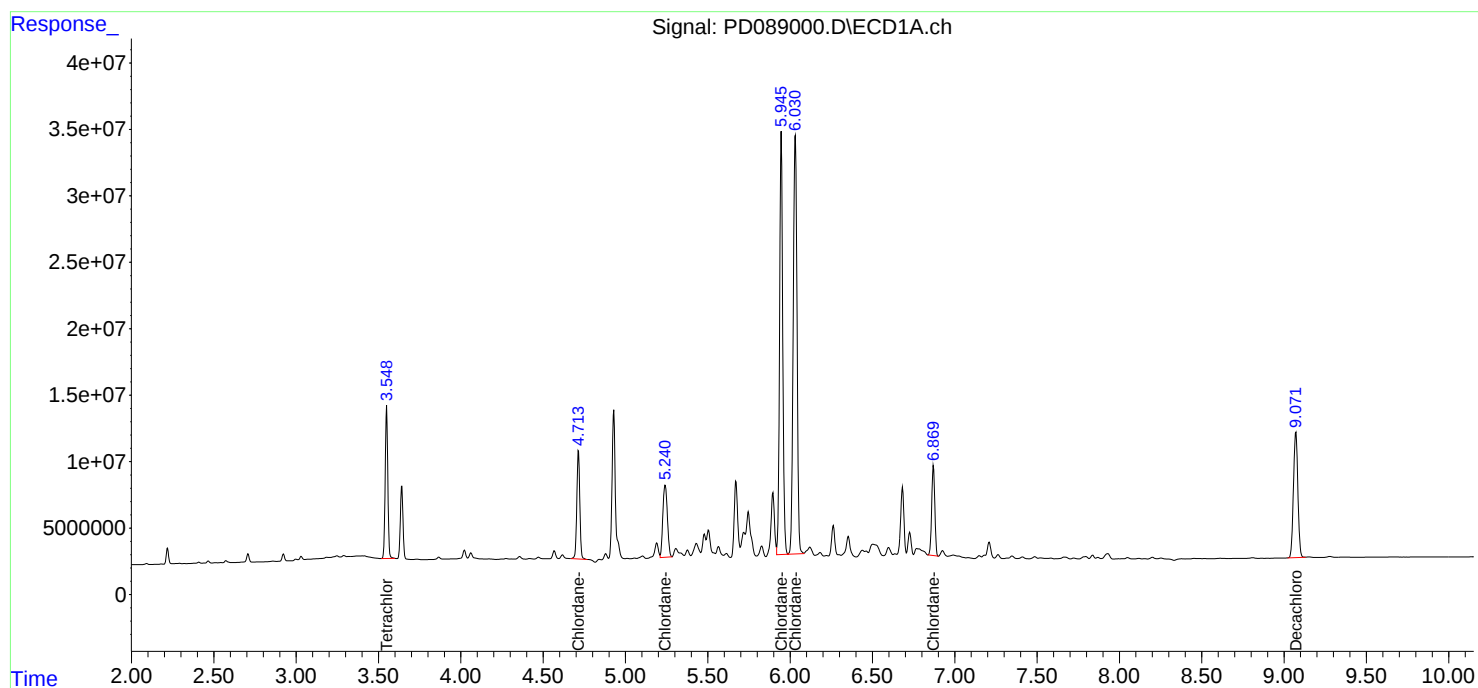
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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

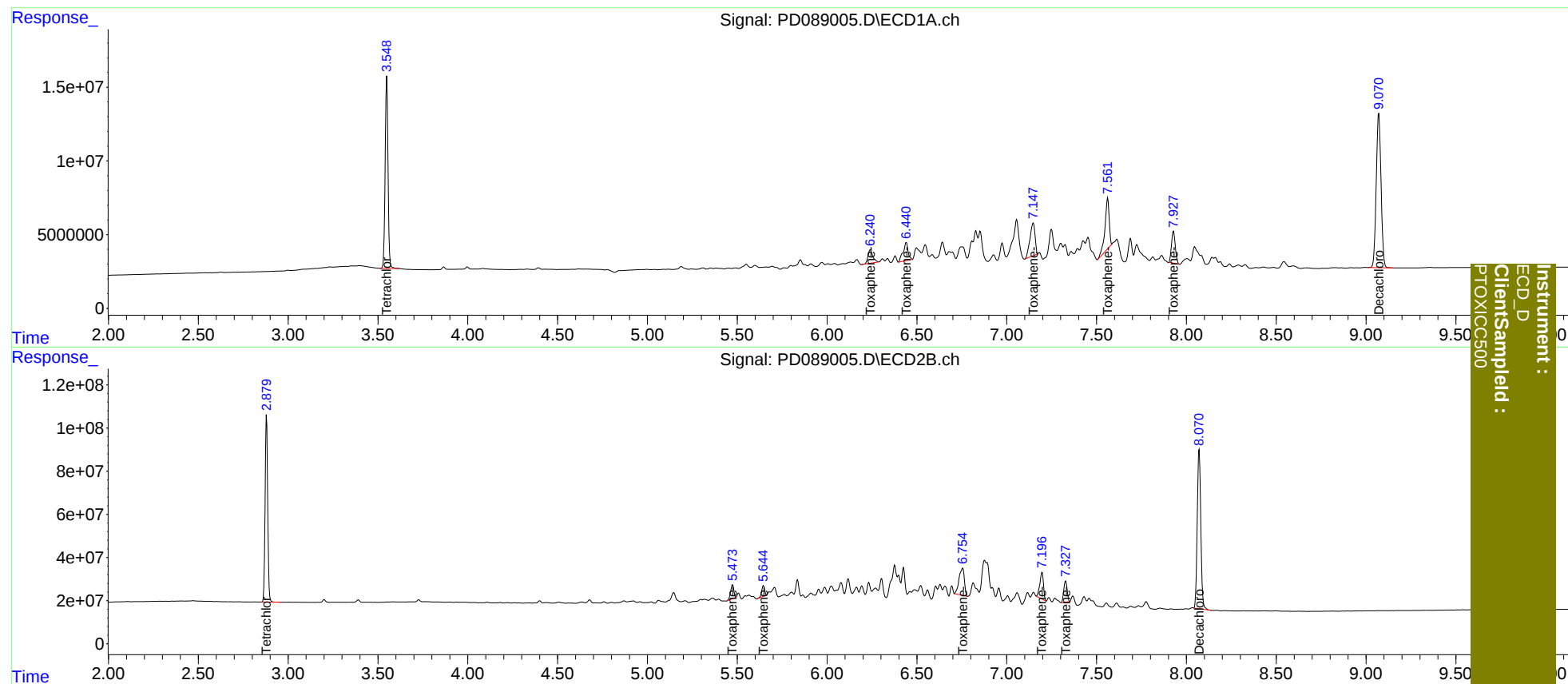
| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|----------|---------|---------|
| -----                       |       |       |          |          |         |         |
| System Monitoring Compounds |       |       |          |          |         |         |
| 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 |
| -----                       |                 |       |       |          |          |        |        |

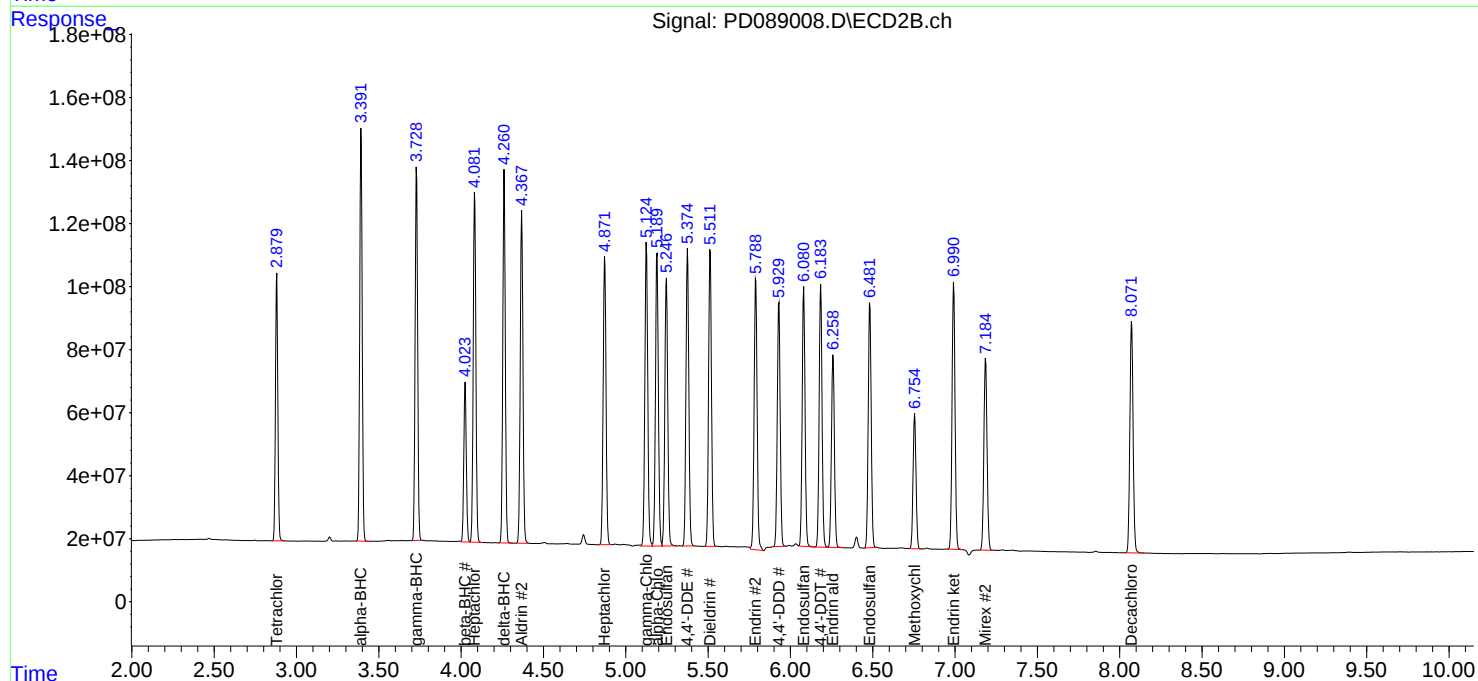
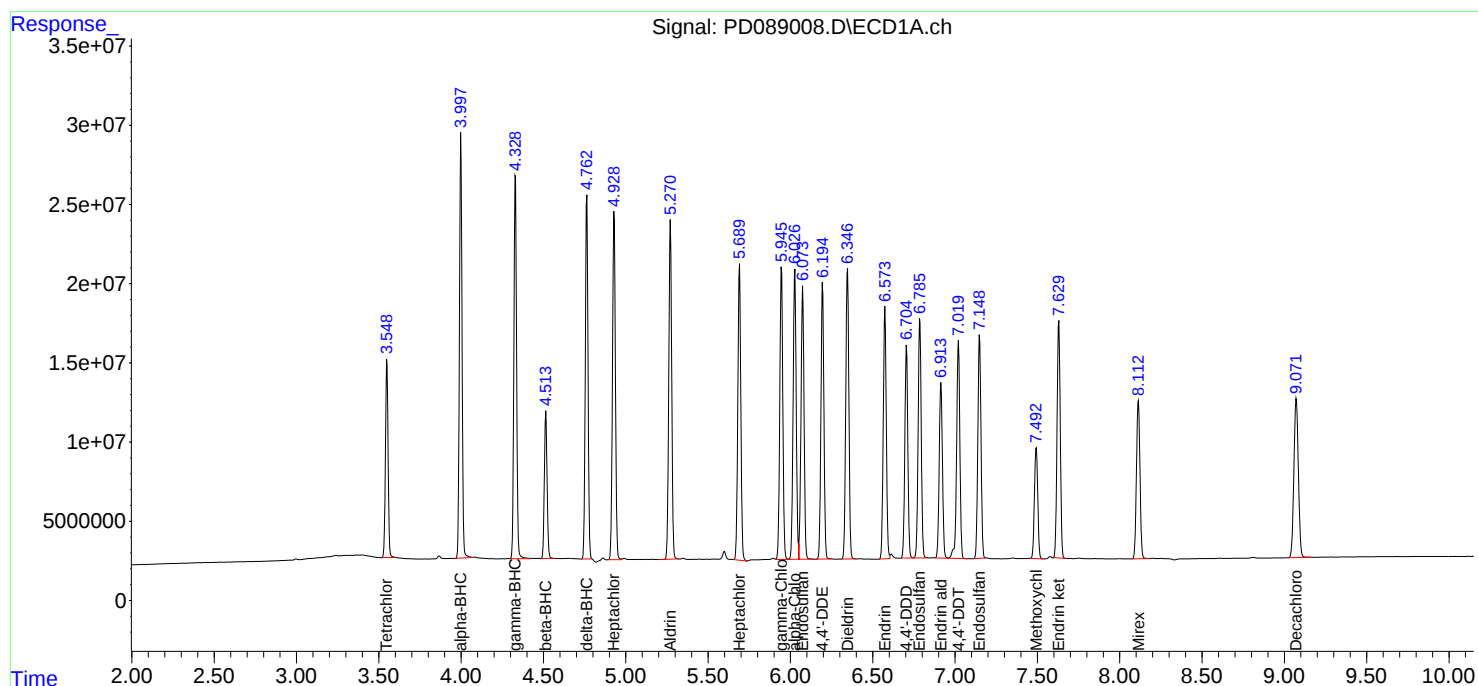
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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 |
| -----                       |                 |       |       |          |          |         |         |

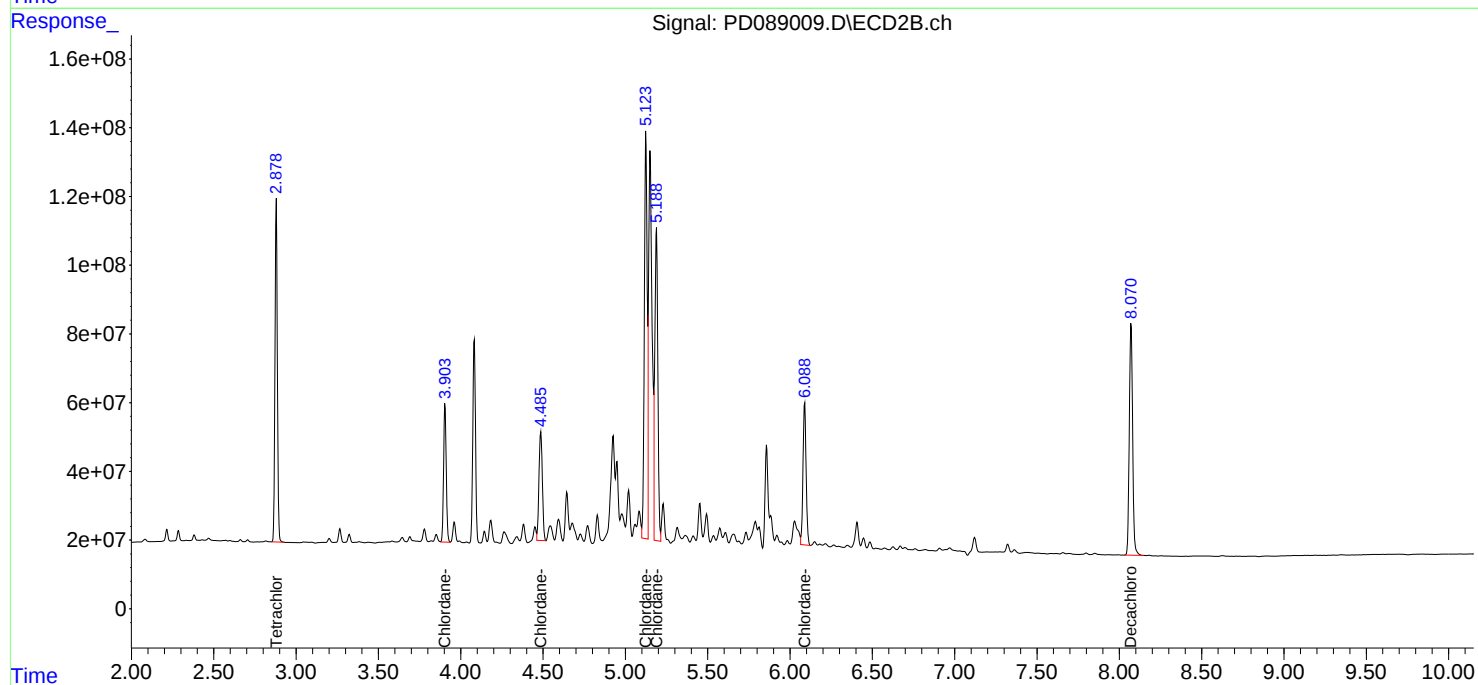
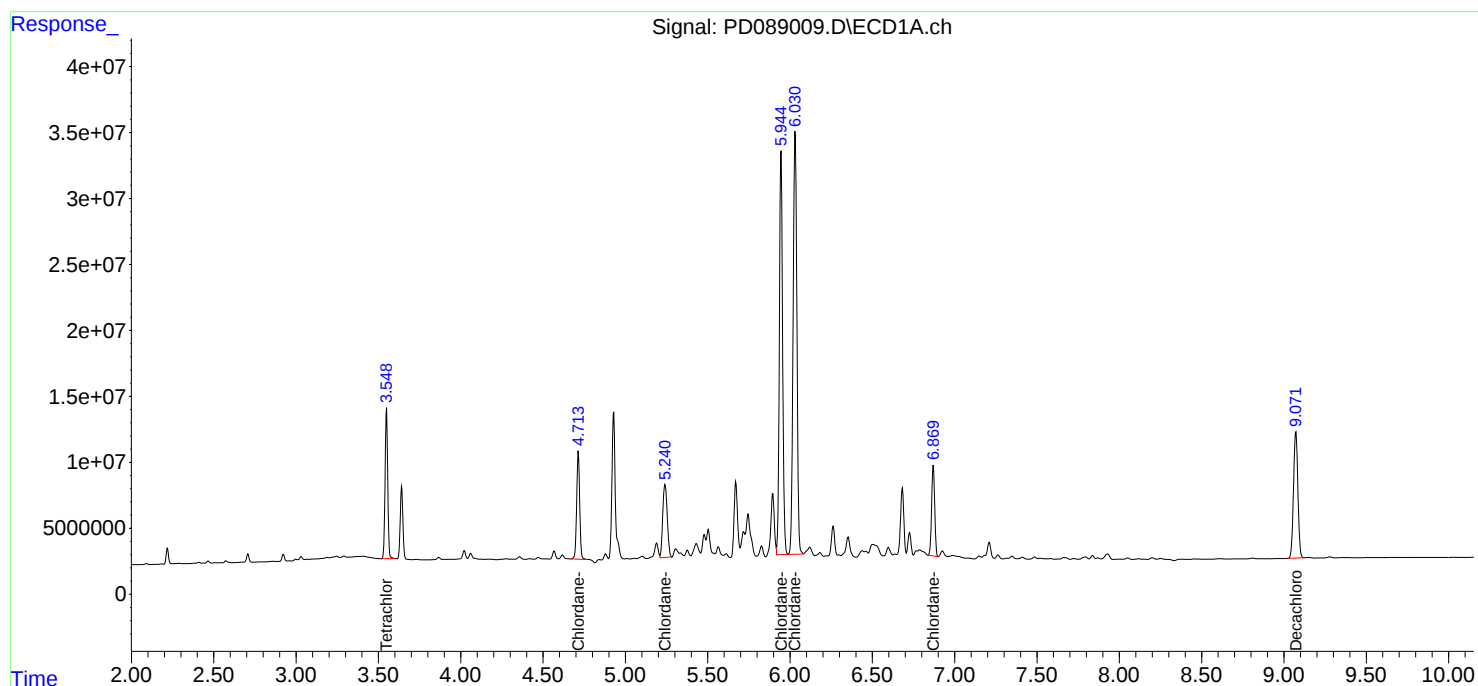
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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 x 0.5 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

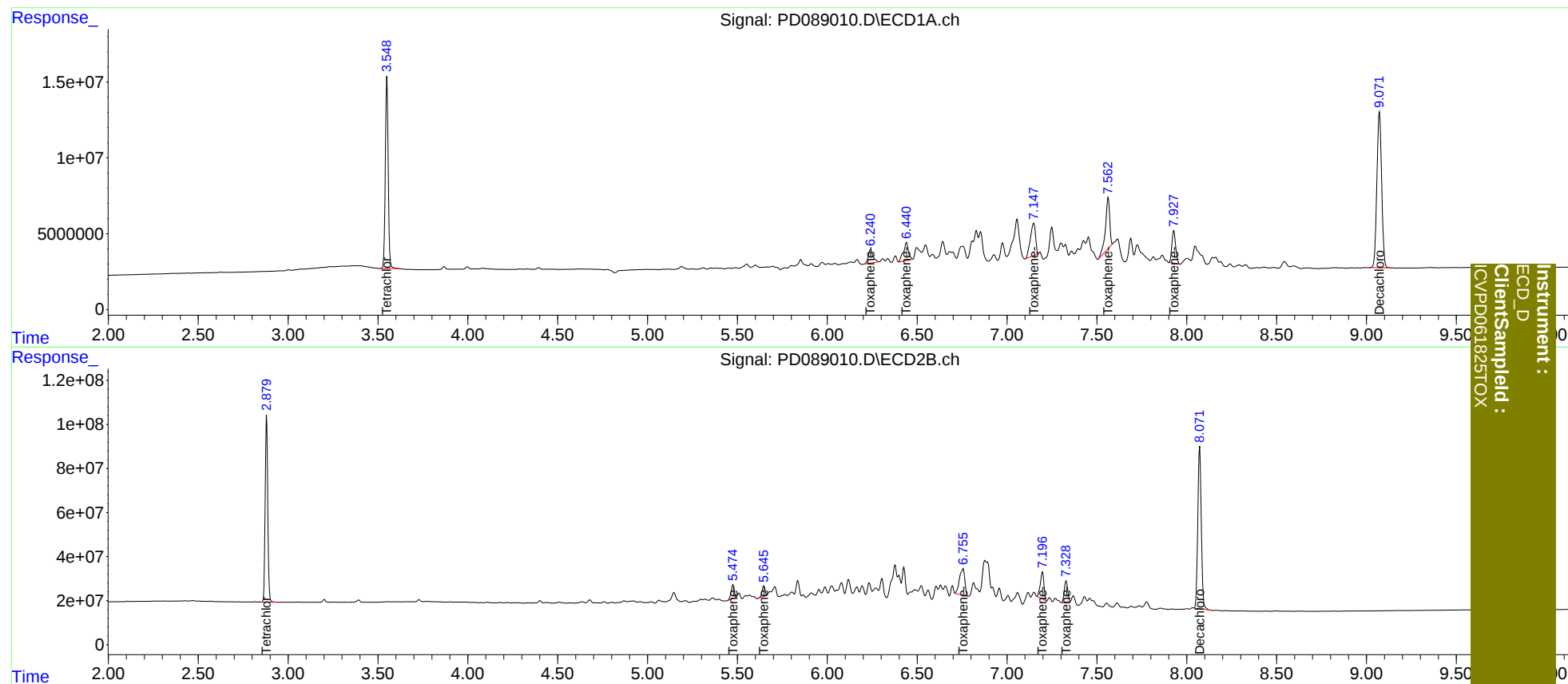
| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|----------|---------|---------|
| -----                       |       |       |          |          |         |         |
| System Monitoring Compounds |       |       |          |          |         |         |
| 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





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

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: WALS01

Lab Code: ACE

SDG NO.: Q2487

Continuing Calib Date: 07/03/2025

Initial Calibration Date(s): 06/17/2025

06/17/2025

Continuing Calib Time: 09:46

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 | 0.00       |
| delta-BHC            | 4.77       | 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         | 6.08       | 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       |



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
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### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: WALS01

Lab Code: ACE

SDG NO.: Q2487

Continuing Calib Date: 07/03/2025

Initial Calibration Date(s): 06/17/2025

06/17/2025

Continuing Calib Time: 09:46

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<br>FROM   TO |      | DIFF<br>RT |
|----------------------|------------|-----------|------------------------|------|------------|
| 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      | 5.12       | 5.13      | 5.03                   | 5.23 | 0.01       |



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### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** WALS01  
**Lab Code:** ACE **SDG NO.:** Q2487  
**GC Column:** ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/17/2025 06/17/2025

**Client Sample No.:** CCAL01 **Date Analyzed:** 07/03/2025  
**Lab Sample No.:** PSTDCCC050 **Data File :** PD089328.D **Time Analyzed:** 09:46

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| 4,4'-DDD             | 6.705 | 6.605     | 6.805 | 54.350             | 50.000            | 8.7   |
| 4,4'-DDE             | 6.196 | 6.096     | 6.296 | 51.990             | 50.000            | 4.0   |
| 4,4'-DDT             | 7.021 | 6.921     | 7.121 | 43.940             | 50.000            | -12.1 |
| Aldrin               | 5.271 | 5.171     | 5.371 | 55.520             | 50.000            | 11.0  |
| alpha-BHC            | 4.000 | 3.899     | 4.099 | 56.340             | 50.000            | 12.7  |
| alpha-Chlordane      | 6.027 | 5.927     | 6.127 | 54.210             | 50.000            | 8.4   |
| beta-BHC             | 4.516 | 4.415     | 4.615 | 53.430             | 50.000            | 6.9   |
| Decachlorobiphenyl   | 9.073 | 8.972     | 9.172 | 46.920             | 50.000            | -6.2  |
| delta-BHC            | 4.765 | 4.664     | 4.864 | 58.070             | 50.000            | 16.1  |
| Dieldrin             | 6.347 | 6.247     | 6.447 | 54.110             | 50.000            | 8.2   |
| Endosulfan I         | 6.075 | 5.975     | 6.175 | 54.180             | 50.000            | 8.4   |
| Endosulfan II        | 6.786 | 6.686     | 6.886 | 51.490             | 50.000            | 3.0   |
| Endosulfan sulfate   | 7.150 | 7.049     | 7.249 | 49.420             | 50.000            | -1.2  |
| Endrin               | 6.574 | 6.475     | 6.675 | 49.350             | 50.000            | -1.3  |
| Endrin aldehyde      | 6.915 | 6.815     | 7.015 | 49.610             | 50.000            | -0.8  |
| Endrin ketone        | 7.630 | 7.530     | 7.730 | 49.570             | 50.000            | -0.9  |
| gamma-BHC (Lindane)  | 4.331 | 4.230     | 4.430 | 55.920             | 50.000            | 11.8  |
| gamma-Chlordane      | 5.946 | 5.846     | 6.046 | 55.190             | 50.000            | 10.4  |
| Heptachlor           | 4.930 | 4.829     | 5.029 | 52.740             | 50.000            | 5.5   |
| Heptachlor epoxide   | 5.691 | 5.591     | 5.791 | 53.220             | 50.000            | 6.4   |
| Methoxychlor         | 7.493 | 7.393     | 7.593 | 49.780             | 50.000            | -0.4  |
| Tetrachloro-m-xylene | 3.550 | 3.450     | 3.650 | 55.630             | 50.000            | 11.3  |



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### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Contract: WALS01

Lab Code: ACE SDG NO.: Q2487

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

Client Sample No.: CCAL01 Date Analyzed: 07/03/2025

Lab Sample No.: PSTDCCC050 Data File : PD089328.D Time Analyzed: 09:46

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| 4,4'-DDD             | 5.929 | 5.830     | 6.030 | 52.750             | 50.000            | 5.5   |
| 4,4'-DDE             | 5.374 | 5.275     | 5.475 | 52.830             | 50.000            | 5.7   |
| 4,4'-DDT             | 6.183 | 6.084     | 6.284 | 44.690             | 50.000            | -10.6 |
| Aldrin               | 4.368 | 4.269     | 4.469 | 54.130             | 50.000            | 8.3   |
| alpha-BHC            | 3.393 | 3.293     | 3.493 | 55.810             | 50.000            | 11.6  |
| alpha-Chlordane      | 5.189 | 5.091     | 5.291 | 53.210             | 50.000            | 6.4   |
| beta-BHC             | 4.025 | 3.926     | 4.126 | 51.100             | 50.000            | 2.2   |
| Decachlorobiphenyl   | 8.072 | 7.972     | 8.172 | 44.450             | 50.000            | -11.1 |
| delta-BHC            | 4.261 | 4.162     | 4.362 | 53.310             | 50.000            | 6.6   |
| Dieldrin             | 5.511 | 5.413     | 5.613 | 53.310             | 50.000            | 6.6   |
| Endosulfan I         | 5.246 | 5.147     | 5.347 | 53.080             | 50.000            | 6.2   |
| Endosulfan II        | 6.080 | 5.981     | 6.181 | 51.600             | 50.000            | 3.2   |
| Endosulfan sulfate   | 6.482 | 6.383     | 6.583 | 49.050             | 50.000            | -1.9  |
| Endrin               | 5.789 | 5.689     | 5.889 | 54.650             | 50.000            | 9.3   |
| Endrin aldehyde      | 6.258 | 6.159     | 6.359 | 49.950             | 50.000            | -0.1  |
| Endrin ketone        | 6.990 | 6.892     | 7.092 | 48.890             | 50.000            | -2.2  |
| gamma-BHC (Lindane)  | 3.728 | 3.630     | 3.830 | 54.280             | 50.000            | 8.6   |
| gamma-Chlordane      | 5.123 | 5.026     | 5.226 | 52.410             | 50.000            | 4.8   |
| Heptachlor           | 4.082 | 3.983     | 4.183 | 50.420             | 50.000            | 0.8   |
| Heptachlor epoxide   | 4.872 | 4.773     | 4.973 | 56.110             | 50.000            | 12.2  |
| Methoxychlor         | 6.754 | 6.655     | 6.855 | 49.550             | 50.000            | -0.9  |
| Tetrachloro-m-xylene | 2.881 | 2.780     | 2.980 | 57.330             | 50.000            | 14.7  |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070425\  
 Data File : PD089328.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Jul 2025 09:46  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_D

## ClientSampleId :

PSTDCCC050

## Manual Integrations

## APPROVED

Reviewed By :Abdul Mirza 07/07/2025

Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 04 02:17:08 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 | 158.7E6 | 971.8E6  | 55.633 | 57.326  |
| 2)                          | SA Decachlor... | 9.073 | 8.072 | 184.3E6 | 878.8E6  | 46.924 | 44.451  |
| Target Compounds            |                 |       |       |         |          |        |         |
| 2)                          | A alpha-BHC     | 4.000 | 3.393 | 328.4E6 | 1495.5E6 | 56.340 | 55.809  |
| 3)                          | MA gamma-BHC... | 4.331 | 3.728 | 312.1E6 | 1343.7E6 | 55.916 | 54.276m |
| 4)                          | MA Heptachlor   | 4.930 | 4.082 | 287.5E6 | 1262.3E6 | 52.736 | 50.416  |
| 5)                          | MB Aldrin       | 5.271 | 4.368 | 295.0E6 | 1310.9E6 | 55.520 | 54.132  |
| 6)                          | B beta-BHC      | 4.516 | 4.025 | 117.9E6 | 549.1E6  | 53.431 | 51.099  |
| 7)                          | B delta-BHC     | 4.765 | 4.261 | 298.1E6 | 1325.9E6 | 58.071 | 53.307  |
| 8)                          | B Heptachlo...  | 5.691 | 4.872 | 256.7E6 | 1228.7E6 | 53.216 | 56.111  |
| 9)                          | A Endosulfan I  | 6.075 | 5.246 | 244.2E6 | 1106.3E6 | 54.183 | 53.078  |
| 10)                         | B gamma-Chl...  | 5.946 | 5.123 | 264.2E6 | 1253.8E6 | 55.187 | 52.409m |
| 11)                         | B alpha-Chl...  | 6.027 | 5.189 | 262.3E6 | 1218.3E6 | 54.214 | 53.210  |
| 12)                         | B 4,4'-DDE      | 6.196 | 5.374 | 226.7E6 | 1210.6E6 | 51.990 | 52.826  |
| 13)                         | MA Dieldrin     | 6.347 | 5.511 | 259.6E6 | 1237.2E6 | 54.113 | 53.308m |
| 14)                         | MA Endrin       | 6.574 | 5.789 | 203.6E6 | 1186.6E6 | 49.348 | 54.648  |
| 15)                         | B Endosulfa...  | 6.786 | 6.080 | 207.8E6 | 1042.1E6 | 51.485 | 51.597  |
| 16)                         | A 4,4'-DDD      | 6.705 | 5.929 | 186.5E6 | 1009.1E6 | 54.347 | 52.753  |
| 17)                         | MA 4,4'-DDT     | 7.021 | 6.183 | 166.4E6 | 906.3E6  | 43.936 | 44.691  |
| 18)                         | B Endrin al...  | 6.915 | 6.258 | 152.0E6 | 764.8E6  | 49.611 | 49.948  |
| 19)                         | B Endosulfa...  | 7.150 | 6.482 | 189.6E6 | 962.3E6  | 49.419 | 49.046  |
| 20)                         | A Methoxychlor  | 7.493 | 6.754 | 100.6E6 | 533.6E6  | 49.778 | 49.551  |
| 21)                         | B Endrin ke...  | 7.630 | 6.990 | 201.9E6 | 1056.2E6 | 49.575 | 48.893  |
| 22)                         | Mirex           | 8.114 | 7.185 | 144.4E6 | 787.7E6  | 47.482 | 47.230  |
| -----                       |                 |       |       |         |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070425\  
Data File : PD089328.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Jul 2025 09:46  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_D

## ClientSampleId :

PSTDCCC050

## Manual Integrations

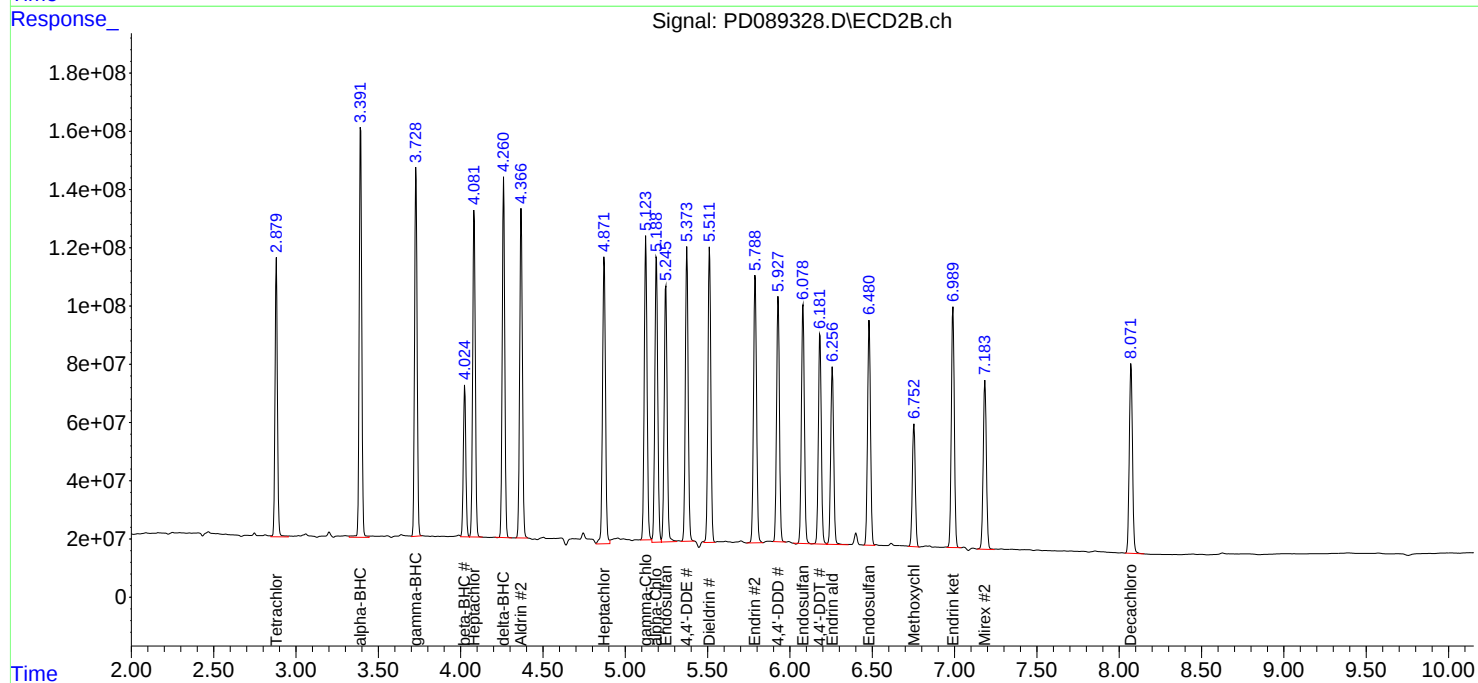
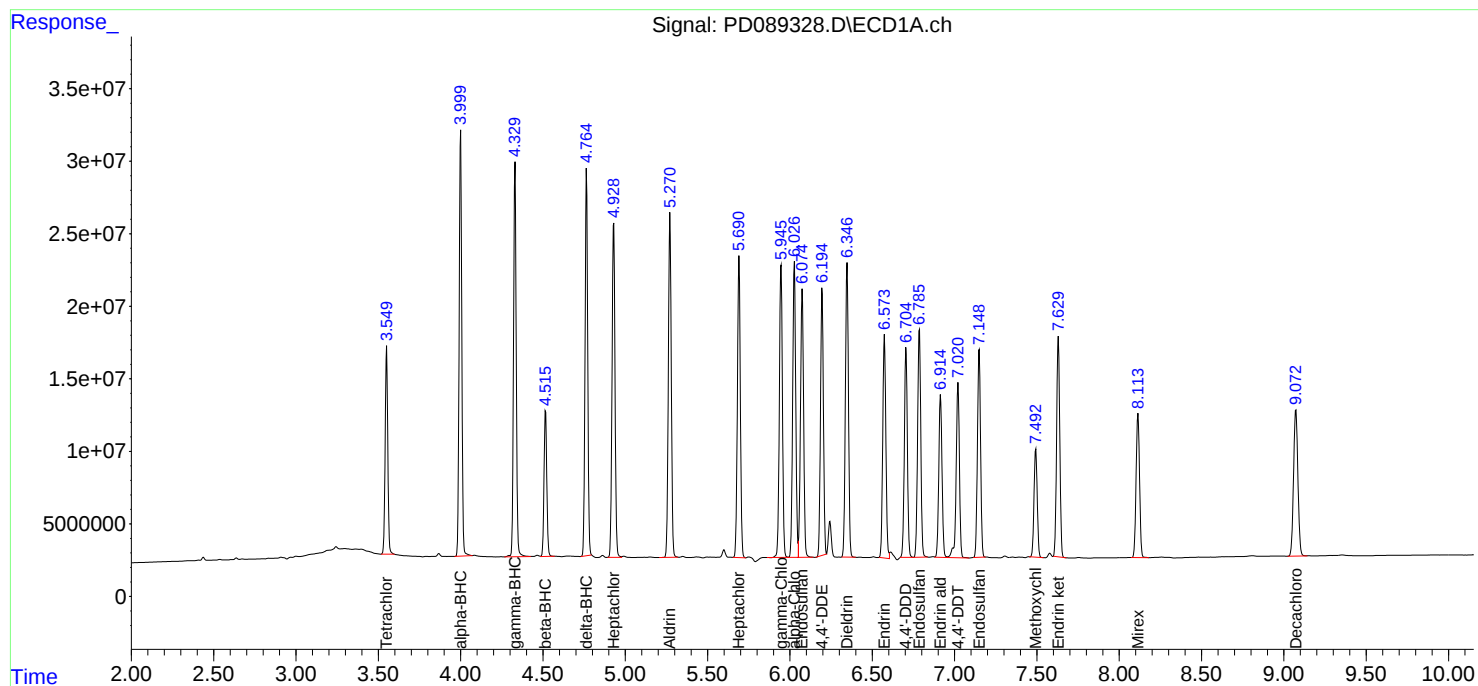
## APPROVED

Reviewed By :Abdul Mirza 07/07/2025

Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 04 02:17:08 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

Lab Name: Alliance

Contract: WALS01

Lab Code: ACE

SDG NO.: Q2487

Continuing Calib Date: 07/03/2025

Initial Calibration Date(s): 06/17/2025

06/17/2025

Continuing Calib Time: 16:02

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 | 0.00       |
| 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         | 6.08       | 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               | 6.58       | 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         | 7.49       | 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 | 0.00       |
| 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

Lab Name: Alliance

Contract: WALS01

Lab Code: ACE

SDG NO.: Q2487

Continuing Calib Date: 07/03/2025

Initial Calibration Date(s): 06/17/2025

06/17/2025

Continuing Calib Time: 16:02

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

**Lab Name:** Alliance **Contract:** WALS01  
**Lab Code:** ACE **SDG NO.:** Q2487  
**GC Column:** ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/17/2025 06/17/2025

**Client Sample No.:** CCAL02 **Date Analyzed:** 07/03/2025  
**Lab Sample No.:** PSTDCCC050 **Data File :** PD089338.D **Time Analyzed:** 16:02

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| 4,4'-DDD             | 6.706 | 6.605     | 6.805 | 54.570             | 50.000            | 9.1   |
| 4,4'-DDE             | 6.196 | 6.096     | 6.296 | 50.560             | 50.000            | 1.1   |
| 4,4'-DDT             | 7.022 | 6.921     | 7.121 | 44.490             | 50.000            | -11.0 |
| Aldrin               | 5.271 | 5.171     | 5.371 | 54.740             | 50.000            | 9.5   |
| alpha-BHC            | 4.000 | 3.899     | 4.099 | 55.900             | 50.000            | 11.8  |
| alpha-Chlordane      | 6.027 | 5.927     | 6.127 | 52.800             | 50.000            | 5.6   |
| beta-BHC             | 4.516 | 4.415     | 4.615 | 52.760             | 50.000            | 5.5   |
| Decachlorobiphenyl   | 9.074 | 8.972     | 9.172 | 46.330             | 50.000            | -7.3  |
| delta-BHC            | 4.765 | 4.664     | 4.864 | 57.140             | 50.000            | 14.3  |
| Dieldrin             | 6.348 | 6.247     | 6.447 | 52.530             | 50.000            | 5.1   |
| Endosulfan I         | 6.075 | 5.975     | 6.175 | 52.890             | 50.000            | 5.8   |
| Endosulfan II        | 6.787 | 6.686     | 6.886 | 51.760             | 50.000            | 3.5   |
| Endosulfan sulfate   | 7.151 | 7.049     | 7.249 | 50.190             | 50.000            | 0.4   |
| Endrin               | 6.575 | 6.475     | 6.675 | 49.270             | 50.000            | -1.5  |
| Endrin aldehyde      | 6.916 | 6.815     | 7.015 | 50.280             | 50.000            | 0.6   |
| Endrin ketone        | 7.632 | 7.530     | 7.730 | 50.190             | 50.000            | 0.4   |
| gamma-BHC (Lindane)  | 4.331 | 4.230     | 4.430 | 55.390             | 50.000            | 10.8  |
| gamma-Chlordane      | 5.947 | 5.846     | 6.046 | 53.600             | 50.000            | 7.2   |
| Heptachlor           | 4.930 | 4.829     | 5.029 | 52.380             | 50.000            | 4.8   |
| Heptachlor epoxide   | 5.691 | 5.591     | 5.791 | 52.180             | 50.000            | 4.4   |
| Methoxychlor         | 7.494 | 7.393     | 7.593 | 50.700             | 50.000            | 1.4   |
| Tetrachloro-m-xylene | 3.551 | 3.450     | 3.650 | 55.250             | 50.000            | 10.5  |



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### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** WALS01  
**Lab Code:** ACE **SDG NO.:** Q2487  
**GC Column:** ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/17/2025 06/17/2025

**Client Sample No.:** CCAL02 **Date Analyzed:** 07/03/2025  
**Lab Sample No.:** PSTDCCC050 **Data File :** PD089338.D **Time Analyzed:** 16:02

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| 4,4'-DDD             | 5.929 | 5.830     | 6.030 | 52.350             | 50.000            | 4.7  |
| 4,4'-DDE             | 5.375 | 5.275     | 5.475 | 52.440             | 50.000            | 4.9  |
| 4,4'-DDT             | 6.184 | 6.084     | 6.284 | 45.480             | 50.000            | -9.0 |
| Aldrin               | 4.369 | 4.269     | 4.469 | 54.440             | 50.000            | 8.9  |
| alpha-BHC            | 3.393 | 3.293     | 3.493 | 56.730             | 50.000            | 13.5 |
| alpha-Chlordane      | 5.190 | 5.091     | 5.291 | 52.940             | 50.000            | 5.9  |
| beta-BHC             | 4.025 | 3.926     | 4.126 | 51.210             | 50.000            | 2.4  |
| Decachlorobiphenyl   | 8.072 | 7.972     | 8.172 | 46.160             | 50.000            | -7.7 |
| delta-BHC            | 4.262 | 4.162     | 4.362 | 54.020             | 50.000            | 8.0  |
| Dieldrin             | 5.511 | 5.413     | 5.613 | 52.900             | 50.000            | 5.8  |
| Endosulfan I         | 5.246 | 5.147     | 5.347 | 52.850             | 50.000            | 5.7  |
| Endosulfan II        | 6.080 | 5.981     | 6.181 | 51.150             | 50.000            | 2.3  |
| Endosulfan sulfate   | 6.482 | 6.383     | 6.583 | 50.040             | 50.000            | 0.1  |
| Endrin               | 5.789 | 5.689     | 5.889 | 54.140             | 50.000            | 8.3  |
| Endrin aldehyde      | 6.259 | 6.159     | 6.359 | 50.360             | 50.000            | 0.7  |
| Endrin ketone        | 6.991 | 6.892     | 7.092 | 49.800             | 50.000            | -0.4 |
| gamma-BHC (Lindane)  | 3.728 | 3.630     | 3.830 | 55.020             | 50.000            | 10.0 |
| gamma-Chlordane      | 5.125 | 5.026     | 5.226 | 53.820             | 50.000            | 7.6  |
| Heptachlor           | 4.082 | 3.983     | 4.183 | 52.110             | 50.000            | 4.2  |
| Heptachlor epoxide   | 4.872 | 4.773     | 4.973 | 56.280             | 50.000            | 12.6 |
| Methoxychlor         | 6.754 | 6.655     | 6.855 | 52.330             | 50.000            | 4.7  |
| Tetrachloro-m-xylene | 2.881 | 2.780     | 2.980 | 57.920             | 50.000            | 15.8 |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070425\  
 Data File : PD089338.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Jul 2025 16:02  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 07/07/2025  
 Supervised By : mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 04 02:19:43 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 | 157.6E6 | 982.0E6  | 55.246 | 57.925  |
| 28)                         | SA Decachlor... | 9.074 | 8.072 | 182.0E6 | 912.7E6  | 46.330 | 46.165  |
| Target Compounds            |                 |       |       |         |          |        |         |
| 2)                          | A alpha-BHC     | 4.000 | 3.393 | 325.9E6 | 1520.2E6 | 55.904 | 56.730  |
| 3)                          | MA gamma-BHC... | 4.331 | 3.728 | 309.2E6 | 1362.1E6 | 55.390 | 55.018m |
| 4)                          | MA Heptachlor   | 4.930 | 4.082 | 285.6E6 | 1304.8E6 | 52.381 | 52.110  |
| 5)                          | MB Aldrin       | 5.271 | 4.369 | 290.8E6 | 1318.3E6 | 54.743 | 54.435  |
| 6)                          | B beta-BHC      | 4.516 | 4.025 | 116.4E6 | 550.4E6  | 52.760 | 51.214  |
| 7)                          | B delta-BHC     | 4.765 | 4.262 | 293.3E6 | 1343.7E6 | 57.139 | 54.022  |
| 8)                          | B Heptachlo...  | 5.691 | 4.872 | 251.7E6 | 1232.3E6 | 52.180 | 56.276  |
| 9)                          | A Endosulfan I  | 6.075 | 5.246 | 238.4E6 | 1101.6E6 | 52.893 | 52.854  |
| 10)                         | B gamma-Chl...  | 5.947 | 5.125 | 256.6E6 | 1287.6E6 | 53.600 | 53.823  |
| 11)                         | B alpha-Chl...  | 6.027 | 5.190 | 255.5E6 | 1212.2E6 | 52.805 | 52.941  |
| 12)                         | B 4,4'-DDE      | 6.196 | 5.375 | 220.5E6 | 1201.7E6 | 50.563 | 52.439  |
| 13)                         | MA Dieldrin     | 6.348 | 5.511 | 252.0E6 | 1227.7E6 | 52.534 | 52.899m |
| 14)                         | MA Endrin       | 6.575 | 5.789 | 203.3E6 | 1175.5E6 | 49.269 | 54.136  |
| 15)                         | B Endosulfa...  | 6.787 | 6.080 | 208.9E6 | 1033.0E6 | 51.759 | 51.148  |
| 16)                         | A 4,4'-DDD      | 6.706 | 5.929 | 187.3E6 | 1001.5E6 | 54.571 | 52.352  |
| 17)                         | MA 4,4'-DDT     | 7.022 | 6.184 | 168.5E6 | 922.2E6  | 44.486 | 45.476  |
| 18)                         | B Endrin al...  | 6.916 | 6.259 | 154.1E6 | 771.1E6  | 50.279 | 50.364  |
| 19)                         | B Endosulfa...  | 7.151 | 6.482 | 192.6E6 | 981.9E6  | 50.194 | 50.043  |
| 20)                         | A Methoxychlor  | 7.494 | 6.754 | 102.4E6 | 563.5E6  | 50.696 | 52.335  |
| 21)                         | B Endrin ke...  | 7.632 | 6.991 | 204.4E6 | 1075.9E6 | 50.188 | 49.805  |
| 22)                         | Mirex           | 8.115 | 7.185 | 144.8E6 | 794.7E6  | 47.639 | 47.646  |
| -----                       |                 |       |       |         |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070425\  
Data File : PD089338.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Jul 2025 16:02  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_D

## ClientSampleId :

PSTDCCC050

## Manual Integrations

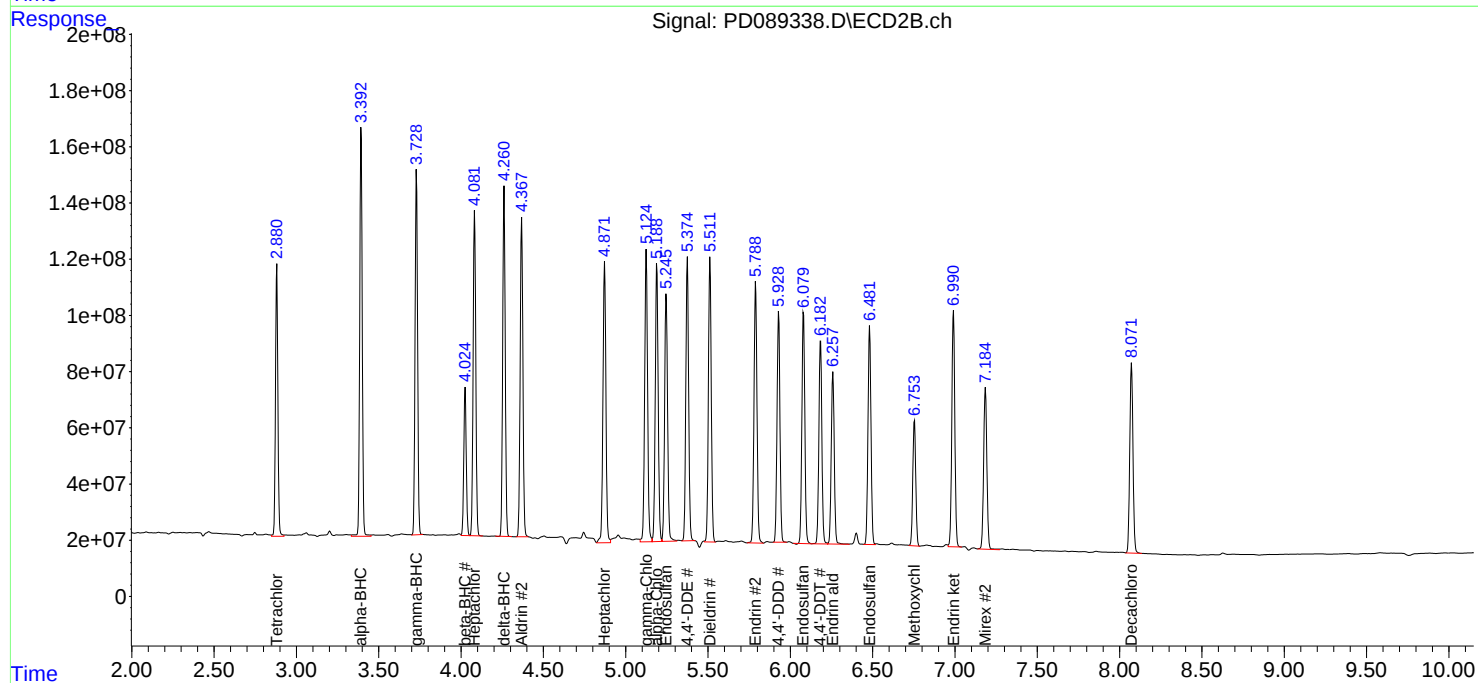
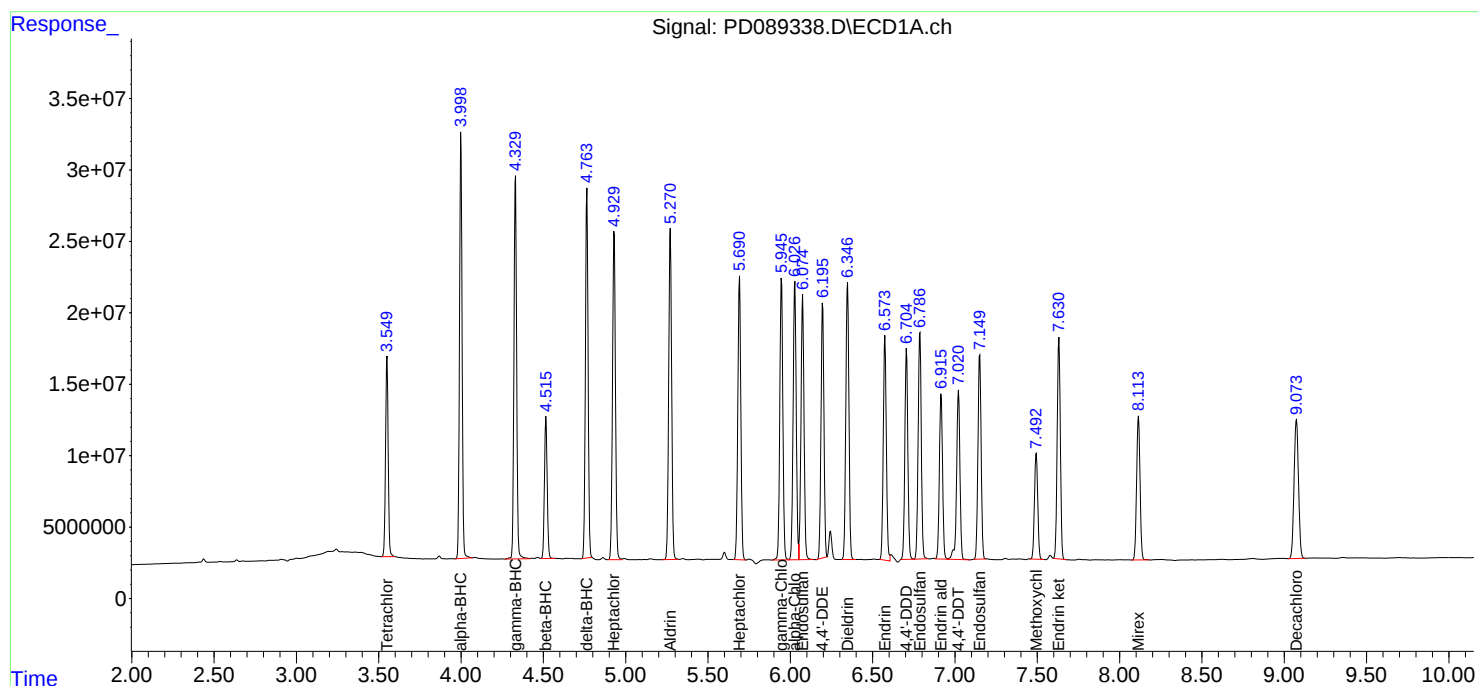
## APPROVED

Reviewed By :Abdul Mirza 07/07/2025

Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 04 02:19:43 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

Lab Name: Alliance

Contract: WALS01

Lab Code: ACE

SDG NO.: Q2487

Continuing Calib Date: 07/07/2025

Initial Calibration Date(s): 06/17/2025

06/17/2025

Continuing Calib Time: 12:02

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             | 4.51       | 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        | 6.78       | 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      | 5.94       | 5.95      | 5.85      | 6.05 | 0.01       |



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### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: WALS01

Lab Code: ACE

SDG NO.: Q2487

Continuing Calib Date: 07/07/2025

Initial Calibration Date(s): 06/17/2025

06/17/2025

Continuing Calib Time: 12:02

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

**Lab Name:** Alliance **Contract:** WALS01  
**Lab Code:** ACE **SDG NO.:** Q2487  
**GC Column:** ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/17/2025 06/17/2025

**Client Sample No.:** CCAL03 **Date Analyzed:** 07/07/2025  
**Lab Sample No.:** PSTDCCC050 **Data File :** PD089342.D **Time Analyzed:** 12:02

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| 4,4'-DDD             | 6.703 | 6.605     | 6.805 | 54.480             | 50.000            | 9.0  |
| 4,4'-DDE             | 6.194 | 6.096     | 6.296 | 55.240             | 50.000            | 10.5 |
| 4,4'-DDT             | 7.019 | 6.921     | 7.121 | 53.300             | 50.000            | 6.6  |
| Aldrin               | 5.269 | 5.171     | 5.371 | 55.040             | 50.000            | 10.1 |
| alpha-BHC            | 3.998 | 3.899     | 4.099 | 55.940             | 50.000            | 11.9 |
| alpha-Chlordane      | 6.025 | 5.927     | 6.127 | 54.700             | 50.000            | 9.4  |
| beta-BHC             | 4.514 | 4.415     | 4.615 | 53.810             | 50.000            | 7.6  |
| Decachlorobiphenyl   | 9.070 | 8.972     | 9.172 | 48.860             | 50.000            | -2.3 |
| delta-BHC            | 4.763 | 4.664     | 4.864 | 58.660             | 50.000            | 17.3 |
| Dieldrin             | 6.345 | 6.247     | 6.447 | 55.330             | 50.000            | 10.7 |
| Endosulfan I         | 6.072 | 5.975     | 6.175 | 54.990             | 50.000            | 10.0 |
| Endosulfan II        | 6.784 | 6.686     | 6.886 | 55.210             | 50.000            | 10.4 |
| Endosulfan sulfate   | 7.148 | 7.049     | 7.249 | 51.710             | 50.000            | 3.4  |
| Endrin               | 6.573 | 6.475     | 6.675 | 54.450             | 50.000            | 8.9  |
| Endrin aldehyde      | 6.913 | 6.815     | 7.015 | 53.140             | 50.000            | 6.3  |
| Endrin ketone        | 7.628 | 7.530     | 7.730 | 50.910             | 50.000            | 1.8  |
| gamma-BHC (Lindane)  | 4.329 | 4.230     | 4.430 | 55.630             | 50.000            | 11.3 |
| gamma-Chlordane      | 5.944 | 5.846     | 6.046 | 55.390             | 50.000            | 10.8 |
| Heptachlor           | 4.928 | 4.829     | 5.029 | 55.190             | 50.000            | 10.4 |
| Heptachlor epoxide   | 5.689 | 5.591     | 5.791 | 54.230             | 50.000            | 8.5  |
| Methoxychlor         | 7.491 | 7.393     | 7.593 | 49.120             | 50.000            | -1.8 |
| Tetrachloro-m-xylene | 3.549 | 3.450     | 3.650 | 53.260             | 50.000            | 6.5  |



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### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** WALS01  
**Lab Code:** ACE **SDG NO.:** Q2487  
**GC Column:** ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/17/2025 06/17/2025

**Client Sample No.:** CCAL03 **Date Analyzed:** 07/07/2025  
**Lab Sample No.:** PSTDCCC050 **Data File :** PD089342.D **Time Analyzed:** 12:02

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| 4,4'-DDD             | 5.928 | 5.830     | 6.030 | 53.560             | 50.000            | 7.1  |
| 4,4'-DDE             | 5.373 | 5.275     | 5.475 | 57.030             | 50.000            | 14.1 |
| 4,4'-DDT             | 6.181 | 6.084     | 6.284 | 56.700             | 50.000            | 13.4 |
| Aldrin               | 4.367 | 4.269     | 4.469 | 56.710             | 50.000            | 13.4 |
| alpha-BHC            | 3.392 | 3.293     | 3.493 | 56.500             | 50.000            | 13.0 |
| alpha-Chlordane      | 5.187 | 5.091     | 5.291 | 56.030             | 50.000            | 12.1 |
| beta-BHC             | 4.024 | 3.926     | 4.126 | 55.510             | 50.000            | 11.0 |
| Decachlorobiphenyl   | 8.070 | 7.972     | 8.172 | 49.450             | 50.000            | -1.1 |
| delta-BHC            | 4.261 | 4.162     | 4.362 | 56.520             | 50.000            | 13.0 |
| Dieldrin             | 5.511 | 5.413     | 5.613 | 56.420             | 50.000            | 12.8 |
| Endosulfan I         | 5.245 | 5.147     | 5.347 | 58.470             | 50.000            | 16.9 |
| Endosulfan II        | 6.078 | 5.981     | 6.181 | 56.080             | 50.000            | 12.2 |
| Endosulfan sulfate   | 6.480 | 6.383     | 6.583 | 55.240             | 50.000            | 10.5 |
| Endrin               | 5.787 | 5.689     | 5.889 | 55.490             | 50.000            | 11.0 |
| Endrin aldehyde      | 6.257 | 6.159     | 6.359 | 55.170             | 50.000            | 10.3 |
| Endrin ketone        | 6.989 | 6.892     | 7.092 | 53.700             | 50.000            | 7.4  |
| gamma-BHC (Lindane)  | 3.727 | 3.630     | 3.830 | 56.510             | 50.000            | 13.0 |
| gamma-Chlordane      | 5.122 | 5.026     | 5.226 | 55.920             | 50.000            | 11.8 |
| Heptachlor           | 4.081 | 3.983     | 4.183 | 55.880             | 50.000            | 11.8 |
| Heptachlor epoxide   | 4.869 | 4.773     | 4.973 | 56.040             | 50.000            | 12.1 |
| Methoxychlor         | 6.752 | 6.655     | 6.855 | 52.880             | 50.000            | 5.8  |
| Tetrachloro-m-xylene | 2.880 | 2.780     | 2.980 | 55.560             | 50.000            | 11.1 |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070725\  
 Data File : PD089342.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Jul 2025 12:02  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 07/08/2025  
 Supervised By : mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 07 13:22:23 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... | 3.549 | 2.880 | 152.0E6  | 941.9E6  | 53.260 | 55.560  |
| 28)                         | SA Decachlor... | 9.070 | 8.070 | 191.9E6  | 977.6E6  | 48.860 | 49.451  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.998 | 3.392 | 326.1E6  | 1514.1E6 | 55.941 | 56.501  |
| 3)                          | MA gamma-BHC... | 4.329 | 3.727 | 310.5E6  | 1399.0E6 | 55.632 | 56.511m |
| 4)                          | MA Heptachlor   | 4.928 | 4.081 | 300.9E6  | 1399.2E6 | 55.185 | 55.883  |
| 5)                          | MB Aldrin       | 5.269 | 4.367 | 292.4E6  | 1373.4E6 | 55.036 | 56.712  |
| 6)                          | B beta-BHC      | 4.514 | 4.024 | 118.8E6  | 596.5E6  | 53.810 | 55.512  |
| 7)                          | B delta-BHC     | 4.763 | 4.261 | 301.1E6  | 1405.8E6 | 58.655 | 56.516  |
| 8)                          | B Heptachlo...  | 5.689 | 4.869 | 261.6E6  | 1227.2E6 | 54.231 | 56.042m |
| 9)                          | A Endosulfan I  | 6.072 | 5.245 | 247.9E6  | 1218.6E6 | 54.993 | 58.468  |
| 10)                         | B gamma-Chl...  | 5.944 | 5.122 | 265.2E6  | 1337.8E6 | 55.389 | 55.921m |
| 11)                         | B alpha-Chl...  | 6.025 | 5.187 | 264.7E6  | 1282.9E6 | 54.698 | 56.028m |
| 12)                         | B 4,4'-DDE      | 6.194 | 5.373 | 240.9E6  | 1306.8E6 | 55.236 | 57.027  |
| 13)                         | MA Dieldrin     | 6.345 | 5.511 | 265.4E6  | 1309.4E6 | 55.328 | 56.418  |
| 14)                         | MA Endrin       | 6.573 | 5.787 | 224.6E6  | 1204.9E6 | 54.446 | 55.490  |
| 15)                         | B Endosulfa...  | 6.784 | 6.078 | 222.9E6  | 1132.6E6 | 55.214 | 56.079  |
| 16)                         | A 4,4'-DDD      | 6.703 | 5.928 | 187.0E6  | 1024.5E6 | 54.480 | 53.558  |
| 17)                         | MA 4,4'-DDT     | 7.019 | 6.181 | 201.9E6  | 1149.8E6 | 53.299 | 56.697  |
| 18)                         | B Endrin al...  | 6.913 | 6.257 | 162.8E6  | 844.8E6  | 53.145 | 55.174  |
| 19)                         | B Endosulfa...  | 7.148 | 6.480 | 198.4E6  | 1083.8E6 | 51.713 | 55.239  |
| 20)                         | A Methoxychlor  | 7.491 | 6.752 | 99253619 | 569.4E6  | 49.120 | 52.879  |
| 21)                         | B Endrin ke...  | 7.628 | 6.989 | 207.3E6  | 1160.1E6 | 50.907 | 53.702  |
| 22)                         | Mirex           | 8.112 | 7.183 | 148.7E6  | 884.7E6  | 48.926 | 53.048  |
| -----                       |                 |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070725\  
Data File : PD089342.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Jul 2025 12:02  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_D

## ClientSampleId :

PSTDCCC050

## Manual Integrations

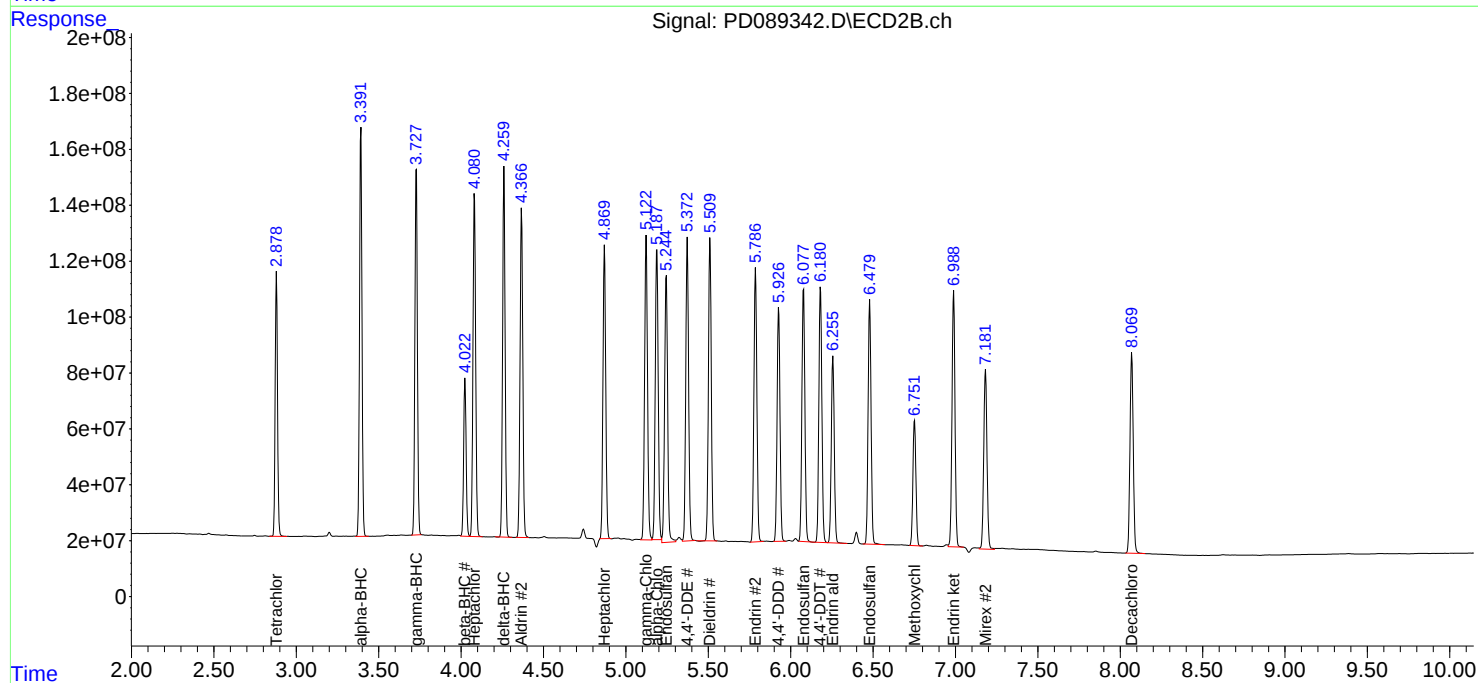
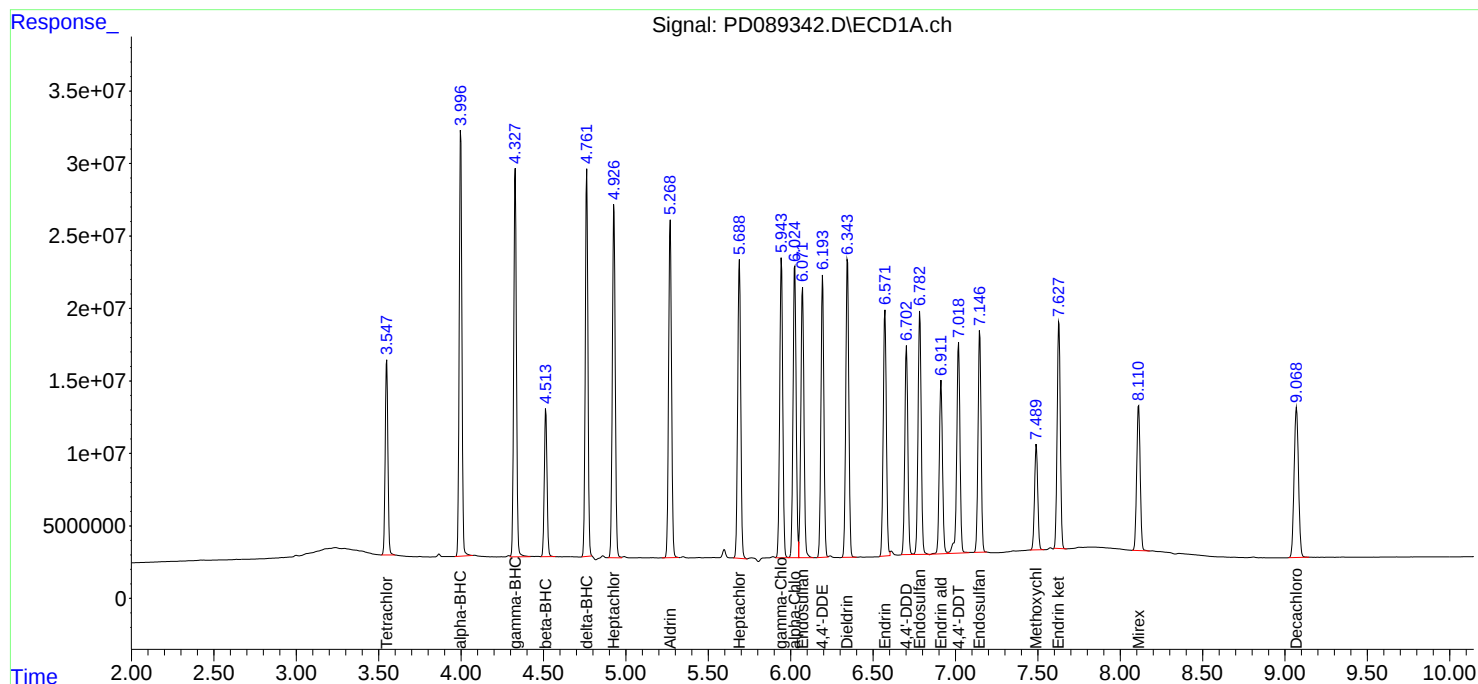
## APPROVED

Reviewed By :Abdul Mirza 07/08/2025

Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 07 13:22:23 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





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

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: WALS01

Lab Code: ACE

SDG NO.: Q2487

Continuing Calib Date: 07/07/2025

Initial Calibration Date(s): 06/17/2025

06/17/2025

Continuing Calib Time: 16:27

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 | 0.01       |
| 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

Lab Name: Alliance

Contract: WALS01

Lab Code: ACE

SDG NO.: Q2487

Continuing Calib Date: 07/07/2025

Initial Calibration Date(s): 06/17/2025

06/17/2025

Continuing Calib Time: 16:27

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      | 5.12       | 5.13      | 5.03      | 5.23 | 0.01       |



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### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** WALS01  
**Lab Code:** ACE **SDG NO.:** Q2487  
**GC Column:** ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/17/2025 06/17/2025

**Client Sample No.:** CCAL04 **Date Analyzed:** 07/07/2025  
**Lab Sample No.:** PSTDCCC050 **Data File :** PD089357.D **Time Analyzed:** 16:27

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| 4,4'-DDD             | 6.704 | 6.605     | 6.805 | 48.940             | 50.000            | -2.1  |
| 4,4'-DDE             | 6.195 | 6.096     | 6.296 | 50.220             | 50.000            | 0.4   |
| 4,4'-DDT             | 7.020 | 6.921     | 7.121 | 47.060             | 50.000            | -5.9  |
| Aldrin               | 5.270 | 5.171     | 5.371 | 54.180             | 50.000            | 8.4   |
| alpha-BHC            | 3.999 | 3.899     | 4.099 | 56.080             | 50.000            | 12.2  |
| alpha-Chlordane      | 6.026 | 5.927     | 6.127 | 50.810             | 50.000            | 1.6   |
| beta-BHC             | 4.516 | 4.415     | 4.615 | 53.080             | 50.000            | 6.2   |
| Decachlorobiphenyl   | 9.072 | 8.972     | 9.172 | 43.590             | 50.000            | -12.8 |
| delta-BHC            | 4.764 | 4.664     | 4.864 | 58.220             | 50.000            | 16.4  |
| Dieldrin             | 6.346 | 6.247     | 6.447 | 50.000             | 50.000            | 0.0   |
| Endosulfan I         | 6.073 | 5.975     | 6.175 | 50.940             | 50.000            | 1.9   |
| Endosulfan II        | 6.785 | 6.686     | 6.886 | 49.670             | 50.000            | -0.7  |
| Endosulfan sulfate   | 7.149 | 7.049     | 7.249 | 46.970             | 50.000            | -6.1  |
| Endrin               | 6.574 | 6.475     | 6.675 | 49.200             | 50.000            | -1.6  |
| Endrin aldehyde      | 6.914 | 6.815     | 7.015 | 47.240             | 50.000            | -5.5  |
| Endrin ketone        | 7.629 | 7.530     | 7.730 | 45.600             | 50.000            | -8.8  |
| gamma-BHC (Lindane)  | 4.330 | 4.230     | 4.430 | 55.350             | 50.000            | 10.7  |
| gamma-Chlordane      | 5.945 | 5.846     | 6.046 | 51.850             | 50.000            | 3.7   |
| Heptachlor           | 4.929 | 4.829     | 5.029 | 54.900             | 50.000            | 9.8   |
| Heptachlor epoxide   | 5.690 | 5.591     | 5.791 | 51.600             | 50.000            | 3.2   |
| Methoxychlor         | 7.492 | 7.393     | 7.593 | 43.830             | 50.000            | -12.3 |
| Tetrachloro-m-xylene | 3.550 | 3.450     | 3.650 | 53.260             | 50.000            | 6.5   |



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

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** WALS01  
**Lab Code:** ACE **SDG NO.:** Q2487  
**GC Column:** ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/17/2025 06/17/2025

**Client Sample No.:** CCAL04 **Date Analyzed:** 07/07/2025  
**Lab Sample No.:** PSTDCCC050 **Data File :** PD089357.D **Time Analyzed:** 16:27

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| 4,4'-DDD             | 5.928 | 5.830     | 6.030 | 49.790             | 50.000            | -0.4  |
| 4,4'-DDE             | 5.374 | 5.275     | 5.475 | 55.190             | 50.000            | 10.4  |
| 4,4'-DDT             | 6.183 | 6.084     | 6.284 | 51.090             | 50.000            | 2.2   |
| Aldrin               | 4.368 | 4.269     | 4.469 | 57.050             | 50.000            | 14.1  |
| alpha-BHC            | 3.393 | 3.293     | 3.493 | 57.530             | 50.000            | 15.1  |
| alpha-Chlordane      | 5.189 | 5.091     | 5.291 | 56.760             | 50.000            | 13.5  |
| beta-BHC             | 4.024 | 3.926     | 4.126 | 56.260             | 50.000            | 12.5  |
| Decachlorobiphenyl   | 8.071 | 7.972     | 8.172 | 40.430             | 50.000            | -19.1 |
| delta-BHC            | 4.261 | 4.162     | 4.362 | 57.120             | 50.000            | 14.2  |
| Dieldrin             | 5.512 | 5.413     | 5.613 | 54.450             | 50.000            | 8.9   |
| Endosulfan I         | 5.246 | 5.147     | 5.347 | 57.500             | 50.000            | 15.0  |
| Endosulfan II        | 6.079 | 5.981     | 6.181 | 51.350             | 50.000            | 2.7   |
| Endosulfan sulfate   | 6.481 | 6.383     | 6.583 | 50.300             | 50.000            | 0.6   |
| Endrin               | 5.788 | 5.689     | 5.889 | 52.730             | 50.000            | 5.5   |
| Endrin aldehyde      | 6.257 | 6.159     | 6.359 | 50.160             | 50.000            | 0.3   |
| Endrin ketone        | 6.990 | 6.892     | 7.092 | 46.390             | 50.000            | -7.2  |
| gamma-BHC (Lindane)  | 3.729 | 3.630     | 3.830 | 56.490             | 50.000            | 13.0  |
| gamma-Chlordane      | 5.123 | 5.026     | 5.226 | 54.860             | 50.000            | 9.7   |
| Heptachlor           | 4.082 | 3.983     | 4.183 | 56.540             | 50.000            | 13.1  |
| Heptachlor epoxide   | 4.870 | 4.773     | 4.973 | 56.040             | 50.000            | 12.1  |
| Methoxychlor         | 6.753 | 6.655     | 6.855 | 47.310             | 50.000            | -5.4  |
| Tetrachloro-m-xylene | 2.881 | 2.780     | 2.980 | 56.880             | 50.000            | 13.8  |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070725\  
 Data File : PD089357.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Jul 2025 16:27  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_D

## ClientSampleId :

PSTDCCC050

## Manual Integrations

## APPROVED

Reviewed By :Abdul Mirza 07/09/2025

Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 08 02:25:50 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 | 152.0E6  | 964.3E6  | 53.259 | 56.878  |
| 28)                         | SA Decachlor... | 9.072 | 8.071 | 171.2E6  | 799.4E6  | 43.585 | 40.433  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.999 | 3.393 | 326.9E6  | 1541.7E6 | 56.083 | 57.533  |
| 3)                          | MA gamma-BHC... | 4.330 | 3.729 | 308.9E6  | 1398.5E6 | 55.346 | 56.488  |
| 4)                          | MA Heptachlor   | 4.929 | 4.082 | 299.3E6  | 1415.7E6 | 54.903 | 56.540  |
| 5)                          | MB Aldrin       | 5.270 | 4.368 | 287.9E6  | 1381.5E6 | 54.181 | 57.047  |
| 6)                          | B beta-BHC      | 4.516 | 4.024 | 117.1E6  | 604.5E6  | 53.078 | 56.257  |
| 7)                          | B delta-BHC     | 4.764 | 4.261 | 298.8E6  | 1420.9E6 | 58.216 | 57.124  |
| 8)                          | B Heptachlo...  | 5.690 | 4.870 | 248.9E6  | 1227.1E6 | 51.603 | 56.038m |
| 9)                          | A Endosulfan I  | 6.073 | 5.246 | 229.6E6  | 1198.3E6 | 50.937 | 57.496  |
| 10)                         | B gamma-Chl...  | 5.945 | 5.123 | 248.2E6  | 1312.4E6 | 51.846 | 54.861m |
| 11)                         | B alpha-Chl...  | 6.026 | 5.189 | 245.9E6  | 1299.6E6 | 50.813 | 56.759  |
| 12)                         | B 4,4'-DDE      | 6.195 | 5.374 | 219.0E6  | 1264.8E6 | 50.224 | 55.191  |
| 13)                         | MA Dieldrin     | 6.346 | 5.512 | 239.9E6  | 1263.7E6 | 50.004 | 54.450  |
| 14)                         | MA Endrin       | 6.574 | 5.788 | 203.0E6  | 1144.9E6 | 49.205 | 52.729  |
| 15)                         | B Endosulfa...  | 6.785 | 6.079 | 200.5E6  | 1037.1E6 | 49.673 | 51.348  |
| 16)                         | A 4,4'-DDD      | 6.704 | 5.928 | 168.0E6  | 952.5E6  | 48.938 | 49.795  |
| 17)                         | MA 4,4'-DDT     | 7.020 | 6.183 | 178.3E6  | 1036.0E6 | 47.058 | 51.087  |
| 18)                         | B Endrin al...  | 6.914 | 6.257 | 144.7E6  | 767.9E6  | 47.240 | 50.156  |
| 19)                         | B Endosulfa...  | 7.149 | 6.481 | 180.2E6  | 986.9E6  | 46.966 | 50.297  |
| 20)                         | A Methoxychlor  | 7.492 | 6.753 | 88558845 | 509.5E6  | 43.827 | 47.315  |
| 21)                         | B Endrin ke...  | 7.629 | 6.990 | 185.7E6  | 1002.0E6 | 45.601 | 46.385  |
| 22)                         | Mirex           | 8.113 | 7.184 | 131.7E6  | 737.6E6  | 43.321 | 44.228  |
| -----                       |                 |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070725\  
Data File : PD089357.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Jul 2025 16:27  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_D

## ClientSampleId :

PSTDCCC050

## Manual Integrations

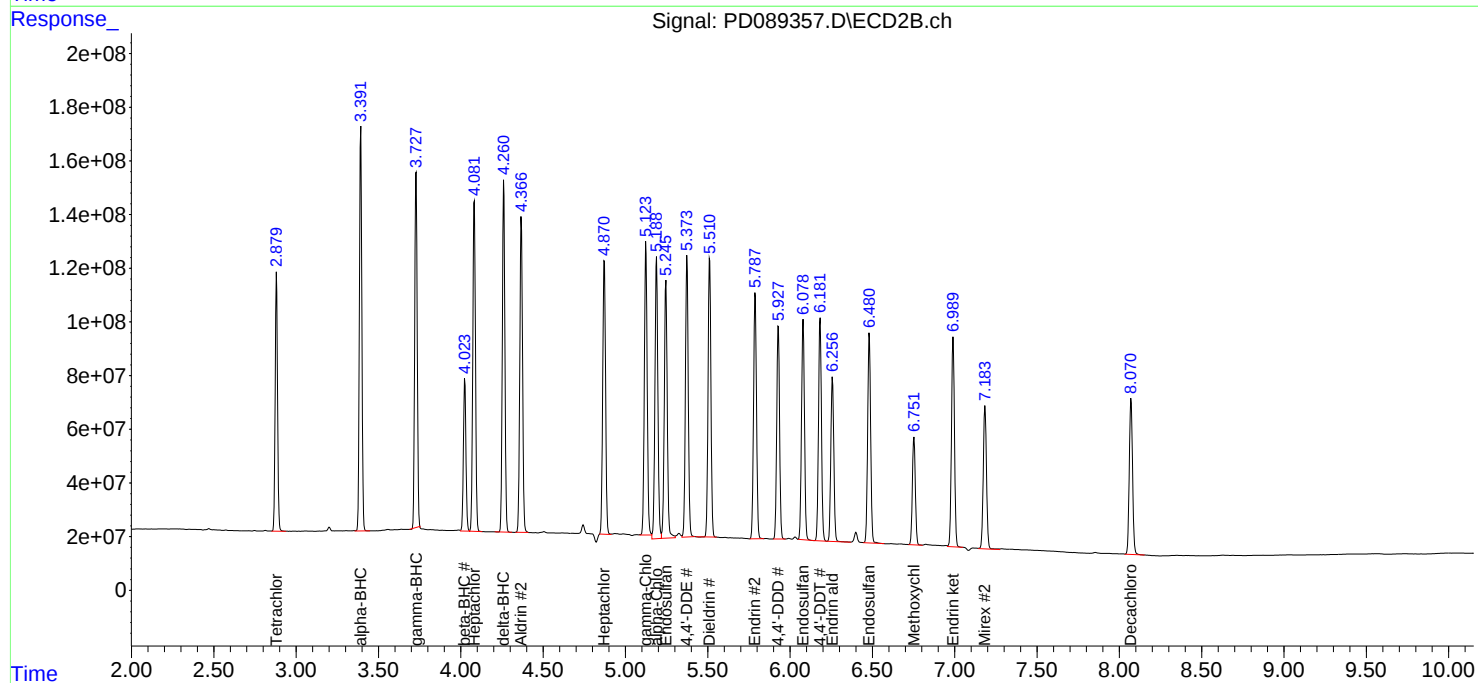
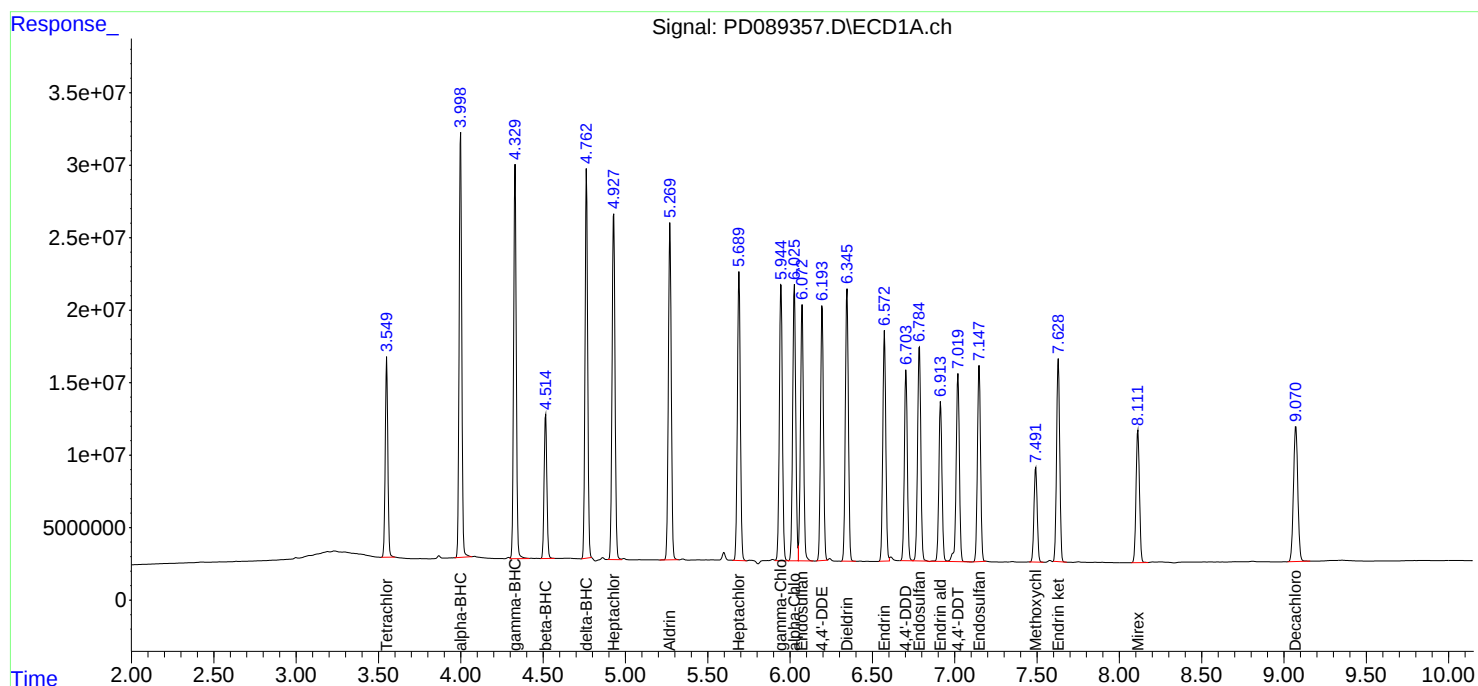
## APPROVED

Reviewed By :Abdul Mirza 07/09/2025

Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 08 02:25:50 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**

Lab Name: Alliance

Contract: WALS01

Lab Code: ACE

SDG NO.: Q2487

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<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| 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<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| 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

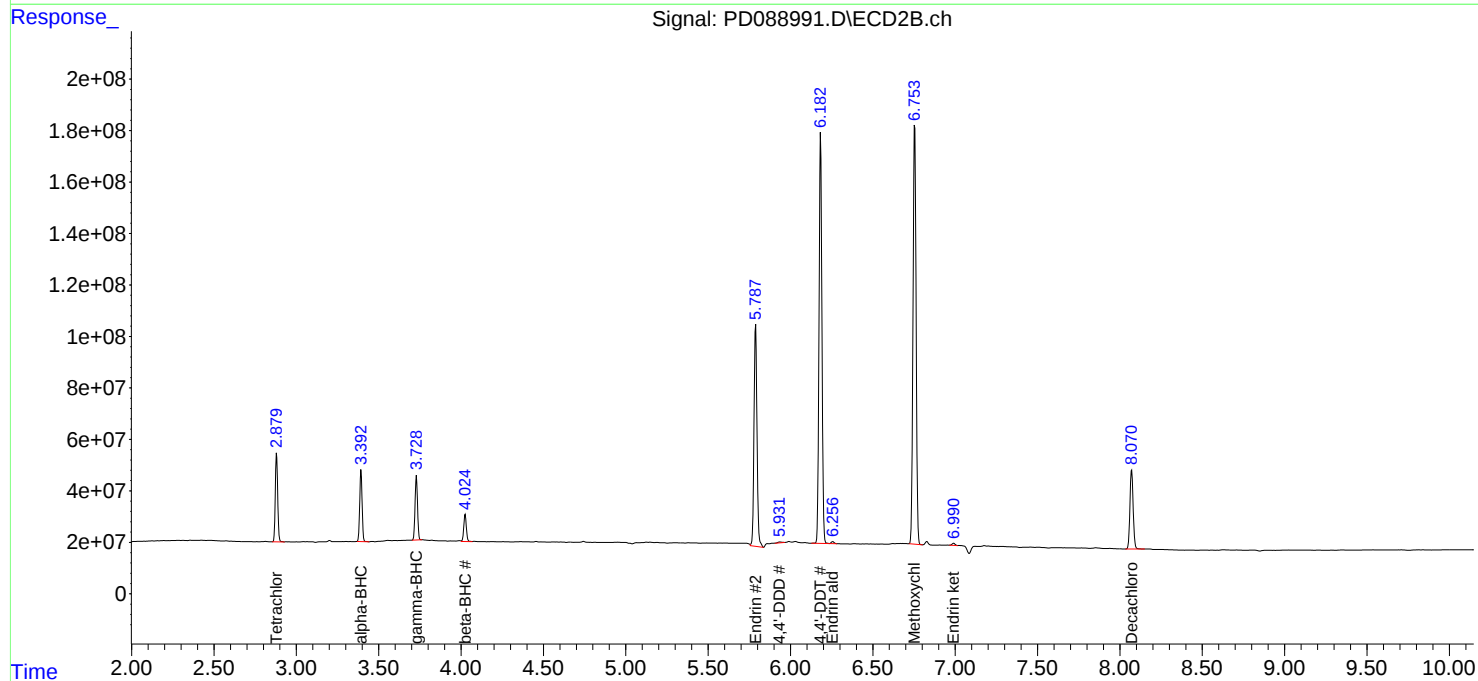
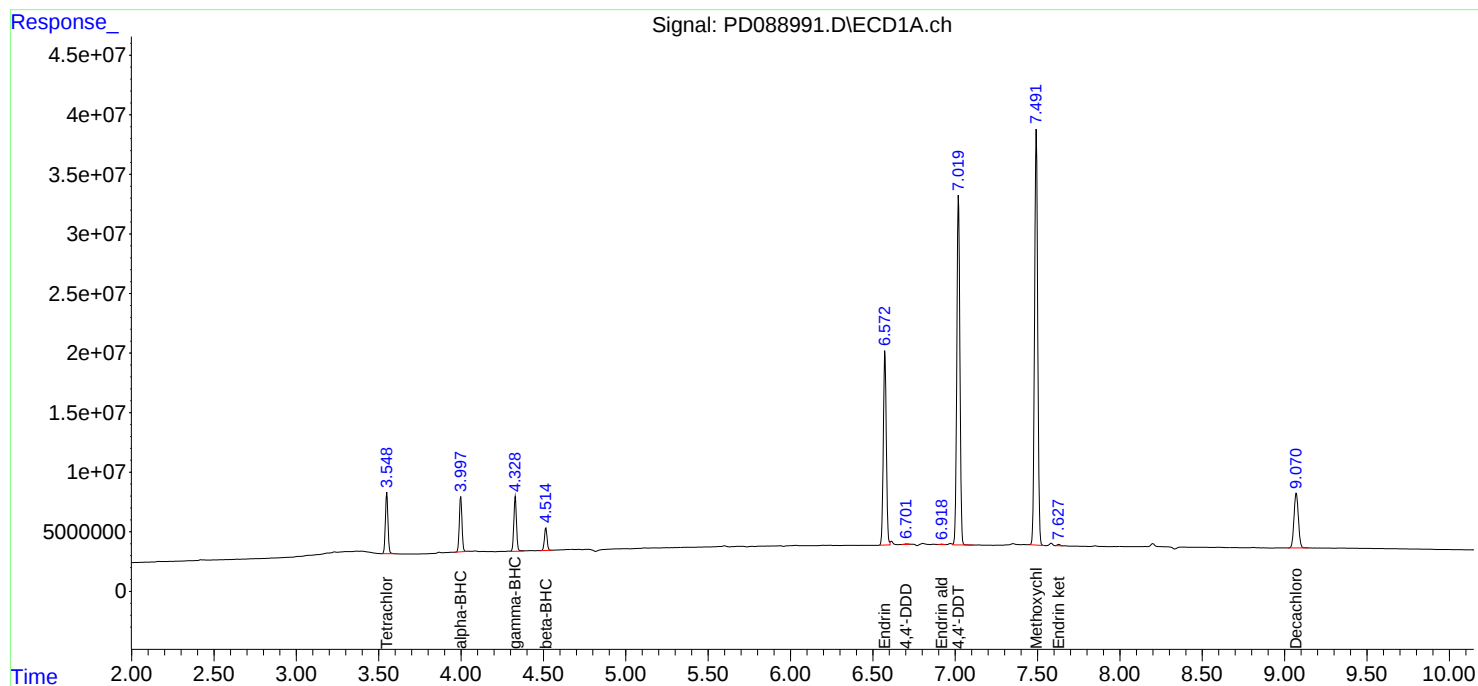
Instrument :  
ECD\_D  
ClientSampleId :  
PEM

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**

Lab Name: Alliance

Contract: WALS01

Lab Code: ACE

SDG NO.: Q2487

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

Client Sample No. (PEM): PEM - PD089327.D Date Analyzed: 07/03/2025

Lab Sample No.(PEM): PEM Time Analyzed: 09:32

| PEM COMPOUND         | RT    | RT WINDOW |       | CALC       | NOM        | %D    |
|----------------------|-------|-----------|-------|------------|------------|-------|
|                      |       | FROM      | TO    | AMOUNT(ng) | AMOUNT(ng) |       |
| Decachlorobiphenyl   | 9.073 | 8.970     | 9.170 | 19.550     | 20.000     | -2.3  |
| Tetrachloro-m-xylene | 3.551 | 3.500     | 3.600 | 21.620     | 20.000     | 8.1   |
| alpha-BHC            | 3.999 | 3.950     | 4.050 | 10.140     | 10.000     | 1.4   |
| beta-BHC             | 4.516 | 4.470     | 4.570 | 11.040     | 10.000     | 10.4  |
| gamma-BHC (Lindane)  | 4.331 | 4.280     | 4.380 | 10.550     | 10.000     | 5.5   |
| Endrin               | 6.574 | 6.500     | 6.640 | 48.050     | 50.000     | -3.9  |
| 4,4'-DDT             | 7.021 | 6.950     | 7.090 | 83.070     | 100.000    | -16.9 |
| Methoxychlor         | 7.494 | 7.420     | 7.560 | 183.850    | 250.000    | -26.5 |

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

Client Sample No. (PEM): PEM - PD089327.D Date Analyzed: 07/03/2025

Lab Sample No.(PEM): PEM Time Analyzed: 09:32

| PEM COMPOUND         | RT    | RT WINDOW |       | CALC       | NOM        | %D    |
|----------------------|-------|-----------|-------|------------|------------|-------|
|                      |       | FROM      | TO    | AMOUNT(ng) | AMOUNT(ng) |       |
| Decachlorobiphenyl   | 8.071 | 7.970     | 8.170 | 19.330     | 20.000     | -3.4  |
| Tetrachloro-m-xylene | 2.881 | 2.830     | 2.930 | 23.640     | 20.000     | 18.2  |
| alpha-BHC            | 3.393 | 3.340     | 3.440 | 12.290     | 10.000     | 22.9  |
| beta-BHC             | 4.025 | 3.970     | 4.080 | 11.540     | 10.000     | 15.4  |
| gamma-BHC (Lindane)  | 3.729 | 3.680     | 3.780 | 11.780     | 10.000     | 17.8  |
| Endrin               | 5.788 | 5.720     | 5.860 | 51.080     | 50.000     | 2.2   |
| 4,4'-DDT             | 6.182 | 6.110     | 6.250 | 82.740     | 100.000    | -17.3 |
| Methoxychlor         | 6.753 | 6.680     | 6.820 | 160.450    | 250.000    | -35.8 |

**Data File:** PEM  
 PD089327.D **Date Acquired** 7/3/2025 9:32  
**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 | 198227503.4 | 211531157.7           | 13303654.3          | Down<br><b>6.29</b> |
| Endrin aldehyde | 6.92 | 3278521.382 |                       |                     |                     |
| Endrin ketone   | 7.63 | 10025132.94 |                       |                     |                     |

Column #2

| Name               | RT   | Response    | Response<br>[E+EA+EK] | Response<br>[EA+EK] | % Break Down |
|--------------------|------|-------------|-----------------------|---------------------|--------------|
| Endrin #2          | 5.79 | 1109184579  | 1214927492            | 105742913           | <b>8.70</b>  |
| Endrin aldehyde #2 | 6.26 | 24041555.25 |                       |                     |              |
| Endrin ketone #2   | 6.99 | 81701357.78 |                       |                     |              |

**DDT BREAK DOWN**

Column #1

| Name     | RT   | Response    | Response<br>[DDT+DDE+DDD] | Response<br>[DDE+DDD] | % Break Down |
|----------|------|-------------|---------------------------|-----------------------|--------------|
| 4,4'-DDT | 7.02 | 314699780.6 | 339367790.3               | 24668009.7            | <b>7.27</b>  |
| 4,4'-DDE | 6.19 | 899767.037  |                           |                       |              |
| 4,4'-DDD | 6.70 | 23768242.68 |                           |                       |              |

Column #2

| Name        | RT   | Response    | Response<br>[DDT+DDE+DDD] | Response<br>[DDE+DDD] | % Break Down |
|-------------|------|-------------|---------------------------|-----------------------|--------------|
| 4,4'-DDT #2 | 6.18 | 1677864534  | 1845597601                | 167733067             | <b>9.09</b>  |
| 4,4'-DDE #2 | 5.37 | 7625893.265 |                           |                       |              |
| 4,4'-DDD #2 | 5.93 | 160107173.2 |                           |                       |              |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070425\  
 Data File : PD089327.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Jul 2025 09:32  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 07/07/2025  
 Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 04 02:16:52 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... | 3.551 | 2.881 | 61680202 | 400.7E6  | 21.618  | 23.636  |
| 28)                         | SA Decachlor... | 9.073 | 8.071 | 76793160 | 382.1E6  | 19.552  | 19.329  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.999 | 3.393 | 59112351 | 329.4E6  | 10.141  | 12.293  |
| 3)                          | MA gamma-BHC... | 4.331 | 3.729 | 58900726 | 291.7E6  | 10.553  | 11.781  |
| 6)                          | B beta-BHC      | 4.516 | 4.025 | 24368122 | 124.0E6  | 11.041  | 11.536  |
| 12)                         | B 4,4'-DDE      | 6.192 | 5.372 | 899767   | 7625893  | 0.206m  | 0.333m# |
| 14)                         | MA Endrin       | 6.574 | 5.788 | 198.2E6  | 1109.2E6 | 48.048  | 51.082  |
| 16)                         | A 4,4'-DDD      | 6.704 | 5.927 | 23768243 | 160.1E6  | 6.925m  | 8.370m  |
| 17)                         | MA 4,4'-DDT     | 7.021 | 6.182 | 314.7E6  | 1677.9E6 | 83.074  | 82.738  |
| 18)                         | B Endrin al...  | 6.916 | 6.257 | 3278521  | 24041555 | 1.070   | 1.570 # |
| 20)                         | A Methoxychlor  | 7.494 | 6.753 | 371.5E6  | 1727.7E6 | 183.849 | 160.450 |
| 21)                         | B Endrin ke...  | 7.630 | 6.989 | 10025133 | 81701358 | 2.461   | 3.782 # |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070425\  
Data File : PD089327.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Jul 2025 09:32  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

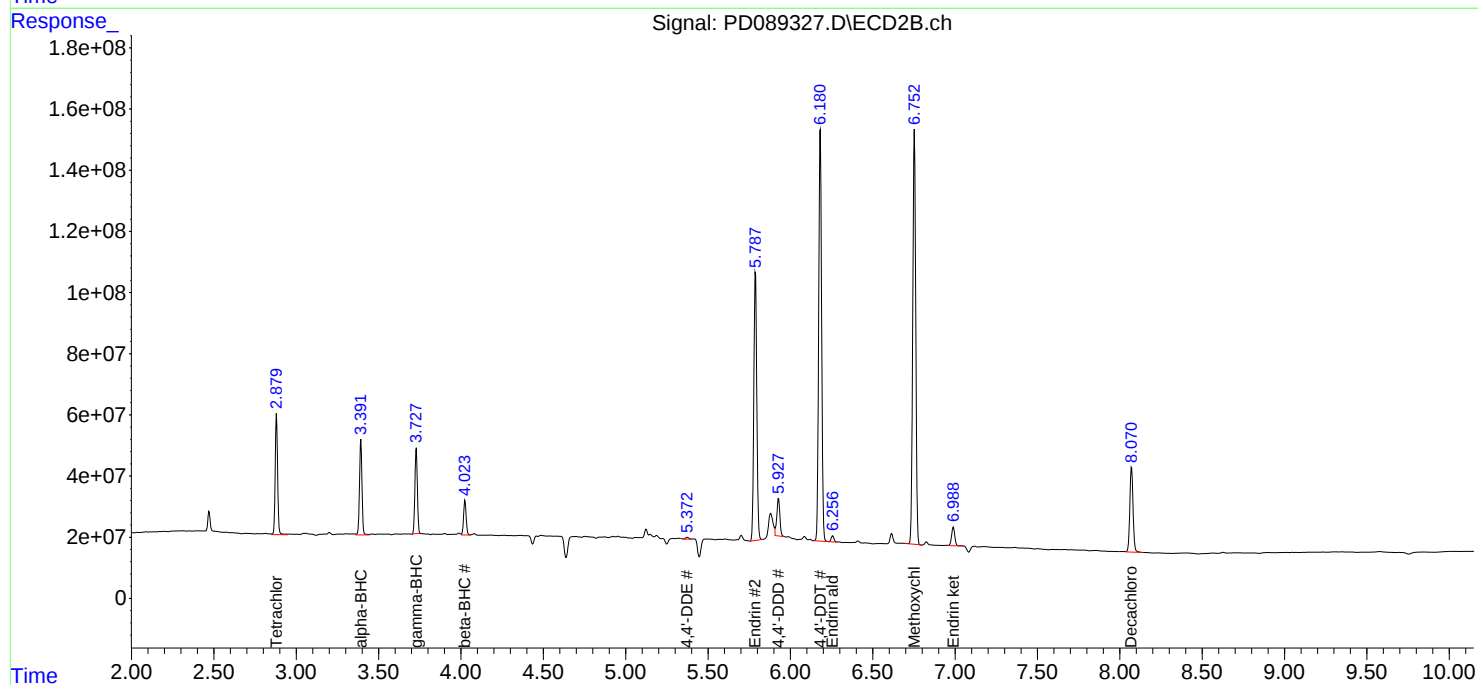
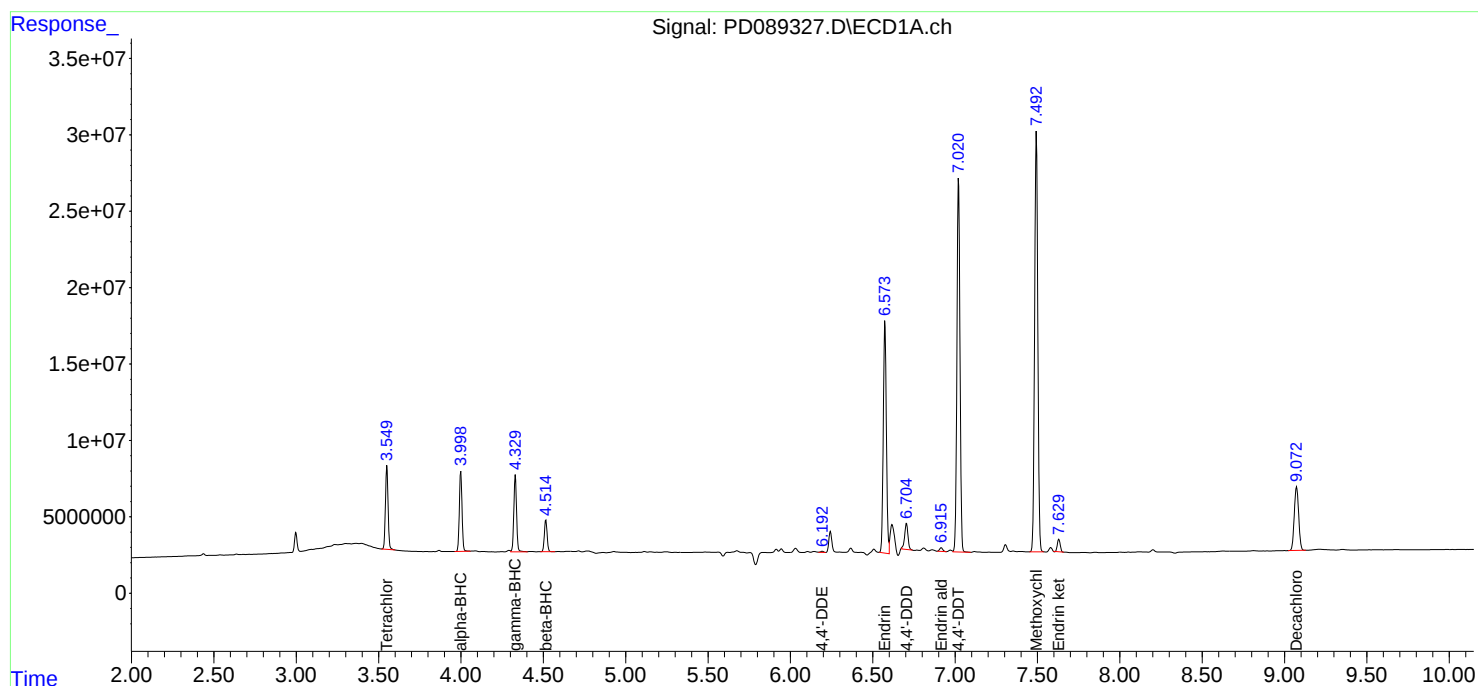
Instrument :  
ECD\_D  
ClientSampleId :  
PEM

Manual Integrations  
APPROVED

Reviewed By : Abdul Mirza 07/07/2025  
Supervised By : mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 04 02:16:52 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



**PESTICIDE CALIBRATION VERIFICATION SUMMARY**

Lab Name: Alliance

Contract: WALS01

Lab Code: ACE

SDG NO.: Q2487

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

Client Sample No. (PEM): PEM - PD089341.D Date Analyzed: 07/07/2025

Lab Sample No.(PEM): PEM Time Analyzed: 11:48

| PEM COMPOUND         | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| Decachlorobiphenyl   | 9.069 | 8.970     | 9.170 | 22.360             | 20.000            | 11.8 |
| Tetrachloro-m-xylene | 3.548 | 3.500     | 3.600 | 22.130             | 20.000            | 10.7 |
| alpha-BHC            | 3.998 | 3.950     | 4.050 | 10.370             | 10.000            | 3.7  |
| beta-BHC             | 4.514 | 4.460     | 4.560 | 11.480             | 10.000            | 14.8 |
| gamma-BHC (Lindane)  | 4.328 | 4.280     | 4.380 | 10.940             | 10.000            | 9.4  |
| Endrin               | 6.572 | 6.500     | 6.640 | 56.430             | 50.000            | 12.9 |
| 4,4'-DDT             | 7.018 | 6.950     | 7.090 | 108.090            | 100.000           | 8.1  |
| Methoxychlor         | 7.491 | 7.420     | 7.560 | 241.700            | 250.000           | -3.3 |

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

Client Sample No. (PEM): PEM - PD089341.D Date Analyzed: 07/07/2025

Lab Sample No.(PEM): PEM Time Analyzed: 11:48

| PEM COMPOUND         | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| Decachlorobiphenyl   | 8.070 | 7.970     | 8.170 | 22.270             | 20.000            | 11.4  |
| Tetrachloro-m-xylene | 2.880 | 2.830     | 2.930 | 23.940             | 20.000            | 19.7  |
| alpha-BHC            | 3.392 | 3.340     | 3.440 | 12.570             | 10.000            | 25.7  |
| beta-BHC             | 4.024 | 3.970     | 4.070 | 12.570             | 10.000            | 25.7  |
| gamma-BHC (Lindane)  | 3.727 | 3.680     | 3.780 | 12.430             | 10.000            | 24.3  |
| Endrin               | 5.788 | 5.720     | 5.860 | 56.770             | 50.000            | 13.5  |
| 4,4'-DDT             | 6.182 | 6.110     | 6.250 | 111.020            | 100.000           | 11.0  |
| Methoxychlor         | 6.752 | 6.680     | 6.820 | 217.880            | 250.000           | -12.8 |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070725\  
 Data File : PD089341.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Jul 2025 11:48  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 07/08/2025  
 Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 07 13:21:58 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 | 2.880 | 63133425 | 405.9E6  | 22.128  | 23.941  |
| 28)                         | SA Decachlor... | 9.069 | 8.070 | 87831705 | 440.2E6  | 22.363  | 22.266  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.998 | 3.392 | 60457597 | 336.9E6  | 10.372  | 12.573  |
| 3)                          | MA gamma-BHC... | 4.328 | 3.727 | 61041751 | 307.8E6  | 10.936  | 12.432m |
| 6)                          | B beta-BHC      | 4.514 | 4.024 | 25331152 | 135.1E6  | 11.477  | 12.569  |
| 12)                         | B 4,4'-DDE      | 6.194 | 5.375 | 580825   | 2497994  | 0.133m  | 0.109   |
| 14)                         | MA Endrin       | 6.572 | 5.788 | 232.8E6  | 1232.7E6 | 56.435  | 56.768  |
| 16)                         | A 4,4'-DDD      | 6.702 | 5.929 | 4407107  | 29936724 | 1.284   | 1.565   |
| 17)                         | MA 4,4'-DDT     | 7.018 | 6.182 | 409.5E6  | 2251.3E6 | 108.086 | 111.015 |
| 18)                         | B Endrin al...  | 6.916 | 6.254 | 1123514  | 11777615 | 0.367   | 0.769m# |
| 20)                         | A Methoxychlor  | 7.491 | 6.752 | 488.4E6  | 2346.1E6 | 241.702 | 217.878 |
| 21)                         | B Endrin ke...  | 7.626 | 6.988 | 3172088  | 24733467 | 0.779m  | 1.145m# |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070725\  
Data File : PD089341.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Jul 2025 11:48  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

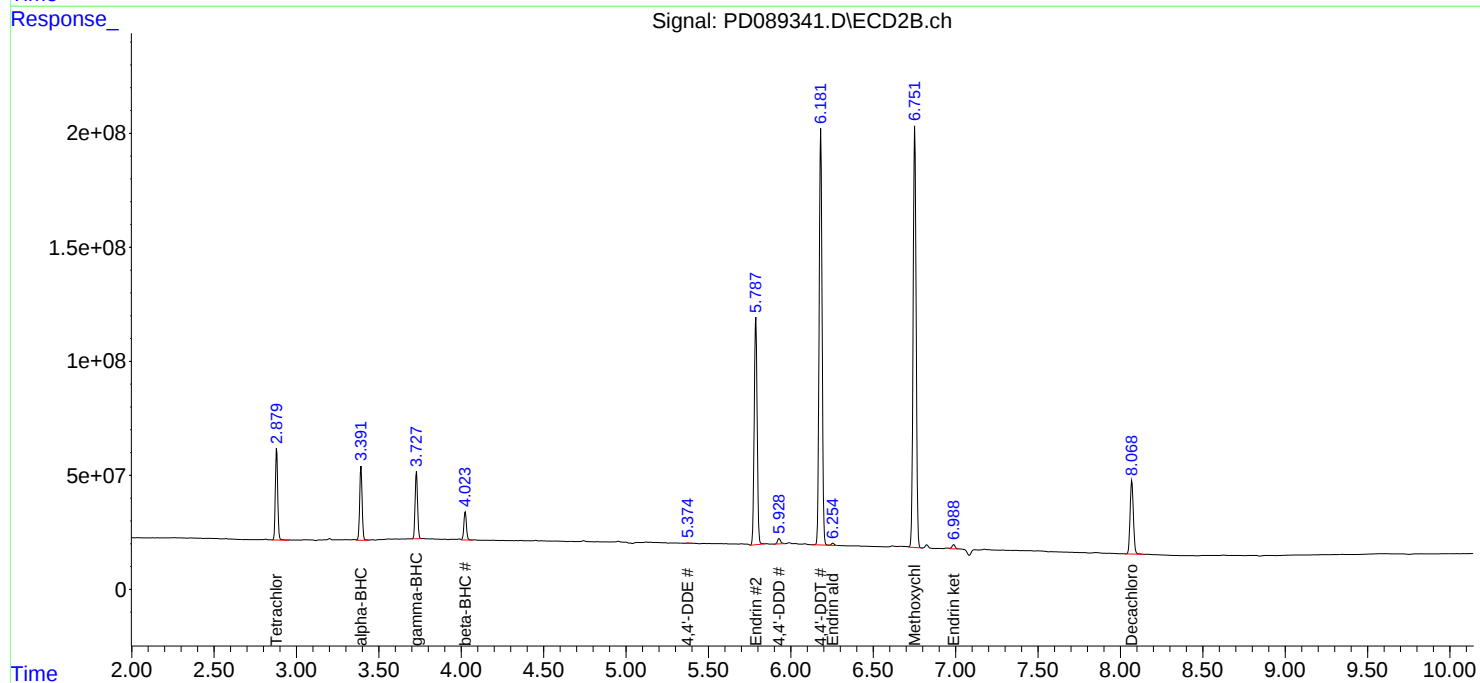
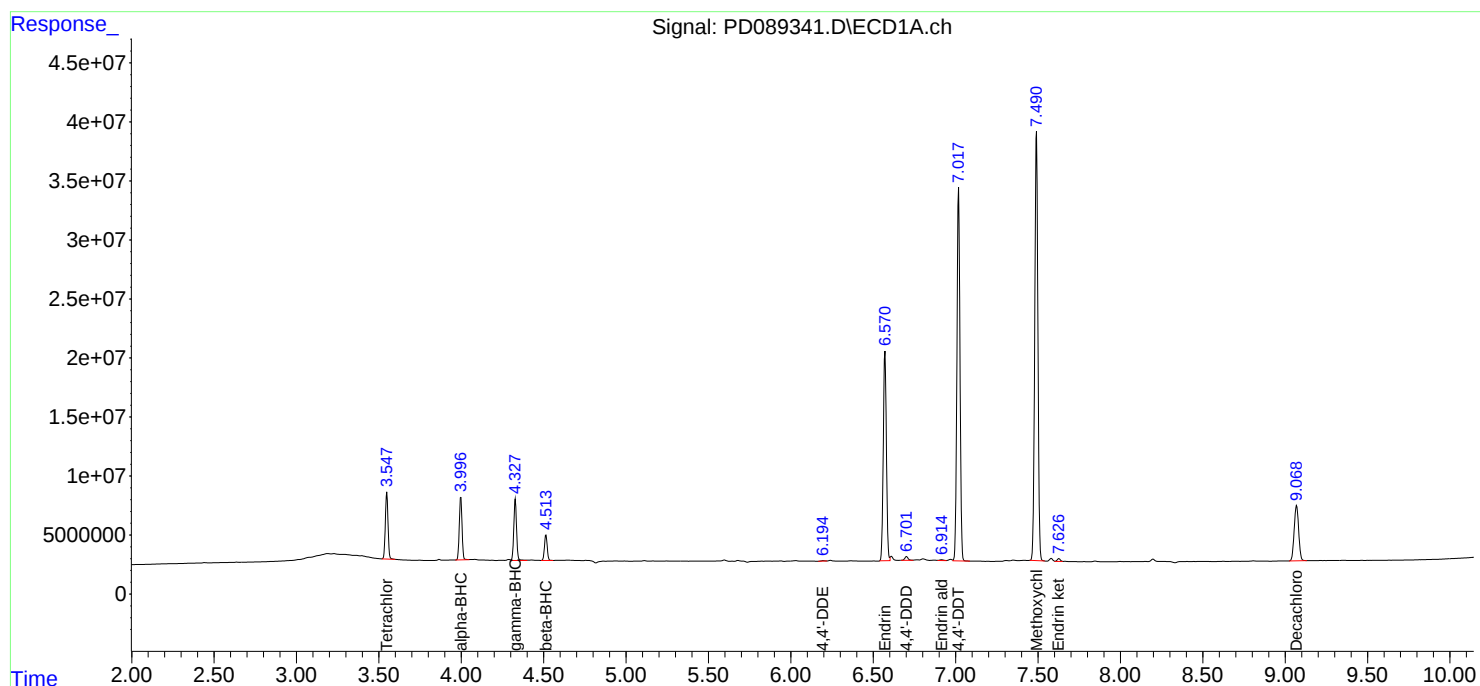
Instrument :  
ECD\_D  
ClientSampleId :  
PEM

Manual Integrations  
APPROVED

Reviewed By : Abdul Mirza 07/08/2025  
Supervised By : mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 07 13:21:58 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



## Analytical Sequence

|                                                     |                                                                     |
|-----------------------------------------------------|---------------------------------------------------------------------|
| Client: Walsh Construction Company II, LLC          | SDG No.: Q2487                                                      |
| Project: Construction of Shafts 17B-18B - PN 220084 | 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:

| CLIENT ID    | 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 | 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        |
| IBLK         | IBLK             | 07/03/2025       | 09:19            | PD089326.D | 9.08        | 3.55        |
| PEM          | PEM              | 07/03/2025       | 09:32            | PD089327.D | 9.07        | 3.55        |
| PSTDCCC050   | PSTDCCC050       | 07/03/2025       | 09:46            | PD089328.D | 9.07        | 3.55        |
| PB168725BL   | PB168725BL       | 07/03/2025       | 14:54            | PD089333.D | 9.07        | 3.55        |
| PB168725BS   | PB168725BS       | 07/03/2025       | 15:07            | PD089334.D | 9.08        | 3.55        |
| G4(0-6)      | Q2487-09         | 07/03/2025       | 15:21            | PD089335.D | 9.07        | 3.55        |
| G4(6-12)     | Q2487-10         | 07/03/2025       | 15:35            | PD089336.D | 9.07        | 3.55        |
| IBLK         | IBLK             | 07/03/2025       | 15:48            | PD089337.D | 9.08        | 3.55        |
| PSTDCCC050   | PSTDCCC050       | 07/03/2025       | 16:02            | PD089338.D | 9.07        | 3.55        |
| IBLK         | IBLK             | 07/07/2025       | 11:34            | PD089340.D | 9.07        | 3.55        |
| PEM          | PEM              | 07/07/2025       | 11:48            | PD089341.D | 9.07        | 3.55        |
| PSTDCCC050   | PSTDCCC050       | 07/07/2025       | 12:02            | PD089342.D | 9.07        | 3.55        |
| G3(0-6)      | Q2487-11         | 07/07/2025       | 12:30            | PD089344.D | 9.07        | 3.55        |
| G3(6-12)     | Q2487-12         | 07/07/2025       | 12:44            | PD089345.D | 9.07        | 3.55        |
| G2(0-6)      | Q2487-13         | 07/07/2025       | 12:57            | PD089346.D | 9.07        | 3.55        |
| G2(6-12)     | Q2487-14         | 07/07/2025       | 13:11            | PD089347.D | 9.07        | 3.55        |
| G1(0-6)      | Q2487-15         | 07/07/2025       | 13:28            | PD089348.D | 9.08        | 3.55        |
| G1(6-12)     | Q2487-16         | 07/07/2025       | 13:42            | PD089349.D | 9.07        | 3.55        |
| WC-11MS      | Q2493-01MS       | 07/07/2025       | 14:09            | PD089351.D | 9.07        | 3.55        |
| WC-11MSD     | Q2493-01MSD      | 07/07/2025       | 14:51            | PD089352.D | 9.08        | 3.56        |
| IBLK         | IBLK             | 07/07/2025       | 16:13            | PD089356.D | 9.07        | 3.55        |
| PSTDCCC050   | PSTDCCC050       | 07/07/2025       | 16:27            | PD089357.D | 9.07        | 3.55        |

## Analytical Sequence

|                                                     |                                                                     |
|-----------------------------------------------------|---------------------------------------------------------------------|
| Client: Walsh Construction Company II, LLC          | SDG No.: Q2487                                                      |
| Project: Construction of Shafts 17B-18B - PN 220084 | 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:

| CLIENT ID    | 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        |
| PSTDICC100   | PSTDICC100       | 06/17/2025       | 15:52            | PD088993.D | 8.07        | 2.88        |
| PSTDICC075   | PSTDICC075       | 06/17/2025       | 16:06            | PD088994.D | 8.07        | 2.88        |
| PSTDICC050   | PSTDICC050       | 06/17/2025       | 16:20            | PD088995.D | 8.07        | 2.88        |
| PSTDICC025   | PSTDICC025       | 06/17/2025       | 16:33            | PD088996.D | 8.07        | 2.88        |
| PSTDICC005   | PSTDICC005       | 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             | 07/03/2025       | 09:19            | PD089326.D | 8.07        | 2.88        |
| PEM          | PEM              | 07/03/2025       | 09:32            | PD089327.D | 8.07        | 2.88        |
| PSTDCCC050   | PSTDCCC050       | 07/03/2025       | 09:46            | PD089328.D | 8.07        | 2.88        |
| PB168725BL   | PB168725BL       | 07/03/2025       | 14:54            | PD089333.D | 8.07        | 2.88        |
| PB168725BS   | PB168725BS       | 07/03/2025       | 15:07            | PD089334.D | 8.07        | 2.88        |
| G4(0-6)      | Q2487-09         | 07/03/2025       | 15:21            | PD089335.D | 8.07        | 2.88        |
| G4(6-12)     | Q2487-10         | 07/03/2025       | 15:35            | PD089336.D | 8.07        | 2.88        |
| IBLK         | IBLK             | 07/03/2025       | 15:48            | PD089337.D | 8.07        | 2.88        |
| PSTDCCC050   | PSTDCCC050       | 07/03/2025       | 16:02            | PD089338.D | 8.07        | 2.88        |
| IBLK         | IBLK             | 07/07/2025       | 11:34            | PD089340.D | 8.07        | 2.88        |
| PEM          | PEM              | 07/07/2025       | 11:48            | PD089341.D | 8.07        | 2.88        |
| PSTDCCC050   | PSTDCCC050       | 07/07/2025       | 12:02            | PD089342.D | 8.07        | 2.88        |
| G3(0-6)      | Q2487-11         | 07/07/2025       | 12:30            | PD089344.D | 8.07        | 2.88        |
| G3(6-12)     | Q2487-12         | 07/07/2025       | 12:44            | PD089345.D | 8.07        | 2.88        |
| G2(0-6)      | Q2487-13         | 07/07/2025       | 12:57            | PD089346.D | 8.07        | 2.88        |
| G2(6-12)     | Q2487-14         | 07/07/2025       | 13:11            | PD089347.D | 8.07        | 2.88        |
| G1(0-6)      | Q2487-15         | 07/07/2025       | 13:28            | PD089348.D | 8.07        | 2.88        |
| G1(6-12)     | Q2487-16         | 07/07/2025       | 13:42            | PD089349.D | 8.07        | 2.88        |
| WC-IIMS      | Q2493-01MS       | 07/07/2025       | 14:09            | PD089351.D | 8.07        | 2.88        |
| WC-IIMSD     | Q2493-01MSD      | 07/07/2025       | 14:51            | PD089352.D | 8.07        | 2.88        |
| IBLK         | IBLK             | 07/07/2025       | 16:13            | PD089356.D | 8.07        | 2.88        |
| PSTDCCC050   | PSTDCCC050       | 07/07/2025       | 16:27            | PD089357.D | 8.07        | 2.88        |

**COMPOUND DETECTION SUMMARY**

**CLIENT SAMPLE NO.**

**PB168725BS**

**Lab Name:** Alliance

**Contract:** WALS01

**Lab Code:** ACE

**SDG NO.:** Q2487

**Lab Sample ID:** PB168725BS

**Date(s) Analyzed:** 07/03/2025 07/03/2025

**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 | 18.4          | 1.6  |
|                    | 2   | 6.08 | 6.03      | 6.13 | 18.1          |      |
| 4,4'-DDD           | 1   | 6.71 | 6.66      | 6.76 | 19.1          | 3.7  |
|                    | 2   | 5.93 | 5.88      | 5.98 | 18.4          |      |
| 4,4'-DDT           | 1   | 7.02 | 6.97      | 7.07 | 15.0          | 4.6  |
|                    | 2   | 6.18 | 6.13      | 6.23 | 15.7          |      |
| Endrin aldehyde    | 1   | 6.92 | 6.87      | 6.97 | 18.3          | 1.1  |
|                    | 2   | 6.26 | 6.21      | 6.31 | 18.1          |      |
| Endosulfan sulfate | 1   | 7.15 | 7.10      | 7.20 | 18.0          | 0    |
|                    | 2   | 6.48 | 6.43      | 6.53 | 18.0          |      |
| alpha-BHC          | 1   | 4.00 | 3.95      | 4.05 | 18.2          | 1.6  |
|                    | 2   | 3.39 | 3.34      | 3.44 | 18.5          |      |
| Aldrin             | 1   | 5.27 | 5.22      | 5.32 | 18.3          | 0.5  |
|                    | 2   | 4.37 | 4.32      | 4.42 | 18.4          |      |
| beta-BHC           | 1   | 4.52 | 4.47      | 4.57 | 17.1          | 4.6  |
|                    | 2   | 4.03 | 3.98      | 4.08 | 17.9          |      |
| delta-BHC          | 1   | 4.76 | 4.71      | 4.81 | 19.0          | 3.8  |
|                    | 2   | 4.26 | 4.21      | 4.31 | 18.3          |      |
| Endosulfan I       | 1   | 6.07 | 6.02      | 6.12 | 18.1          | 0.6  |
|                    | 2   | 5.25 | 5.20      | 5.30 | 18.2          |      |
| alpha-Chlordane    | 1   | 6.03 | 5.98      | 6.08 | 18.0          | 0    |
|                    | 2   | 5.19 | 5.14      | 5.24 | 18.0          |      |
| 4,4'-DDE           | 1   | 6.20 | 6.15      | 6.25 | 18.1          | 0.6  |
|                    | 2   | 5.37 | 5.32      | 5.42 | 18.0          |      |
| Dieldrin           | 1   | 6.35 | 6.30      | 6.40 | 18.3          | 1.1  |
|                    | 2   | 5.51 | 5.46      | 5.56 | 18.1          |      |
| Endrin             | 1   | 6.58 | 6.53      | 6.63 | 16.1          | 0.6  |
|                    | 2   | 5.79 | 5.74      | 5.84 | 16.0          |      |

**COMPOUND DETECTION SUMMARY**

**CLIENT SAMPLE NO.**

**PB168725BS**

**Lab Name:** Alliance

**Contract:** WALS01

**Lab Code:** ACE

**SDG NO.:** Q2487

**Lab Sample ID:** PB168725BS

**Date(s) Analyzed:** 07/03/2025 07/03/2025

**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   |               |      |
| Methoxychlor        | 1   | 7.49 | 7.44      | 7.54 | 14.0          | 4.9  |
|                     | 2   | 6.75 | 6.70      | 6.80 | 14.7          |      |
| Endrin ketone       | 1   | 7.63 | 7.58      | 7.68 | 18.2          | 1.1  |
|                     | 2   | 6.99 | 6.94      | 7.04 | 18.4          |      |
| gamma-BHC (Lindane) | 1   | 4.33 | 4.28      | 4.38 | 18.0          | 0.6  |
|                     | 2   | 3.73 | 3.68      | 3.78 | 18.1          |      |
| Heptachlor          | 1   | 4.93 | 4.88      | 4.98 | 17.4          | 0    |
|                     | 2   | 4.08 | 4.03      | 4.13 | 17.4          |      |
| Heptachlor epoxide  | 1   | 5.69 | 5.64      | 5.74 | 17.9          | 2.2  |
|                     | 2   | 4.87 | 4.82      | 4.92 | 18.3          |      |
| gamma-Chlordane     | 1   | 5.95 | 5.90      | 6.00 | 18.5          | 2.2  |
|                     | 2   | 5.13 | 5.08      | 5.18 | 18.1          |      |

**COMPOUND DETECTION SUMMARY**

CLIENT SAMPLE NO.

WC-11MS

Lab Name: Alliance

Contract: WALS01

Lab Code: ACE

SDG NO.: Q2487

Lab Sample ID: Q2493-01MS

Date(s) Analyzed: 07/07/2025 07/07/2025

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 | 13.7          | 11.7 |
|                     | 2   | 6.08 | 6.03      | 6.13 | 15.4          |      |
| 4,4'-DDD            | 1   | 6.70 | 6.65      | 6.75 | 14.3          | 2.8  |
|                     | 2   | 5.93 | 5.88      | 5.98 | 14.7          |      |
| 4,4'-DDT            | 1   | 7.02 | 6.97      | 7.07 | 13.7          | 11   |
|                     | 2   | 6.18 | 6.13      | 6.23 | 15.3          |      |
| Endrin aldehyde     | 1   | 6.91 | 6.86      | 6.96 | 14.1          | 5.5  |
|                     | 2   | 6.26 | 6.21      | 6.31 | 14.9          |      |
| Endosulfan sulfate  | 1   | 7.15 | 7.10      | 7.20 | 13.6          | 7.8  |
|                     | 2   | 6.48 | 6.43      | 6.53 | 14.7          |      |
| Methoxychlor        | 1   | 7.49 | 7.44      | 7.54 | 12.3          | 7.8  |
|                     | 2   | 6.75 | 6.70      | 6.80 | 13.3          |      |
| Endrin ketone       | 1   | 7.63 | 7.58      | 7.68 | 13.3          | 5.4  |
|                     | 2   | 6.99 | 6.94      | 7.04 | 12.6          |      |
| alpha-BHC           | 1   | 4.00 | 3.95      | 4.05 | 16.6          | 9.7  |
|                     | 2   | 3.39 | 3.34      | 3.44 | 18.3          |      |
| gamma-BHC (Lindane) | 1   | 4.33 | 4.28      | 4.38 | 17.1          | 5.1  |
|                     | 2   | 3.73 | 3.68      | 3.78 | 18.0          |      |
| Heptachlor          | 1   | 4.93 | 4.88      | 4.98 | 16.5          | 8.1  |
|                     | 2   | 4.08 | 4.03      | 4.13 | 17.9          |      |
| Aldrin              | 1   | 5.27 | 5.22      | 5.32 | 15.8          | 12.5 |
|                     | 2   | 4.37 | 4.32      | 4.42 | 17.9          |      |
| beta-BHC            | 1   | 4.52 | 4.47      | 4.57 | 16.3          | 10.5 |
|                     | 2   | 4.02 | 3.97      | 4.07 | 18.1          |      |
| delta-BHC           | 1   | 4.76 | 4.71      | 4.81 | 17.6          | 2.8  |
|                     | 2   | 4.26 | 4.21      | 4.31 | 18.1          |      |
| Heptachlor epoxide  | 1   | 5.69 | 5.64      | 5.74 | 15.2          | 18   |
|                     | 2   | 4.87 | 4.82      | 4.92 | 18.2          |      |

**COMPOUND DETECTION SUMMARY**

CLIENT SAMPLE NO.

WC-11MS

Lab Name: Alliance

Contract: WALS01

Lab Code: ACE

SDG NO.: Q2487

Lab Sample ID: Q2493-01MS

Date(s) Analyzed: 07/07/2025 07/07/2025

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 | 15.1          | 11.8 |
|                 | 2   | 5.25 | 5.20      | 5.30 | 17.0          |      |
| gamma-Chlordane | 1   | 5.94 | 5.89      | 5.99 | 15.0          | 13.7 |
|                 | 2   | 5.12 | 5.07      | 5.17 | 17.2          |      |
| alpha-Chlordane | 1   | 6.03 | 5.98      | 6.08 | 15.1          | 12.4 |
|                 | 2   | 5.19 | 5.14      | 5.24 | 17.1          |      |
| 4,4'-DDE        | 1   | 6.19 | 6.14      | 6.24 | 14.8          | 12.7 |
|                 | 2   | 5.37 | 5.32      | 5.42 | 16.8          |      |
| Dieldrin        | 1   | 6.35 | 6.30      | 6.40 | 14.6          | 13.4 |
|                 | 2   | 5.51 | 5.46      | 5.56 | 16.7          |      |
| Endrin          | 1   | 6.57 | 6.52      | 6.62 | 14.5          | 11.7 |
|                 | 2   | 5.79 | 5.74      | 5.84 | 16.3          |      |

# COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

WC-11MSD

Lab Name: Alliance

Contract: WALS01

Lab Code: ACE

SDG NO.: Q2487

Lab Sample ID: Q2493-01MSD

Date(s) Analyzed: 07/07/2025

07/07/2025

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 | 14.7          | 3.3  |
|                     | 2   | 5.93 | 5.88      | 5.98 | 15.2          |      |
| 4,4'-DDT            | 1   | 7.03 | 6.98      | 7.08 | 14.5          | 10.5 |
|                     | 2   | 6.18 | 6.13      | 6.23 | 16.1          |      |
| alpha-BHC           | 1   | 4.01 | 3.96      | 4.06 | 17.0          | 6.8  |
|                     | 2   | 3.39 | 3.34      | 3.44 | 18.2          |      |
| Aldrin              | 1   | 5.28 | 5.23      | 5.33 | 16.3          | 10.5 |
|                     | 2   | 4.37 | 4.32      | 4.42 | 18.1          |      |
| beta-BHC            | 1   | 4.52 | 4.47      | 4.57 | 16.3          | 13.2 |
|                     | 2   | 4.02 | 3.97      | 4.07 | 18.6          |      |
| alpha-Chlordane     | 1   | 6.04 | 5.99      | 6.09 | 15.6          | 12.6 |
|                     | 2   | 5.19 | 5.14      | 5.24 | 17.7          |      |
| 4,4'-DDE            | 1   | 6.20 | 6.15      | 6.25 | 15.2          | 12.3 |
|                     | 2   | 5.38 | 5.33      | 5.43 | 17.2          |      |
| Endosulfan II       | 1   | 6.79 | 6.74      | 6.84 | 13.9          | 13.4 |
|                     | 2   | 6.08 | 6.03      | 6.13 | 15.9          |      |
| Endrin aldehyde     | 1   | 6.92 | 6.87      | 6.97 | 14.8          | 7.2  |
|                     | 2   | 6.26 | 6.21      | 6.31 | 15.9          |      |
| Endosulfan sulfate  | 1   | 7.16 | 7.11      | 7.21 | 13.9          | 10.2 |
|                     | 2   | 6.48 | 6.43      | 6.53 | 15.4          |      |
| Methoxychlor        | 1   | 7.50 | 7.45      | 7.55 | 13.0          | 8.1  |
|                     | 2   | 6.75 | 6.70      | 6.80 | 14.1          |      |
| Endrin ketone       | 1   | 7.64 | 7.59      | 7.69 | 13.8          | 2.2  |
|                     | 2   | 6.99 | 6.94      | 7.04 | 14.1          |      |
| gamma-BHC (Lindane) | 1   | 4.34 | 4.29      | 4.39 | 17.0          | 7.9  |
|                     | 2   | 3.73 | 3.68      | 3.78 | 18.4          |      |
| Heptachlor          | 1   | 4.94 | 4.89      | 4.99 | 17.1          | 4    |
|                     | 2   | 4.08 | 4.03      | 4.13 | 17.8          |      |

**COMPOUND DETECTION SUMMARY**

CLIENT SAMPLE NO.

WC-11MSD

Lab Name: Alliance

Contract: WALS01

Lab Code: ACE

SDG NO.: Q2487

Lab Sample ID: Q2493-01MSD

Date(s) Analyzed: 07/07/2025 07/07/2025

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   |               |      |
| delta-BHC          | 1   | 4.77 | 4.72      | 4.82 | 17.7          | 2.2  |
|                    | 2   | 4.26 | 4.21      | 4.31 | 18.1          |      |
| Heptachlor epoxide | 1   | 5.70 | 5.65      | 5.75 | 15.4          | 17.8 |
|                    | 2   | 4.87 | 4.82      | 4.92 | 18.4          |      |
| Endosulfan I       | 1   | 6.08 | 6.03      | 6.13 | 15.6          | 11.5 |
|                    | 2   | 5.25 | 5.20      | 5.30 | 17.5          |      |
| gamma-Chlordane    | 1   | 5.95 | 5.90      | 6.00 | 15.4          | 15   |
|                    | 2   | 5.13 | 5.08      | 5.18 | 17.9          |      |
| Dieldrin           | 1   | 6.35 | 6.30      | 6.40 | 15.2          | 11.8 |
|                    | 2   | 5.51 | 5.46      | 5.56 | 17.1          |      |
| Endrin             | 1   | 6.58 | 6.53      | 6.63 | 15.0          | 11.9 |
|                    | 2   | 5.79 | 5.74      | 5.84 | 16.9          |      |



# QC SAMPLE DATA

## Report of Analysis

|                    |                                            |                    |                    |
|--------------------|--------------------------------------------|--------------------|--------------------|
| Client:            | Walsh Construction Company II, LLC         | Date Collected:    |                    |
| Project:           | Construction of Shafts 17B-18B - PN 220084 | Date Received:     |                    |
| Client Sample ID:  | PB168725BL                                 | SDG No.:           | Q2487              |
| Lab Sample ID:     | PB168725BL                                 | 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 |
| PD089333.D        | 1         | 07/03/25 10:01 | 07/03/25 14:54 | PB168725      |

| 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   | 19.3  |           | 20 - 144 | 97%        | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 20.8  |           | 19 - 148 | 104%       | SPK: 20           |

## Report of Analysis

|                    |                                            |                    |                    |
|--------------------|--------------------------------------------|--------------------|--------------------|
| Client:            | Walsh Construction Company II, LLC         | Date Collected:    |                    |
| Project:           | Construction of Shafts 17B-18B - PN 220084 | Date Received:     |                    |
| Client Sample ID:  | PB168725BL                                 | SDG No.:           | Q2487              |
| Lab Sample ID:     | PB168725BL                                 | 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 |
| PD089333.D        | 1         | 07/03/25 10:01 | 07/03/25 14:54 | PB168725      |

| 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\PD070425\  
Data File : PD089333.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Jul 2025 14:54  
Operator : AR\AJ  
Sample : PB168725BL  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PB168725BL

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 04 02:18:27 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 | 52447557 | 353.0E6 | 18.382 | 20.821 |
| 28)                         | SA Decachlor... | 9.074 | 8.072 | 73897431 | 381.8E6 | 18.815 | 19.310 |

Target Compounds

-----

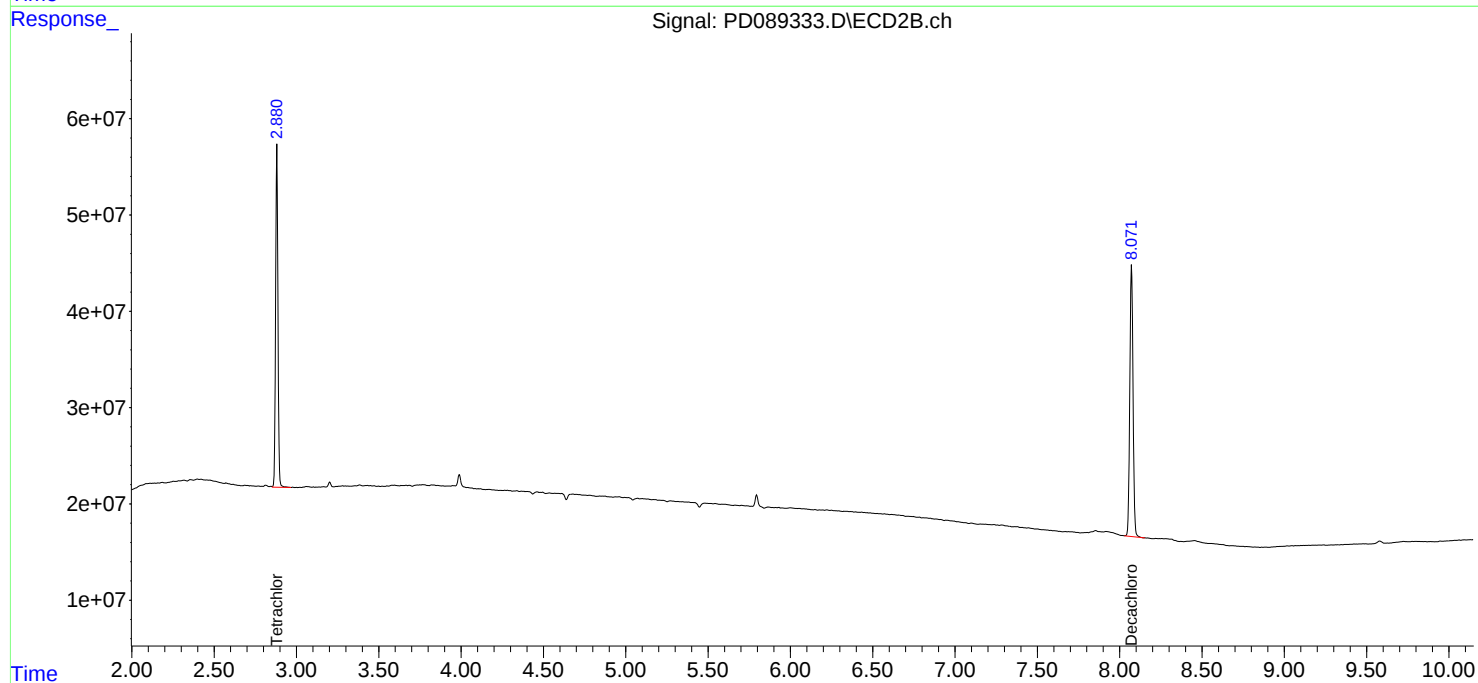
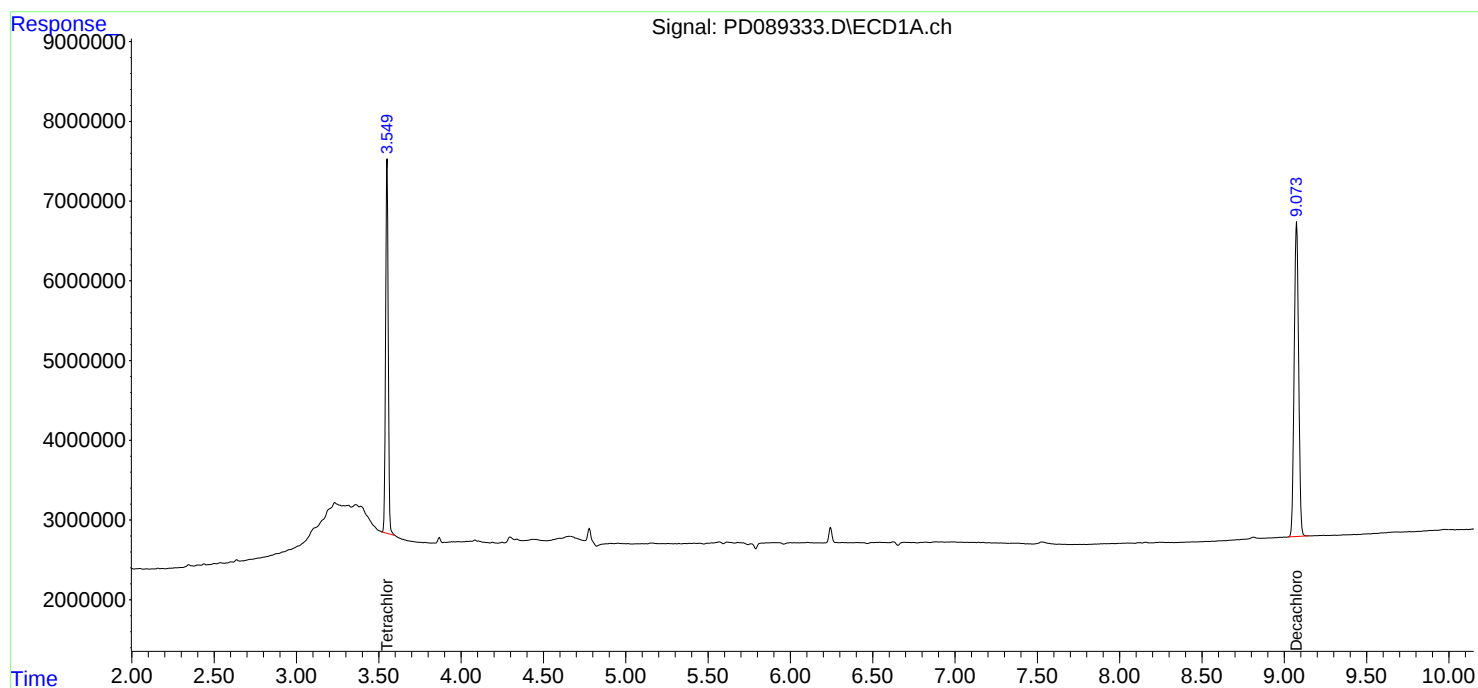
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

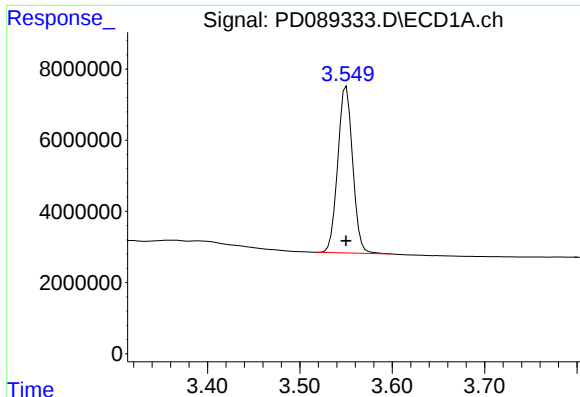
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070425\  
Data File : PD089333.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Jul 2025 14:54  
Operator : AR\AJ  
Sample : PB168725BL  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PB168725BL

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 04 02:18:27 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

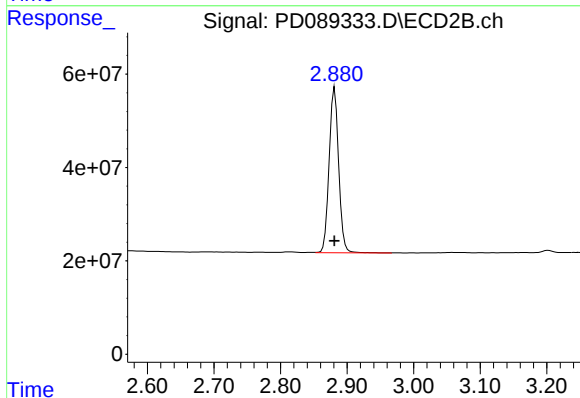




## #1 Tetrachloro-m-xylene

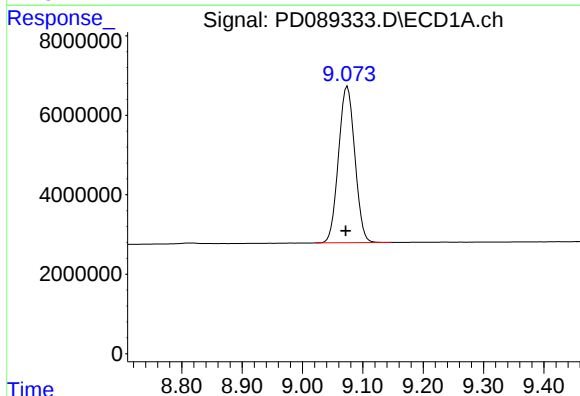
R.T.: 3.550 min  
Delta R.T.: 0.000 min  
Response: 52447557  
Conc: 18.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168725BL



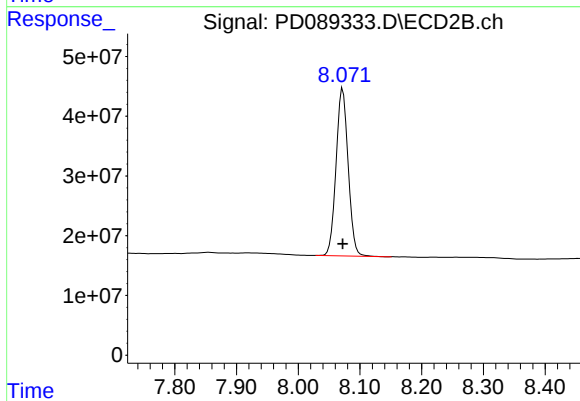
## #1 Tetrachloro-m-xylene

R.T.: 2.881 min  
Delta R.T.: 0.000 min  
Response: 352981295  
Conc: 20.82 ng/ml



## #28 Decachlorobiphenyl

R.T.: 9.074 min  
Delta R.T.: 0.002 min  
Response: 73897431  
Conc: 18.81 ng/ml



## #28 Decachlorobiphenyl

R.T.: 8.072 min  
Delta R.T.: 0.000 min  
Response: 381760267  
Conc: 19.31 ng/ml

## Report of Analysis

|                    |                                            |                    |                  |
|--------------------|--------------------------------------------|--------------------|------------------|
| Client:            | Walsh Construction Company II, LLC         | Date Collected:    | 06/17/25         |
| Project:           | Construction of Shafts 17B-18B - PN 220084 | Date Received:     | 06/17/25         |
| Client Sample ID:  | PIBLK-PD088990.D                           | SDG No.:           | Q2487            |
| 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:            | Walsh Construction Company II, LLC         |           | Date Collected:    | 06/17/25      |           |
| Project:           | Construction of Shafts 17B-18B - PN 220084 |           | Date Received:     | 06/17/25      |           |
| Client Sample ID:  | PIBLK-PD088990.D                           |           | SDG No.:           | Q2487         |           |
| 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 |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

### 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

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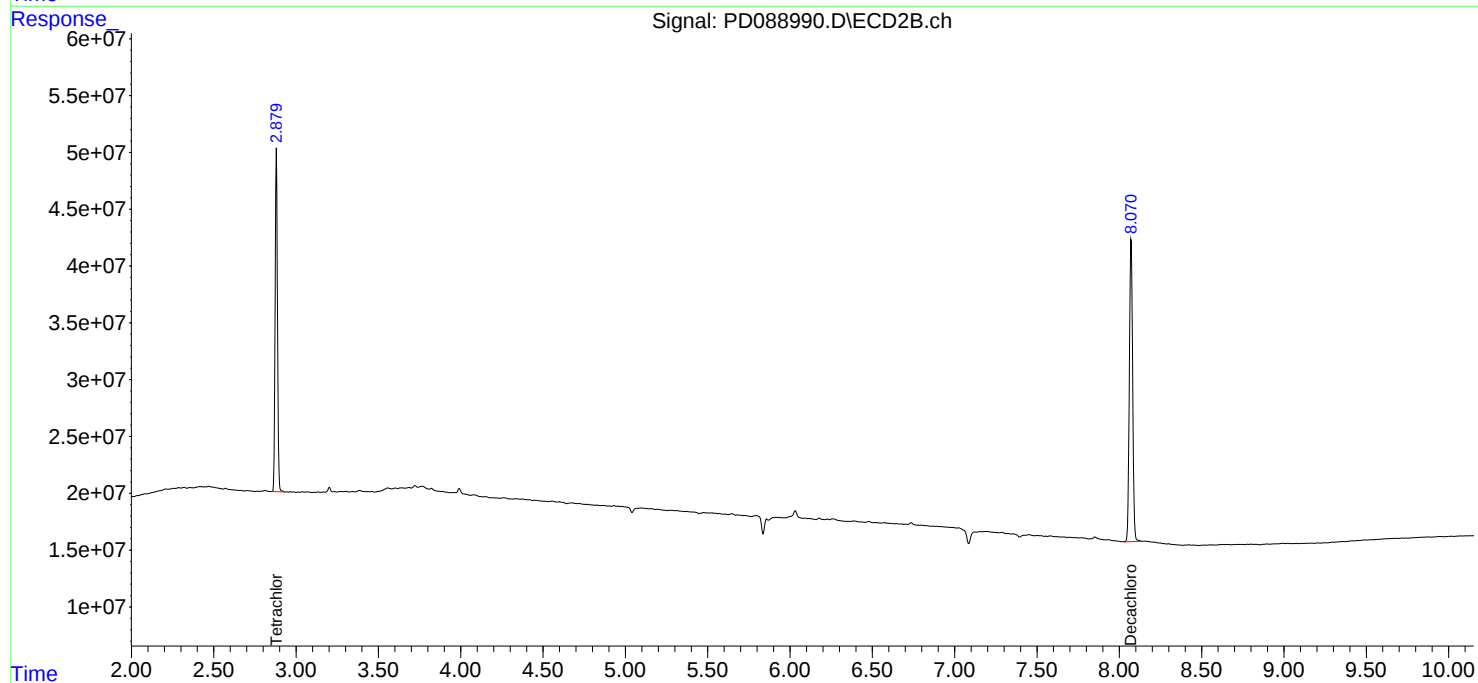
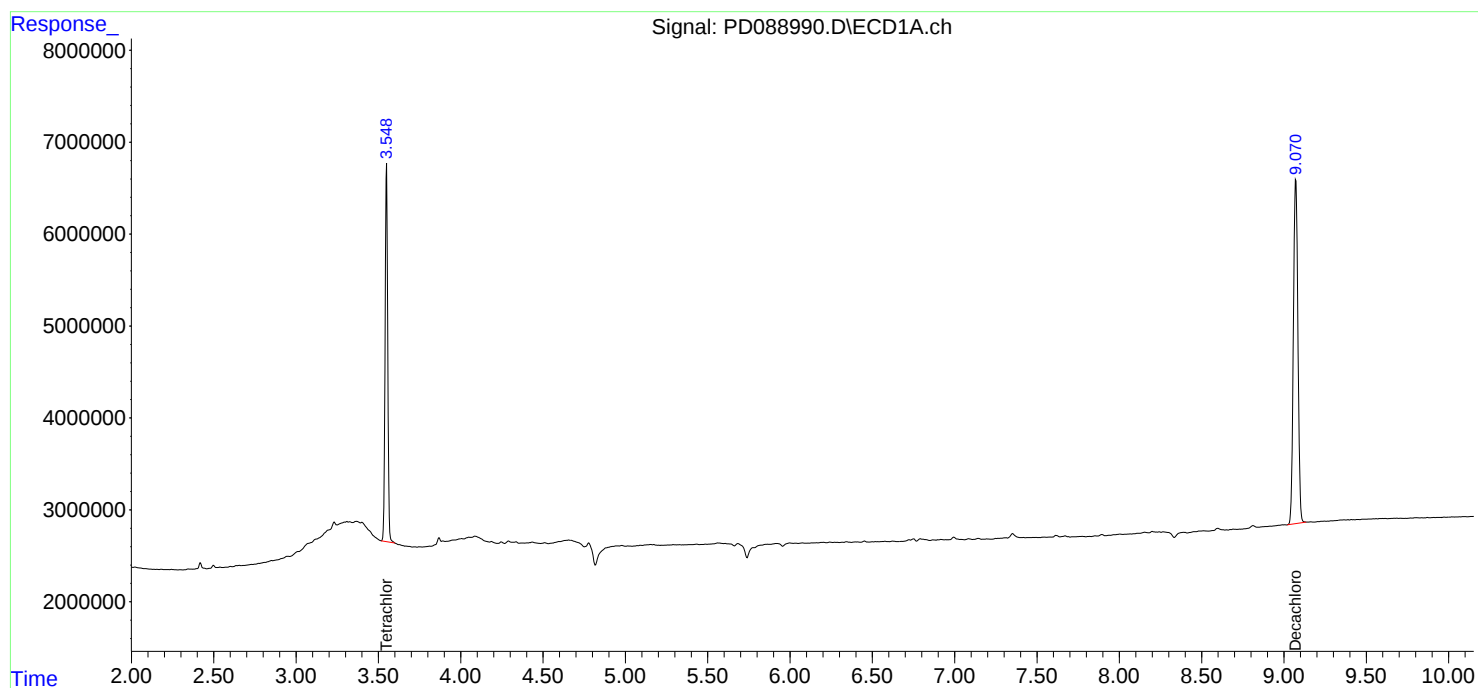
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

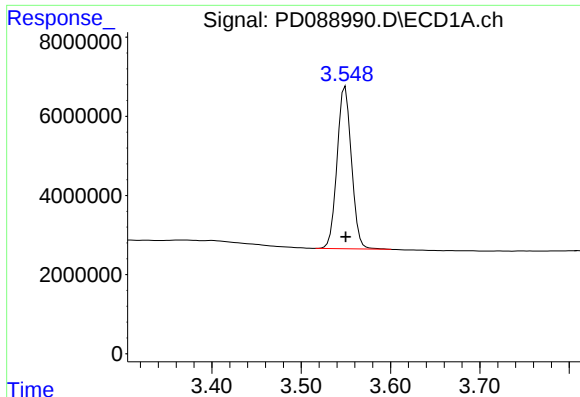
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061825\  
Data File : PD088990.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Jun 2025 15:11  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

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

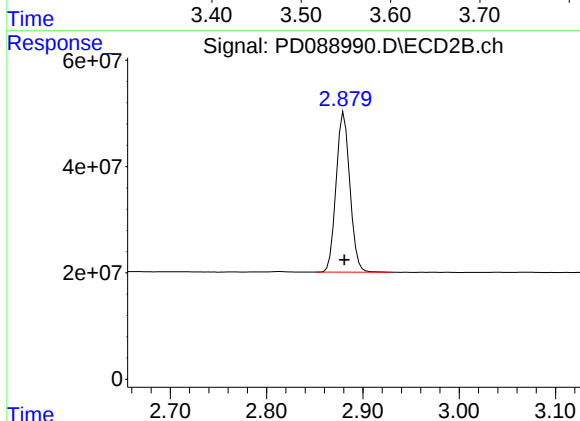




#1 Tetrachloro-m-xylene

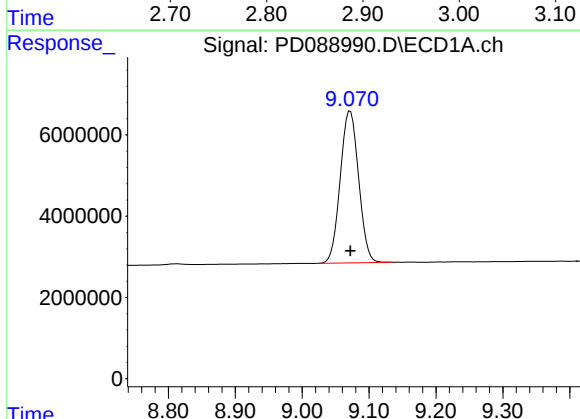
R.T.: 3.549 min  
Delta R.T.: 0.000 min  
Response: 45828945  
Conc: 16.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



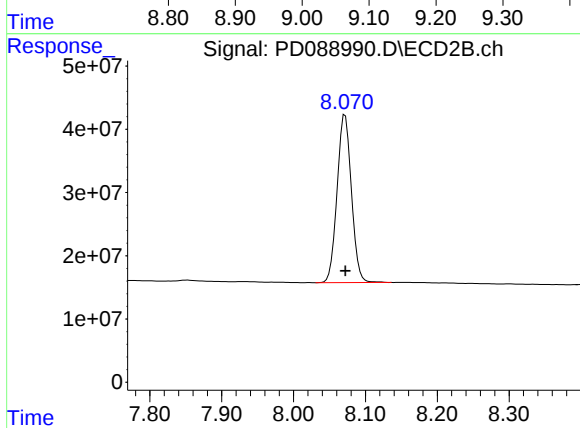
#1 Tetrachloro-m-xylene

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

## Report of Analysis

|                    |                                            |           |                    |               |           |
|--------------------|--------------------------------------------|-----------|--------------------|---------------|-----------|
| Client:            | Walsh Construction Company II, LLC         |           | Date Collected:    | 07/03/25      |           |
| Project:           | Construction of Shafts 17B-18B - PN 220084 |           | Date Received:     | 07/03/25      |           |
| Client Sample ID:  | PIBLK-PD089326.D                           |           | SDG No.:           | Q2487         |           |
| Lab Sample ID:     | I.BLK-PD089326.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 |
| PD089326.D        | 1         |           | 07/03/25      | pd070425      |

| 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   | 19.1   |           | 57 - 171 | 96%        | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 21.9   |           | 61 - 148 | 109%       | SPK: 20 |

## Report of Analysis

|                    |                                            |           |                    |               |           |
|--------------------|--------------------------------------------|-----------|--------------------|---------------|-----------|
| Client:            | Walsh Construction Company II, LLC         |           | Date Collected:    | 07/03/25      |           |
| Project:           | Construction of Shafts 17B-18B - PN 220084 |           | Date Received:     | 07/03/25      |           |
| Client Sample ID:  | PIBLK-PD089326.D                           |           | SDG No.:           | Q2487         |           |
| Lab Sample ID:     | I.BLK-PD089326.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 |
| PD089326.D        | 1         |           | 07/03/25      | pd070425      |

| 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\PD070425\  
 Data File : PD089326.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Jul 2025 09:19  
 Operator : AR\AJ  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 I.BLK

**Manual Integrations**  
**APPROVED**

Reviewed By :Abdul Mirza 07/07/2025  
 Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 04 02:16:37 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 | 2.879 | 55547175 | 371.1E6 | 19.469 | 21.890m |
| 28) SA Decachlor...         | 9.076 | 8.071 | 75117817 | 355.5E6 | 19.125 | 17.980  |

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070425\  
Data File : PD089326.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Jul 2025 09:19  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

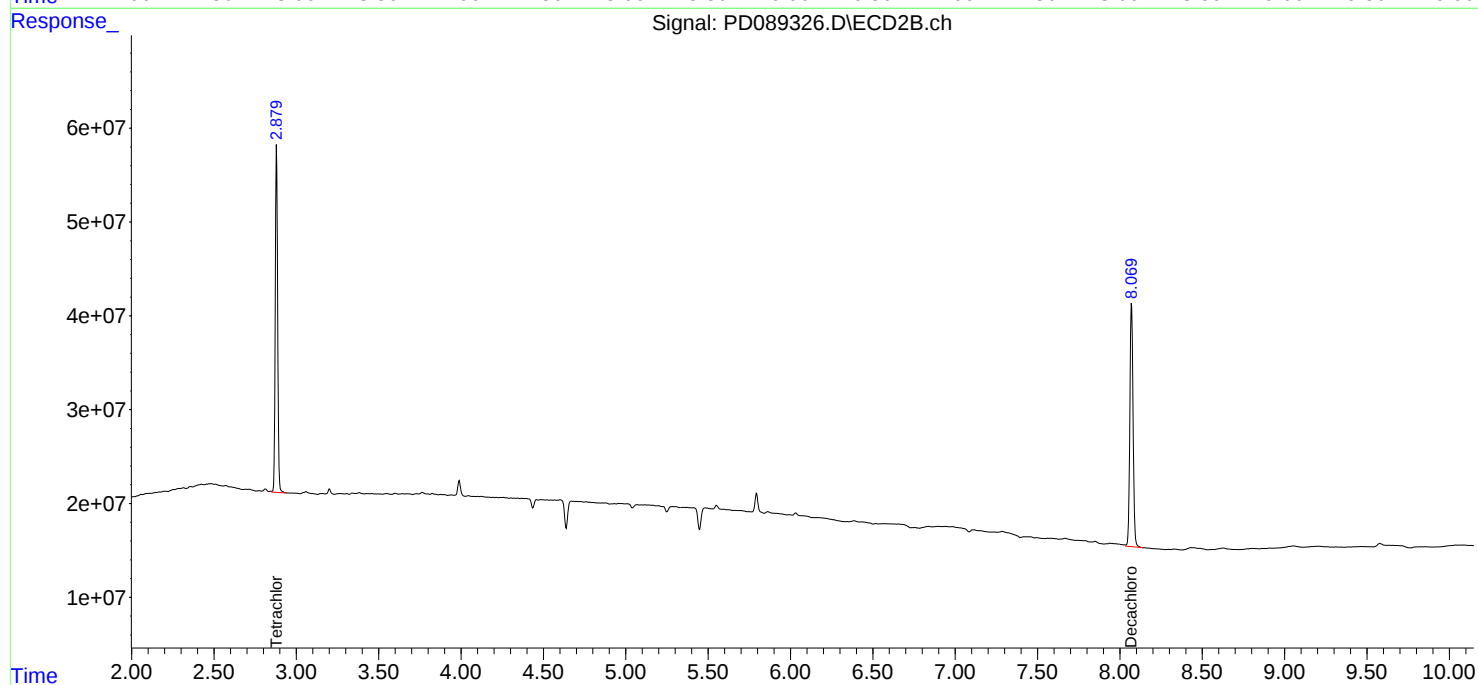
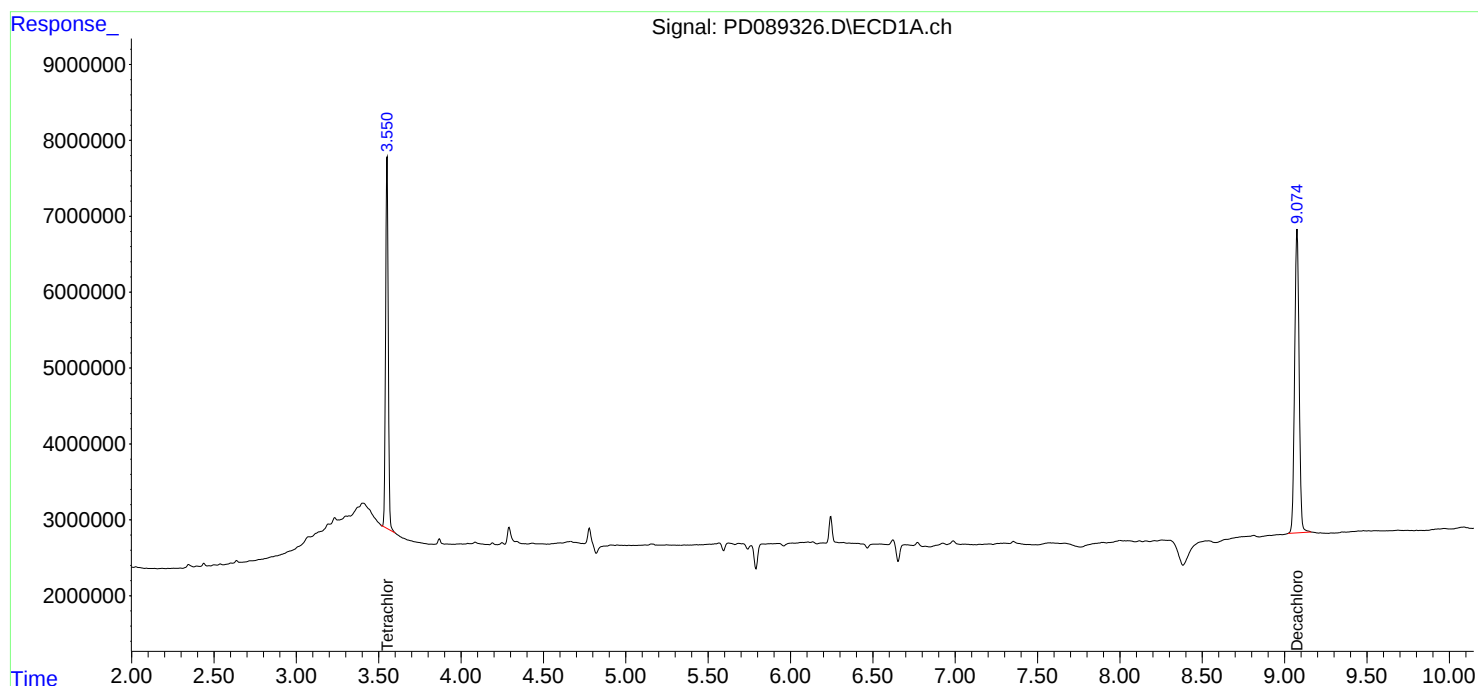
Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK

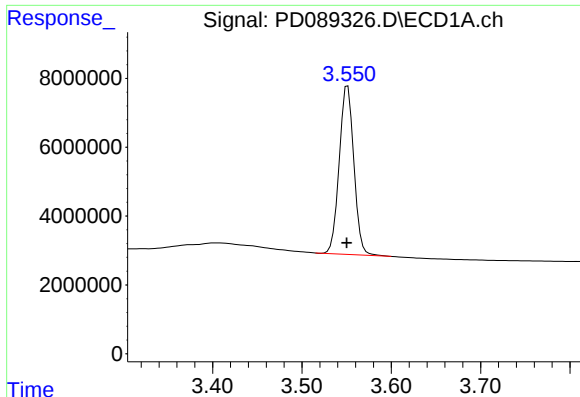
Manual Integrations  
APPROVED

Reviewed By : Abdul Mirza 07/07/2025  
Supervised By : mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 04 02:16:37 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





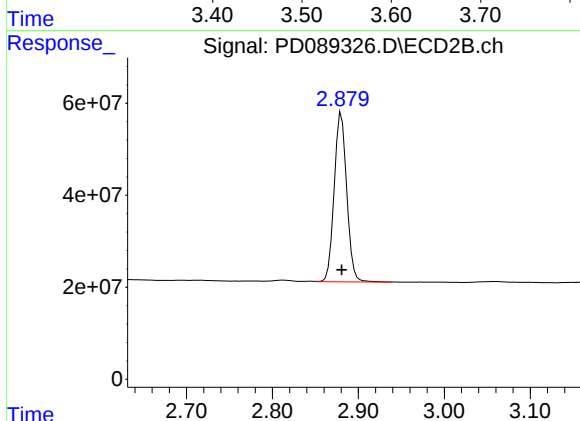
## #1 Tetrachloro-m-xylene

R.T.: 3.551 min  
Delta R.T.: 0.001 min  
Response: 55547175  
Conc: 19.47 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK

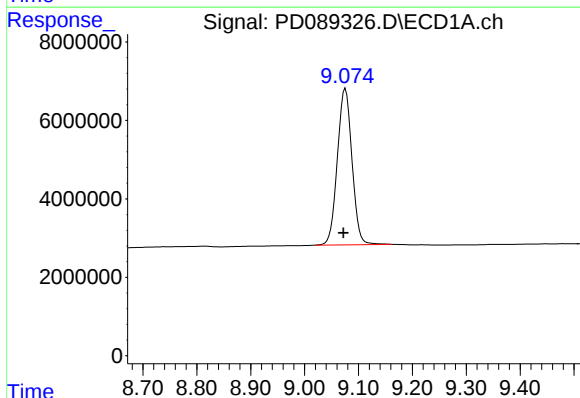
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 07/07/2025  
Supervised By :mohammad ahmed 07/09/2025



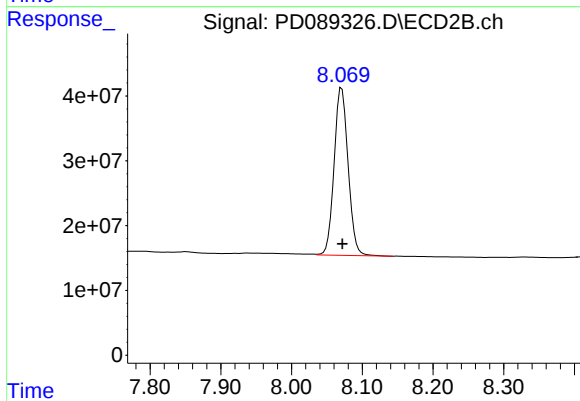
## #1 Tetrachloro-m-xylene

R.T.: 2.879 min  
Delta R.T.: -0.002 min  
Response: 371105420  
Conc: 21.89 ng/ml m



## #28 Decachlorobiphenyl

R.T.: 9.076 min  
Delta R.T.: 0.004 min  
Response: 75117817  
Conc: 19.13 ng/ml



## #28 Decachlorobiphenyl

R.T.: 8.071 min  
Delta R.T.: -0.001 min  
Response: 355472700  
Conc: 17.98 ng/ml

## Report of Analysis

|                    |                                            |        |      |                    |               |           |
|--------------------|--------------------------------------------|--------|------|--------------------|---------------|-----------|
| Client:            | Walsh Construction Company II, LLC         |        |      | Date Collected:    | 07/03/25      |           |
| Project:           | Construction of Shafts 17B-18B - PN 220084 |        |      | Date Received:     | 07/03/25      |           |
| Client Sample ID:  | PIBLK-PD089337.D                           |        |      | SDG No.:           | Q2487         |           |
| Lab Sample ID:     | I.BLK-PD089337.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 |
|-------------------|-----------|-----------|---------------|---------------|
| PD089337.D        | 1         |           | 07/03/25      | pd070425      |

| 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   | 19.1   |           | 57 - 171 | 95%        | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 22.4   |           | 61 - 148 | 112%       | SPK: 20 |

## Report of Analysis

|                    |                                            |                    |               |
|--------------------|--------------------------------------------|--------------------|---------------|
| Client:            | Walsh Construction Company II, LLC         | Date Collected:    | 07/03/25      |
| Project:           | Construction of Shafts 17B-18B - PN 220084 | Date Received:     | 07/03/25      |
| Client Sample ID:  | PIBLK-PD089337.D                           | SDG No.:           | Q2487         |
| Lab Sample ID:     | I.BLK-PD089337.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 |
| PD089337.D        | 1         |           | 07/03/25      | pd070425      |

| 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\PD070425\  
 Data File : PD089337.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Jul 2025 15:48  
 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: Jul 04 02:19:28 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 | 56361551 | 379.8E6 | 19.754 | 22.405 |
| 28)                         | SA Decachlor... | 9.075 | 8.072 | 74529740 | 377.3E6 | 18.976 | 19.086 |

Target Compounds

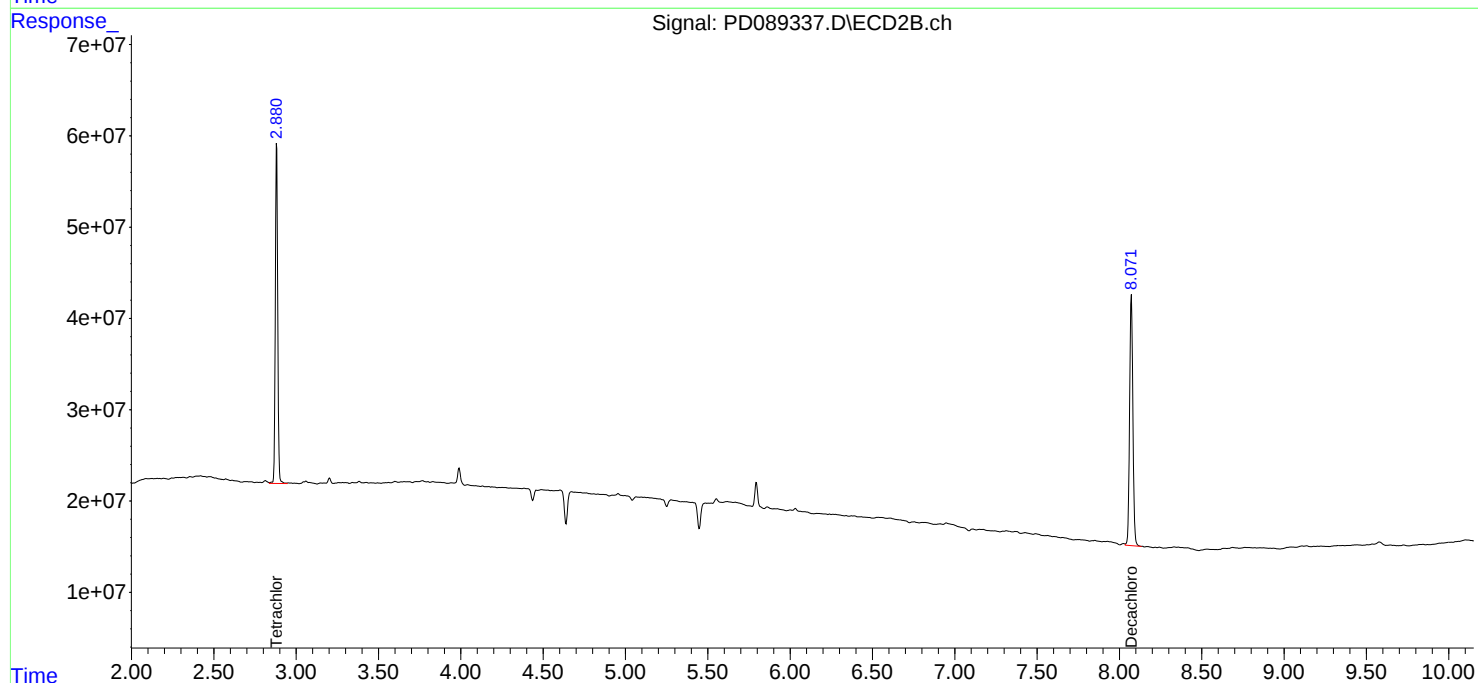
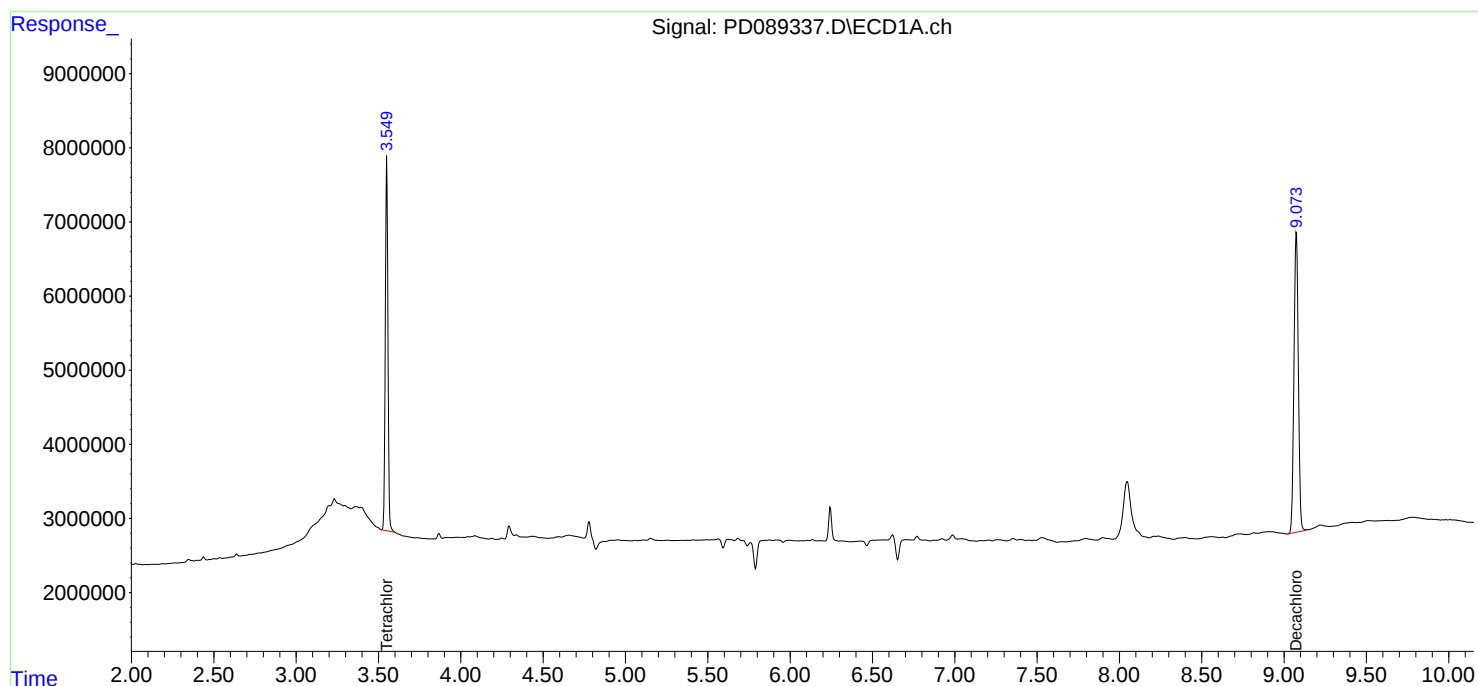
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

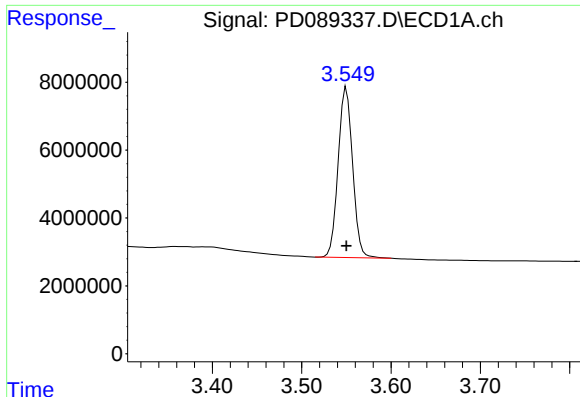
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070425\  
Data File : PD089337.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Jul 2025 15:48  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 04 02:19:28 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

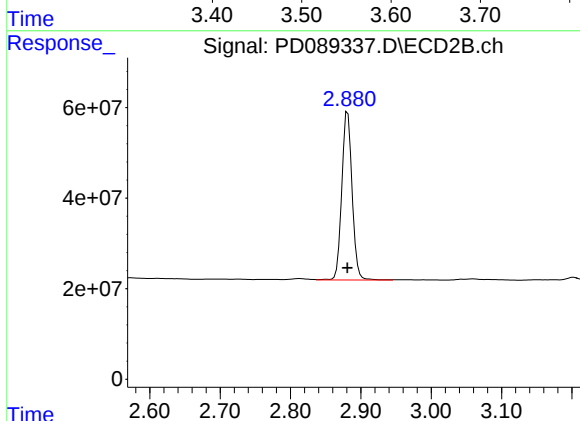




## #1 Tetrachloro-m-xylene

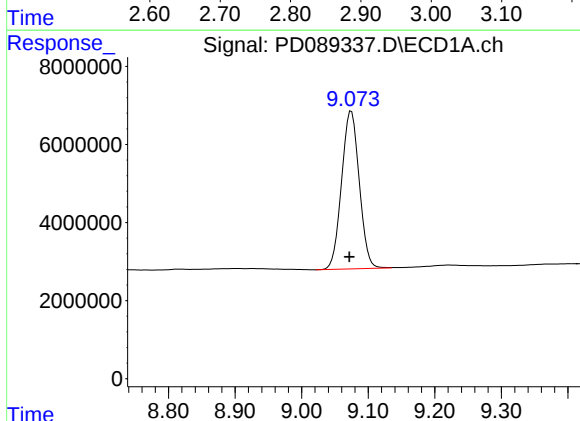
R.T.: 3.550 min  
Delta R.T.: 0.000 min  
Response: 56361551  
Conc: 19.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



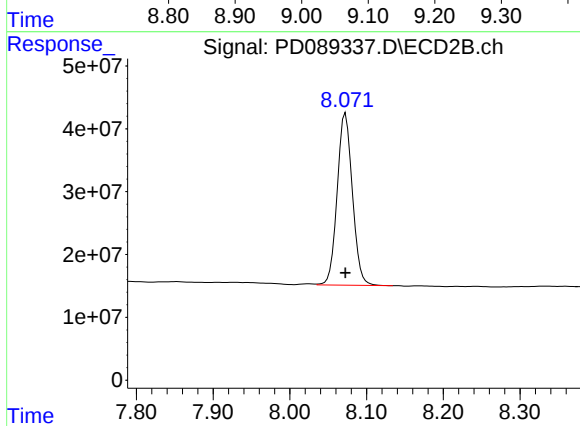
## #1 Tetrachloro-m-xylene

R.T.: 2.881 min  
Delta R.T.: 0.000 min  
Response: 379829840  
Conc: 22.40 ng/ml



## #28 Decachlorobiphenyl

R.T.: 9.075 min  
Delta R.T.: 0.003 min  
Response: 74529740  
Conc: 18.98 ng/ml



## #28 Decachlorobiphenyl

R.T.: 8.072 min  
Delta R.T.: 0.000 min  
Response: 377326236  
Conc: 19.09 ng/ml

## Report of Analysis

|                    |                                            |           |                    |               |           |
|--------------------|--------------------------------------------|-----------|--------------------|---------------|-----------|
| Client:            | Walsh Construction Company II, LLC         |           | Date Collected:    | 07/07/25      |           |
| Project:           | Construction of Shafts 17B-18B - PN 220084 |           | Date Received:     | 07/07/25      |           |
| Client Sample ID:  | PIBLK-PD089340.D                           |           | SDG No.:           | Q2487         |           |
| Lab Sample ID:     | I.BLK-PD089340.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 |
| PD089340.D        | 1         |           | 07/07/25      | Pd070725      |

| 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 | 21.2   |           | 61 - 148 | 106%       | SPK: 20 |

## Report of Analysis

|                    |                                            |           |                    |               |           |
|--------------------|--------------------------------------------|-----------|--------------------|---------------|-----------|
| Client:            | Walsh Construction Company II, LLC         |           | Date Collected:    | 07/07/25      |           |
| Project:           | Construction of Shafts 17B-18B - PN 220084 |           | Date Received:     | 07/07/25      |           |
| Client Sample ID:  | PIBLK-PD089340.D                           |           | SDG No.:           | Q2487         |           |
| Lab Sample ID:     | I.BLK-PD089340.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 |
| PD089340.D        | 1         |           | 07/07/25      | Pd070725      |

| 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\PD070725\  
Data File : PD089340.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Jul 2025 11:34  
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: Jul 07 13:21:11 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 | 2.880 | 53321906 | 358.7E6 | 18.689 | 21.161 |
| 28)                         | SA Decachlor... | 9.068 | 8.070 | 78459667 | 395.1E6 | 19.976 | 19.987 |

Target Compounds

-----

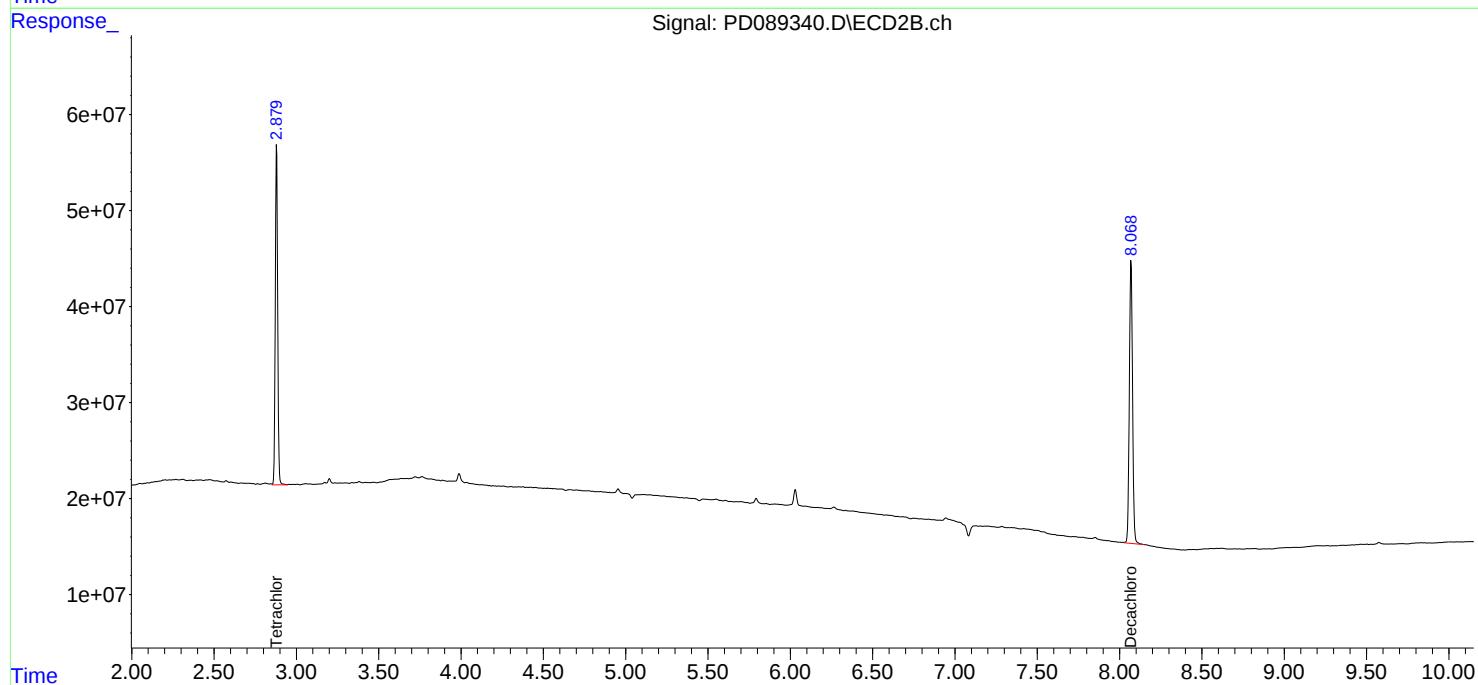
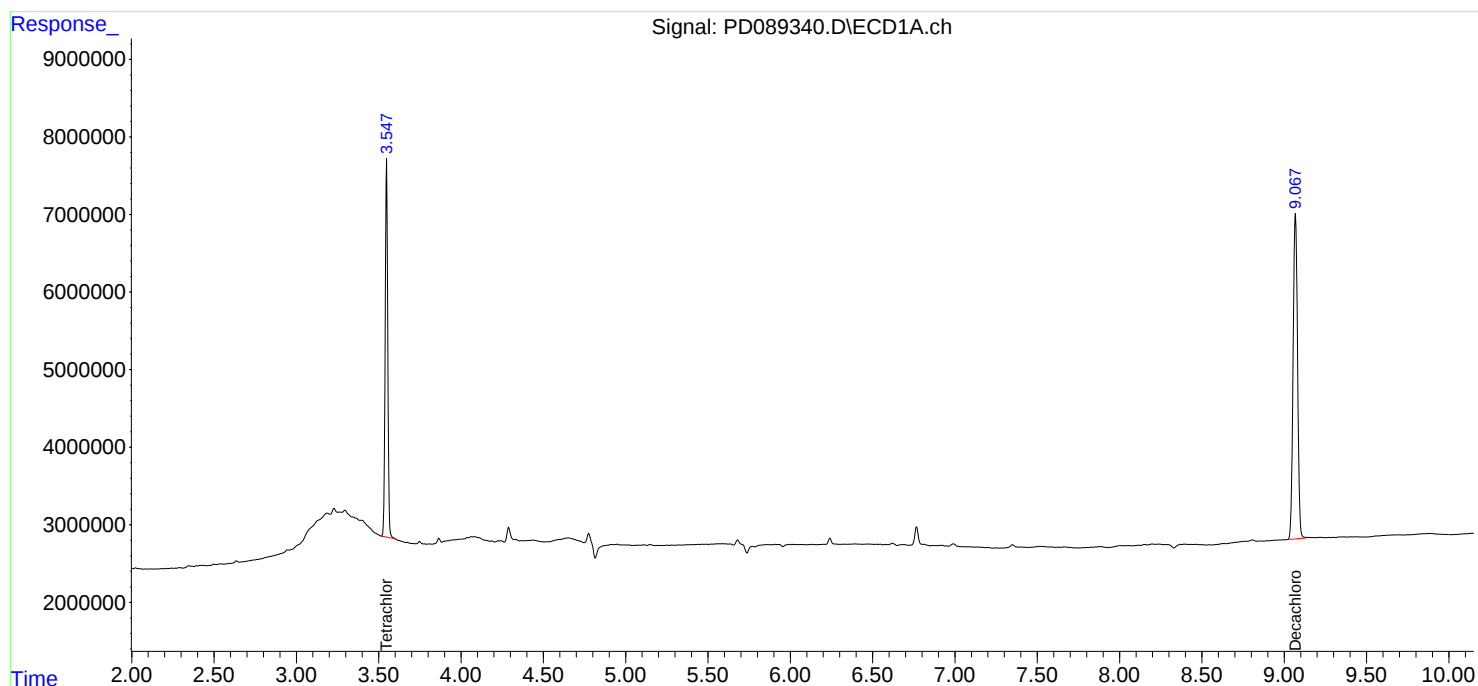
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

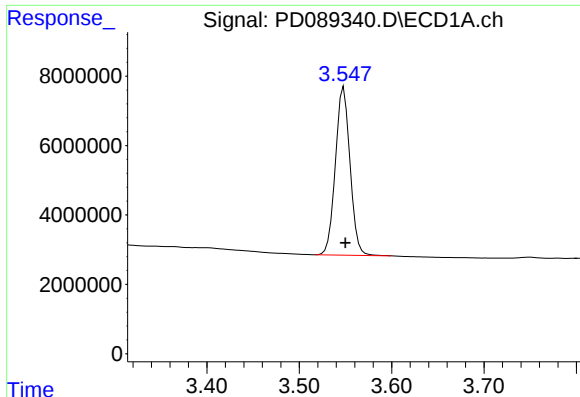
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070725\  
Data File : PD089340.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Jul 2025 11:34  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 07 13:21:11 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

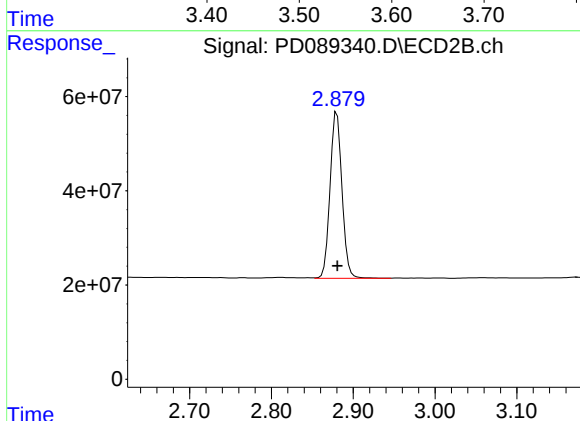




## #1 Tetrachloro-m-xylene

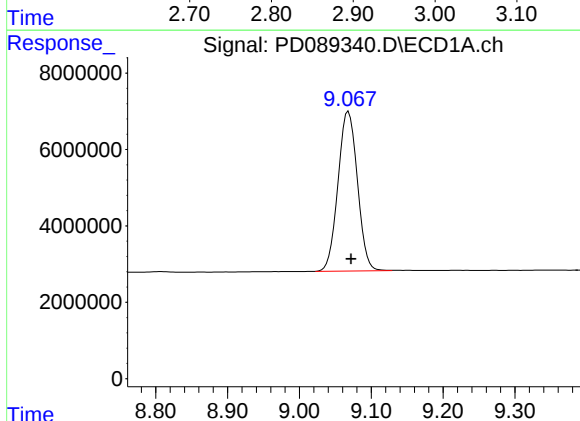
R.T.: 3.548 min  
Delta R.T.: -0.002 min  
Response: 53321906  
Conc: 18.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



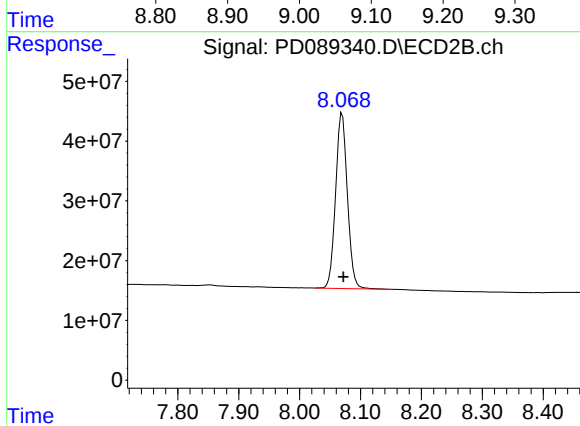
## #1 Tetrachloro-m-xylene

R.T.: 2.880 min  
Delta R.T.: 0.000 min  
Response: 358742513  
Conc: 21.16 ng/ml



## #28 Decachlorobiphenyl

R.T.: 9.068 min  
Delta R.T.: -0.004 min  
Response: 78459667  
Conc: 19.98 ng/ml



## #28 Decachlorobiphenyl

R.T.: 8.070 min  
Delta R.T.: -0.002 min  
Response: 395139443  
Conc: 19.99 ng/ml

## Report of Analysis

|                    |                                            |        |      |                    |               |           |
|--------------------|--------------------------------------------|--------|------|--------------------|---------------|-----------|
| Client:            | Walsh Construction Company II, LLC         |        |      | Date Collected:    | 07/07/25      |           |
| Project:           | Construction of Shafts 17B-18B - PN 220084 |        |      | Date Received:     | 07/07/25      |           |
| Client Sample ID:  | PIBLK-PD089356.D                           |        |      | SDG No.:           | Q2487         |           |
| Lab Sample ID:     | I.BLK-PD089356.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 |
|-------------------|-----------|-----------|---------------|---------------|
| PD089356.D        | 1         |           | 07/07/25      | pd070725      |

| 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   | 17.9   |           | 57 - 171 | 89%        | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 22.2   |           | 61 - 148 | 111%       | SPK: 20 |

## Report of Analysis

|                    |                                            |                    |               |
|--------------------|--------------------------------------------|--------------------|---------------|
| Client:            | Walsh Construction Company II, LLC         | Date Collected:    | 07/07/25      |
| Project:           | Construction of Shafts 17B-18B - PN 220084 | Date Received:     | 07/07/25      |
| Client Sample ID:  | PIBLK-PD089356.D                           | SDG No.:           | Q2487         |
| Lab Sample ID:     | I.BLK-PD089356.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 |
| PD089356.D        | 1         |           | 07/07/25      | pd070725      |

| 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\PD070725\  
 Data File : PD089356.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Jul 2025 16:13  
 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: Jul 08 02:25:38 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 | 54221019 | 376.7E6 | 19.004 | 22.223 |
| 28)                         | SA Decachlor... | 9.071 | 8.070 | 70233156 | 324.7E6 | 17.882 | 16.425 |

Target Compounds

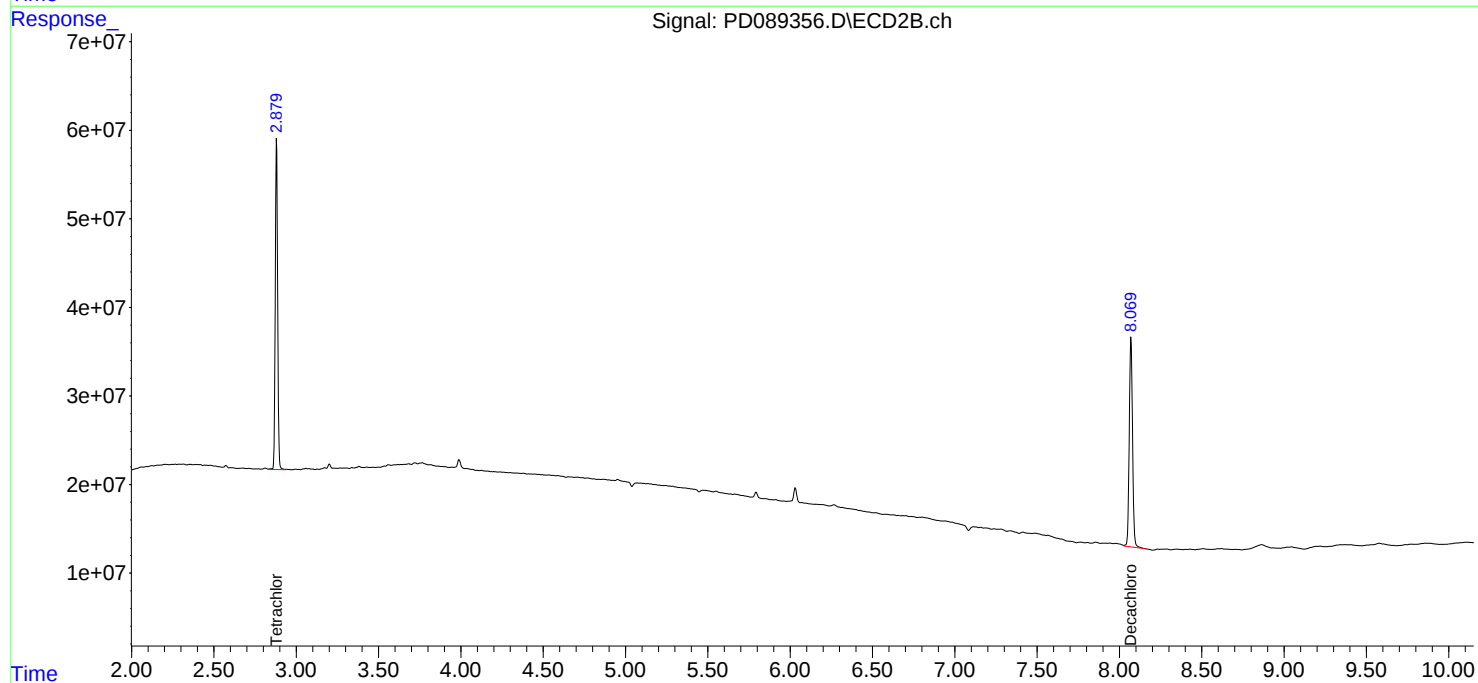
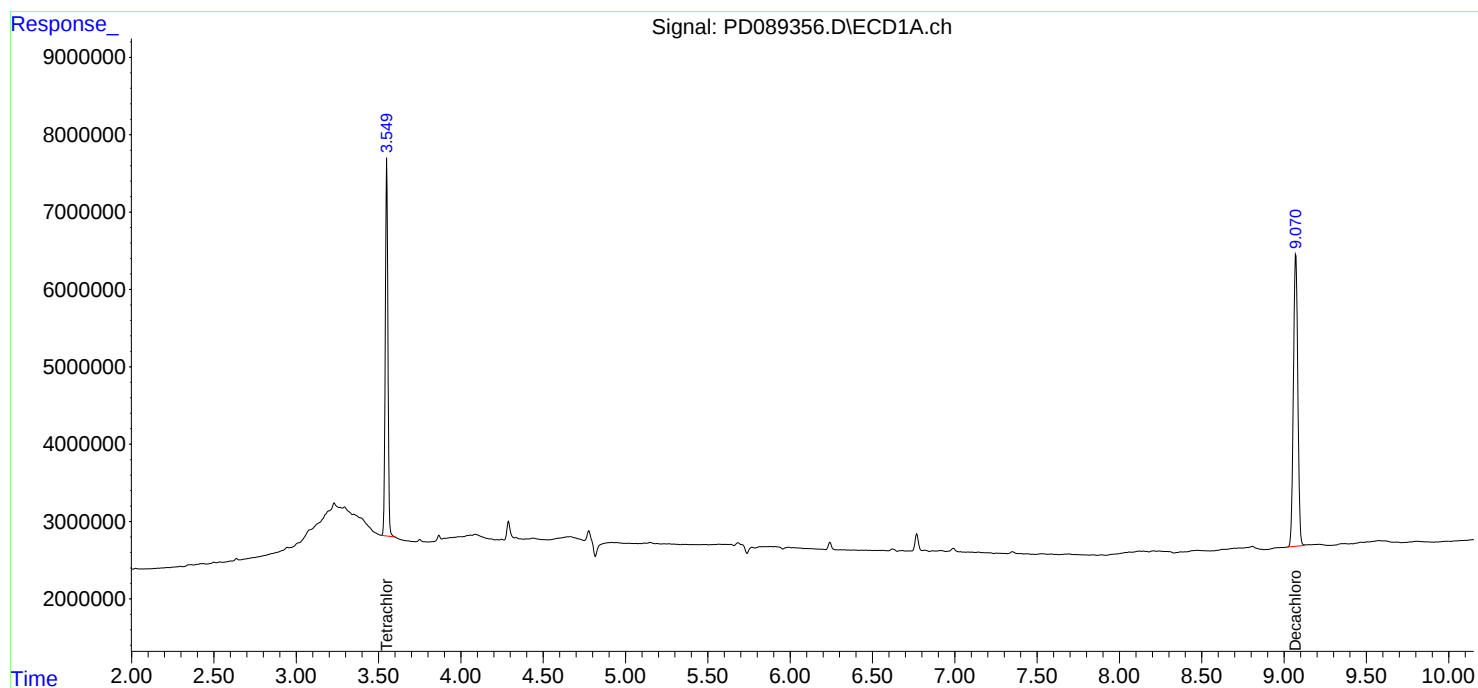
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

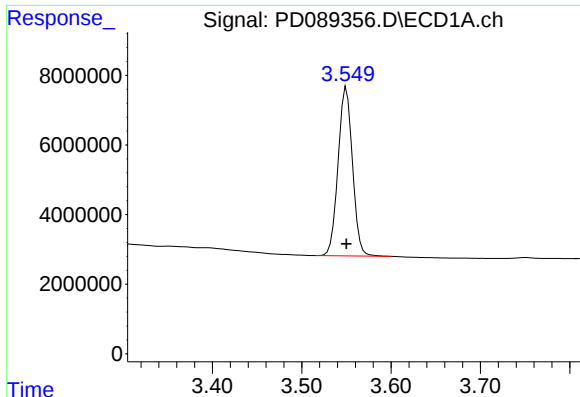
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070725\  
Data File : PD089356.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Jul 2025 16:13  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 08 02:25:38 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

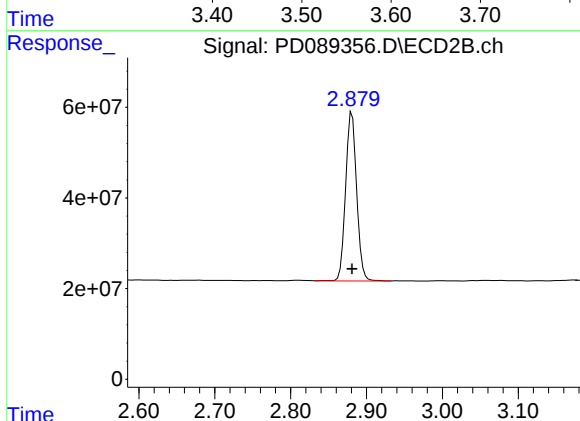




## #1 Tetrachloro-m-xylene

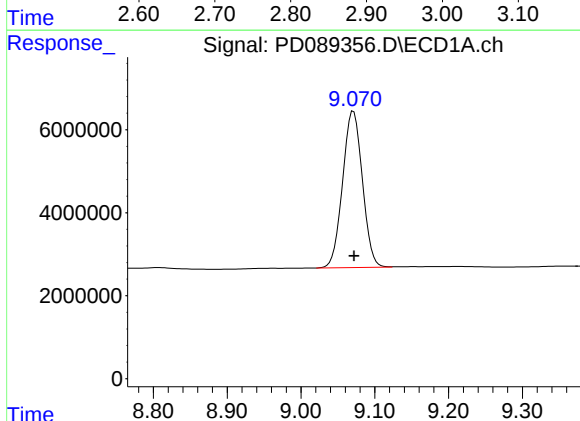
R.T.: 3.550 min  
Delta R.T.: 0.000 min  
Response: 54221019  
Conc: 19.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



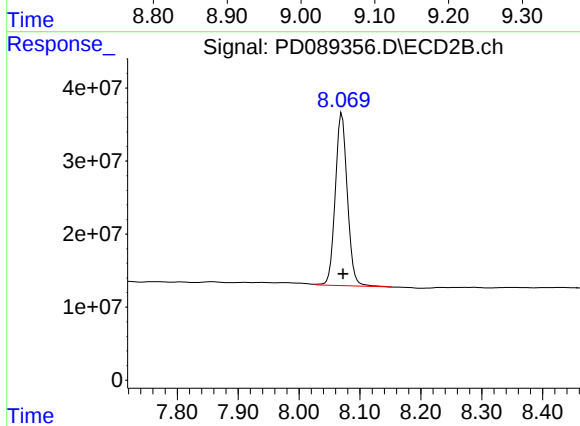
## #1 Tetrachloro-m-xylene

R.T.: 2.881 min  
Delta R.T.: 0.000 min  
Response: 376744587  
Conc: 22.22 ng/ml



## #28 Decachlorobiphenyl

R.T.: 9.071 min  
Delta R.T.: 0.000 min  
Response: 70233156  
Conc: 17.88 ng/ml



## #28 Decachlorobiphenyl

R.T.: 8.070 min  
Delta R.T.: -0.002 min  
Response: 324728017  
Conc: 16.43 ng/ml

## Report of Analysis

|                    |                                            |                    |                    |
|--------------------|--------------------------------------------|--------------------|--------------------|
| Client:            | Walsh Construction Company II, LLC         | Date Collected:    |                    |
| Project:           | Construction of Shafts 17B-18B - PN 220084 | Date Received:     |                    |
| Client Sample ID:  | PB168725BS                                 | SDG No.:           | Q2487              |
| Lab Sample ID:     | PB168725BS                                 | Matrix:            | SOIL               |
| Analytical Method: | 8081B                                      | % Solid:           | 100      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 |
| PD089334.D        | 1         | 07/03/25 10:01 | 07/03/25 15:07 | PB168725      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 319-84-6          | alpha-BHC            | 18.5  |           | 0.13     | 1.70       | ug/kg             |
| 319-85-7          | beta-BHC             | 17.9  |           | 0.18     | 1.70       | ug/kg             |
| 319-86-8          | delta-BHC            | 19.0  |           | 0.39     | 1.70       | ug/kg             |
| 58-89-9           | gamma-BHC (Lindane)  | 18.1  |           | 0.14     | 1.70       | ug/kg             |
| 76-44-8           | Heptachlor           | 17.4  |           | 0.12     | 1.70       | ug/kg             |
| 309-00-2          | Aldrin               | 18.4  |           | 0.12     | 1.70       | ug/kg             |
| 1024-57-3         | Heptachlor epoxide   | 18.3  |           | 0.19     | 1.70       | ug/kg             |
| 959-98-8          | Endosulfan I         | 18.2  |           | 0.14     | 1.70       | ug/kg             |
| 60-57-1           | Dieldrin             | 18.3  |           | 0.14     | 1.70       | ug/kg             |
| 72-55-9           | 4,4-DDE              | 18.1  |           | 0.14     | 1.70       | ug/kg             |
| 72-20-8           | Endrin               | 16.1  |           | 0.14     | 1.70       | ug/kg             |
| 33213-65-9        | Endosulfan II        | 18.4  |           | 0.29     | 1.70       | ug/kg             |
| 72-54-8           | 4,4-DDD              | 19.1  |           | 0.15     | 1.70       | ug/kg             |
| 1031-07-8         | Endosulfan Sulfate   | 18.0  |           | 0.13     | 1.70       | ug/kg             |
| 50-29-3           | 4,4-DDT              | 15.7  |           | 0.14     | 1.70       | ug/kg             |
| 72-43-5           | Methoxychlor         | 14.7  |           | 0.37     | 1.70       | ug/kg             |
| 53494-70-5        | Endrin ketone        | 18.4  |           | 0.19     | 1.70       | ug/kg             |
| 7421-93-4         | Endrin aldehyde      | 18.3  |           | 0.37     | 1.70       | ug/kg             |
| 5103-71-9         | alpha-Chlordane      | 18.0  |           | 0.12     | 1.70       | ug/kg             |
| 5103-74-2         | gamma-Chlordane      | 18.5  |           | 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   | 18.9  |           | 20 - 144 | 95%        | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 19.3  |           | 19 - 148 | 96%        | SPK: 20           |

## Report of Analysis

|                    |                                            |                    |                    |
|--------------------|--------------------------------------------|--------------------|--------------------|
| Client:            | Walsh Construction Company II, LLC         | Date Collected:    |                    |
| Project:           | Construction of Shafts 17B-18B - PN 220084 | Date Received:     |                    |
| Client Sample ID:  | PB168725BS                                 | SDG No.:           | Q2487              |
| Lab Sample ID:     | PB168725BS                                 | Matrix:            | SOIL               |
| Analytical Method: | 8081B                                      | % Solid:           | 100      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 |
| PD089334.D        | 1         | 07/03/25 10:01 | 07/03/25 15:07 | PB168725      |

| 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\PD070425\  
 Data File : PD089334.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Jul 2025 15:07  
 Operator : AR\AJ  
 Sample : PB168725BS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PB168725BS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 07/07/2025  
 Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 04 02:18:42 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 | 50161670 | 326.7E6  | 17.581 | 19.268m |
| 28)                         | SA Decachlor... | 9.075 | 8.072 | 72177341 | 374.4E6  | 18.377 | 18.939  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.999 | 3.393 | 318.1E6  | 1490.7E6 | 54.566 | 55.628  |
| 3)                          | MA gamma-BHC... | 4.330 | 3.729 | 302.0E6  | 1345.1E6 | 54.105 | 54.330  |
| 4)                          | MA Heptachlor   | 4.929 | 4.082 | 284.8E6  | 1307.2E6 | 52.232 | 52.209  |
| 5)                          | MB Aldrin       | 5.271 | 4.368 | 291.7E6  | 1334.1E6 | 54.896 | 55.091  |
| 6)                          | B beta-BHC      | 4.516 | 4.025 | 113.6E6  | 577.3E6  | 51.462 | 53.719  |
| 7)                          | B delta-BHC     | 4.764 | 4.262 | 293.0E6  | 1362.4E6 | 57.077 | 54.772  |
| 8)                          | B Heptachlo...  | 5.691 | 4.872 | 258.9E6  | 1205.4E6 | 53.675 | 55.046  |
| 9)                          | A Endosulfan I  | 6.074 | 5.246 | 244.8E6  | 1135.2E6 | 54.299 | 54.465  |
| 10)                         | B gamma-Chl...  | 5.946 | 5.125 | 265.3E6  | 1296.6E6 | 55.415 | 54.199  |
| 11)                         | B alpha-Chl...  | 6.027 | 5.190 | 261.8E6  | 1234.3E6 | 54.097 | 53.909  |
| 12)                         | B 4,4'-DDE      | 6.196 | 5.374 | 237.2E6  | 1240.3E6 | 54.390 | 54.124  |
| 13)                         | MA Dieldrin     | 6.348 | 5.513 | 263.4E6  | 1264.0E6 | 54.895 | 54.464  |
| 14)                         | MA Endrin       | 6.575 | 5.788 | 198.7E6  | 1041.1E6 | 48.172 | 47.944  |
| 15)                         | B Endosulfa...  | 6.786 | 6.080 | 223.3E6  | 1094.1E6 | 55.326 | 54.174  |
| 16)                         | A 4,4'-DDD      | 6.706 | 5.929 | 196.9E6  | 1054.8E6 | 57.376 | 55.141  |
| 17)                         | MA 4,4'-DDT     | 7.021 | 6.183 | 171.1E6  | 953.7E6  | 45.158 | 47.030  |
| 18)                         | B Endrin al...  | 6.915 | 6.258 | 168.3E6  | 832.8E6  | 54.942 | 54.390  |
| 19)                         | B Endosulfa...  | 7.149 | 6.481 | 207.4E6  | 1058.4E6 | 54.062 | 53.943  |
| 20)                         | A Methoxychlor  | 7.493 | 6.753 | 84672505 | 476.0E6  | 41.904 | 44.202  |
| 21)                         | B Endrin ke...  | 7.631 | 6.990 | 222.6E6  | 1190.7E6 | 54.662 | 55.120  |
| 22)                         | Mirex           | 8.114 | 7.184 | 134.7E6  | 745.5E6  | 44.323 | 44.700  |
| -----                       |                 |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070425\  
Data File : PD089334.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Jul 2025 15:07  
Operator : AR\AJ  
Sample : PB168725BS  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

## Instrument :

ECD\_D

ClientSampleId :

PB168725BS

## Manual Integrations

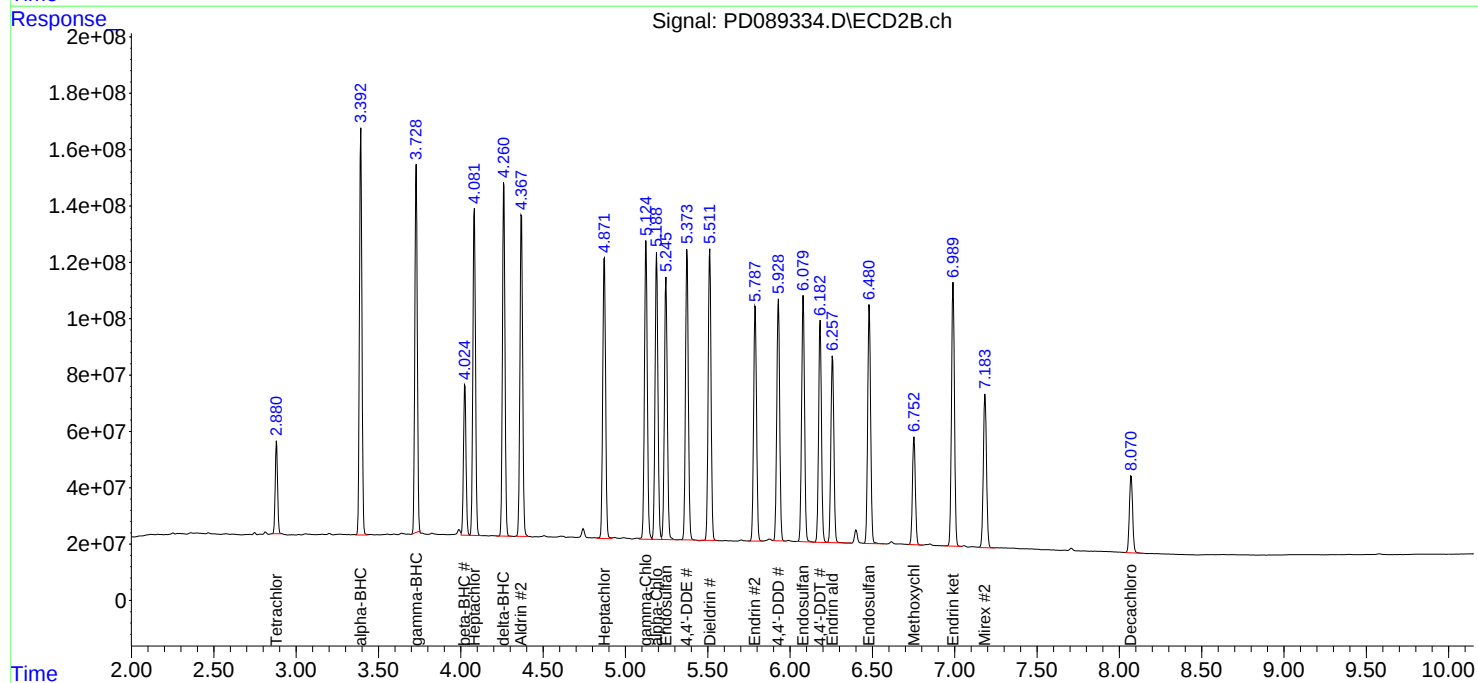
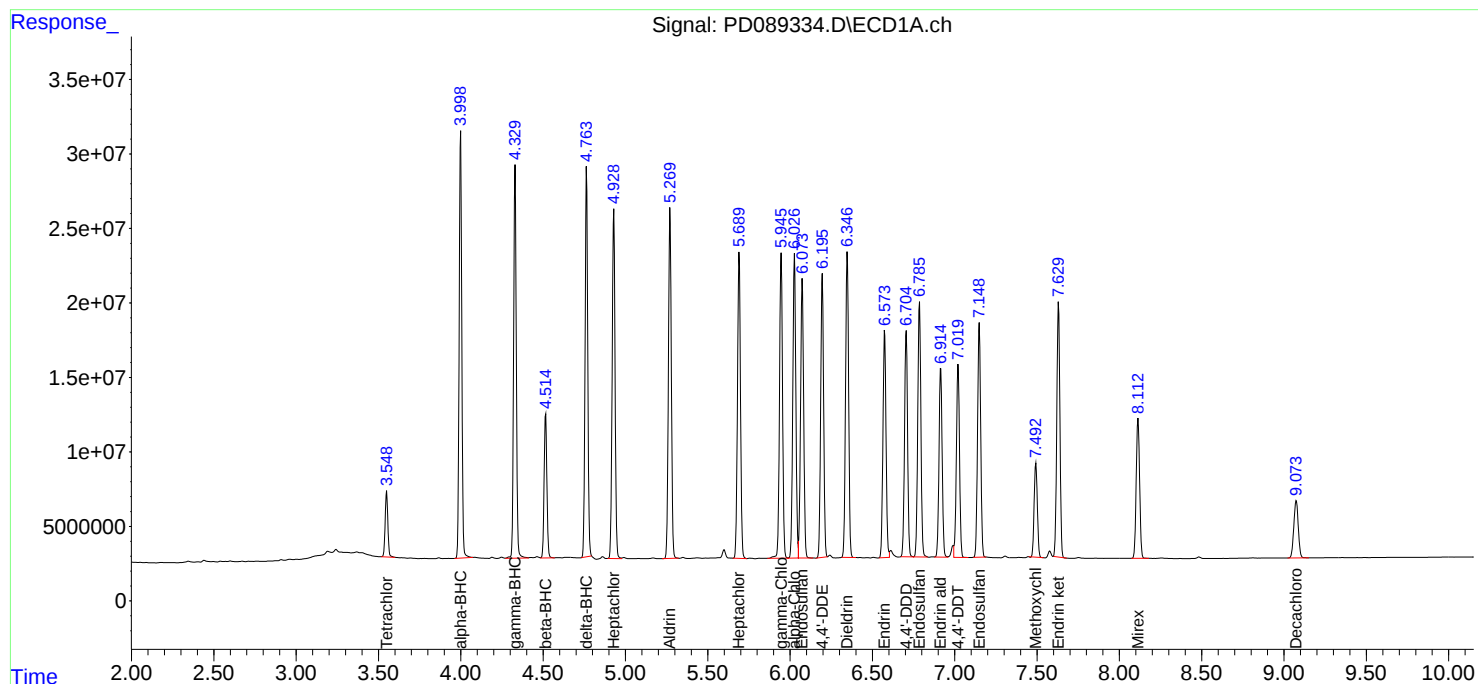
APPROVED

Reviewed By :Abdul Mirza 07/07/2025

Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 04 02:18:42 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:            | Walsh Construction Company II, LLC         | Date Collected:    | 07/02/25            |
| Project:           | Construction of Shafts 17B-18B - PN 220084 | Date Received:     | 07/02/25            |
| Client Sample ID:  | WC-11MS                                    | SDG No.:           | Q2487               |
| Lab Sample ID:     | Q2493-01MS                                 | Matrix:            | SOIL                |
| Analytical Method: | 8081B                                      | % Solid:           | 88.7      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 |
| PD089351.D        | 1         | 07/03/25 10:01 | 07/07/25 14:09 | PB168725      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 319-84-6          | alpha-BHC            | 18.3  |           | 0.15     | 1.90       | ug/kg             |
| 319-85-7          | beta-BHC             | 18.1  |           | 0.20     | 1.90       | ug/kg             |
| 319-86-8          | delta-BHC            | 18.1  |           | 0.44     | 1.90       | ug/kg             |
| 58-89-9           | gamma-BHC (Lindane)  | 18.0  |           | 0.16     | 1.90       | ug/kg             |
| 76-44-8           | Heptachlor           | 17.9  |           | 0.14     | 1.90       | ug/kg             |
| 309-00-2          | Aldrin               | 17.9  |           | 0.14     | 1.90       | ug/kg             |
| 1024-57-3         | Heptachlor epoxide   | 18.2  |           | 0.21     | 1.90       | ug/kg             |
| 959-98-8          | Endosulfan I         | 17.0  |           | 0.16     | 1.90       | ug/kg             |
| 60-57-1           | Dieldrin             | 16.7  |           | 0.16     | 1.90       | ug/kg             |
| 72-55-9           | 4,4-DDE              | 16.8  |           | 0.16     | 1.90       | ug/kg             |
| 72-20-8           | Endrin               | 16.3  |           | 0.16     | 1.90       | ug/kg             |
| 33213-65-9        | Endosulfan II        | 15.4  |           | 0.33     | 1.90       | ug/kg             |
| 72-54-8           | 4,4-DDD              | 14.7  |           | 0.17     | 1.90       | ug/kg             |
| 1031-07-8         | Endosulfan Sulfate   | 14.7  |           | 0.15     | 1.90       | ug/kg             |
| 50-29-3           | 4,4-DDT              | 15.3  |           | 0.16     | 1.90       | ug/kg             |
| 72-43-5           | Methoxychlor         | 13.3  |           | 0.42     | 1.90       | ug/kg             |
| 53494-70-5        | Endrin ketone        | 13.3  |           | 0.21     | 1.90       | ug/kg             |
| 7421-93-4         | Endrin aldehyde      | 14.9  |           | 0.42     | 1.90       | ug/kg             |
| 5103-71-9         | alpha-Chlordane      | 17.1  |           | 0.14     | 1.90       | ug/kg             |
| 5103-74-2         | gamma-Chlordane      | 17.2  |           | 0.17     | 1.90       | ug/kg             |
| 8001-35-2         | Toxaphene            | 6.10  | U         | 6.10     | 37.2       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 12.6  |           | 20 - 144 | 63%        | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 18.4  |           | 19 - 148 | 92%        | SPK: 20           |

## Report of Analysis

|                    |                                            |                    |                     |
|--------------------|--------------------------------------------|--------------------|---------------------|
| Client:            | Walsh Construction Company II, LLC         | Date Collected:    | 07/02/25            |
| Project:           | Construction of Shafts 17B-18B - PN 220084 | Date Received:     | 07/02/25            |
| Client Sample ID:  | WC-11MS                                    | SDG No.:           | Q2487               |
| Lab Sample ID:     | Q2493-01MS                                 | Matrix:            | SOIL                |
| Analytical Method: | 8081B                                      | % Solid:           | 88.7      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 |
| PD089351.D        | 1         | 07/03/25 10:01 | 07/07/25 14:09 | PB168725      |

| 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\PD070725\  
 Data File : PD089351.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Jul 2025 14:09  
 Operator : AR\AJ  
 Sample : Q2493-01MS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 WC-11MS

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 07/09/2025  
 Supervised By : mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 08 02:24:42 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 | 2.879 | 46233945 | 312.4E6  | 16.205  | 18.429m |
| 28)                         | SA Decachlor... | 9.070 | 8.069 | 49284681 | 216.4E6  | 12.548  | 10.947  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.997 | 3.391 | 258.3E6  | 1304.2E6 | 44.314m | 48.670m |
| 3)                          | MA gamma-BHC... | 4.329 | 3.729 | 254.1E6  | 1186.4E6 | 45.525  | 47.921  |
| 4)                          | MA Heptachlor   | 4.928 | 4.082 | 239.3E6  | 1192.2E6 | 43.887  | 47.613  |
| 5)                          | MB Aldrin       | 5.269 | 4.367 | 223.5E6  | 1156.9E6 | 42.067  | 47.771  |
| 6)                          | B beta-BHC      | 4.515 | 4.024 | 95980315 | 517.6E6  | 43.486  | 48.165  |
| 7)                          | B delta-BHC     | 4.763 | 4.261 | 240.3E6  | 1198.6E6 | 46.812  | 48.186  |
| 8)                          | B Heptachlo...  | 5.689 | 4.871 | 195.3E6  | 1059.9E6 | 40.490  | 48.404  |
| 9)                          | A Endosulfan I  | 6.073 | 5.246 | 181.6E6  | 941.2E6  | 40.294  | 45.156  |
| 10)                         | B gamma-Chl...  | 5.944 | 5.124 | 190.6E6  | 1097.6E6 | 39.813  | 45.879  |
| 11)                         | B alpha-Chl...  | 6.026 | 5.188 | 194.4E6  | 1043.1E6 | 40.185  | 45.556  |
| 12)                         | B 4,4'-DDE      | 6.194 | 5.373 | 171.8E6  | 1024.6E6 | 39.383  | 44.710  |
| 13)                         | MA Dieldrin     | 6.345 | 5.511 | 185.9E6  | 1034.2E6 | 38.757  | 44.561  |
| 14)                         | MA Endrin       | 6.573 | 5.787 | 159.3E6  | 940.2E6  | 38.604  | 43.301  |
| 15)                         | B Endosulfa...  | 6.784 | 6.079 | 147.1E6  | 829.9E6  | 36.451  | 41.090  |
| 16)                         | A 4,4'-DDD      | 6.703 | 5.928 | 130.3E6  | 748.8E6  | 37.952  | 39.146  |
| 17)                         | MA 4,4'-DDT     | 7.019 | 6.182 | 138.2E6  | 825.6E6  | 36.469  | 40.712  |
| 18)                         | B Endrin al...  | 6.913 | 6.257 | 115.0E6  | 607.5E6  | 37.540  | 39.676  |
| 19)                         | B Endosulfa...  | 7.148 | 6.480 | 139.0E6  | 766.4E6  | 36.224  | 39.060  |
| 20)                         | A Methoxychlor  | 7.491 | 6.752 | 66103607 | 381.3E6  | 32.714  | 35.410  |
| 21)                         | B Endrin ke...  | 7.628 | 6.989 | 144.1E6  | 724.4E6  | 35.379  | 33.532  |
| 22)                         | Mirex           | 8.112 | 7.183 | 99825634 | 547.9E6  | 32.836  | 32.849  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070725\  
Data File : PD089351.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Jul 2025 14:09  
Operator : AR\AJ  
Sample : Q2493-01MS  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

## Instrument :

ECD\_D

ClientSampleId :

WC-11MS

## Manual Integrations

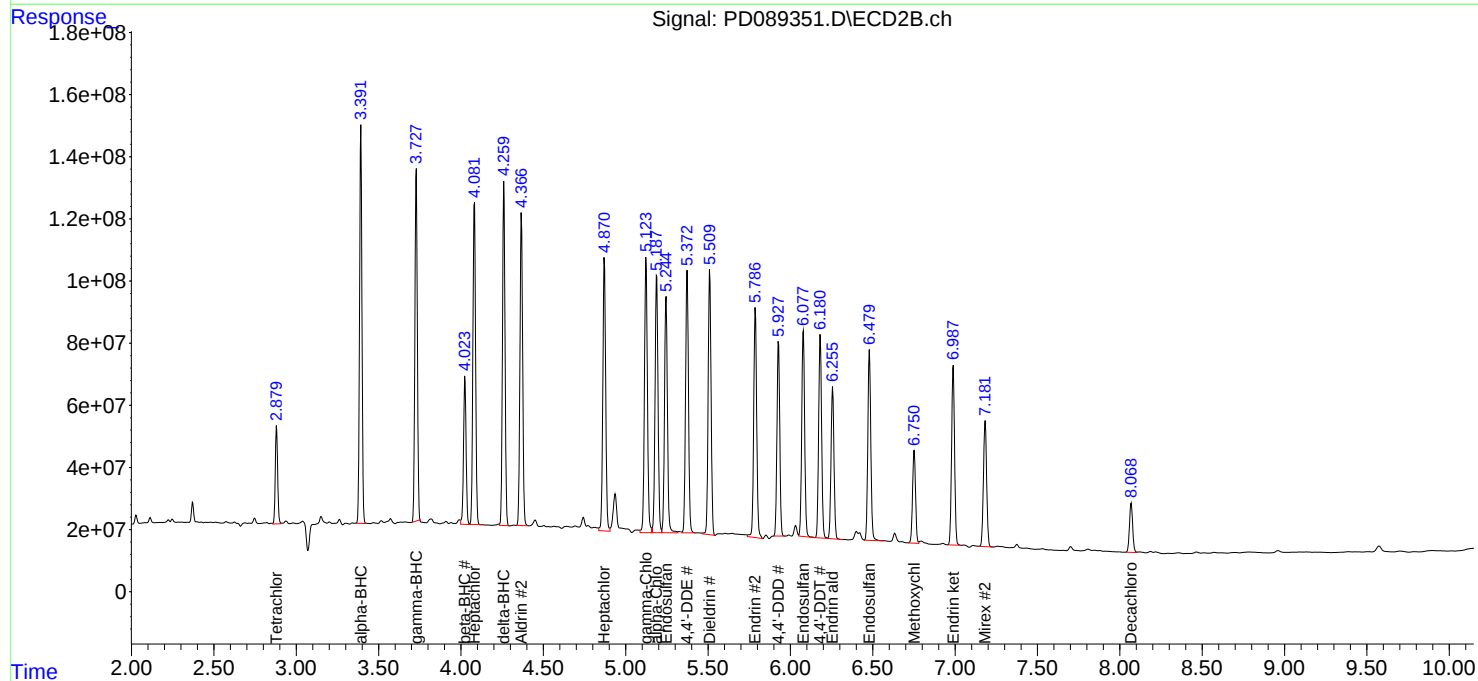
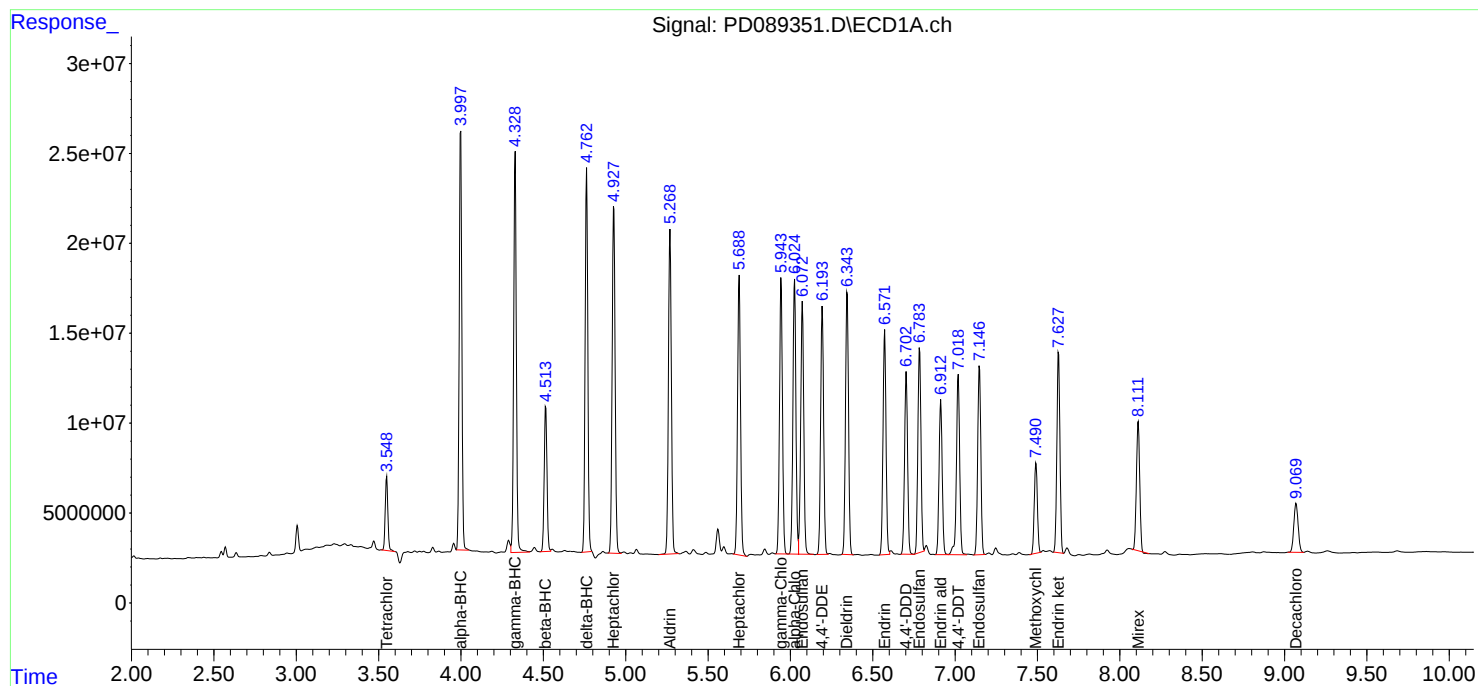
APPROVED

Reviewed By :Abdul Mirza 07/09/2025

Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 08 02:24:42 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:            | Walsh Construction Company II, LLC         | Date Collected:    | 07/02/25            |
| Project:           | Construction of Shafts 17B-18B - PN 220084 | Date Received:     | 07/02/25            |
| Client Sample ID:  | WC-11MSD                                   | SDG No.:           | Q2487               |
| Lab Sample ID:     | Q2493-01MSD                                | Matrix:            | SOIL                |
| Analytical Method: | 8081B                                      | % Solid:           | 88.7      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 |
| PD089352.D        | 1         | 07/03/25 10:01 | 07/07/25 14:51 | PB168725      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 319-84-6          | alpha-BHC            | 18.2  |           | 0.15     | 1.90       | ug/kg             |
| 319-85-7          | beta-BHC             | 18.6  |           | 0.20     | 1.90       | ug/kg             |
| 319-86-8          | delta-BHC            | 18.1  |           | 0.44     | 1.90       | ug/kg             |
| 58-89-9           | gamma-BHC (Lindane)  | 18.4  |           | 0.16     | 1.90       | ug/kg             |
| 76-44-8           | Heptachlor           | 17.8  |           | 0.14     | 1.90       | ug/kg             |
| 309-00-2          | Aldrin               | 18.1  |           | 0.14     | 1.90       | ug/kg             |
| 1024-57-3         | Heptachlor epoxide   | 18.4  |           | 0.21     | 1.90       | ug/kg             |
| 959-98-8          | Endosulfan I         | 17.5  |           | 0.16     | 1.90       | ug/kg             |
| 60-57-1           | Dieldrin             | 17.1  |           | 0.16     | 1.90       | ug/kg             |
| 72-55-9           | 4,4-DDE              | 17.2  |           | 0.16     | 1.90       | ug/kg             |
| 72-20-8           | Endrin               | 16.9  |           | 0.16     | 1.90       | ug/kg             |
| 33213-65-9        | Endosulfan II        | 15.9  |           | 0.33     | 1.90       | ug/kg             |
| 72-54-8           | 4,4-DDD              | 15.2  |           | 0.17     | 1.90       | ug/kg             |
| 1031-07-8         | Endosulfan Sulfate   | 15.4  |           | 0.15     | 1.90       | ug/kg             |
| 50-29-3           | 4,4-DDT              | 16.1  |           | 0.16     | 1.90       | ug/kg             |
| 72-43-5           | Methoxychlor         | 14.1  |           | 0.42     | 1.90       | ug/kg             |
| 53494-70-5        | Endrin ketone        | 14.1  |           | 0.21     | 1.90       | ug/kg             |
| 7421-93-4         | Endrin aldehyde      | 15.9  |           | 0.42     | 1.90       | ug/kg             |
| 5103-71-9         | alpha-Chlordane      | 17.7  |           | 0.14     | 1.90       | ug/kg             |
| 5103-74-2         | gamma-Chlordane      | 17.9  |           | 0.17     | 1.90       | ug/kg             |
| 8001-35-2         | Toxaphene            | 6.10  | U         | 6.10     | 37.2       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 13.3  |           | 20 - 144 | 66%        | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 18.0  |           | 19 - 148 | 90%        | SPK: 20           |

## Report of Analysis

|                    |                                            |                    |                     |
|--------------------|--------------------------------------------|--------------------|---------------------|
| Client:            | Walsh Construction Company II, LLC         | Date Collected:    | 07/02/25            |
| Project:           | Construction of Shafts 17B-18B - PN 220084 | Date Received:     | 07/02/25            |
| Client Sample ID:  | WC-11MSD                                   | SDG No.:           | Q2487               |
| Lab Sample ID:     | Q2493-01MSD                                | Matrix:            | SOIL                |
| Analytical Method: | 8081B                                      | % Solid:           | 88.7      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 |
| PD089352.D        | 1         | 07/03/25 10:01 | 07/07/25 14:51 | PB168725      |

| 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\PD070725\  
 Data File : PD089352.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Jul 2025 14:51  
 Operator : AR\AJ  
 Sample : Q2493-01MSD  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 WC-11MSD

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 07/08/2025  
 Supervised By : mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 08 02:24:52 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... | 3.557 | 2.878 | 46827358 | 305.8E6  | 16.413  | 18.038m |
| 28)                         | SA Decachlor... | 9.081 | 8.073 | 52121621 | 224.5E6  | 13.271  | 11.356  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 4.005 | 3.391 | 264.4E6  | 1300.0E6 | 45.367m | 48.514m |
| 3)                          | MA gamma-BHC... | 4.338 | 3.727 | 253.1E6  | 1211.9E6 | 45.350  | 48.950m |
| 4)                          | MA Heptachlor   | 4.937 | 4.082 | 248.6E6  | 1187.8E6 | 45.595  | 47.441  |
| 5)                          | MB Aldrin       | 5.278 | 4.368 | 230.7E6  | 1166.0E6 | 43.413  | 48.147  |
| 6)                          | B beta-BHC      | 4.523 | 4.024 | 95685206 | 532.1E6  | 43.353  | 49.511  |
| 7)                          | B delta-BHC     | 4.772 | 4.261 | 241.9E6  | 1200.6E6 | 47.135  | 48.270  |
| 8)                          | B Heptachlo...  | 5.698 | 4.872 | 198.0E6  | 1074.4E6 | 41.038  | 49.065  |
| 9)                          | A Endosulfan I  | 6.082 | 5.247 | 187.1E6  | 970.8E6  | 41.516  | 46.576  |
| 10)                         | B gamma-Chl...  | 5.954 | 5.125 | 196.9E6  | 1141.5E6 | 41.123  | 47.718  |
| 11)                         | B alpha-Chl...  | 6.035 | 5.190 | 201.1E6  | 1079.8E6 | 41.552  | 47.159  |
| 12)                         | B 4,4'-DDE      | 6.203 | 5.375 | 176.0E6  | 1048.7E6 | 40.364  | 45.761  |
| 13)                         | MA Dieldrin     | 6.354 | 5.512 | 194.5E6  | 1057.3E6 | 40.551  | 45.555  |
| 14)                         | MA Endrin       | 6.582 | 5.789 | 164.2E6  | 976.0E6  | 39.801  | 44.949  |
| 15)                         | B Endosulfa...  | 6.794 | 6.080 | 149.1E6  | 855.5E6  | 36.948  | 42.358  |
| 16)                         | A 4,4'-DDD      | 6.713 | 5.929 | 133.9E6  | 772.9E6  | 39.019  | 40.406  |
| 17)                         | MA 4,4'-DDT     | 7.029 | 6.184 | 146.0E6  | 867.2E6  | 38.528  | 42.762  |
| 18)                         | B Endrin al...  | 6.922 | 6.259 | 120.5E6  | 649.3E6  | 39.334  | 42.408  |
| 19)                         | B Endosulfa...  | 7.157 | 6.482 | 142.3E6  | 801.8E6  | 37.072  | 40.862  |
| 20)                         | A Methoxychlor  | 7.501 | 6.754 | 69761787 | 405.5E6  | 34.525  | 37.657  |
| 21)                         | B Endrin ke...  | 7.638 | 6.992 | 149.3E6  | 811.2E6  | 36.646  | 37.554  |
| 22)                         | Mirex           | 8.120 | 7.186 | 106.7E6  | 592.9E6  | 35.088  | 35.549  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070725\  
Data File : PD089352.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Jul 2025 14:51  
Operator : AR\AJ  
Sample : Q2493-01MSD  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

## Instrument :

ECD\_D

ClientSampleId :

WC-11MSD

## Manual Integrations

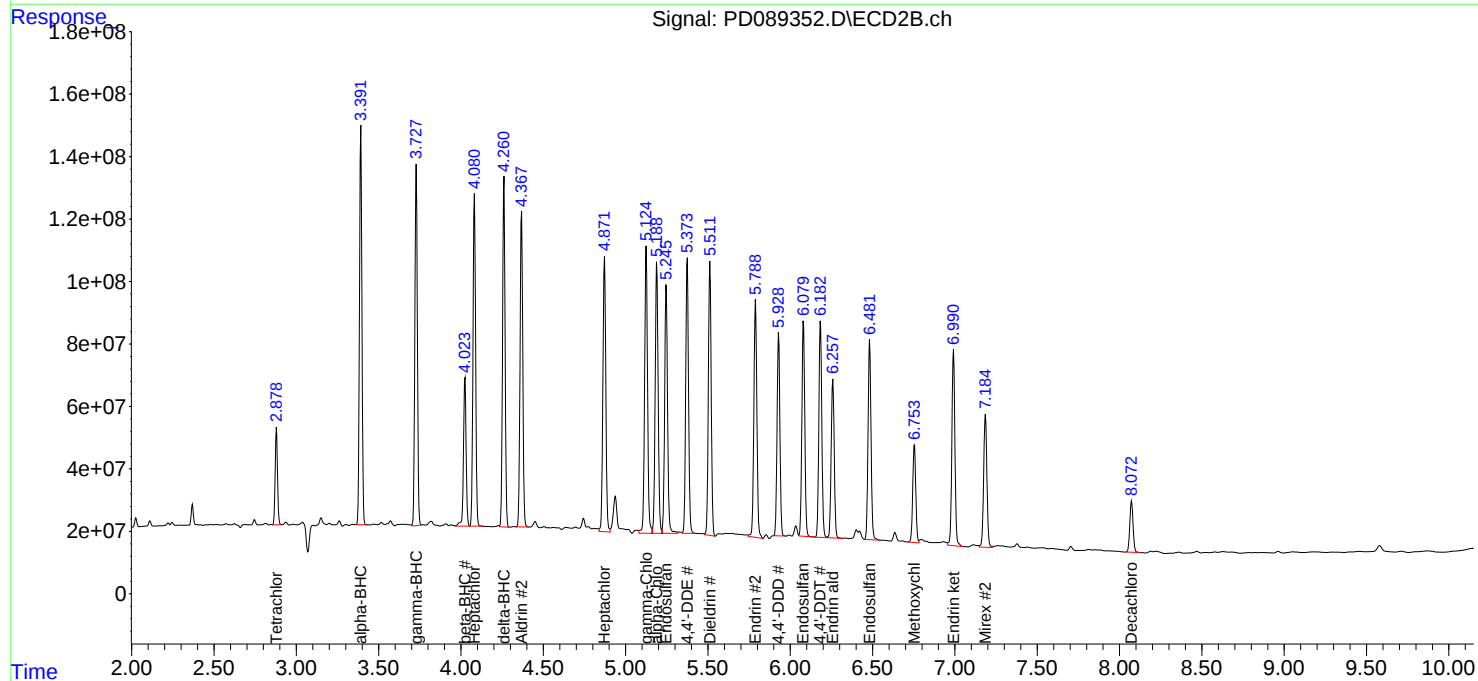
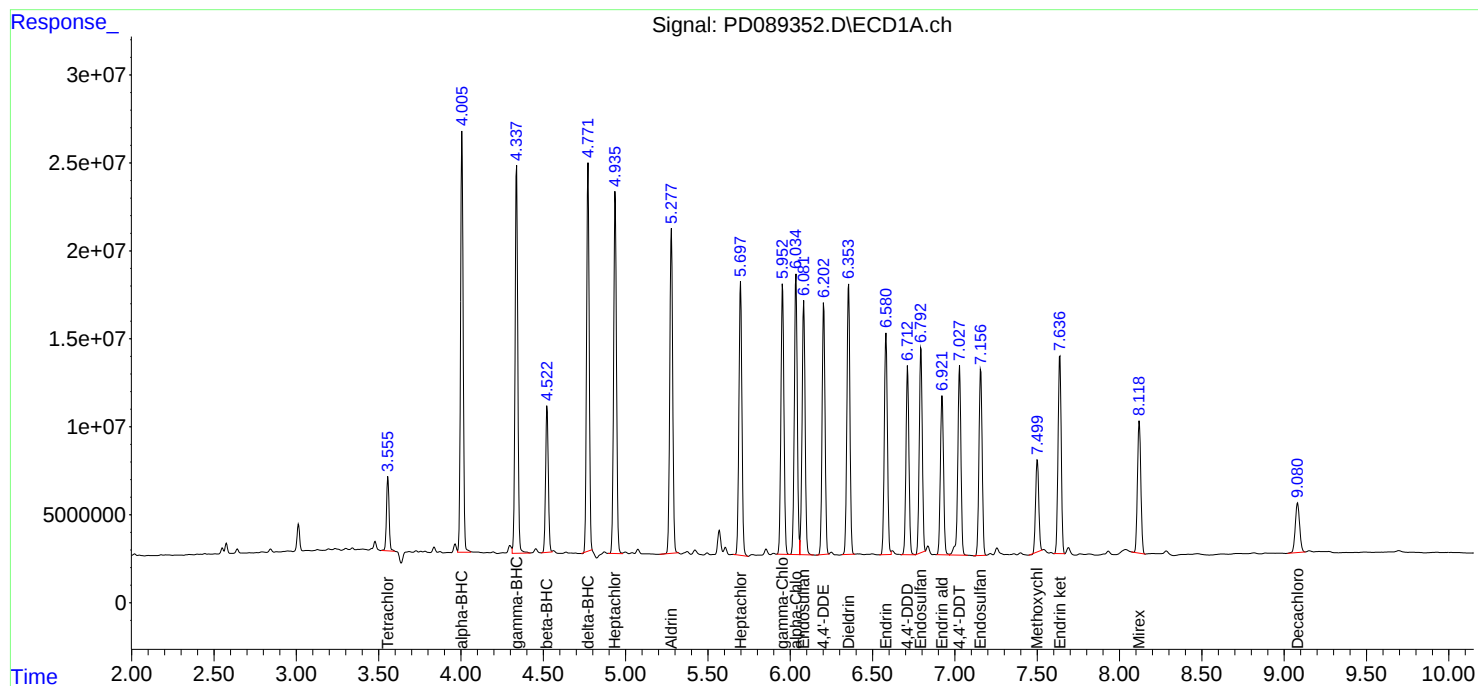
APPROVED

Reviewed By :Abdul Mirza 07/08/2025

Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 08 02:24:52 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



## 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:

pd070425

Instrument

ECD\_d

| Sample ID  | File ID    | Parameter               | Review By | Review On           | Supervised By | Supervised On    | Reason                      |
|------------|------------|-------------------------|-----------|---------------------|---------------|------------------|-----------------------------|
| I.BLK      | PD089326.D | Tetrachloro-m-xylene #2 | Abdul     | 7/7/2025 8:15:12 AM | mohammad      | 7/9/2025 1:50:45 | Peak Integrated by Software |
| PEM        | PD089327.D | 4,4"-DDD                | Abdul     | 7/7/2025 8:14:38 AM | mohammad      | 7/9/2025 1:50:45 | Peak Integrated by Software |
| PEM        | PD089327.D | 4,4"-DDD #2             | Abdul     | 7/7/2025 8:14:38 AM | mohammad      | 7/9/2025 1:50:45 | Peak Integrated by Software |
| PEM        | PD089327.D | 4,4"-DDE                | Abdul     | 7/7/2025 8:14:38 AM | mohammad      | 7/9/2025 1:50:45 | Peak Integrated by Software |
| PEM        | PD089327.D | 4,4"-DDE #2             | Abdul     | 7/7/2025 8:14:38 AM | mohammad      | 7/9/2025 1:50:45 | Peak Integrated by Software |
| PSTDCCC050 | PD089328.D | Dieldrin #2             | Abdul     | 7/7/2025 8:13:26 AM | mohammad      | 7/9/2025 1:50:45 | Peak Integrated by Software |
| PSTDCCC050 | PD089328.D | gamma-BHC (Lindane) #2  | Abdul     | 7/7/2025 8:13:26 AM | mohammad      | 7/9/2025 1:50:45 | Peak Integrated by Software |
| PSTDCCC050 | PD089328.D | gamma-Chlordane #2      | Abdul     | 7/7/2025 8:13:26 AM | mohammad      | 7/9/2025 1:50:45 | Peak Integrated by Software |
| PB168725BS | PD089334.D | Tetrachloro-m-xylene #2 | Abdul     | 7/7/2025 8:15:50 AM | mohammad      | 7/9/2025 1:50:45 | Peak Integrated by Software |
| Q2487-10   | PD089336.D | Decachlorobiphenyl #2   | Abdul     | 7/7/2025 8:13:54 AM | mohammad      | 7/9/2025 1:50:45 | Peak Integrated by Software |
| Q2487-10   | PD089336.D | Tetrachloro-m-xylene #2 | Abdul     | 7/7/2025 8:13:54 AM | mohammad      | 7/9/2025 1:50:45 | Peak Integrated by Software |
| PSTDCCC050 | PD089338.D | Dieldrin #2             | Abdul     | 7/7/2025 8:14:07 AM | mohammad      | 7/9/2025 1:50:45 | Peak Integrated by Software |
| PSTDCCC050 | PD089338.D | gamma-BHC (Lindane) #2  | Abdul     | 7/7/2025 8:14:07 AM | mohammad      | 7/9/2025 1:50:45 | Peak Integrated by Software |



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

## Manual Integration Report

Sequence:

pd070425

Instrument

ECD\_d

Sample ID

File ID

Parameter

Review By

Review On

Supervised  
By

Supervised On

Reason

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | Pd070725 | Instrument | ECD_d |
|-----------|----------|------------|-------|

| Sample ID  | File ID    | Parameter               | Review By | Review On           | Supervised By | Supervised On | Reason                      |
|------------|------------|-------------------------|-----------|---------------------|---------------|---------------|-----------------------------|
| PEM        | PD089341.D | 4,4"-DDE                | Abdul     | 7/8/2025 7:53:50 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PEM        | PD089341.D | Endrin aldehyde #2      | Abdul     | 7/8/2025 7:53:50 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PEM        | PD089341.D | Endrin ketone           | Abdul     | 7/8/2025 7:53:50 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PEM        | PD089341.D | Endrin ketone #2        | Abdul     | 7/8/2025 7:53:50 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PEM        | PD089341.D | gamma-BHC (Lindane) #2  | Abdul     | 7/8/2025 7:53:50 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PSTDCCC050 | PD089342.D | alpha-Chlordane #2      | Abdul     | 7/8/2025 7:53:55 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PSTDCCC050 | PD089342.D | gamma-BHC (Lindane) #2  | Abdul     | 7/8/2025 7:53:55 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PSTDCCC050 | PD089342.D | gamma-Chlordane #2      | Abdul     | 7/8/2025 7:53:55 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PSTDCCC050 | PD089342.D | Heptachlor epoxide #2   | Abdul     | 7/8/2025 7:53:55 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q2487-11   | PD089344.D | Tetrachloro-m-xylene #2 | Abdul     | 7/8/2025 7:54:01 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q2487-12   | PD089345.D | Decachlorobiphenyl #2   | Abdul     | 7/8/2025 7:54:04 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q2487-12   | PD089345.D | Tetrachloro-m-xylene #2 | Abdul     | 7/8/2025 7:54:04 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q2487-13   | PD089346.D | Tetrachloro-m-xylene #2 | Abdul     | 7/8/2025 7:54:07 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | Pd070725 | Instrument | ECD_d |
|-----------|----------|------------|-------|

| Sample ID   | File ID    | Parameter               | Review By | Review On           | Supervised By | Supervised On | Reason                      |
|-------------|------------|-------------------------|-----------|---------------------|---------------|---------------|-----------------------------|
| Q2487-14    | PD089347.D | Decachlorobiphenyl      | Abdul     | 7/8/2025 7:54:11 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q2487-14    | PD089347.D | Tetrachloro-m-xylene #2 | Abdul     | 7/8/2025 7:54:11 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q2487-15    | PD089348.D | Tetrachloro-m-xylene    | Abdul     | 7/8/2025 7:54:14 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q2487-15    | PD089348.D | Tetrachloro-m-xylene #2 | Abdul     | 7/8/2025 7:54:14 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q2487-16    | PD089349.D | Tetrachloro-m-xylene #2 | Abdul     | 7/8/2025 7:54:17 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q2493-01MS  | PD089351.D | alpha-BHC #2            | Abdul     | 7/8/2025 7:54:24 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q2493-01MS  | PD089351.D | Tetrachloro-m-xylene #2 | Abdul     | 7/8/2025 7:54:24 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q2493-01MSD | PD089352.D | alpha-BHC               | Abdul     | 7/8/2025 7:54:28 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q2493-01MSD | PD089352.D | alpha-BHC #2            | Abdul     | 7/8/2025 7:54:28 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q2493-01MSD | PD089352.D | gamma-BHC (Lindane) #2  | Abdul     | 7/8/2025 7:54:28 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| Q2493-01MSD | PD089352.D | Tetrachloro-m-xylene #2 | Abdul     | 7/8/2025 7:54:28 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PSTDCCC050  | PD089357.D | Heptachlor epoxide #2   | Abdul     | 7/8/2025 7:54:38 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PEM         | PD089368.D | 4,4"-DDE                | Abdul     | 7/8/2025 7:55:25 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | Pd070725 | Instrument | ECD_d |
|-----------|----------|------------|-------|

| Sample ID  | File ID    | Parameter              | Review By | Review On           | Supervised By | Supervised On | Reason                      |
|------------|------------|------------------------|-----------|---------------------|---------------|---------------|-----------------------------|
| PEM        | PD089368.D | 4,4"-DDE #2            | Abdul     | 7/8/2025 7:55:25 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PEM        | PD089368.D | Endrin aldehyde        | Abdul     | 7/8/2025 7:55:25 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PEM        | PD089368.D | Endrin aldehyde #2     | Abdul     | 7/8/2025 7:55:25 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PEM        | PD089368.D | Endrin ketone          | Abdul     | 7/8/2025 7:55:25 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PEM        | PD089368.D | gamma-BHC (Lindane) #2 | Abdul     | 7/8/2025 7:55:25 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PSTDCCC050 | PD089369.D | Decachlorobiphenyl #2  | Abdul     | 7/8/2025 7:55:28 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PSTDCCC050 | PD089369.D | gamma-BHC (Lindane) #2 | Abdul     | 7/8/2025 7:55:28 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PSTDCCC050 | PD089369.D | gamma-Chlordane #2     | Abdul     | 7/8/2025 7:55:28 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PSTDCCC050 | PD089369.D | Heptachlor epoxide #2  | Abdul     | 7/8/2025 7:55:28 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PSTDCCC050 | PD089377.D | Dieldrin #2            | Abdul     | 7/8/2025 7:55:49 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PSTDCCC050 | PD089377.D | Endosulfan I #2        | Abdul     | 7/8/2025 7:55:49 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PSTDCCC050 | PD089377.D | gamma-BHC (Lindane) #2 | Abdul     | 7/8/2025 7:55:49 AM | &nbsp;        | &nbsp;        | Peak Integrated by Software |
| PSTDCCC050 | PD089377.D | gamma-Chlordane #2     | Abdul     | 7/8/2025 7:55:49 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:

Pd070725

Instrument

ECD\_d

| Sample ID  | File ID    | Parameter             | Review By | Review On           | Supervised By | Supervised On | Reason                      |
|------------|------------|-----------------------|-----------|---------------------|---------------|---------------|-----------------------------|
| PSTDCCC050 | PD089377.D | Heptachlor epoxide #2 | Abdul     | 7/8/2025 7:55:49 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 # PD070425**

| Review By                | Review On                                                                                                                                                                       |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Supervise By             | Supervise On                                                                                                                                                                    |
| SubDirectory PD070425    | 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             |                                                                                                                                                                                 |

| Sr# | SampleId    | Data File Name | Date-Time         | Operator | Status |
|-----|-------------|----------------|-------------------|----------|--------|
| 1   | HEXANE      | PD089325.D     | 03 Jul 2025 09:05 | AR\AJ    | Ok     |
| 2   | I.BLK       | PD089326.D     | 03 Jul 2025 09:19 | AR\AJ    | Ok,M   |
| 3   | PEM         | PD089327.D     | 03 Jul 2025 09:32 | AR\AJ    | Ok,M   |
| 4   | PSTDCCC050  | PD089328.D     | 03 Jul 2025 09:46 | AR\AJ    | Ok,M   |
| 5   | PB168718BL  | PD089329.D     | 03 Jul 2025 13:55 | AR\AJ    | Ok,M   |
| 6   | PB168718BS  | PD089330.D     | 03 Jul 2025 14:09 | AR\AJ    | Ok,M   |
| 7   | PB168718BSD | PD089331.D     | 03 Jul 2025 14:27 | AR\AJ    | Ok,M   |
| 8   | Q2458-10    | PD089332.D     | 03 Jul 2025 14:40 | AR\AJ    | Ok     |
| 9   | PB168725BL  | PD089333.D     | 03 Jul 2025 14:54 | AR\AJ    | Ok     |
| 10  | PB168725BS  | PD089334.D     | 03 Jul 2025 15:07 | AR\AJ    | Ok,M   |
| 11  | Q2487-09    | PD089335.D     | 03 Jul 2025 15:21 | AR\AJ    | Ok     |
| 12  | Q2487-10    | PD089336.D     | 03 Jul 2025 15:35 | AR\AJ    | Ok,M   |
| 13  | I.BLK       | PD089337.D     | 03 Jul 2025 15:48 | AR\AJ    | Ok     |
| 14  | PSTDCCC050  | PD089338.D     | 03 Jul 2025 16:02 | AR\AJ    | Ok,M   |

M : Manual Integration

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD070725**

|                          |                                                                                                                                                                                 |                   |                                    |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------|
| Review By                | Abdul                                                                                                                                                                           | Review On         | 7/8/2025 7:56:29 AM                |
| Supervise By             |                                                                                                                                                                                 | Supervise On      |                                    |
| SubDirectory             | PD070725                                                                                                                                                                        | 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      | PD089339.D     | 07 Jul 2025 11:20 | AR\AJ    | Ok     |
| 2   | I.BLK       | PD089340.D     | 07 Jul 2025 11:34 | AR\AJ    | Ok     |
| 3   | PEM         | PD089341.D     | 07 Jul 2025 11:48 | AR\AJ    | Ok,NS  |
| 4   | PSTDCCC050  | PD089342.D     | 07 Jul 2025 12:02 | AR\AJ    | Ok,NS  |
| 5   | Q2491-01    | PD089343.D     | 07 Jul 2025 12:16 | AR\AJ    | Ok,NS  |
| 6   | Q2487-11    | PD089344.D     | 07 Jul 2025 12:30 | AR\AJ    | Ok,NS  |
| 7   | Q2487-12    | PD089345.D     | 07 Jul 2025 12:44 | AR\AJ    | Ok,NS  |
| 8   | Q2487-13    | PD089346.D     | 07 Jul 2025 12:57 | AR\AJ    | Ok,NS  |
| 9   | Q2487-14    | PD089347.D     | 07 Jul 2025 13:11 | AR\AJ    | Ok,NS  |
| 10  | Q2487-15    | PD089348.D     | 07 Jul 2025 13:28 | AR\AJ    | Ok,NS  |
| 11  | Q2487-16    | PD089349.D     | 07 Jul 2025 13:42 | AR\AJ    | Ok,NS  |
| 12  | Q2493-01    | PD089350.D     | 07 Jul 2025 13:55 | AR\AJ    | Ok,NS  |
| 13  | Q2493-01MS  | PD089351.D     | 07 Jul 2025 14:09 | AR\AJ    | Ok,NS  |
| 14  | Q2493-01MSD | PD089352.D     | 07 Jul 2025 14:51 | AR\AJ    | Ok,NS  |
| 15  | PB168736BL  | PD089353.D     | 07 Jul 2025 15:07 | AR\AJ    | Ok     |
| 16  | PB168736BS  | PD089354.D     | 07 Jul 2025 15:44 | AR\AJ    | Ok,NS  |
| 17  | Q2507-01    | PD089355.D     | 07 Jul 2025 16:00 | AR\AJ    | Ok,NS  |
| 18  | I.BLK       | PD089356.D     | 07 Jul 2025 16:13 | AR\AJ    | Ok     |
| 19  | PSTDCCC050  | PD089357.D     | 07 Jul 2025 16:27 | AR\AJ    | Ok,NS  |
| 20  | Q2513-01    | PD089358.D     | 07 Jul 2025 16:41 | AR\AJ    | Ok,NS  |
| 21  | Q2513-03    | PD089359.D     | 07 Jul 2025 17:42 | AR\AJ    | Ok,NS  |

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD070725**

| Review By                | Abdul                                                                                                                                                                           | Review On         | 7/8/2025 7:56:29 AM                |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------|
| Supervise By             |                                                                                                                                                                                 | Supervise On      |                                    |
| SubDirectory             | PD070725                                                                                                                                                                        | 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 | Q2514-01    | PD089360.D | 07 Jul 2025 17:56 | AR\AJ | Ok,NS |
| 23 | Q2514-01MS  | PD089361.D | 07 Jul 2025 18:10 | AR\AJ | Ok,NS |
| 24 | Q2514-01MSD | PD089362.D | 07 Jul 2025 18:23 | AR\AJ | Ok,NS |
| 25 | Q2514-02    | PD089363.D | 07 Jul 2025 18:37 | AR\AJ | Ok,NS |
| 26 | Q2514-03    | PD089364.D | 07 Jul 2025 18:51 | AR\AJ | Ok,NS |
| 27 | Q2514-04    | PD089365.D | 07 Jul 2025 19:04 | AR\AJ | Ok    |
| 28 | Q2514-05    | PD089366.D | 07 Jul 2025 19:18 | AR\AJ | Ok,NS |
| 29 | I.BLK       | PD089367.D | 07 Jul 2025 19:32 | AR\AJ | Ok    |
| 30 | PEM         | PD089368.D | 07 Jul 2025 19:46 | AR\AJ | Ok,NS |
| 31 | PSTDCCC050  | PD089369.D | 07 Jul 2025 19:59 | AR\AJ | Ok,NS |
| 32 | Q2514-06    | PD089370.D | 07 Jul 2025 20:41 | AR\AJ | Ok,NS |
| 33 | Q2514-07    | PD089371.D | 07 Jul 2025 20:54 | AR\AJ | Ok,NS |
| 34 | Q2514-08    | PD089372.D | 07 Jul 2025 21:08 | AR\AJ | Ok,NS |
| 35 | Q2514-09    | PD089373.D | 07 Jul 2025 21:22 | AR\AJ | Ok,NS |
| 36 | Q2514-10    | PD089374.D | 07 Jul 2025 21:35 | AR\AJ | Ok    |
| 37 | Q2515-01    | PD089375.D | 07 Jul 2025 21:49 | AR\AJ | Ok,NS |
| 38 | I.BLK       | PD089376.D | 07 Jul 2025 22:03 | AR\AJ | Ok    |
| 39 | PSTDCCC050  | PD089377.D | 07 Jul 2025 22:17 | AR\AJ | Ok,NS |

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 # PD070425**

|                          |                                                                                                                                                                                     |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Review By                | Review On                                                                                                                                                                           |
| Supervise By             | Supervise On                                                                                                                                                                        |
| SubDirectory             | PD070425                                                                                                                                                                            |
| 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      | PD089325.D     | 03 Jul 2025 09:05 |         | AR\AJ    | Ok     |
| 2   | I.BLK       | I.BLK       | PD089326.D     | 03 Jul 2025 09:19 |         | AR\AJ    | Ok,M   |
| 3   | PEM         | PEM         | PD089327.D     | 03 Jul 2025 09:32 |         | AR\AJ    | Ok,M   |
| 4   | PSTDCCC050  | PSTDCCC050  | PD089328.D     | 03 Jul 2025 09:46 |         | AR\AJ    | Ok,M   |
| 5   | PB168718BL  | PB168718BL  | PD089329.D     | 03 Jul 2025 13:55 |         | AR\AJ    | Ok,M   |
| 6   | PB168718BS  | PB168718BS  | PD089330.D     | 03 Jul 2025 14:09 |         | AR\AJ    | Ok,M   |
| 7   | PB168718BSD | PB168718BSD | PD089331.D     | 03 Jul 2025 14:27 |         | AR\AJ    | Ok,M   |
| 8   | Q2458-10    | FB-06272025 | PD089332.D     | 03 Jul 2025 14:40 |         | AR\AJ    | Ok     |
| 9   | PB168725BL  | PB168725BL  | PD089333.D     | 03 Jul 2025 14:54 |         | AR\AJ    | Ok     |
| 10  | PB168725BS  | PB168725BS  | PD089334.D     | 03 Jul 2025 15:07 |         | AR\AJ    | Ok,M   |
| 11  | Q2487-09    | G4(0-6)     | PD089335.D     | 03 Jul 2025 15:21 |         | AR\AJ    | Ok     |
| 12  | Q2487-10    | G4(6-12)    | PD089336.D     | 03 Jul 2025 15:35 |         | AR\AJ    | Ok,M   |
| 13  | I.BLK       | I.BLK       | PD089337.D     | 03 Jul 2025 15:48 |         | AR\AJ    | Ok     |
| 14  | PSTDCCC050  | PSTDCCC050  | PD089338.D     | 03 Jul 2025 16:02 |         | AR\AJ    | Ok,M   |

M : Manual Integration

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD070725**

|                          |                                                                                                                                                                                     |                   |                                    |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------|
| Review By                | Abdul                                                                                                                                                                               | Review On         | 7/8/2025 7:56:29 AM                |
| Supervise By             |                                                                                                                                                                                     | Supervise On      |                                    |
| SubDirectory             | PD070725                                                                                                                                                                            | 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         | PD089339.D     | 07 Jul 2025 11:20 |         | AR\AJ    | Ok     |
| 2   | I.BLK       | I.BLK          | PD089340.D     | 07 Jul 2025 11:34 |         | AR\AJ    | Ok     |
| 3   | PEM         | PEM            | PD089341.D     | 07 Jul 2025 11:48 |         | AR\AJ    | Ok,NS  |
| 4   | PSTDCCC050  | PSTDCCC050     | PD089342.D     | 07 Jul 2025 12:02 |         | AR\AJ    | Ok,NS  |
| 5   | Q2491-01    | EO-1-070225    | PD089343.D     | 07 Jul 2025 12:16 |         | AR\AJ    | Ok,NS  |
| 6   | Q2487-11    | G3(0-6)        | PD089344.D     | 07 Jul 2025 12:30 |         | AR\AJ    | Ok,NS  |
| 7   | Q2487-12    | G3(6-12)       | PD089345.D     | 07 Jul 2025 12:44 |         | AR\AJ    | Ok,NS  |
| 8   | Q2487-13    | G2(0-6)        | PD089346.D     | 07 Jul 2025 12:57 |         | AR\AJ    | Ok,NS  |
| 9   | Q2487-14    | G2(6-12)       | PD089347.D     | 07 Jul 2025 13:11 |         | AR\AJ    | Ok,NS  |
| 10  | Q2487-15    | G1(0-6)        | PD089348.D     | 07 Jul 2025 13:28 |         | AR\AJ    | Ok,NS  |
| 11  | Q2487-16    | G1(6-12)       | PD089349.D     | 07 Jul 2025 13:42 |         | AR\AJ    | Ok,NS  |
| 12  | Q2493-01    | WC-11          | PD089350.D     | 07 Jul 2025 13:55 |         | AR\AJ    | Ok,NS  |
| 13  | Q2493-01MS  | WC-11MS        | PD089351.D     | 07 Jul 2025 14:09 |         | AR\AJ    | Ok,NS  |
| 14  | Q2493-01MSD | WC-11MSD       | PD089352.D     | 07 Jul 2025 14:51 |         | AR\AJ    | Ok,NS  |
| 15  | PB168736BL  | PB168736BL     | PD089353.D     | 07 Jul 2025 15:07 |         | AR\AJ    | Ok     |
| 16  | PB168736BS  | PB168736BS     | PD089354.D     | 07 Jul 2025 15:44 |         | AR\AJ    | Ok,NS  |
| 17  | Q2507-01    | SU-04-7.3-2025 | PD089355.D     | 07 Jul 2025 16:00 |         | AR\AJ    | Ok,NS  |
| 18  | I.BLK       | I.BLK          | PD089356.D     | 07 Jul 2025 16:13 |         | AR\AJ    | Ok     |

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD070725**

|                          |                                                                                                                                                                                     |                   |                                    |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------|
| Review By                | Abdul                                                                                                                                                                               | Review On         | 7/8/2025 7:56:29 AM                |
| Supervise By             |                                                                                                                                                                                     | Supervise On      |                                    |
| SubDirectory             | PD070725                                                                                                                                                                            | 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 | PSTDCCC050  | PSTDCCC050  | PD089357.D | 07 Jul 2025 16:27 |  | AR\AJ | Ok,NS |
| 20 | Q2513-01    | HR-2-070325 | PD089358.D | 07 Jul 2025 16:41 |  | AR\AJ | Ok,NS |
| 21 | Q2513-03    | HR-3-070325 | PD089359.D | 07 Jul 2025 17:42 |  | AR\AJ | Ok,NS |
| 22 | Q2514-01    | TP-92       | PD089360.D | 07 Jul 2025 17:56 |  | AR\AJ | Ok,NS |
| 23 | Q2514-01MS  | TP-92MS     | PD089361.D | 07 Jul 2025 18:10 |  | AR\AJ | Ok,NS |
| 24 | Q2514-01MSD | TP-92MSD    | PD089362.D | 07 Jul 2025 18:23 |  | AR\AJ | Ok,NS |
| 25 | Q2514-02    | TP-93       | PD089363.D | 07 Jul 2025 18:37 |  | AR\AJ | Ok,NS |
| 26 | Q2514-03    | TP-94       | PD089364.D | 07 Jul 2025 18:51 |  | AR\AJ | Ok,NS |
| 27 | Q2514-04    | TP-96       | PD089365.D | 07 Jul 2025 19:04 |  | AR\AJ | Ok    |
| 28 | Q2514-05    | TP-97       | PD089366.D | 07 Jul 2025 19:18 |  | AR\AJ | Ok,NS |
| 29 | I.BLK       | I.BLK       | PD089367.D | 07 Jul 2025 19:32 |  | AR\AJ | Ok    |
| 30 | PEM         | PEM         | PD089368.D | 07 Jul 2025 19:46 |  | AR\AJ | Ok,NS |
| 31 | PSTDCCC050  | PSTDCCC050  | PD089369.D | 07 Jul 2025 19:59 |  | AR\AJ | Ok,NS |
| 32 | Q2514-06    | TP-103      | PD089370.D | 07 Jul 2025 20:41 |  | AR\AJ | Ok,NS |
| 33 | Q2514-07    | TP-36       | PD089371.D | 07 Jul 2025 20:54 |  | AR\AJ | Ok,NS |
| 34 | Q2514-08    | TP-78       | PD089372.D | 07 Jul 2025 21:08 |  | AR\AJ | Ok,NS |
| 35 | Q2514-09    | TP-81       | PD089373.D | 07 Jul 2025 21:22 |  | AR\AJ | Ok,NS |
| 36 | Q2514-10    | TP-90       | PD089374.D | 07 Jul 2025 21:35 |  | AR\AJ | Ok    |
| 37 | Q2515-01    | wc-1        | PD089375.D | 07 Jul 2025 21:49 |  | AR\AJ | Ok,NS |

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD070725**

| Review By                | Abdul                                                                                                                                                                               | Review On         | 7/8/2025 7:56:29 AM                |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------|
| Supervise By             |                                                                                                                                                                                     | Supervise On      |                                    |
| SubDirectory             | PD070725                                                                                                                                                                            | 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 | I.BLK      | I.BLK      | PD089376.D | 07 Jul 2025 22:03 |  | AR\AJ | Ok    |
| 39 | PSTDCCC050 | PSTDCCC050 | PD089377.D | 07 Jul 2025 22:17 |  | AR\AJ | Ok,NS |

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona  
Analyst: jignesh  
Date: 7/7/2025

OVENTEMP IN Celsius(°C): 107  
Time IN: 17:30  
In Date: 07/03/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104  
Time OUT: 08:37  
Out Date: 07/04/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
BalanceID: M SC-4  
Thermometer ID: % SOLID-OVEN

QC:LB136368

| 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 |
|----------|----------------------|--------|----------------|--------------|-------------------------|---------------------------|---------|----------|
| Q2487-01 | G4 (1.5)             | 1      | 1.15           | 10.21        | 11.36                   | 10.14                     | 88.1    |          |
| Q2487-02 | G4 (10)              | 2      | 1.19           | 10.38        | 11.57                   | 8.76                      | 72.9    |          |
| Q2487-03 | G3 (9)               | 3      | 1.15           | 10.66        | 11.81                   | 7.38                      | 58.4    |          |
| Q2487-04 | G3 (3)               | 4      | 1.15           | 10.80        | 11.95                   | 10.8                      | 89.4    |          |
| Q2487-05 | G2 (2.5)             | 5      | 1.17           | 10.00        | 11.17                   | 10.48                     | 93.1    |          |
| Q2487-06 | G2 (9)               | 6      | 1.16           | 10.26        | 11.42                   | 8.00                      | 66.7    |          |
| Q2487-07 | G1 (4.5)             | 7      | 1.19           | 10.11        | 11.3                    | 7.8                       | 65.4    |          |
| Q2487-08 | G1 (10)              | 8      | 1.16           | 9.96         | 11.12                   | 6.65                      | 55.1    |          |
| Q2487-09 | G4 (0-6)             | 9      | 1.18           | 10.26        | 11.44                   | 10.12                     | 87.1    |          |
| Q2487-10 | G4 (6-12)            | 10     | 1.16           | 10.14        | 11.3                    | 8.52                      | 72.6    |          |
| Q2487-11 | G3 (0-6)             | 11     | 1.18           | 10.42        | 11.6                    | 10.68                     | 91.2    |          |
| Q2487-12 | G3 (6-12)            | 12     | 1.18           | 10.41        | 11.59                   | 8.49                      | 70.2    |          |
| Q2487-13 | G2 (0-6)             | 13     | 1.17           | 9.95         | 11.12                   | 10.11                     | 89.8    |          |
| Q2487-14 | G2 (6-12)            | 14     | 1.16           | 10.68        | 11.84                   | 8.39                      | 67.7    |          |
| Q2487-15 | G1 (0-6)             | 15     | 1.17           | 10.55        | 11.72                   | 9.68                      | 80.7    |          |
| Q2487-16 | G1 (6-12)            | 16     | 1.13           | 10.24        | 11.37                   | 10.68                     | 93.3    |          |
| Q2501-05 | SVOC-GPC-BLANK       | 17     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |          |
| Q2501-06 | PEST-GPC-BLANK       | 18     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |          |
| Q2501-07 | PEST-GPC-BLANK-SPIKE | 19     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |          |
| Q2501-08 | PCB-GPC-BLANK        | 20     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |          |
| Q2501-09 | PCB-GPC-BLANK-SPIKE  | 21     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |          |
| Q2501-10 | SVOC-GPC-BLANK       | 22     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |          |
| Q2501-11 | PEST-GPC-BLANK       | 23     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |          |
| Q2501-12 | PEST-GPC-BLANK-SPIKE | 24     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |          |
| Q2501-13 | PCB-GPC2-BLANK       | 25     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |          |
| Q2501-14 | PCB-GPC2-BLANK-SPIKE | 26     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |          |
| Q2503-03 | GCAP2                | 27     | 1.18           | 10.65        | 11.83                   | 8.76                      | 71.2    |          |
| Q2503-04 | GCAP3                | 28     | 1.18           | 10.64        | 11.82                   | 8.16                      | 65.6    |          |

# PERCENT SOLID

Supervisor: Iwona  
Analyst: jignesh  
Date: 7/7/2025

OVENTEMP IN Celsius(°C): 107  
Time IN: 17:30  
In Date: 07/03/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104  
Time OUT: 08:37  
Out Date: 07/04/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
BalanceID: M SC-4  
Thermometer ID: % SOLID-OVEN

QC:LB136368

| 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     |
|----------|--------------------|--------|----------------|--------------|-------------------------|---------------------------|---------|--------------|
| Q2503-05 | GCAP2A             | 29     | 1.18           | 10.30        | 11.48                   | 9.11                      | 77.0    |              |
| Q2504-01 | WASTE              | 30     | 1.14           | 10.73        | 11.87                   | 10.16                     | 84.1    |              |
| Q2504-02 | VOC                | 31     | 1.18           | 10.81        | 11.99                   | 10.45                     | 85.8    |              |
| Q2504-03 | 1                  | 32     | 1.14           | 10.84        | 11.98                   | 10.36                     | 85.1    |              |
| Q2504-04 | 2                  | 33     | 1.19           | 10.41        | 11.6                    | 9.91                      | 83.8    |              |
| Q2504-05 | 3                  | 34     | 1.13           | 10.75        | 11.88                   | 10.22                     | 84.6    |              |
| Q2504-06 | 4                  | 35     | 1.14           | 10.52        | 11.66                   | 10.03                     | 84.5    |              |
| Q2504-07 | 5                  | 36     | 1.12           | 10.87        | 11.99                   | 10.16                     | 83.2    |              |
| Q2505-01 | #62825             | 37     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | WIPE SAMPLE  |
| Q2505-02 | #62525             | 38     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | WIPE SAMPLE  |
| Q2505-03 | #2008              | 39     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | WIPE SAMPLE  |
| Q2507-01 | SU-04-7.3-2025     | 40     | 1.17           | 10.26        | 11.43                   | 10.1                      | 87.0    |              |
| Q2507-02 | SU-04-7.3-2025-EPH | 41     | 1.18           | 10.30        | 11.48                   | 9.99                      | 85.5    |              |
| Q2507-03 | SU-04-7.3-2025-VOC | 42     | 1.13           | 10.45        | 11.58                   | 9.95                      | 84.4    |              |
| Q2508-01 | AUD-25-0105        | 43     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | WIPE SAMPLE  |
| Q2508-02 | AUD-25-0106        | 44     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | WIPE SAMPLE  |
| Q2508-03 | AUD-25-0107        | 45     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | WIPE SAMPLE  |
| Q2509-02 | AUD-25-0112        | 46     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | oilly-debris |
| Q2510-01 | #63025-A           | 47     | 1.15           | 11.63        | 12.78                   | 10.79                     | 82.9    |              |
| Q2510-02 | #63025-A-VOC       | 48     | 1.18           | 10.19        | 11.37                   | 9.86                      | 85.2    |              |
| Q2513-01 | HR-2-070325        | 49     | 1.18           | 9.89         | 11.07                   | 10.51                     | 94.3    |              |
| Q2513-02 | HR-2-070325-E2     | 50     | 1.18           | 10.25        | 11.43                   | 10.68                     | 92.7    |              |
| Q2513-03 | HR-3-070325        | 51     | 1.18           | 10.27        | 11.45                   | 10.88                     | 94.4    |              |
| Q2513-04 | HR-3-070325-E2     | 52     | 1.14           | 10.67        | 11.81                   | 11.23                     | 94.6    |              |
| Q2514-01 | TP-92              | 53     | 1.14           | 10.78        | 11.92                   | 10.56                     | 87.4    |              |
| Q2514-02 | TP-93              | 54     | 1.19           | 10.71        | 11.9                    | 10.58                     | 87.7    |              |
| Q2514-03 | TP-94              | 55     | 1.13           | 10.86        | 11.99                   | 10.7                      | 88.1    |              |
| Q2514-04 | TP-96              | 56     | 1.14           | 11.10        | 12.24                   | 10.66                     | 85.8    |              |



PERCENT SOLID

Supervisor: Iwona  
Analyst: jignesh  
Date: 7/7/2025

OVENTEMP IN Celsius(°C): 107  
Time IN: 17:30  
In Date: 07/03/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104  
Time OUT: 08:37  
Out Date: 07/04/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
BalanceID: M SC-4  
Thermometer ID: % SOLID-OVEN

QC:LB136368

| 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 |
|----------|-----------------|--------|-----------------|---------------|--------------------------|----------------------------|---------|----------|
| Q2514-05 | TP-97           | 57     | 1.16            | 10.02         | 11.18                    | 9.68                       | 85.0    |          |
| Q2514-06 | TP-103          | 58     | 1.18            | 10.22         | 11.4                     | 10.02                      | 86.5    |          |
| Q2514-07 | TP-36           | 59     | 1.15            | 10.78         | 11.93                    | 10.88                      | 90.3    |          |
| Q2514-08 | TP-78           | 60     | 1.13            | 9.99          | 11.12                    | 9.75                       | 86.3    |          |
| Q2514-09 | TP-81           | 61     | 1.16            | 10.50         | 11.66                    | 10.22                      | 86.3    |          |
| Q2514-10 | TP-90           | 62     | 1.18            | 10.43         | 11.61                    | 10.73                      | 91.6    |          |
| Q2515-01 | wc-1            | 63     | 1.15            | 10.31         | 11.46                    | 10.17                      | 87.5    |          |

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

# WORKLIST(Hardcopy Internal Chain)

WorkList Name : %1-070325

WorkList ID : 190533

Department : Wet-Chemistry

Date : 07-03-2025 08:34:29

196368

| Sample   | Customer Sample      | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|----------------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q2487-01 | G4(1.5)              | Solid  | Percent Solids | Cool 4 deg C | WALS01   | A22                         | 07/01/2025   | Chemtech -SO |
| Q2487-02 | G4(10)               | Solid  | Percent Solids | Cool 4 deg C | WALS01   | A22                         | 07/01/2025   | Chemtech -SO |
| Q2487-03 | G3(9)                | Solid  | Percent Solids | Cool 4 deg C | WALS01   | A22                         | 07/01/2025   | Chemtech -SO |
| Q2487-04 | G3(3)                | Solid  | Percent Solids | Cool 4 deg C | WALS01   | A22                         | 07/01/2025   | Chemtech -SO |
| Q2487-05 | G2(2.5)              | Solid  | Percent Solids | Cool 4 deg C | WALS01   | A22                         | 07/01/2025   | Chemtech -SO |
| Q2487-06 | G2(9)                | Solid  | Percent Solids | Cool 4 deg C | WALS01   | A22                         | 07/01/2025   | Chemtech -SO |
| Q2487-07 | G1(4.5)              | Solid  | Percent Solids | Cool 4 deg C | WALS01   | A22                         | 07/01/2025   | Chemtech -SO |
| Q2487-08 | G1(10)               | Solid  | Percent Solids | Cool 4 deg C | WALS01   | A22                         | 07/01/2025   | Chemtech -SO |
| Q2487-09 | G4(0-6)              | Solid  | Percent Solids | Cool 4 deg C | WALS01   | A22                         | 07/01/2025   | Chemtech -SO |
| Q2487-10 | G4(6-12)             | Solid  | Percent Solids | Cool 4 deg C | WALS01   | A22                         | 07/01/2025   | Chemtech -SO |
| Q2487-11 | G3(0-6)              | Solid  | Percent Solids | Cool 4 deg C | WALS01   | A22                         | 07/01/2025   | Chemtech -SO |
| Q2487-12 | G3(6-12)             | Solid  | Percent Solids | Cool 4 deg C | WALS01   | A22                         | 07/01/2025   | Chemtech -SO |
| Q2487-13 | G2(0-6)              | Solid  | Percent Solids | Cool 4 deg C | WALS01   | A22                         | 07/01/2025   | Chemtech -SO |
| Q2487-14 | G2(6-12)             | Solid  | Percent Solids | Cool 4 deg C | WALS01   | A22                         | 07/01/2025   | Chemtech -SO |
| Q2487-15 | G1(0-6)              | Solid  | Percent Solids | Cool 4 deg C | WALS01   | A22                         | 07/01/2025   | Chemtech -SO |
| Q2487-16 | G1(6-12)             | Solid  | Percent Solids | Cool 4 deg C | WALS01   | A22                         | 07/01/2025   | Chemtech -SO |
| Q2501-05 | SVOC-GPC-BLANK       | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | D31                         | 06/27/2025   | Chemtech -SO |
| Q2501-06 | PEST-GPC-BLANK       | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | D31                         | 06/27/2025   | Chemtech -SO |
| Q2501-07 | PEST-GPC-BLANK-SPIKE | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | D31                         | 06/27/2025   | Chemtech -SO |
| Q2501-08 | PCB-GPC-BLANK        | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | D31                         | 06/27/2025   | Chemtech -SO |
| Q2501-09 | PCB-GPC-BLANK-SPIKE  | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | D31                         | 06/27/2025   | Chemtech -SO |

Date/Time 07/03/25 15:15

Raw Sample Received by: JDC

Raw Sample Relinquished by: JDC

Date/Time 07/03/25

Raw Sample Received by: JDC

Raw Sample Relinquished by: JDC

# WORKLIST(Hardcopy Internal Chain)

136318

WorkList Name : %1-070325

WorkList ID : 190533

Department : Wet-Chemistry

Date : 07-03-2025 08:34:29

| Sample   | Customer Sample      | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|----------------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q2501-10 | SVOC-GPC-BLANK       | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | D31                         | 06/27/2025   | Chemtech -SO |
| Q2501-11 | PEST-GPC-BLANK       | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | D31                         | 06/27/2025   | Chemtech -SO |
| Q2501-12 | PEST-GPC-BLANK-SPIKE | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | D31                         | 06/27/2025   | Chemtech -SO |
| Q2501-13 | PCB-GPC2-BLANK       | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | D31                         | 06/27/2025   | Chemtech -SO |
| Q2501-14 | PCB-GPC2-BLANK-SPIKE | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | D31                         | 06/27/2025   | Chemtech -SO |
| Q2503-03 | GCAP2                | Solid  | Percent Solids | Cool 4 deg C | GENV01   | O11                         | 06/27/2025   | Chemtech -SO |
| Q2503-04 | GCAP3                | Solid  | Percent Solids | Cool 4 deg C | GENV01   | O11                         | 07/02/2025   | Chemtech -SO |
| Q2503-05 | GCAP2A               | Solid  | Percent Solids | Cool 4 deg C | GENV01   | O11                         | 07/02/2025   | Chemtech -SO |
| Q2504-01 | WASTE                | Solid  | Percent Solids | Cool 4 deg C | SCIA01   | O12                         | 07/02/2025   | Chemtech -SO |
| Q2504-02 | VOC                  | Solid  | Percent Solids | Cool 4 deg C | SCIA01   | O12                         | 07/02/2025   | Chemtech -SO |
| Q2504-03 | 1                    | Solid  | Percent Solids | Cool 4 deg C | SCIA01   | O12                         | 07/02/2025   | Chemtech -SO |
| Q2504-04 | 2                    | Solid  | Percent Solids | Cool 4 deg C | SCIA01   | O12                         | 07/02/2025   | Chemtech -SO |
| Q2504-05 | 3                    | Solid  | Percent Solids | Cool 4 deg C | SCIA01   | O12                         | 07/02/2025   | Chemtech -SO |
| Q2504-06 | 4                    | Solid  | Percent Solids | Cool 4 deg C | SCIA01   | O12                         | 07/02/2025   | Chemtech -SO |
| Q2504-07 | 5                    | Solid  | Percent Solids | Cool 4 deg C | SCIA01   | O12                         | 07/02/2025   | Chemtech -SO |
| Q2505-01 | #62825               | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | O13                         | 07/03/2025   | Chemtech -SO |
| Q2505-02 | #62525               | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | O13                         | 07/03/2025   | Chemtech -SO |
| Q2505-03 | #2008                | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | O13                         | 07/03/2025   | Chemtech -SO |
| Q2507-01 | SU-04-7.3-2025       | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | O12                         | 07/04/2025   | Chemtech -SO |
| Q2507-02 | SU-04-7.3-2025-EPH   | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | O12                         | 07/04/2025   | Chemtech -SO |
| Q2507-03 | SU-04-7.3-2025-VOC   | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | O12                         | 07/04/2025   | Chemtech -SO |

Date/Time 07/03/25 15:15  
 Raw Sample Received by: [Signature]  
 Raw Sample Relinquished by: [Signature]

Date/Time 07/03/25 17:15  
 Raw Sample Received by: [Signature]  
 Raw Sample Relinquished by: [Signature]

# WORKLIST(Hardcopy Internal Chain)

136368

WorkList Name : %1-070325

WorkList ID : 190533

Department : Wet-Chemistry

Date : 07-03-2025 08:34:29

| Sample   | Customer Sample | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|-----------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q2508-01 | AUD-25-0105     | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | O11                         | 07/03/2025   | Chemtech -SO |
| Q2508-02 | AUD-25-0106     | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | O11                         | 07/03/2025   | Chemtech -SO |
| Q2508-03 | AUD-25-0107     | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | O11                         | 07/03/2025   | Chemtech -SO |
| Q2509-02 | AUD-25-0112     | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | O22                         | 07/03/2025   | Chemtech -SO |
| Q2510-01 | #63025-A        | Solid  | Percent Solids | Cool 4 deg C | PSEG05   | O22                         | 07/03/2025   | Chemtech -SO |
| Q2510-02 | #63025-A-VOC    | Solid  | Percent Solids | Cool 4 deg C | PSEG05   | O22                         | 07/03/2025   | Chemtech -SO |
| Q2513-01 | HR-2-070325     | Solid  | Percent Solids | Cool 4 deg C | PSEG05   | O21                         | 07/03/2025   | Chemtech -SO |
| Q2513-02 | HR-2-070325-E2  | Solid  | Percent Solids | Cool 4 deg C | PSEG05   | O21                         | 07/03/2025   | Chemtech -SO |
| Q2513-03 | HR-3-070325     | Solid  | Percent Solids | Cool 4 deg C | PSEG05   | O21                         | 07/03/2025   | Chemtech -SO |
| Q2513-04 | HR-3-070325-E2  | Solid  | Percent Solids | Cool 4 deg C | PSEG05   | O21                         | 07/03/2025   | Chemtech -SO |
| Q2514-01 | TP-92           | Solid  | Percent Solids | Cool 4 deg C | CAMP02   | O21                         | 07/02/2025   | Chemtech -SO |
| Q2514-02 | TP-93           | Solid  | Percent Solids | Cool 4 deg C | CAMP02   | O21                         | 07/02/2025   | Chemtech -SO |
| Q2514-03 | TP-94           | Solid  | Percent Solids | Cool 4 deg C | CAMP02   | O21                         | 07/02/2025   | Chemtech -SO |
| Q2514-04 | TP-96           | Solid  | Percent Solids | Cool 4 deg C | CAMP02   | O21                         | 07/02/2025   | Chemtech -SO |
| Q2514-05 | TP-97           | Solid  | Percent Solids | Cool 4 deg C | CAMP02   | O21                         | 07/02/2025   | Chemtech -SO |
| Q2514-06 | TP-103          | Solid  | Percent Solids | Cool 4 deg C | CAMP02   | O21                         | 07/02/2025   | Chemtech -SO |
| Q2514-07 | TP-36           | Solid  | Percent Solids | Cool 4 deg C | CAMP02   | O21                         | 07/02/2025   | Chemtech -SO |
| Q2514-08 | TP-78           | Solid  | Percent Solids | Cool 4 deg C | CAMP02   | O21                         | 07/03/2025   | Chemtech -SO |
| Q2514-09 | TP-81           | Solid  | Percent Solids | Cool 4 deg C | CAMP02   | O21                         | 07/03/2025   | Chemtech -SO |
| Q2514-10 | TP-90           | Solid  | Percent Solids | Cool 4 deg C | CAMP02   | O21                         | 07/03/2025   | Chemtech -SO |
| Q2515-01 | wc-1            | Solid  | Percent Solids | Cool 4 deg C | ENVO01   | O23                         | 07/03/2025   | Chemtech -SO |

Date/Time 07/03/25 1515  
 Raw Sample Received by: [Signature]  
 Raw Sample Relinquished by: [Signature]

Date/Time 07/03/25 17135  
 Raw Sample Received by: [Signature]  
 Raw Sample Relinquished by: [Signature]

**SOP ID:** M3541-ASE Extraction-14

**Clean Up SOP #:** Florisil

**Matrix :** Solid

**Weigh By:** EH **Extraction By:** RJ

**Balance check:** RJ **Filter By:** RJ

**Balance ID:** EX-SC-2 **pH Meter ID:** N/A

**pH Strip Lot#:** N/A **Hood ID:** 3,7

**Extraction Start Date :** 07/03/2025

**Extraction Start Time :** 10:01

**Extraction End Date :** 07/03/2025

**Extraction End Time :** 13:10

**Concentration By:** EH

**Supervisor By :** RUPESH

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

| Standard Name | MLS USED | Concentration ug/mL | STD REF. # FROM LOG |
|---------------|----------|---------------------|---------------------|
| Spike Sol 1   | 1.0ML    | 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            | EP2624           |
| <del>Sand</del>            | N/A            | <del>E2865</del> |
| Hexane                     | N/A            | E3947            |
| 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

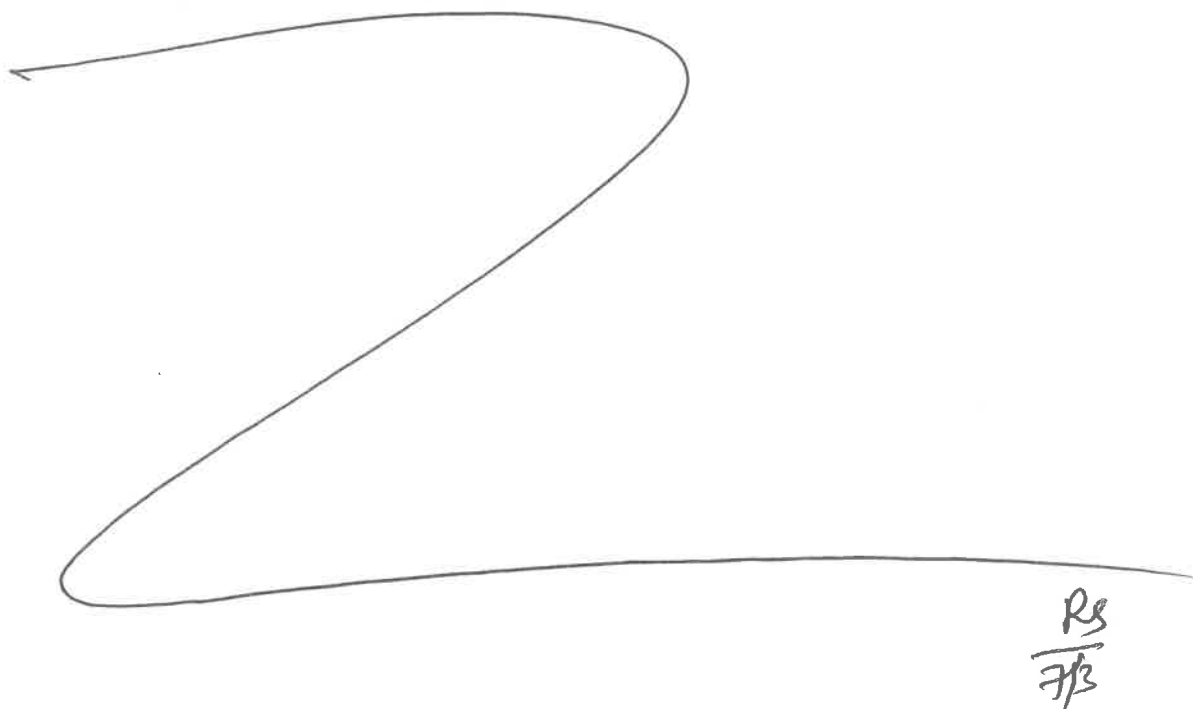
**KD Bath Temperature:** N/A **Envap Temperature:** 40 °C

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|-------------|-----------------------------------------|----------------------|
| 7/2/25      | RJ (BUT 9:45)                           | Y.P. RUPESH          |
| 13:15       | Preparation Group                       | Analysis Group       |

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 07/03/2025

| Sample ID       | Client Sample ID | Test          | g/mL  | PH  | Surr/Spike By: |            | Final Vol.<br>(mL) | JarID | Comments | Prep<br>Pos |
|-----------------|------------------|---------------|-------|-----|----------------|------------|--------------------|-------|----------|-------------|
|                 |                  |               |       |     | AddedBy        | VerifiedBy |                    |       |          |             |
| PB168725BL      | PBLK725          | Pesticide-TCL | 30.02 | N/A | ritesh         | Evelyn     | 10                 |       |          | U3-1        |
| PB168725BS      | PLCS725          | Pesticide-TCL | 30.01 | N/A | ritesh         | Evelyn     | 10                 |       |          | 2           |
| Q2487-09        | G4(0-6)          | Pesticide-TCL | 30.05 | N/A | ritesh         | Evelyn     | 10                 | B     |          | 3           |
| Q2487-10        | G4(6-12)         | Pesticide-TCL | 30.03 | N/A | ritesh         | Evelyn     | 10                 | B     |          | 4           |
| Q2487-11        | G3(0-6)          | Pesticide-TCL | 30.08 | N/A | ritesh         | Evelyn     | 10                 | B     |          | 5           |
| Q2487-12        | G3(6-12)         | Pesticide-TCL | 30.03 | N/A | ritesh         | Evelyn     | 10                 | B     |          | 6           |
| Q2487-13        | G2(0-6)          | Pesticide-TCL | 30.01 | N/A | ritesh         | Evelyn     | 10                 | B     |          | U6-1        |
| Q2487-14        | G2(6-12)         | Pesticide-TCL | 30.03 | N/A | ritesh         | Evelyn     | 10                 | B     |          | 2           |
| Q2487-15        | G1(0-6)          | Pesticide-TCL | 30.04 | N/A | ritesh         | Evelyn     | 10                 | B     |          | 3           |
| Q2487-16        | G1(6-12)         | Pesticide-TCL | 30.05 | N/A | ritesh         | Evelyn     | 10                 | B     |          | 4           |
| Q2491-01        | EO-1-070225      | Pesticide-TCL | 30.07 | N/A | ritesh         | Evelyn     | 10                 | B     |          | 5           |
| Q2493-01        | WC-11            | Pesticide-TCL | 30.05 | N/A | ritesh         | Evelyn     | 10                 | B     |          | 6           |
| Q2493-01MS      | WC-11MS          | Pesticide-TCL | 30.02 | N/A | ritesh         | Evelyn     | 10                 | B     |          | U1-1        |
| Q2493-01MS<br>D | WC-11MSD         | Pesticide-TCL | 30.01 | N/A | ritesh         | Evelyn     | 10                 | B     |          | 2           |



168725  
10:01  
526891

# WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2487

WorkList ID : 190543

Department : Extraction

Date : 07-03-2025 09:00:40

| Sample   | Customer Sample | Matrix | Test          | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|----------|-----------------|--------|---------------|--------------|----------|-----------------------------|--------------|--------|
| Q2487-09 | G4(0-6)         | Solid  | Pesticide-TCL | Cool 4 deg C | WALS01   | --Sele                      | 07/01/2025   | 8081B  |
| Q2487-10 | G4(6-12)        | Solid  | Pesticide-TCL | Cool 4 deg C | WALS01   | --Sele                      | 07/01/2025   | 8081B  |
| Q2487-11 | G3(0-6)         | Solid  | Pesticide-TCL | Cool 4 deg C | WALS01   | --Sele                      | 07/01/2025   | 8081B  |
| Q2487-12 | G3(6-12)        | Solid  | Pesticide-TCL | Cool 4 deg C | WALS01   | --Sele                      | 07/01/2025   | 8081B  |
| Q2487-13 | G2(0-6)         | Solid  | Pesticide-TCL | Cool 4 deg C | WALS01   | --Sele                      | 07/01/2025   | 8081B  |
| Q2487-14 | G2(6-12)        | Solid  | Pesticide-TCL | Cool 4 deg C | WALS01   | --Sele                      | 07/01/2025   | 8081B  |
| Q2487-15 | G1(0-6)         | Solid  | Pesticide-TCL | Cool 4 deg C | WALS01   | --Sele                      | 07/01/2025   | 8081B  |
| Q2487-16 | G1(6-12)        | Solid  | Pesticide-TCL | Cool 4 deg C | WALS01   | --Sele                      | 07/01/2025   | 8081B  |
| Q2491-01 | EO-1-070225     | Solid  | Pesticide-TCL | Cool 4 deg C | PSEG03   | A61                         | 07/02/2025   | 8081B  |
| Q2493-01 | WC-11           | Solid  | Pesticide-TCL | Cool 4 deg C | PSEG03   | A43                         | 07/02/2025   | 8081B  |

Date/Time

7/3/25 9:55  
Raw Sample Received by: RJ(Ext-66)  
Raw Sample Relinquished by: RJ(Ext-66)

Date/Time

7/3/25 10:25  
Raw Sample Received by: RJ(Ext-66)  
Raw Sample Relinquished by: RJ(Ext-66)



# SHIPPING DOCUMENTS





### 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 :** Q2487      **WALS01**

**Order Date :** 7/2/2025 10:05:00 AM

**Project Mgr :**

**Client Name :** Walsh Construction Compai

**Project Name :** Construction of Shafts 17B-

**Report Type :** Level 2

**Client Contact :** Jesse A. Sylvestri

**Receive DateTime :** 7/1/2025 4:00:00 PM

**EDD Type :** Excel NY

**Invoice Name :** Walsh Construction Compai

**Purchase Order :**

**Hard Copy Date :**

**Invoice Contact :** Jesse A. Sylvestri

**Date Signoff :**

| LAB ID   | CLIENT ID | MATRIX | SAMPLE<br>DATE | SAMPLE<br>TIME | TEST          | TEST GROUP | METHOD | FAX DATE     | DUE<br>DATES |
|----------|-----------|--------|----------------|----------------|---------------|------------|--------|--------------|--------------|
| Q2487-01 | G4(1.5)   | Solid  | 07/01/2025     | 10:25          |               |            |        |              |              |
|          |           |        |                |                | VOC-TCLVOA-10 |            | 8260D  | 10 Bus. Days |              |
| Q2487-02 | G4(10)    | Solid  | 07/01/2025     | 10:25          |               |            |        |              |              |
|          |           |        |                |                | VOC-TCLVOA-10 |            | 8260D  | 10 Bus. Days |              |
| Q2487-03 | G3(9)     | Solid  | 07/01/2025     | 10:25          |               |            |        |              |              |
|          |           |        |                |                | VOC-TCLVOA-10 |            | 8260D  | 10 Bus. Days |              |
| Q2487-04 | G3(3)     | Solid  | 07/01/2025     | 10:25          |               |            |        |              |              |
|          |           |        |                |                | VOC-TCLVOA-10 |            | 8260D  | 10 Bus. Days |              |
| Q2487-05 | G2(2.5)   | Solid  | 07/01/2025     | 10:25          |               |            |        |              |              |
|          |           |        |                |                | VOC-TCLVOA-10 |            | 8260D  | 10 Bus. Days |              |
| Q2487-06 | G2(9)     | Solid  | 07/01/2025     | 10:25          |               |            |        |              |              |
|          |           |        |                |                | VOC-TCLVOA-10 |            | 8260D  | 10 Bus. Days |              |
| Q2487-07 | G1(4.5)   | Solid  | 07/01/2025     | 10:25          |               |            |        |              |              |
|          |           |        |                |                | VOC-TCLVOA-10 |            | 8260D  | 10 Bus. Days |              |
| Q2487-08 | G1(10)    | Solid  | 07/01/2025     | 10:25          |               |            |        |              |              |

## LOGIN REPORT/SAMPLE TRANSFER

|                                                 |               |                                                   |                              |
|-------------------------------------------------|---------------|---------------------------------------------------|------------------------------|
| <b>Order ID :</b> Q2487                         | <b>WALS01</b> | <b>Order Date :</b> 7/2/2025 10:05:00 AM          | <b>Project Mgr :</b>         |
| <b>Client Name :</b> Walsh Construction Compai  |               | <b>Project Name :</b> Construction of Shafts 17B- | <b>Report Type :</b> Level 2 |
| <b>Client Contact :</b> Jesse A. Sylvestri      |               | <b>Receive DateTime :</b> 7/1/2025 4:00:00 PM     | <b>EDD Type :</b> Excel NY   |
| <b>Invoice Name :</b> Walsh Construction Compai |               | <b>Purchase Order :</b>                           | <b>Hard Copy Date :</b>      |
| <b>Invoice Contact :</b> Jesse A. Sylvestri     |               |                                                   | <b>Date Signoff :</b>        |

| LAB ID | CLIENT ID | MATRIX | SAMPLE<br>DATE | SAMPLE<br>TIME | TEST          | TEST GROUP | METHOD | FAX DATE | DUE<br>DATES |
|--------|-----------|--------|----------------|----------------|---------------|------------|--------|----------|--------------|
|        |           |        |                |                | VOC-TCLVOA-10 |            | 8260D  |          | 10 Bus. Days |

Relinquished By :

Date / Time :

CH  
7/2/25 15:45

Received By :

Date / Time :

Zam  
07/02/25 15:45 2848  
132

Storage Area : VOA Refridgerator Room