

## Cover Page

**Order ID :** Q3032

**Project ID :** 3 Coal Ave., Morristown, NJ

**Client :** Zuccaro Inc.

### Lab Sample Number

Q3032-01  
Q3032-02  
Q3032-03  
Q3032-04  
Q3032-05  
Q3032-06

### Client Sample Number

SOIL-PILE-1  
SOIL-PILE-1  
SOIL-PILE-1  
SOIL-PILE-2  
SOIL-PILE-2  
SOIL-PILE-2

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: 9/16/2025

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 #: Q3032

Completed

For thorough review, the report must have the following:

#### GENERAL:

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

✓

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

✓

Is the chain of custody signed and complete

✓

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

✓

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

✓

#### COVER PAGE:

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

✓

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

✓

#### CHAIN OF CUSTODY:

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

✓

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

✓

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

✓

Were the samples received within hold time

✓

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

✓

#### ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: MAYUR DESAI

Date: 09/16/2025

## LAB CHRONICLE

|                 |              |                   |                             |
|-----------------|--------------|-------------------|-----------------------------|
| <b>OrderID:</b> | Q3032        | <b>OrderDate:</b> | 9/5/2025 12:41:17 PM        |
| <b>Client:</b>  | Zuccaro Inc. | <b>Project:</b>   | 3 Coal Ave., Morristown, NJ |
| <b>Contact:</b> | Sal Zuccaro  | <b>Location:</b>  | D31,VOA Ref. #2 Soil        |

| LabID    | ClientID    | Matrix | Test           | Method | Sample Date | Prep Date | Anal Date | Received |
|----------|-------------|--------|----------------|--------|-------------|-----------|-----------|----------|
| Q3032-01 | SOIL-PILE-1 | SOIL   | PCB            | 8082A  | 09/05/25    | 09/08/25  | 09/08/25  | 09/05/25 |
|          |             |        | Pesticide-TCL  | 8081B  |             | 09/08/25  | 09/08/25  |          |
| Q3032-02 | SOIL-PILE-1 | TCLP   | TCLP Herbicide | 8151A  | 09/05/25    | 09/11/25  | 09/11/25  | 09/05/25 |
|          |             |        | TCLP Pesticide | 8081B  |             | 09/11/25  | 09/11/25  |          |
| Q3032-04 | SOIL-PILE-2 | SOIL   | PCB            | 8082A  | 09/05/25    | 09/08/25  | 09/08/25  | 09/05/25 |
|          |             |        | Pesticide-TCL  | 8081B  |             | 09/08/25  | 09/08/25  |          |
| Q3032-05 | SOIL-PILE-2 | TCLP   | TCLP Herbicide | 8151A  | 09/05/25    | 09/11/25  | 09/11/25  | 09/05/25 |
|          |             |        | TCLP Pesticide | 8081B  |             | 09/11/25  | 09/11/25  |          |

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

**SDG No.:** Q3032

**Order ID:** Q3032

**Client:** Zuccaro Inc.

**Project ID:** 3 Coal Ave., Morristown, NJ

| Sample ID               | Client ID   | Matrix | Parameter       | Concentration | C  | MDL  | RDL  | Units |
|-------------------------|-------------|--------|-----------------|---------------|----|------|------|-------|
| Client ID : SOIL-PILE-1 |             |        |                 |               |    |      |      |       |
| Q3032-01                | SOIL-PILE-1 | SOIL   | Dieldrin        | 0.45          | JP | 0.17 | 2.00 | ug/kg |
| Q3032-01                | SOIL-PILE-1 | SOIL   | alpha-Chlordane | 0.57          | JP | 0.14 | 2.00 | ug/kg |
| Q3032-01                | SOIL-PILE-1 | SOIL   | gamma-Chlordane | 0.31          | J  | 0.18 | 2.00 | ug/kg |
| Total Concentration:    |             |        |                 | 1.330         |    |      |      |       |
| Client ID : SOIL-PILE-2 |             |        |                 |               |    |      |      |       |
| Q3032-04                | SOIL-PILE-2 | SOIL   | 4,4-DDE         | 1.70          | J  | 0.17 | 2.00 | ug/kg |
| Q3032-04                | SOIL-PILE-2 | SOIL   | Endrin          | 1.10          | JP | 0.17 | 2.00 | ug/kg |
| Q3032-04                | SOIL-PILE-2 | SOIL   | 4,4-DDD         | 1.70          | J  | 0.18 | 2.00 | ug/kg |
| Q3032-04                | SOIL-PILE-2 | SOIL   | 4,4-DDT         | 6.90          |    | 0.17 | 2.00 | ug/kg |
| Q3032-04                | SOIL-PILE-2 | SOIL   | alpha-Chlordane | 1.10          | JP | 0.14 | 2.00 | ug/kg |
| Q3032-04                | SOIL-PILE-2 | SOIL   | gamma-Chlordane | 0.55          | JP | 0.18 | 2.00 | ug/kg |
| Total Concentration:    |             |        |                 | 13.050        |    |      |      |       |



# QC SUMMARY

### Surrogate Summary

SDG No.: **Q3032**

Client: **Zuccaro Inc.**

Analytical Method: **8081B**

| Lab Sample ID    | Client ID        | Parameter         | Column | Spike | Result | Recovery(%) | Qual | Limits(%) |           |
|------------------|------------------|-------------------|--------|-------|--------|-------------|------|-----------|-----------|
|                  |                  |                   |        |       |        |             |      | Low       | High      |
| I.BLK-PD089961.D | PIBLK-PD089961.D | Decachlorobiphen  | 1      | 20    | 19.3   | 96          |      | 30 (57)   | 150 (171) |
|                  |                  | Tetrachloro-m-xyl | 1      | 20    | 17.4   | 87          |      | 30 (61)   | 150 (148) |
|                  |                  | Decachlorobiphen  | 2      | 20    | 18.3   | 91          |      | 30 (57)   | 150 (171) |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 17.5   | 88          |      | 30 (61)   | 150 (148) |
| I.BLK-PD090182.D | PIBLK-PD090182.D | Decachlorobiphen  | 1      | 20    | 17.9   | 89          |      | 30 (57)   | 150 (171) |
|                  |                  | Tetrachloro-m-xyl | 1      | 20    | 18.6   | 93          |      | 30 (61)   | 150 (148) |
|                  |                  | Decachlorobiphen  | 2      | 20    | 16.0   | 80          |      | 30 (57)   | 150 (171) |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 20.7   | 104         |      | 30 (61)   | 150 (148) |
| Q3032-04         | SOIL-PILE-2      | Decachlorobiphen  | 1      | 20    | 8.29   | 41          |      | 30 (20)   | 150 (144) |
|                  |                  | Tetrachloro-m-xyl | 1      | 20    | 10.3   | 52          |      | 30 (19)   | 150 (148) |
|                  |                  | Decachlorobiphen  | 2      | 20    | 4.86   | 24          | *    | 30 (20)   | 150 (144) |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 11.4   | 57          |      | 30 (19)   | 150 (148) |
| PB169592BL       | PB169592BL       | Decachlorobiphen  | 1      | 20    | 15.7   | 78          |      | 30 (20)   | 150 (144) |
|                  |                  | Tetrachloro-m-xyl | 1      | 20    | 17.0   | 85          |      | 30 (19)   | 150 (148) |
|                  |                  | Decachlorobiphen  | 2      | 20    | 12.2   | 61          |      | 30 (20)   | 150 (144) |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 18.4   | 92          |      | 30 (19)   | 150 (148) |
| I.BLK-PD090194.D | PIBLK-PD090194.D | Decachlorobiphen  | 1      | 20    | 18.1   | 90          |      | 30 (57)   | 150 (171) |
|                  |                  | Tetrachloro-m-xyl | 1      | 20    | 19.0   | 95          |      | 30 (61)   | 150 (148) |
|                  |                  | Decachlorobiphen  | 2      | 20    | 14.9   | 74          |      | 30 (57)   | 150 (171) |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 20.6   | 103         |      | 30 (61)   | 150 (148) |
| I.BLK-PD090202.D | PIBLK-PD090202.D | Decachlorobiphen  | 1      | 20    | 19.0   | 95          |      | 30 (57)   | 150 (171) |
|                  |                  | Tetrachloro-m-xyl | 1      | 20    | 18.8   | 94          |      | 30 (61)   | 150 (148) |
|                  |                  | Decachlorobiphen  | 2      | 20    | 18.2   | 91          |      | 30 (57)   | 150 (171) |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 20.6   | 103         |      | 30 (61)   | 150 (148) |
| Q3032-01         | SOIL-PILE-1      | Decachlorobiphen  | 1      | 20    | 14.3   | 71          |      | 30 (20)   | 150 (144) |
|                  |                  | Tetrachloro-m-xyl | 1      | 20    | 17.1   | 86          |      | 30 (19)   | 150 (148) |
|                  |                  | Decachlorobiphen  | 2      | 20    | 12.7   | 64          |      | 30 (20)   | 150 (144) |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 17.9   | 90          |      | 30 (19)   | 150 (148) |
| Q3032-01MS       | SOIL-PILE-1MS    | Decachlorobiphen  | 1      | 20    | 13.7   | 69          |      | 30 (20)   | 150 (144) |
|                  |                  | Tetrachloro-m-xyl | 1      | 20    | 17.4   | 87          |      | 30 (19)   | 150 (148) |
|                  |                  | Decachlorobiphen  | 2      | 20    | 13.2   | 66          |      | 30 (20)   | 150 (144) |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 18.8   | 94          |      | 30 (19)   | 150 (148) |
| Q3032-01MSD      | SOIL-PILE-1MSD   | Decachlorobiphen  | 1      | 20    | 13.4   | 67          |      | 30 (20)   | 150 (144) |
|                  |                  | Tetrachloro-m-xyl | 1      | 20    | 17.5   | 87          |      | 30 (19)   | 150 (148) |
|                  |                  | Decachlorobiphen  | 2      | 20    | 12.9   | 65          |      | 30 (20)   | 150 (144) |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 18.8   | 94          |      | 30 (19)   | 150 (148) |
| I.BLK-PD090208.D | PIBLK-PD090208.D | Decachlorobiphen  | 1      | 20    | 17.8   | 89          |      | 30 (57)   | 150 (171) |
|                  |                  | Tetrachloro-m-xyl | 1      | 20    | 18.8   | 94          |      | 30 (61)   | 150 (148) |
|                  |                  | Decachlorobiphen  | 2      | 20    | 16.6   | 83          |      | 30 (57)   | 150 (171) |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 20.6   | 103         |      | 30 (61)   | 150 (148) |
| I.BLK-PD090211.D | PIBLK-PD090211.D | Decachlorobiphen  | 1      | 20    | 19.6   | 98          |      | 30 (57)   | 150 (171) |

() = LABORATORY INHOUSE LIMIT

### Surrogate Summary

SDG No.: Q3032

Client: Zuccaro Inc.

Analytical Method: 8081B

| Lab Sample ID    | Client ID        | Parameter         | Column | Spike | Result | Recovery(%) | Qual | Limits(%) |           |
|------------------|------------------|-------------------|--------|-------|--------|-------------|------|-----------|-----------|
|                  |                  |                   |        |       |        |             |      | Low       | High      |
| I.BLK-PD090211.D | PIBLK-PD090211.D | Tetrachloro-m-xyl | 1      | 20    | 19.4   | 97          |      | 30 (61)   | 150 (148) |
|                  |                  | Decachlorobiphen  | 2      | 20    | 19.8   | 99          |      | 30 (57)   | 150 (171) |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 22.2   | 111         |      | 30 (61)   | 150 (148) |
| PB169592BS       | PB169592BS       | Decachlorobiphen  | 1      | 20    | 24.2   | 121         |      | 30 (20)   | 150 (144) |
|                  |                  | Tetrachloro-m-xyl | 1      | 20    | 24.9   | 124         |      | 30 (19)   | 150 (148) |
|                  |                  | Decachlorobiphen  | 2      | 20    | 24.3   | 122         |      | 30 (20)   | 150 (144) |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 24.9   | 125         |      | 30 (19)   | 150 (148) |
|                  |                  | Decachlorobiphen  | 1      | 20    | 20.8   | 104         |      | 30 (57)   | 150 (171) |
| I.BLK-PD090216.D | PIBLK-PD090216.D | Tetrachloro-m-xyl | 1      | 20    | 20.2   | 101         |      | 30 (61)   | 150 (148) |
|                  |                  | Decachlorobiphen  | 2      | 20    | 21.2   | 106         |      | 30 (57)   | 150 (171) |
|                  |                  | Tetrachloro-m-xyl | 2      | 20    | 21.8   | 109         |      | 30 (61)   | 150 (148) |
|                  |                  | Decachlorobiphen  | 1      | 20    | 20.8   | 104         |      | 30 (57)   | 150 (171) |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

|                 |                     |                           |                   |
|-----------------|---------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q3032</u>        | <b>Analytical Method:</b> | <u>8081B</u>      |
| <b>Client:</b>  | <u>Zuccaro Inc.</u> | <b>DataFile :</b>         | <u>PD090206.D</u> |

|                | Parameter                | Spike             | Sample        |      | Units | Rec | Rec Qual | RPD | RPD Qual | Low     | Limits    |  | RPD |
|----------------|--------------------------|-------------------|---------------|------|-------|-----|----------|-----|----------|---------|-----------|--|-----|
|                |                          |                   | Result        |      |       |     |          |     |          |         | High      |  |     |
| Lab Sample ID: | Q3032-01MS<br>(Column 1) | Client Sample ID: | SOIL-PILE-1MS |      |       |     |          |     |          |         |           |  |     |
|                | alpha-BHC                | 20.02             | 0             | 19.3 | ug/kg | 96  |          |     |          | 30 (60) | 150 (144) |  |     |
|                | beta-BHC                 | 20.02             | 0             | 18.0 | ug/kg | 90  |          |     |          | 30 (54) | 150 (143) |  |     |
|                | delta-BHC                | 20.02             | 0             | 20.3 | ug/kg | 101 |          |     |          | 30 (29) | 150 (151) |  |     |
|                | gamma-BHC (Lindane)      | 20.02             | 0             | 19.6 | ug/kg | 98  |          |     |          | 30 (61) | 150 (140) |  |     |
|                | Heptachlor               | 20.02             | 0             | 18.0 | ug/kg | 90  |          |     |          | 30 (63) | 150 (135) |  |     |
|                | Aldrin                   | 20.02             | 0             | 19.1 | ug/kg | 95  |          |     |          | 30 (49) | 150 (139) |  |     |
|                | Heptachlor epoxide       | 20.02             | 0             | 18.7 | ug/kg | 93  |          |     |          | 30 (41) | 150 (156) |  |     |
|                | Endosulfan I             | 20.02             | 0             | 18.8 | ug/kg | 94  |          |     |          | 30 (56) | 150 (142) |  |     |
|                | Dieldrin                 | 20.02             | 0.18          | 18.6 | ug/kg | 92  |          |     |          | 30 (47) | 150 (161) |  |     |
|                | 4,4'-DDE                 | 20.02             | 0             | 17.9 | ug/kg | 89  |          |     |          | 30 (55) | 150 (136) |  |     |
|                | Endrin                   | 20.02             | 0             | 18.1 | ug/kg | 90  |          |     |          | 30 (57) | 150 (139) |  |     |
|                | Endosulfan II            | 20.02             | 0             | 17.7 | ug/kg | 88  |          |     |          | 30 (40) | 150 (163) |  |     |
|                | 4,4'-DDD                 | 20.02             | 0             | 19.1 | ug/kg | 95  |          |     |          | 30 (47) | 150 (163) |  |     |
|                | Endosulfan sulfate       | 20.02             | 0             | 17.3 | ug/kg | 86  |          |     |          | 30 (62) | 150 (139) |  |     |
|                | 4,4'-DDT                 | 20.02             | 0             | 16.2 | ug/kg | 81  |          |     |          | 30 (51) | 150 (146) |  |     |
|                | Methoxychlor             | 20.02             | 0             | 14.6 | ug/kg | 73  |          |     |          | 30 (54) | 150 (136) |  |     |
|                | Endrin ketone            | 20.02             | 0             | 17.4 | ug/kg | 87  |          |     |          | 30 (60) | 150 (129) |  |     |
|                | Endrin aldehyde          | 20.02             | 0             | 18.8 | ug/kg | 94  |          |     |          | 30 (59) | 150 (132) |  |     |
|                | alpha-Chlordane          | 20.02             | 0.57          | 19.0 | ug/kg | 92  |          |     |          | 30 (39) | 150 (166) |  |     |
|                | gamma-Chlordane          | 20.02             | 0.29          | 18.7 | ug/kg | 92  |          |     |          | 30 (44) | 150 (175) |  |     |
| Lab Sample ID: | Q3032-01MS<br>(Column 2) | Client Sample ID: | SOIL-PILE-1MS |      |       |     |          |     |          |         |           |  |     |
|                | alpha-BHC                | 20.02             | 0             | 19.3 | ug/kg | 96  |          |     |          | 30 (60) | 150 (144) |  |     |
|                | beta-BHC                 | 20.02             | 0             | 24.7 | ug/kg | 123 |          |     |          | 30 (54) | 150 (143) |  |     |
|                | delta-BHC                | 20.02             | 0             | 18.9 | ug/kg | 94  |          |     |          | 30 (29) | 150 (151) |  |     |
|                | gamma-BHC (Lindane)      | 20.02             | 0             | 19.2 | ug/kg | 96  |          |     |          | 30 (61) | 150 (140) |  |     |
|                | Heptachlor               | 20.02             | 0             | 18.5 | ug/kg | 92  |          |     |          | 30 (63) | 150 (135) |  |     |
|                | Aldrin                   | 20.02             | 0             | 19.0 | ug/kg | 95  |          |     |          | 30 (49) | 150 (139) |  |     |
|                | Heptachlor epoxide       | 20.02             | 0             | 18.9 | ug/kg | 94  |          |     |          | 30 (41) | 150 (156) |  |     |
|                | Endosulfan I             | 20.02             | 0             | 17.6 | ug/kg | 88  |          |     |          | 30 (56) | 150 (142) |  |     |
|                | Dieldrin                 | 20.02             | 0.45          | 19.3 | ug/kg | 94  |          |     |          | 30 (47) | 150 (161) |  |     |
|                | 4,4'-DDE                 | 20.02             | 0             | 18.7 | ug/kg | 93  |          |     |          | 30 (55) | 150 (136) |  |     |
|                | Endrin                   | 20.02             | 0             | 18.4 | ug/kg | 92  |          |     |          | 30 (57) | 150 (139) |  |     |
|                | Endosulfan II            | 20.02             | 0             | 18.3 | ug/kg | 91  |          |     |          | 30 (40) | 150 (163) |  |     |
|                | 4,4'-DDD                 | 20.02             | 0             | 17.8 | ug/kg | 89  |          |     |          | 30 (47) | 150 (163) |  |     |
|                | Endosulfan sulfate       | 20.02             | 0             | 17.2 | ug/kg | 86  |          |     |          | 30 (62) | 150 (139) |  |     |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

|                 |                     |                           |                   |
|-----------------|---------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q3032</u>        | <b>Analytical Method:</b> | <u>8081B</u>      |
| <b>Client:</b>  | <u>Zuccaro Inc.</u> | <b>DataFile :</b>         | <u>PD090206.D</u> |

| Parameter       | Spike | Sample |        | Units | Rec | Rec<br>Qual | RPD | RPD<br>Qual | Low     | Limits    |     |
|-----------------|-------|--------|--------|-------|-----|-------------|-----|-------------|---------|-----------|-----|
|                 |       | Result | Result |       |     |             |     |             |         | High      | RPD |
| 4,4'-DDT        | 20.02 | 0      | 16.6   | ug/kg | 83  |             |     |             | 30 (51) | 150 (146) |     |
| Methoxychlor    | 20.02 | 0      | 15.5   | ug/kg | 77  |             |     |             | 30 (54) | 150 (136) |     |
| Endrin ketone   | 20.02 | 0      | 16.3   | ug/kg | 81  |             |     |             | 30 (60) | 150 (129) |     |
| Endrin aldehyde | 20.02 | 0      | 18.8   | ug/kg | 94  |             |     |             | 30 (59) | 150 (132) |     |
| alpha-Chlordane | 20.02 | 0.26   | 19.2   | ug/kg | 95  |             |     |             | 30 (39) | 150 (166) |     |
| gamma-Chlordane | 20.02 | 0.31   | 19.5   | ug/kg | 96  |             |     |             | 30 (44) | 150 (175) |     |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

|                 |                     |                           |                   |
|-----------------|---------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q3032</u>        | <b>Analytical Method:</b> | <u>8081B</u>      |
| <b>Client:</b>  | <u>Zuccaro Inc.</u> | <b>DataFile :</b>         | <u>PD090207.D</u> |

|                | Parameter                 | Spike             | Sample         |      | Units | Rec | Rec  | RPD |      | Low     | Limits    | RPD     |
|----------------|---------------------------|-------------------|----------------|------|-------|-----|------|-----|------|---------|-----------|---------|
|                |                           |                   | Result         |      |       |     | Qual | RPD | Qual |         | High      |         |
| Lab Sample ID: | Q3032-01MSD<br>(Column 1) | Client Sample ID: | SOIL-PILE-1MSD |      |       |     |      |     |      |         |           |         |
|                | alpha-BHC                 | 20.04             | 0              | 19.3 | ug/kg | 96  |      | 0   |      | 30 (60) | 150 (144) | 30 (20) |
|                | beta-BHC                  | 20.04             | 0              | 18.0 | ug/kg | 90  |      | 0   |      | 30 (54) | 150 (143) | 30 (20) |
|                | delta-BHC                 | 20.04             | 0              | 20.6 | ug/kg | 103 |      | 2   |      | 30 (29) | 150 (151) | 30 (20) |
|                | gamma-BHC (Lindane)       | 20.04             | 0              | 19.6 | ug/kg | 98  |      | 0   |      | 30 (61) | 150 (140) | 30 (20) |
|                | Heptachlor                | 20.04             | 0              | 18.1 | ug/kg | 90  |      | 0   |      | 30 (63) | 150 (135) | 30 (20) |
|                | Aldrin                    | 20.04             | 0              | 18.9 | ug/kg | 94  |      | 1   |      | 30 (49) | 150 (139) | 30 (20) |
|                | Heptachlor epoxide        | 20.04             | 0              | 18.7 | ug/kg | 93  |      | 0   |      | 30 (41) | 150 (156) | 30 (20) |
|                | Endosulfan I              | 20.04             | 0              | 18.7 | ug/kg | 93  |      | 1   |      | 30 (56) | 150 (142) | 30 (20) |
|                | Dieldrin                  | 20.04             | 0.18           | 18.6 | ug/kg | 92  |      | 0   |      | 30 (47) | 150 (161) | 30 (20) |
|                | 4,4'-DDE                  | 20.04             | 0              | 17.9 | ug/kg | 89  |      | 0   |      | 30 (55) | 150 (136) | 30 (20) |
|                | Endrin                    | 20.04             | 0              | 18.0 | ug/kg | 90  |      | 0   |      | 30 (57) | 150 (139) | 30 (20) |
|                | Endosulfan II             | 20.04             | 0              | 17.6 | ug/kg | 88  |      | 0   |      | 30 (40) | 150 (163) | 30 (20) |
|                | 4,4'-DDD                  | 20.04             | 0              | 19.0 | ug/kg | 95  |      | 0   |      | 30 (47) | 150 (163) | 30 (20) |
|                | Endosulfan sulfate        | 20.04             | 0              | 17.1 | ug/kg | 85  |      | 1   |      | 30 (62) | 150 (139) | 30 (20) |
|                | 4,4'-DDT                  | 20.04             | 0              | 16.4 | ug/kg | 82  |      | 1   |      | 30 (51) | 150 (146) | 30 (20) |
|                | Methoxychlor              | 20.04             | 0              | 14.5 | ug/kg | 72  |      | 1   |      | 30 (54) | 150 (136) | 30 (20) |
|                | Endrin ketone             | 20.04             | 0              | 17.3 | ug/kg | 86  |      | 1   |      | 30 (60) | 150 (129) | 30 (20) |
|                | Endrin aldehyde           | 20.04             | 0              | 18.7 | ug/kg | 93  |      | 1   |      | 30 (59) | 150 (132) | 30 (20) |
|                | alpha-Chlordane           | 20.04             | 0.57           | 18.8 | ug/kg | 91  |      | 1   |      | 30 (39) | 150 (166) | 30 (20) |
|                | gamma-Chlordane           | 20.04             | 0.29           | 18.4 | ug/kg | 90  |      | 2   |      | 30 (44) | 150 (175) | 30 (20) |
| Lab Sample ID: | Q3032-01MSD<br>(Column 2) | Client Sample ID: | SOIL-PILE-1MSD |      |       |     |      |     |      |         |           |         |
|                | alpha-BHC                 | 20.04             | 0              | 19.3 | ug/kg | 96  |      | 0   |      | 30 (60) | 150 (144) | 30 (20) |
|                | beta-BHC                  | 20.04             | 0              | 24.7 | ug/kg | 123 |      | 0   |      | 30 (54) | 150 (143) | 30 (20) |
|                | delta-BHC                 | 20.04             | 0              | 18.8 | ug/kg | 94  |      | 0   |      | 30 (29) | 150 (151) | 30 (20) |
|                | gamma-BHC (Lindane)       | 20.04             | 0              | 19.2 | ug/kg | 96  |      | 0   |      | 30 (61) | 150 (140) | 30 (20) |
|                | Heptachlor                | 20.04             | 0              | 18.5 | ug/kg | 92  |      | 0   |      | 30 (63) | 150 (135) | 30 (20) |
|                | Aldrin                    | 20.04             | 0              | 19.0 | ug/kg | 95  |      | 0   |      | 30 (49) | 150 (139) | 30 (20) |
|                | Heptachlor epoxide        | 20.04             | 0              | 19.0 | ug/kg | 95  |      | 1   |      | 30 (41) | 150 (156) | 30 (20) |
|                | Endosulfan I              | 20.04             | 0              | 17.5 | ug/kg | 87  |      | 1   |      | 30 (56) | 150 (142) | 30 (20) |
|                | Dieldrin                  | 20.04             | 0.45           | 19.2 | ug/kg | 94  |      | 0   |      | 30 (47) | 150 (161) | 30 (20) |
|                | 4,4'-DDE                  | 20.04             | 0              | 18.6 | ug/kg | 93  |      | 0   |      | 30 (55) | 150 (136) | 30 (20) |
|                | Endrin                    | 20.04             | 0              | 18.2 | ug/kg | 91  |      | 1   |      | 30 (57) | 150 (139) | 30 (20) |
|                | Endosulfan II             | 20.04             | 0              | 18.1 | ug/kg | 90  |      | 1   |      | 30 (40) | 150 (163) | 30 (20) |
|                | 4,4'-DDD                  | 20.04             | 0              | 17.7 | ug/kg | 88  |      | 1   |      | 30 (47) | 150 (163) | 30 (20) |
|                | Endosulfan sulfate        | 20.04             | 0              | 17.0 | ug/kg | 85  |      | 1   |      | 30 (62) | 150 (139) | 30 (20) |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

|                 |                     |                           |                   |
|-----------------|---------------------|---------------------------|-------------------|
| <b>SDG No.:</b> | <u>Q3032</u>        | <b>Analytical Method:</b> | <u>8081B</u>      |
| <b>Client:</b>  | <u>Zuccaro Inc.</u> | <b>DataFile :</b>         | <u>PD090207.D</u> |

| Parameter       | Spike | Sample |        | Units | Rec | Rec Qual | RPD | RPD Qual | Low     | Limits    |         |
|-----------------|-------|--------|--------|-------|-----|----------|-----|----------|---------|-----------|---------|
|                 |       | Result | Result |       |     |          |     |          |         | High      | RPD     |
| 4,4'-DDT        | 20.04 | 0      | 16.5   | ug/kg | 82  |          | 1   |          | 30 (51) | 150 (146) | 30 (20) |
| Methoxychlor    | 20.04 | 0      | 15.3   | ug/kg | 76  |          | 1   |          | 30 (54) | 150 (136) | 30 (20) |
| Endrin ketone   | 20.04 | 0      | 16.0   | ug/kg | 80  |          | 1   |          | 30 (60) | 150 (129) | 30 (20) |
| Endrin aldehyde | 20.04 | 0      | 18.5   | ug/kg | 92  |          | 2   |          | 30 (59) | 150 (132) | 30 (20) |
| alpha-Chlordane | 20.04 | 0.26   | 19.1   | ug/kg | 94  |          | 1   |          | 30 (39) | 150 (166) | 30 (20) |
| gamma-Chlordane | 20.04 | 0.31   | 19.6   | ug/kg | 96  |          | 0   |          | 30 (44) | 150 (175) | 30 (20) |

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

**SW-846**

|                 |              |                           |            |
|-----------------|--------------|---------------------------|------------|
| <b>SDG No.:</b> | Q3032        | <b>Analytical Method:</b> | 8081B      |
| <b>Client:</b>  | Zuccaro Inc. | <b>Datafile :</b>         | PD090215.D |

| Lab Sample ID            | Parameter           | Spike | Result | Units | Rec | RPD | Qual | RPD  |         | Limits    |     |
|--------------------------|---------------------|-------|--------|-------|-----|-----|------|------|---------|-----------|-----|
|                          |                     |       |        |       |     |     |      | Qual | Low     | High      | RPD |
| PB169592BS<br>(Column 1) | alpha-BHC           | 16.66 | 16.8   | ug/kg | 101 |     |      |      | 40 (84) | 140 (123) |     |
|                          | beta-BHC            | 16.66 | 16.3   | ug/kg | 98  |     |      |      | 40 (82) | 140 (123) |     |
|                          | delta-BHC           | 16.66 | 15.4   | ug/kg | 92  |     |      |      | 40 (83) | 140 (126) |     |
|                          | gamma-BHC (Lindane) | 16.66 | 16.6   | ug/kg | 100 |     |      |      | 40 (83) | 140 (125) |     |
|                          | Heptachlor          | 16.66 | 15.9   | ug/kg | 95  |     |      |      | 40 (83) | 140 (122) |     |
|                          | Aldrin              | 16.66 | 17.2   | ug/kg | 103 |     |      |      | 40 (82) | 140 (124) |     |
|                          | Heptachlor epoxide  | 16.66 | 16.9   | ug/kg | 101 |     |      |      | 40 (83) | 140 (120) |     |
|                          | Endosulfan I        | 16.66 | 17.0   | ug/kg | 102 |     |      |      | 40 (81) | 140 (124) |     |
|                          | Dieldrin            | 16.66 | 17.2   | ug/kg | 103 |     |      |      | 40 (85) | 140 (121) |     |
|                          | 4,4'-DDE            | 16.66 | 17.3   | ug/kg | 104 |     |      |      | 40 (81) | 140 (123) |     |
|                          | Endrin              | 16.66 | 13.5   | ug/kg | 81  |     |      |      | 40 (76) | 140 (130) |     |
|                          | Endosulfan II       | 16.66 | 16.8   | ug/kg | 101 |     |      |      | 40 (80) | 140 (125) |     |
|                          | 4,4'-DDD            | 16.66 | 18.1   | ug/kg | 109 |     |      |      | 40 (80) | 140 (131) |     |
|                          | Endosulfan sulfate  | 16.66 | 16.3   | ug/kg | 98  |     |      |      | 40 (81) | 140 (122) |     |
|                          | 4,4'-DDT            | 16.66 | 12.5   | ug/kg | 75  |     |      |      | 40 (70) | 140 (129) |     |
|                          | Methoxychlor        | 16.66 | 12.6   | ug/kg | 76  |     |      |      | 40 (60) | 140 (119) |     |
|                          | Endrin ketone       | 16.66 | 18.2   | ug/kg | 109 |     |      |      | 40 (77) | 140 (132) |     |
|                          | Endrin aldehyde     | 16.66 | 18.7   | ug/kg | 112 |     |      |      | 40 (79) | 140 (124) |     |
|                          | alpha-Chlordane     | 16.66 | 17.0   | ug/kg | 102 |     |      |      | 40 (84) | 140 (120) |     |
|                          | gamma-Chlordane     | 16.66 | 17.1   | ug/kg | 103 |     |      |      | 40 (83) | 140 (122) |     |
| PB169592BS<br>(Column 2) | alpha-BHC           | 16.66 | 16.9   | ug/kg | 101 |     |      |      | 40 (84) | 140 (123) |     |
|                          | beta-BHC            | 16.66 | 16.8   | ug/kg | 101 |     |      |      | 40 (82) | 140 (123) |     |
|                          | delta-BHC           | 16.66 | 14.4   | ug/kg | 86  |     |      |      | 40 (83) | 140 (126) |     |
|                          | gamma-BHC (Lindane) | 16.66 | 16.9   | ug/kg | 101 |     |      |      | 40 (83) | 140 (125) |     |
|                          | Heptachlor          | 16.66 | 15.8   | ug/kg | 95  |     |      |      | 40 (83) | 140 (122) |     |
|                          | Aldrin              | 16.66 | 17.1   | ug/kg | 103 |     |      |      | 40 (82) | 140 (124) |     |
|                          | Heptachlor epoxide  | 16.66 | 17.0   | ug/kg | 102 |     |      |      | 40 (83) | 140 (120) |     |
|                          | Endosulfan I        | 16.66 | 17.1   | ug/kg | 103 |     |      |      | 40 (81) | 140 (124) |     |
|                          | Dieldrin            | 16.66 | 17.3   | ug/kg | 104 |     |      |      | 40 (85) | 140 (121) |     |
|                          | 4,4'-DDE            | 16.66 | 17.3   | ug/kg | 104 |     |      |      | 40 (81) | 140 (123) |     |
|                          | Endrin              | 16.66 | 14.1   | ug/kg | 85  |     |      |      | 40 (76) | 140 (130) |     |
|                          | Endosulfan II       | 16.66 | 17.3   | ug/kg | 104 |     |      |      | 40 (80) | 140 (125) |     |
|                          | 4,4'-DDD            | 16.66 | 18.6   | ug/kg | 112 |     |      |      | 40 (80) | 140 (131) |     |
|                          | Endosulfan sulfate  | 16.66 | 16.7   | ug/kg | 100 |     |      |      | 40 (81) | 140 (122) |     |
|                          | 4,4'-DDT            | 16.66 | 14.3   | ug/kg | 86  |     |      |      | 40 (70) | 140 (129) |     |
|                          | Methoxychlor        | 16.66 | 13.5   | ug/kg | 81  |     |      |      | 40 (60) | 140 (119) |     |
|                          | Endrin ketone       | 16.66 | 18.9   | ug/kg | 113 |     |      |      | 40 (77) | 140 (132) |     |
|                          | Endrin aldehyde     | 16.66 | 19.4   | ug/kg | 116 |     |      |      | 40 (79) | 140 (124) |     |
|                          | alpha-Chlordane     | 16.66 | 17.1   | ug/kg | 103 |     |      |      | 40 (84) | 140 (120) |     |
|                          | gamma-Chlordane     | 16.66 | 17.3   | ug/kg | 104 |     |      |      | 40 (83) | 140 (122) |     |

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB169592BL

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Lab Sample ID: PB169592BL

Lab File ID: PD090192.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 09/08/2025

Date Analyzed (1): 09/08/2025

Date Analyzed (2): 09/08/2025

Time Analyzed (1): 15:25

Time Analyzed (2): 15:25

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 |
|-------------------|------------------|----------------|--------------------|--------------------|
| SOIL-PILE-2       | Q3032-04         | PD090191.D     | 09/08/2025         | 09/08/2025         |
| SOIL-PILE-1       | Q3032-01         | PD090205.D     | 09/08/2025         | 09/08/2025         |
| SOIL-PILE-1MS     | Q3032-01MS       | PD090206.D     | 09/08/2025         | 09/08/2025         |
| SOIL-PILE-1MSD    | Q3032-01MSD      | PD090207.D     | 09/08/2025         | 09/08/2025         |
| PB169592BS        | PB169592BS       | PD090215.D     | 09/09/2025         | 09/09/2025         |

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



# SAMPLE DATA

## Report of Analysis

|                    |                             |                    |                     |
|--------------------|-----------------------------|--------------------|---------------------|
| Client:            | Zuccaro Inc.                | Date Collected:    | 09/05/25            |
| Project:           | 3 Coal Ave., Morristown, NJ | Date Received:     | 09/05/25            |
| Client Sample ID:  | SOIL-PILE-1                 | SDG No.:           | Q3032               |
| Lab Sample ID:     | Q3032-01                    | Matrix:            | SOIL                |
| Analytical Method: | 8081B                       | % Solid:           | 83.1      Decanted: |
| Sample Wt/Vol:     | 30.03      Units:    g      | Final Vol:         | 10000      uL       |
| Soil Aliquot Vol:  | uL                          | Test:              | Pesticide-TCL       |
| Extraction Type:   |                             | Injection Volume : |                     |
| GPC Factor :       | 1.0      PH :               |                    |                     |
| Prep Method :      | SW3541B                     |                    |                     |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PD090205.D        | 1         | 09/08/25 09:00 | 09/08/25 19:47 | PB169592      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|---------------------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |                     |            |                   |
| 319-84-6          | alpha-BHC            | 0.16  | U         | 0.16                | 2.00       | ug/kg             |
| 319-85-7          | beta-BHC             | 0.22  | U         | 0.22                | 2.00       | ug/kg             |
| 319-86-8          | delta-BHC            | 0.47  | U         | 0.47                | 2.00       | ug/kg             |
| 58-89-9           | gamma-BHC (Lindane)  | 0.17  | U         | 0.17                | 2.00       | ug/kg             |
| 76-44-8           | Heptachlor           | 0.14  | U         | 0.14                | 2.00       | ug/kg             |
| 309-00-2          | Aldrin               | 0.14  | U         | 0.14                | 2.00       | ug/kg             |
| 1024-57-3         | Heptachlor epoxide   | 0.23  | U         | 0.23                | 2.00       | ug/kg             |
| 959-98-8          | Endosulfan I         | 0.17  | U         | 0.17                | 2.00       | ug/kg             |
| 60-57-1           | Dieldrin             | 0.45  | JP        | 0.17                | 2.00       | ug/kg             |
| 72-55-9           | 4,4-DDE              | 0.17  | U         | 0.17                | 2.00       | ug/kg             |
| 72-20-8           | Endrin               | 0.17  | U         | 0.17                | 2.00       | ug/kg             |
| 33213-65-9        | Endosulfan II        | 0.35  | U         | 0.35                | 2.00       | ug/kg             |
| 72-54-8           | 4,4-DDD              | 0.18  | U         | 0.18                | 2.00       | ug/kg             |
| 1031-07-8         | Endosulfan Sulfate   | 0.16  | U         | 0.16                | 2.00       | ug/kg             |
| 50-29-3           | 4,4-DDT              | 0.17  | U         | 0.17                | 2.00       | ug/kg             |
| 72-43-5           | Methoxychlor         | 0.44  | U         | 0.44                | 2.00       | ug/kg             |
| 53494-70-5        | Endrin ketone        | 0.23  | U         | 0.23                | 2.00       | ug/kg             |
| 7421-93-4         | Endrin aldehyde      | 0.44  | U         | 0.44                | 2.00       | ug/kg             |
| 5103-71-9         | alpha-Chlordane      | 0.57  | JP        | 0.14                | 2.00       | ug/kg             |
| 5103-74-2         | gamma-Chlordane      | 0.31  | J         | 0.18                | 2.00       | ug/kg             |
| 8001-35-2         | Toxaphene            | 6.50  | U         | 6.50                | 39.7       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |                     |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 14.3  |           | 30 (20) - 150 (144) | 71%        | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 17.9  |           | 30 (19) - 150 (148) | 90%        | SPK: 20           |

## Report of Analysis

|                    |                             |                    |                     |
|--------------------|-----------------------------|--------------------|---------------------|
| Client:            | Zuccaro Inc.                | Date Collected:    | 09/05/25            |
| Project:           | 3 Coal Ave., Morristown, NJ | Date Received:     | 09/05/25            |
| Client Sample ID:  | SOIL-PILE-1                 | SDG No.:           | Q3032               |
| Lab Sample ID:     | Q3032-01                    | Matrix:            | SOIL                |
| Analytical Method: | 8081B                       | % Solid:           | 83.1      Decanted: |
| Sample Wt/Vol:     | 30.03      Units:    g      | Final Vol:         | 10000      uL       |
| Soil Aliquot Vol:  | uL                          | Test:              | Pesticide-TCL       |
| Extraction Type:   |                             | Injection Volume : |                     |
| GPC Factor :       | 1.0      PH :               |                    |                     |
| Prep Method :      | SW3541B                     |                    |                     |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PD090205.D        | 1         | 09/08/25 09:00 | 09/08/25 19:47 | PB169592      |

| 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\PD090825\  
 Data File : PD090205.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Sep 2025 19:47  
 Operator : AR\AJ  
 Sample : Q3032-01 (Sig #1); Q3023-01 (Sig #2)  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 SOIL-PILE-1

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 09 01:44:19 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 19 13:16:54 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 | 2.876 | 50325464 | 395.0E6  | 17.148  | 17.912m |
| 28) SA Decachlor...         | 9.066 | 8.063 | 61558085 | 329.1E6  | 14.263m | 12.713  |
| Target Compounds            |       |       |          |          |         |         |
| 10) B gamma-Chl...          | 5.941 | 5.117 | 3575224  | 22775748 | 0.731m  | 0.769m  |
| 11) B alpha-Chl...          | 6.027 | 5.181 | 7010763  | 18165905 | 1.424   | 0.637m# |
| 13) MA Dieldrin             | 6.341 | 5.504 | 2273263  | 33104727 | 0.464m  | 1.130m# |
| -----                       |       |       |          |          |         |         |

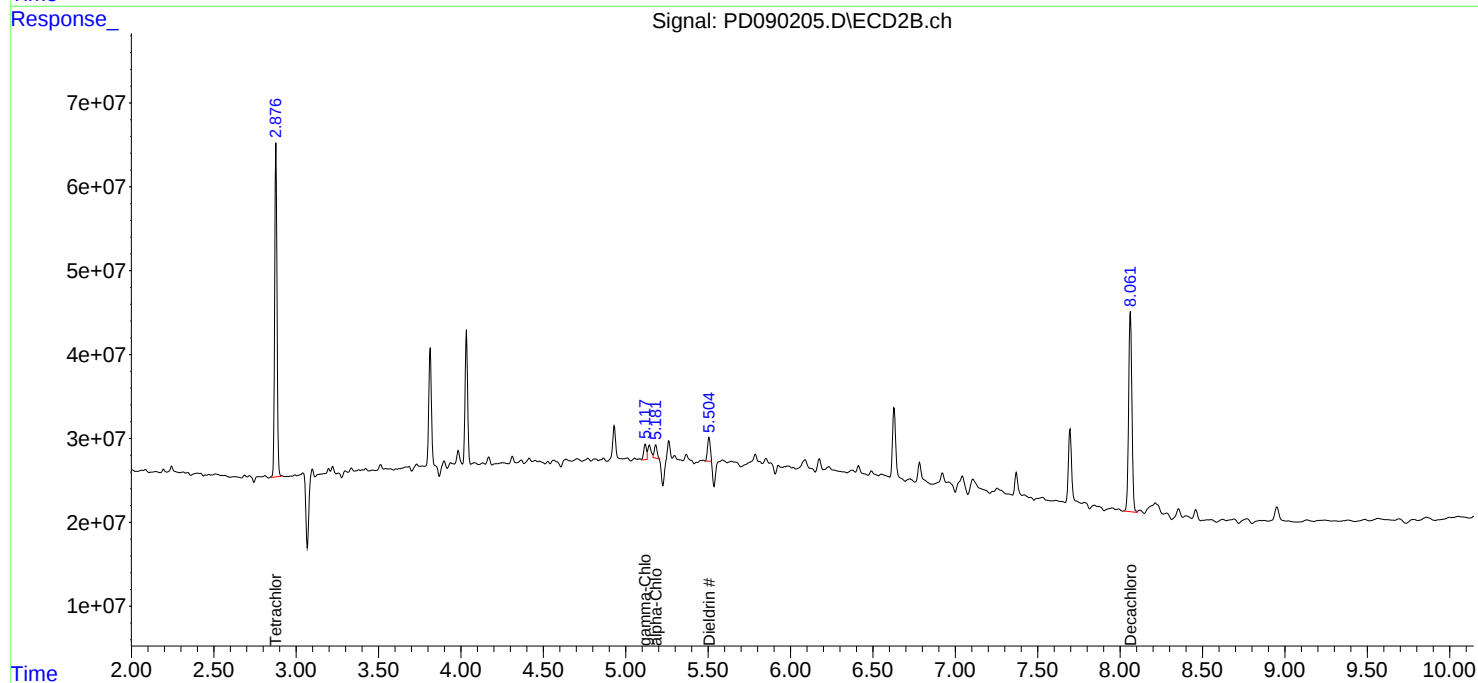
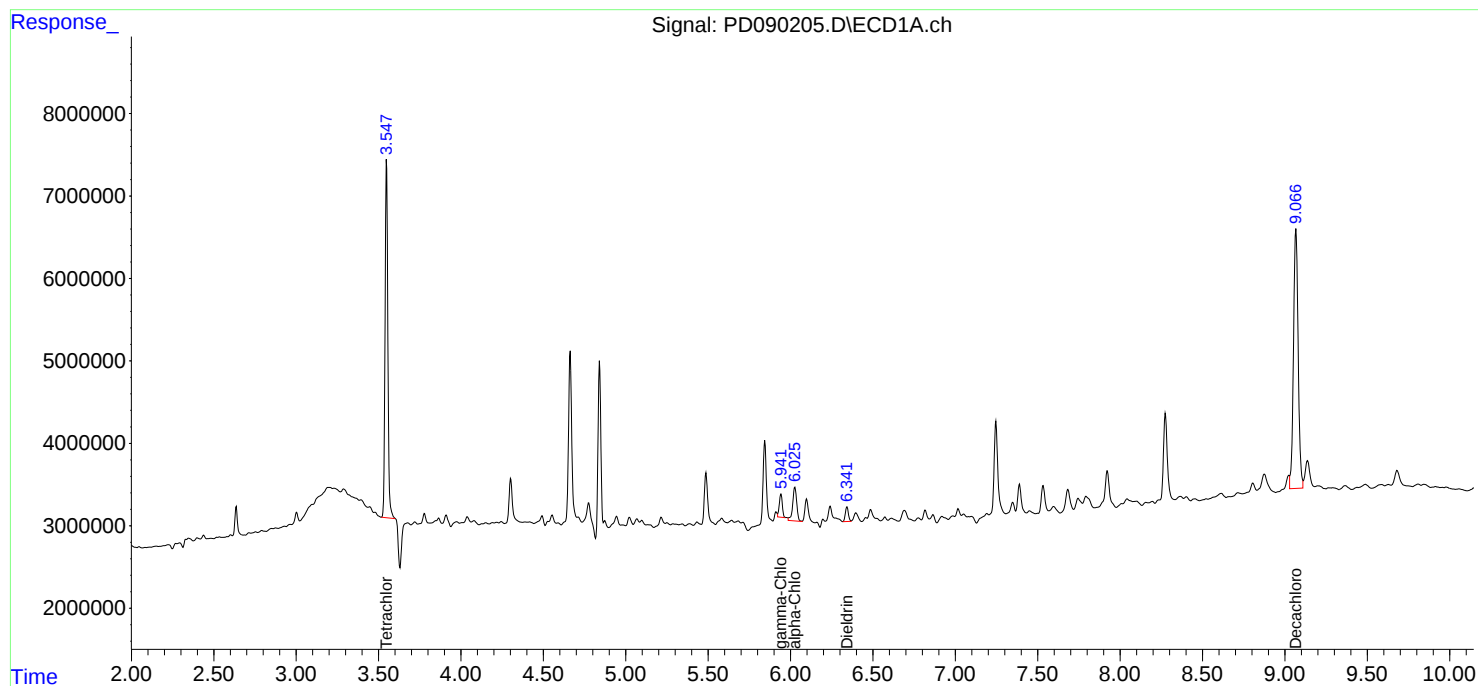
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

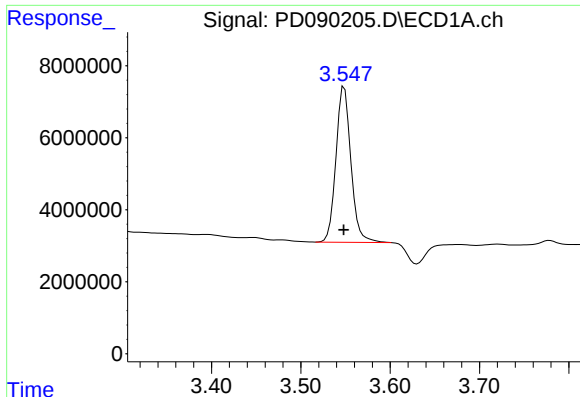
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090825\  
Data File : PD090205.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Sep 2025 19:47  
Operator : AR\AJ  
Sample : Q3032-01 (Sig #1); Q3023-01 (Sig #2)  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
SOIL-PILE-1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 09 01:44:19 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 13:16:54 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

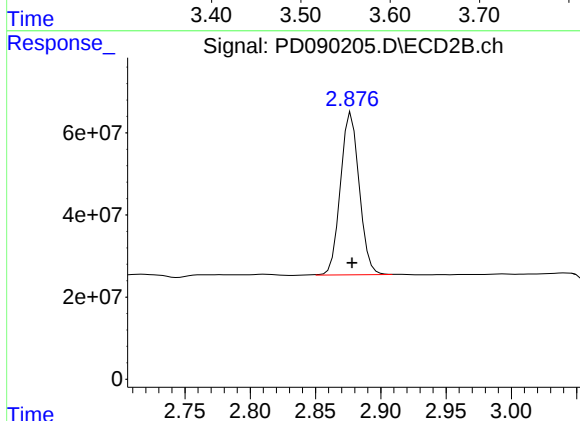




## #1 Tetrachloro-m-xylene

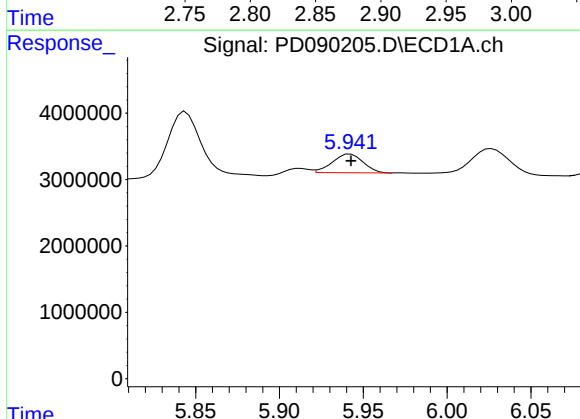
R.T.: 3.549 min  
Delta R.T.: 0.000 min  
Response: 50325464  
Conc: 17.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
SOIL-PILE-1



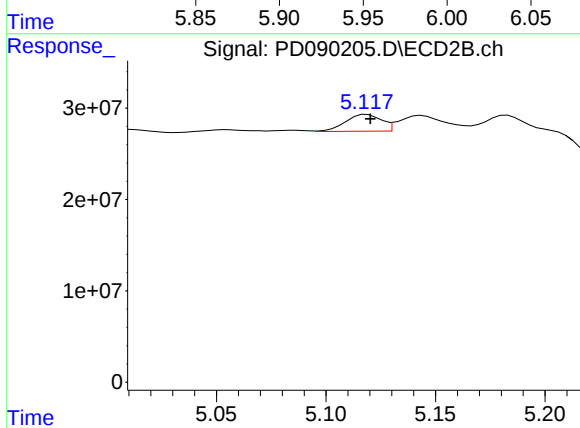
## #1 Tetrachloro-m-xylene

R.T.: 2.876 min  
Delta R.T.: -0.002 min  
Response: 394967506  
Conc: 17.91 ng/ml m



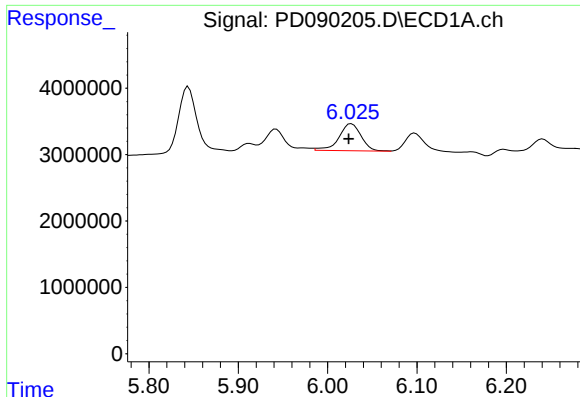
## #10 gamma-Chlordane

R.T.: 5.941 min  
Delta R.T.: -0.002 min  
Response: 3575224  
Conc: 0.73 ng/ml m



## #10 gamma-Chlordane

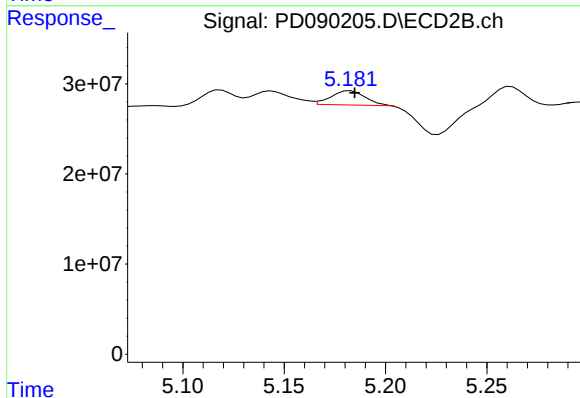
R.T.: 5.117 min  
Delta R.T.: -0.003 min  
Response: 22775748  
Conc: 0.77 ng/ml m



#11 alpha-Chlordane

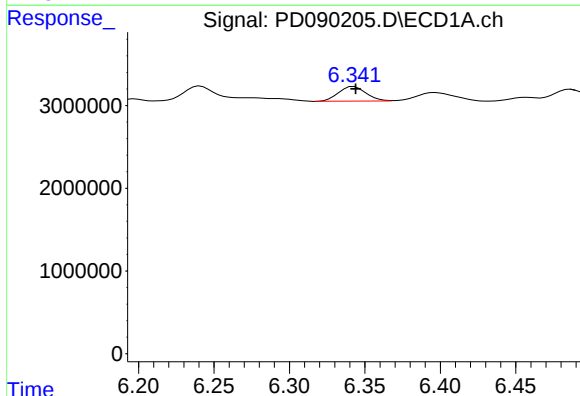
R.T.: 6.027 min  
Delta R.T.: 0.003 min  
Response: 7010763  
Conc: 1.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
SOIL-PILE-1



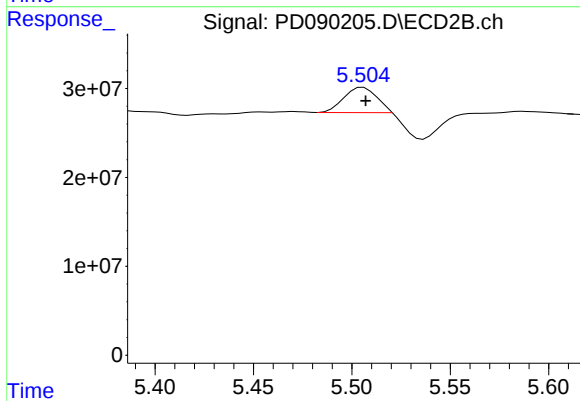
#11 alpha-Chlordane

R.T.: 5.181 min  
Delta R.T.: -0.003 min  
Response: 18165905  
Conc: 0.64 ng/ml m



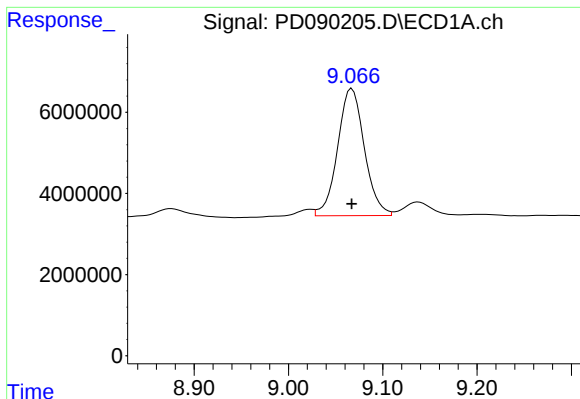
#13 Dieldrin

R.T.: 6.341 min  
Delta R.T.: -0.003 min  
Response: 2273263  
Conc: 0.46 ng/ml m



#13 Dieldrin

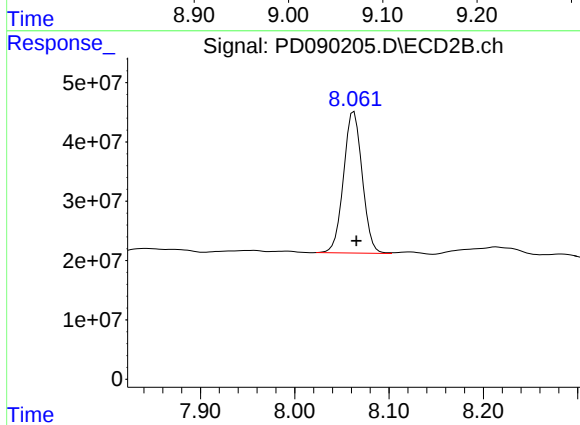
R.T.: 5.504 min  
Delta R.T.: -0.003 min  
Response: 33104727  
Conc: 1.13 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.066 min  
Delta R.T.: -0.001 min  
Response: 61558085  
Conc: 14.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
SOIL-PILE-1



#28 Decachlorobiphenyl

R.T.: 8.063 min  
Delta R.T.: -0.003 min  
Response: 329095608  
Conc: 12.71 ng/ml

## Report of Analysis

|                    |                             |                    |                     |
|--------------------|-----------------------------|--------------------|---------------------|
| Client:            | Zuccaro Inc.                | Date Collected:    | 09/05/25            |
| Project:           | 3 Coal Ave., Morristown, NJ | Date Received:     | 09/05/25            |
| Client Sample ID:  | SOIL-PILE-2                 | SDG No.:           | Q3032               |
| Lab Sample ID:     | Q3032-04                    | Matrix:            | SOIL                |
| Analytical Method: | 8081B                       | % Solid:           | 83.2      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 |
| PD090191.D        | 1         | 09/08/25 09:00 | 09/08/25 15:11 | PB169592      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|---------------------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |                     |            |                   |
| 319-84-6          | alpha-BHC            | 0.16  | U         | 0.16                | 2.00       | ug/kg             |
| 319-85-7          | beta-BHC             | 0.22  | U         | 0.22                | 2.00       | ug/kg             |
| 319-86-8          | delta-BHC            | 0.47  | U         | 0.47                | 2.00       | ug/kg             |
| 58-89-9           | gamma-BHC (Lindane)  | 0.17  | U         | 0.17                | 2.00       | ug/kg             |
| 76-44-8           | Heptachlor           | 0.14  | U         | 0.14                | 2.00       | ug/kg             |
| 309-00-2          | Aldrin               | 0.14  | U         | 0.14                | 2.00       | ug/kg             |
| 1024-57-3         | Heptachlor epoxide   | 0.23  | U         | 0.23                | 2.00       | ug/kg             |
| 959-98-8          | Endosulfan I         | 0.17  | U         | 0.17                | 2.00       | ug/kg             |
| 60-57-1           | Dieldrin             | 0.17  | U         | 0.17                | 2.00       | ug/kg             |
| 72-55-9           | 4,4-DDE              | 1.70  | J         | 0.17                | 2.00       | ug/kg             |
| 72-20-8           | Endrin               | 1.10  | JP        | 0.17                | 2.00       | ug/kg             |
| 33213-65-9        | Endosulfan II        | 0.35  | U         | 0.35                | 2.00       | ug/kg             |
| 72-54-8           | 4,4-DDD              | 1.70  | J         | 0.18                | 2.00       | ug/kg             |
| 1031-07-8         | Endosulfan Sulfate   | 0.16  | U         | 0.16                | 2.00       | ug/kg             |
| 50-29-3           | 4,4-DDT              | 6.90  |           | 0.17                | 2.00       | ug/kg             |
| 72-43-5           | Methoxychlor         | 0.44  | U         | 0.44                | 2.00       | ug/kg             |
| 53494-70-5        | Endrin ketone        | 0.23  | U         | 0.23                | 2.00       | ug/kg             |
| 7421-93-4         | Endrin aldehyde      | 0.44  | U         | 0.44                | 2.00       | ug/kg             |
| 5103-71-9         | alpha-Chlordane      | 1.10  | JP        | 0.14                | 2.00       | ug/kg             |
| 5103-74-2         | gamma-Chlordane      | 0.55  | JP        | 0.18                | 2.00       | ug/kg             |
| 8001-35-2         | Toxaphene            | 6.50  | U         | 6.50                | 39.6       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |                     |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 8.29  |           | 30 (20) - 150 (144) | 41%        | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 11.4  |           | 30 (19) - 150 (148) | 57%        | SPK: 20           |

## Report of Analysis

|                    |                             |                    |                     |
|--------------------|-----------------------------|--------------------|---------------------|
| Client:            | Zuccaro Inc.                | Date Collected:    | 09/05/25            |
| Project:           | 3 Coal Ave., Morristown, NJ | Date Received:     | 09/05/25            |
| Client Sample ID:  | SOIL-PILE-2                 | SDG No.:           | Q3032               |
| Lab Sample ID:     | Q3032-04                    | Matrix:            | SOIL                |
| Analytical Method: | 8081B                       | % Solid:           | 83.2      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 |
| PD090191.D        | 1         | 09/08/25 09:00 | 09/08/25 15:11 | PB169592      |

| 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\PD090825\  
 Data File : PD090191.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Sep 2025 15:11  
 Operator : AR\AJ  
 Sample : Q3032-04  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 SOIL-PILE-2

Manual Integrations  
 APPROVED

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

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 09 01:42:08 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 19 13:16:54 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 | 2.876 | 30240589 | 250.4E6  | 10.304m | 11.356m |
| 28)                         | SA Decachlor... | 9.070 | 8.064 | 35762388 | 125.7E6  | 8.286   | 4.855 # |
| Target Compounds            |                 |       |       |          |          |         |         |
| 10)                         | B gamma-Chl...  | 5.941 | 5.119 | 6768363  | 26125135 | 1.384m  | 0.882m# |
| 11)                         | B alpha-Chl...  | 6.028 | 5.182 | 13146797 | 47796110 | 2.671   | 1.675m# |
| 12)                         | B 4,4'-DDE      | 6.192 | 5.367 | 13723450 | 119.1E6  | 3.127m  | 4.132m# |
| 14)                         | MA Endrin       | 6.569 | 5.786 | 2058916  | 73468280 | 0.497m  | 2.759m# |
| 16)                         | A 4,4'-DDD      | 6.700 | 5.923 | 14519622 | 101.7E6  | 4.198m  | 4.232   |
| 17)                         | MA 4,4'-DDT     | 7.018 | 6.176 | 65588619 | 425.8E6  | 17.216  | 16.983  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090825\  
Data File : PD090191.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Sep 2025 15:11  
Operator : AR\AJ  
Sample : Q3032-04  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

## Instrument :

ECD\_D

## ClientSampleId :

SOIL-PILE-2

## Manual Integrations

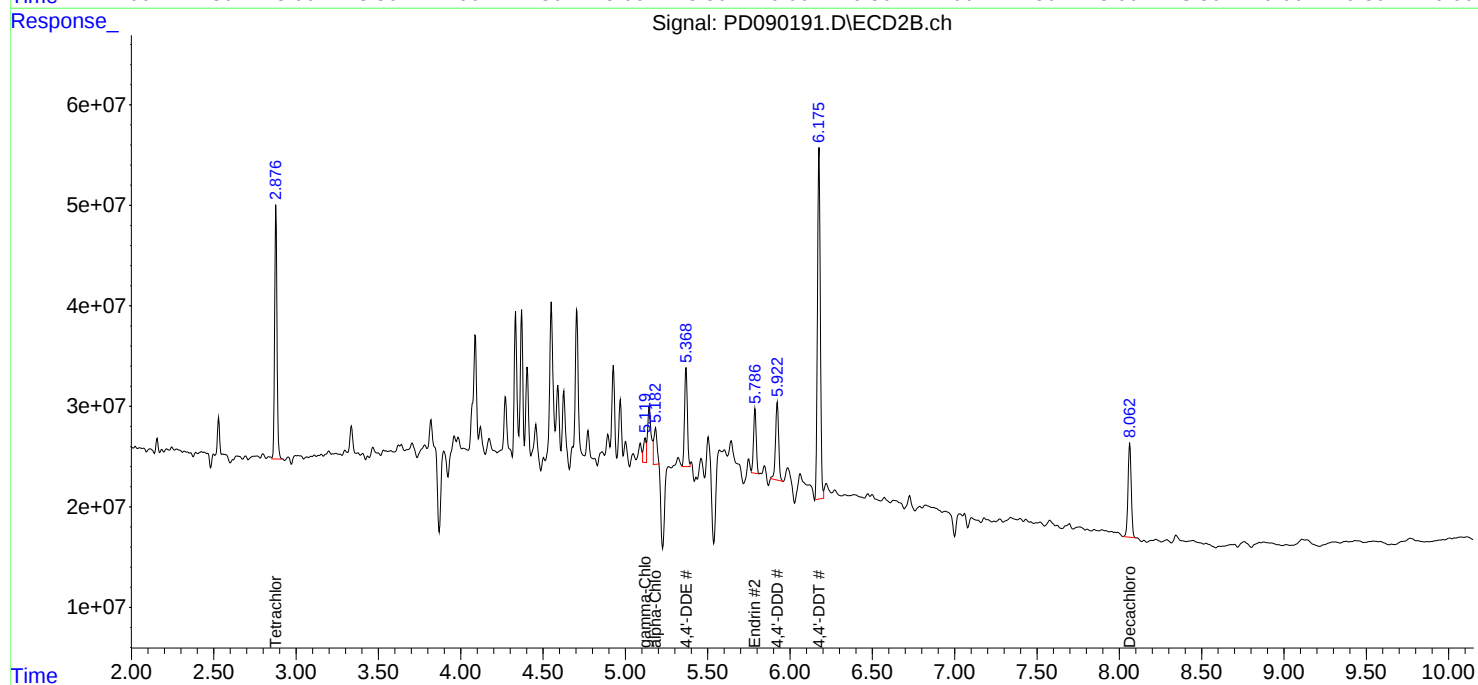
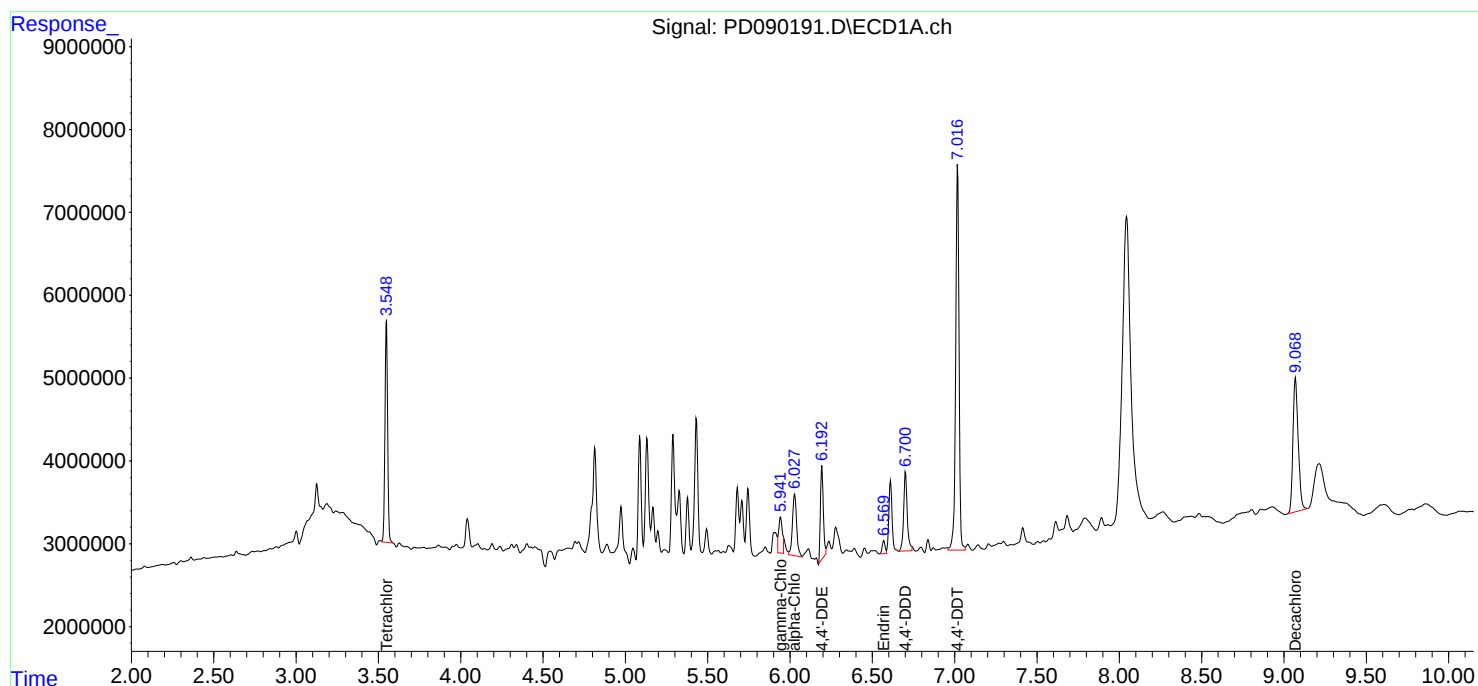
## APPROVED

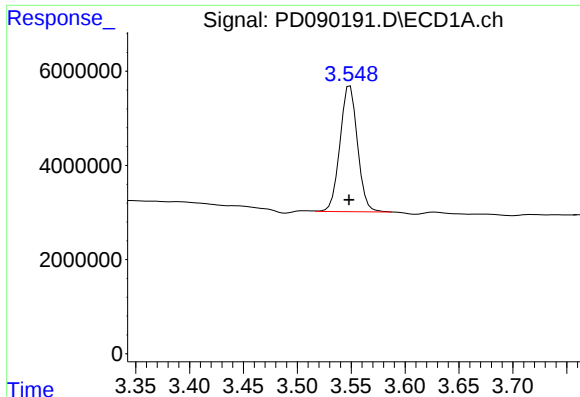
Reviewed By :Abdul Mirza 09/09/2025

Supervised By :mohammad ahmed 09/10/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 09 01:42:08 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 13:16:54 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





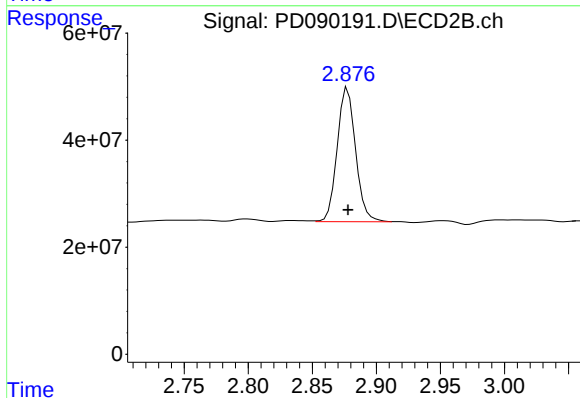
## #1 Tetrachloro-m-xylene

R.T.: 3.548 min  
Delta R.T.: 0.000 min  
Response: 30240589  
Conc: 10.30 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
SOIL-PILE-2

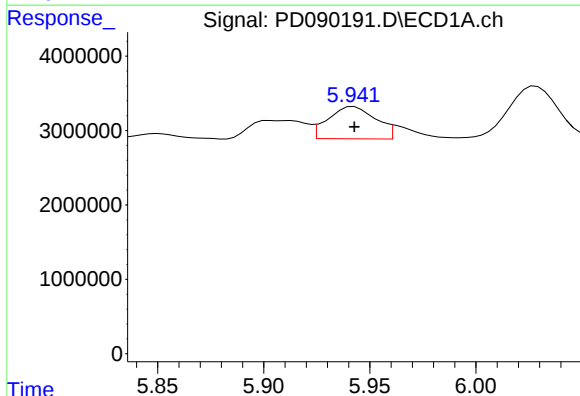
Manual Integrations  
APPROVED

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



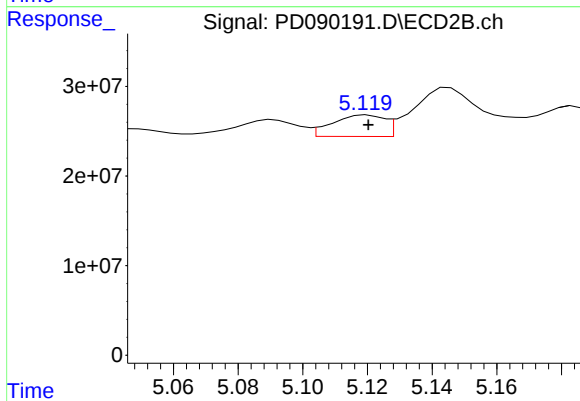
## #1 Tetrachloro-m-xylene

R.T.: 2.876 min  
Delta R.T.: -0.002 min  
Response: 250416146  
Conc: 11.36 ng/ml m



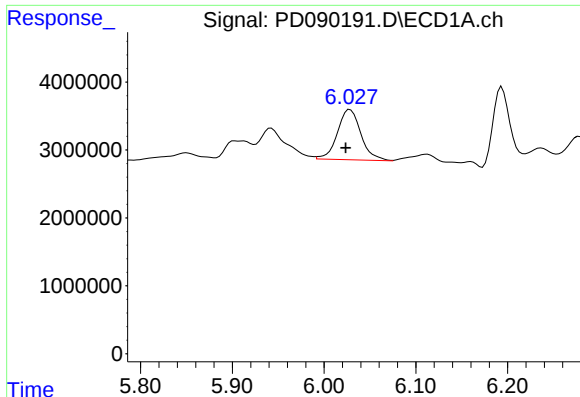
## #10 gamma-Chlordane

R.T.: 5.941 min  
Delta R.T.: -0.002 min  
Response: 6768363  
Conc: 1.38 ng/ml m



## #10 gamma-Chlordane

R.T.: 5.119 min  
Delta R.T.: -0.002 min  
Response: 26125135  
Conc: 0.88 ng/ml m



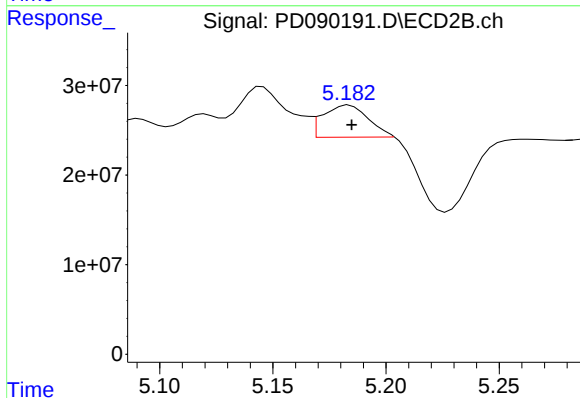
#11 alpha-Chlordane

R.T.: 6.028 min  
Delta R.T.: 0.005 min  
Response: 13146797  
Conc: 2.67 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
SOIL-PILE-2

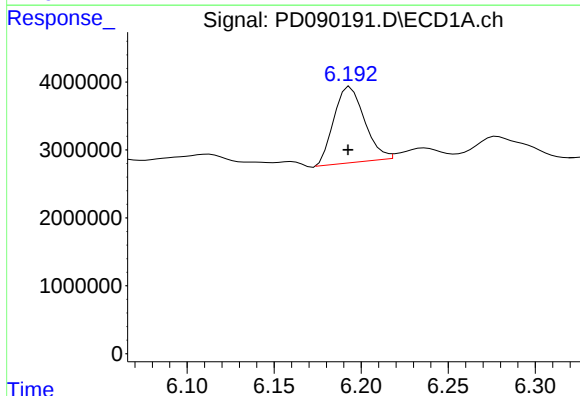
Manual Integrations  
APPROVED

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



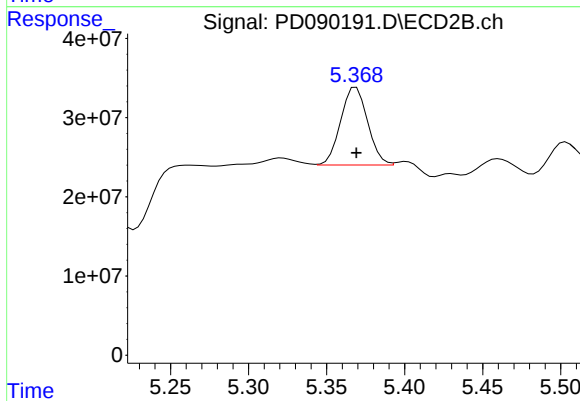
#11 alpha-Chlordane

R.T.: 5.182 min  
Delta R.T.: -0.002 min  
Response: 47796110  
Conc: 1.67 ng/ml m



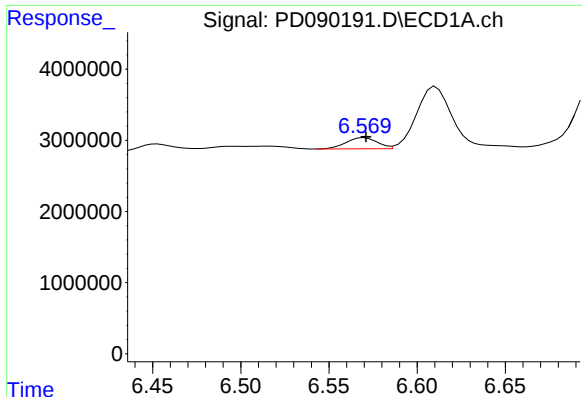
#12 4,4'-DDE

R.T.: 6.192 min  
Delta R.T.: 0.000 min  
Response: 13723450  
Conc: 3.13 ng/ml m



#12 4,4'-DDE

R.T.: 5.367 min  
Delta R.T.: -0.002 min  
Response: 119104535  
Conc: 4.13 ng/ml m



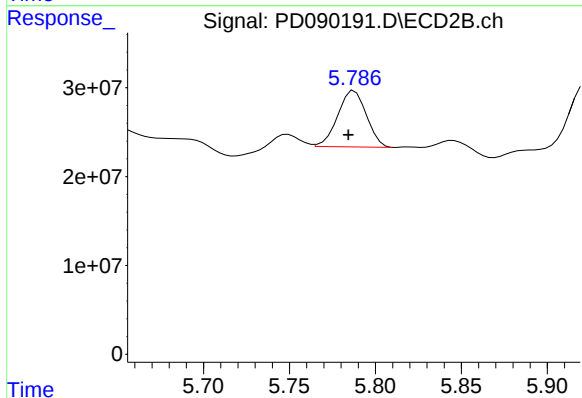
#14 Endrin

R.T.: 6.569 min  
Delta R.T.: -0.002 min  
Response: 2058916  
Conc: 0.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
SOIL-PILE-2

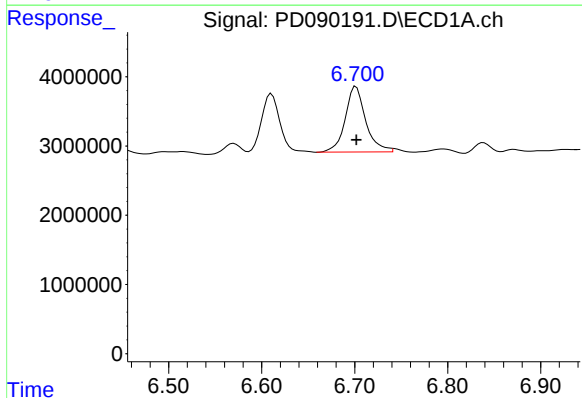
Manual Integrations  
APPROVED

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



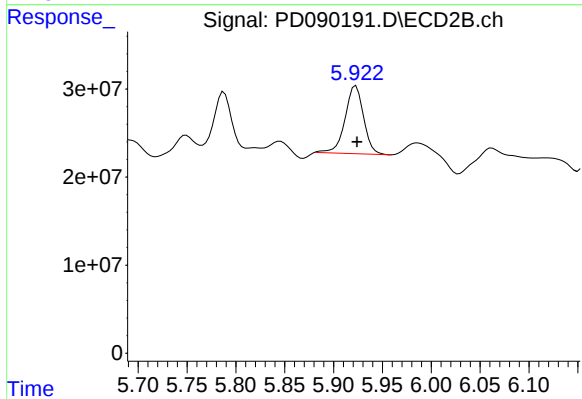
#14 Endrin

R.T.: 5.786 min  
Delta R.T.: 0.002 min  
Response: 73468280  
Conc: 2.76 ng/ml m



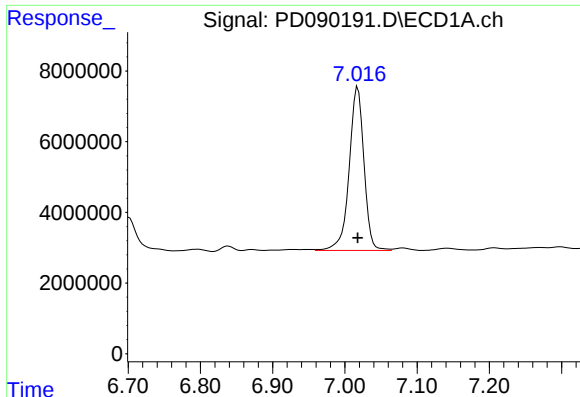
#16 4,4'-DDD

R.T.: 6.700 min  
Delta R.T.: -0.002 min  
Response: 14519622  
Conc: 4.20 ng/ml m



#16 4,4'-DDD

R.T.: 5.923 min  
Delta R.T.: 0.000 min  
Response: 101741165  
Conc: 4.23 ng/ml



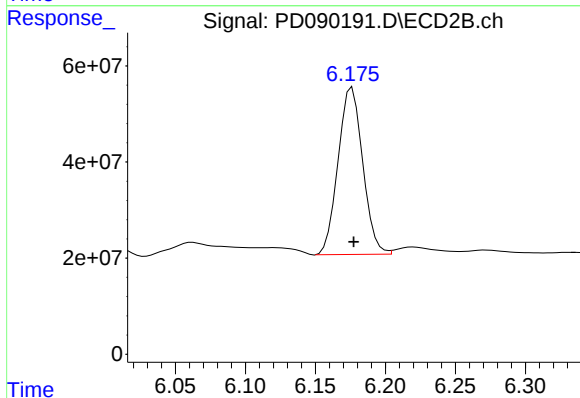
#17 4,4'-DDT

R.T.: 7.018 min  
Delta R.T.: 0.000 min  
Response: 65588619  
Conc: 17.22 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
SOIL-PILE-2

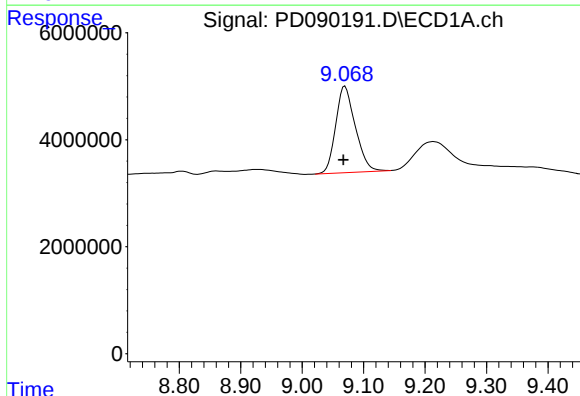
Manual Integrations  
APPROVED

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



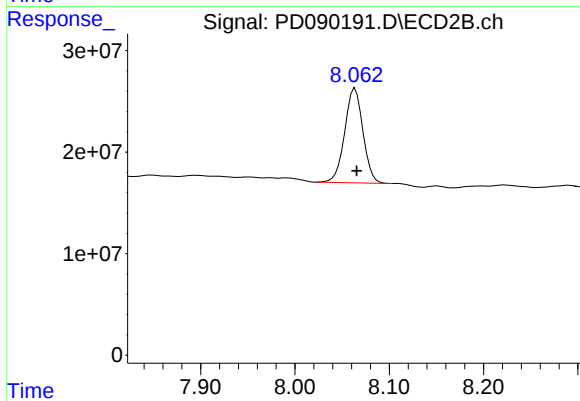
#17 4,4'-DDT

R.T.: 6.176 min  
Delta R.T.: -0.001 min  
Response: 425755943  
Conc: 16.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.070 min  
Delta R.T.: 0.003 min  
Response: 35762388  
Conc: 8.29 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.064 min  
Delta R.T.: -0.002 min  
Response: 125686289  
Conc: 4.86 ng/ml



# CALIBRATION SUMMARY

**Calibration Times:**                    11:25                    12:20

|              |          |                   |          |                   |
|--------------|----------|-------------------|----------|-------------------|
| LAB FILE ID: | RT 100 = | <u>PD089964.D</u> | RT 075 = | <u>PD089965.D</u> |
|              | RT 050 = | PD089966.D        | RT 025 = | PD089967.D        |
|              |          |                   | RT 005 = | PD089968.D        |

[illegible]

**Calibration Times:**                      11:25                      12:20

|              |          |                   |          |                   |
|--------------|----------|-------------------|----------|-------------------|
| LAB FILE ID: | RT 100 = | <u>PD089964.D</u> | RT 075 = | <u>PD089965.D</u> |
|              | RT 050 = | PD089966.D        | RT 025 = | PD089967.D        |
|              |          |                   | RT 005 = | PD089968.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: ZUCC01  
SDG NO.: Q3032

Calibration Date(s): 08/18/2025 08/18/2025  
Calibration Times: 11:25 12:20

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

| LAB FILE ID:         |            | CF 100 =          | <u>PD089964.D</u> | CF 075 =          | <u>PD089965.D</u> |                   |          |
|----------------------|------------|-------------------|-------------------|-------------------|-------------------|-------------------|----------|
| CF 050 =             |            | <u>PD089966.D</u> | CF 025 =          | <u>PD089967.D</u> | CF 005 =          | <u>PD089968.D</u> |          |
| COMPOUND             | CF 100     | CF 075            | CF 050            | CF 025            | CF 005            | CF                | %<br>RSD |
| 4,4'-DDD             | 3624120000 | 3462270000        | 3457660000        | 3265820000        | 3485670000        | 3459110000        | 4        |
| 4,4'-DDE             | 4626960000 | 4438390000        | 4404140000        | 4140750000        | 4331330000        | 4388310000        | 4        |
| 4,4'-DDT             | 3975570000 | 3816810000        | 3832620000        | 3619780000        | 3803930000        | 3809740000        | 3        |
| Aldrin               | 5668260000 | 5424570000        | 5410420000        | 5143250000        | 5426150000        | 5414530000        | 3        |
| alpha-BHC            | 6564570000 | 6222340000        | 6076620000        | 5609710000        | 5537900000        | 6002230000        | 7        |
| alpha-Chlordane      | 5001030000 | 4849920000        | 4872480000        | 4705810000        | 5182860000        | 4922420000        | 4        |
| beta-BHC             | 2190370000 | 2136080000        | 2186000000        | 2198420000        | 2504240000        | 2243020000        | 7        |
| Decachlorobiphenyl   | 3986110000 | 3969720000        | 4147630000        | 4315890000        | 5160360000        | 4315940000        | 11       |
| delta-BHC            | 5594230000 | 5259320000        | 5241270000        | 4866470000        | 4927250000        | 5177710000        | 6        |
| Dieldrin             | 5101560000 | 4896810000        | 4892720000        | 4649520000        | 4938220000        | 4895770000        | 3        |
| Endosulfan I         | 4658430000 | 4521140000        | 4563060000        | 4438270000        | 4893500000        | 4614880000        | 4        |
| Endosulfan II        | 4207790000 | 4064330000        | 4140160000        | 4044550000        | 4641790000        | 4219720000        | 6        |
| Endosulfan sulfate   | 3909960000 | 3792530000        | 3865770000        | 3781510000        | 4242700000        | 3918500000        | 5        |
| Endrin               | 4304200000 | 4131030000        | 4163360000        | 3917830000        | 4201430000        | 4143570000        | 3        |
| Endrin aldehyde      | 2808090000 | 2745580000        | 2790240000        | 2785520000        | 3206350000        | 2867160000        | 7        |
| Endrin ketone        | 4165230000 | 4039380000        | 4100930000        | 4005880000        | 4411220000        | 4144530000        | 4        |
| gamma-BHC (Lindane)  | 6124020000 | 5822650000        | 5736200000        | 5394590000        | 5556740000        | 5726840000        | 5        |
| gamma-Chlordane      | 5032010000 | 4878750000        | 4857490000        | 4658710000        | 5027960000        | 4890980000        | 3        |
| Heptachlor           | 5823490000 | 5610320000        | 5567440000        | 5314250000        | 5730360000        | 5609170000        | 3        |
| Heptachlor epoxide   | 4903870000 | 4710630000        | 4793240000        | 4635070000        | 5491190000        | 4906800000        | 7        |
| Methoxychlor         | 1937810000 | 1915290000        | 1982900000        | 1982920000        | 2209170000        | 2005620000        | 6        |
| Tetrachloro-m-xylene | 2917140000 | 2829280000        | 2874020000        | 2840660000        | 3213090000        | 2934840000        | 5        |



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Fax : 908 789 8922

### CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: ZUCC01  
SDG NO.: Q3032

Calibration Date(s): 08/18/2025 08/18/2025  
Calibration Times: 11:25 12:20

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

| LAB FILE ID:         |             | CF 100 =          | <u>PD089964.D</u> | CF 075 =          | <u>PD089965.D</u> |                   |       |
|----------------------|-------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------|
| CF 050 =             |             | <u>PD089966.D</u> | CF 025 =          | <u>PD089967.D</u> | CF 005 =          | <u>PD089968.D</u> |       |
| COMPOUND             | CF 100      | CF 075            | CF 050            | CF 025            | CF 005            | CF                | % RSD |
| 4,4'-DDD             | 22516800000 | 22539900000       | 23346000000       | 24042100000       | 27773700000       | 24043700000       | 9     |
| 4,4'-DDE             | 27113000000 | 27019200000       | 27887400000       | 28678000000       | 33416200000       | 28822800000       | 9     |
| 4,4'-DDT             | 23990000000 | 24023200000       | 24827600000       | 25108600000       | 27399200000       | 25069700000       | 6     |
| Aldrin               | 28837000000 | 28725400000       | 29547400000       | 30298100000       | 34870500000       | 30455700000       | 8     |
| alpha-BHC            | 32680000000 | 32178400000       | 33006800000       | 33320200000       | 38508700000       | 33938800000       | 8     |
| alpha-Chlordane      | 26752600000 | 26620200000       | 27532400000       | 28392200000       | 33393000000       | 28538100000       | 10    |
| beta-BHC             | 12414000000 | 12365000000       | 12842100000       | 13315800000       | 15714100000       | 13330200000       | 10    |
| Decachlorobiphenyl   | 23779200000 | 23963600000       | 24979900000       | 25602900000       | 31103700000       | 25885900000       | 12    |
| delta-BHC            | 30159900000 | 29900600000       | 30631600000       | 31120600000       | 35936300000       | 31549800000       | 8     |
| Dieldrin             | 27315200000 | 27373800000       | 28374700000       | 29249600000       | 34122500000       | 29287200000       | 10    |
| Endosulfan I         | 24263100000 | 24395900000       | 25356800000       | 26391300000       | 30701900000       | 26221800000       | 10    |
| Endosulfan II        | 23285800000 | 23417600000       | 24436800000       | 25378900000       | 29954000000       | 25294600000       | 11    |
| Endosulfan sulfate   | 22430300000 | 22611400000       | 23494500000       | 24469500000       | 28892000000       | 24379500000       | 11    |
| Endrin               | 24304500000 | 24536800000       | 25710300000       | 26502700000       | 32106800000       | 26632200000       | 12    |
| Endrin aldehyde      | 15818300000 | 15996400000       | 16540900000       | 17378800000       | 20365300000       | 17219900000       | 11    |
| Endrin ketone        | 24365300000 | 24756300000       | 25905100000       | 26991400000       | 31204600000       | 26644500000       | 10    |
| gamma-BHC (Lindane)  | 30012600000 | 29626300000       | 30389800000       | 30823600000       | 35001200000       | 31170700000       | 7     |
| gamma-Chlordane      | 27925200000 | 27737800000       | 28720300000       | 29587900000       | 34085100000       | 29611300000       | 9     |
| Heptachlor           | 29303500000 | 29221000000       | 30284200000       | 31044900000       | 36104500000       | 31191600000       | 9     |
| Heptachlor epoxide   | 25599400000 | 25694300000       | 26706500000       | 27640400000       | 32833500000       | 27694800000       | 11    |
| Methoxychlor         | 11658500000 | 11925200000       | 12638700000       | 13125700000       | 15130800000       | 12895800000       | 11    |
| Tetrachloro-m-xylene | 20746800000 | 20549600000       | 21227800000       | 21856800000       | 25871800000       | 22050500000       | 10    |



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Fax : 908 789 8922

### INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: ZUCC01

Lab Code: ACE SDG NO.: Q3032

Instrument ID: ECD\_D Date(s) Analyzed: 08/18/2025 08/18/2025

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 | 40562300              |
|           |                | 2    | 6.44 | 6.34      | 6.54 | 53517200              |
|           |                | 3    | 7.15 | 7.05      | 7.25 | 101826000             |
|           |                | 4    | 7.56 | 7.46      | 7.66 | 130379000             |
|           |                | 5    | 7.93 | 7.83      | 8.03 | 75181300              |



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

# INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

**Lab Name:** Alliance **Contract:** ZUCC01  
**Lab Code:** ACE **SDG NO.:** Q3032  
**Instrument ID:** ECD\_D **Date(s) Analyzed:** 08/18/2025 08/18/2025  
**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 | 218810000             |
|           |                | 2    | 5.64 | 5.54      | 5.74 | 149373000             |
|           |                | 3    | 6.75 | 6.65      | 6.85 | 724168000             |
|           |                | 4    | 7.19 | 7.09      | 7.29 | 490399000             |
|           |                | 5    | 7.32 | 7.22      | 7.42 | 361533000             |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081825\  
 Data File : PD089964.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Aug 2025 11:25  
 Operator : AR\AJ  
 Sample : PSTDICC100  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDICC100

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 08/19/2025  
 Supervised By : mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 19 02:23:10 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 19 02:15:07 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 | 2.878 | 291.7E6 | 2074.7E6 | 101.500 | 97.734  |
| 28)                         | SA Decachlor... | 9.066 | 8.066 | 398.6E6 | 2377.9E6 | 96.106  | 95.193  |
| Target Compounds            |                 |       |       |         |          |         |         |
| 2)                          | A alpha-BHC     | 3.997 | 3.390 | 656.5E6 | 3268.0E6 | 108.030 | 99.010  |
| 3)                          | MA gamma-BHC... | 4.328 | 3.726 | 612.4E6 | 3001.3E6 | 106.761 | 98.759  |
| 4)                          | MA Heptachlor   | 4.926 | 4.078 | 582.3E6 | 2930.4E6 | 104.599 | 96.762  |
| 5)                          | MB Aldrin       | 5.268 | 4.364 | 566.8E6 | 2883.7E6 | 104.766 | 97.596  |
| 6)                          | B beta-BHC      | 4.514 | 4.021 | 219.0E6 | 1241.4E6 | 100.200 | 96.667  |
| 7)                          | B delta-BHC     | 4.762 | 4.258 | 559.4E6 | 3016.0E6 | 106.734 | 98.460  |
| 8)                          | B Heptachlo...  | 5.687 | 4.867 | 490.4E6 | 2559.9E6 | 102.308 | 95.855  |
| 9)                          | A Endosulfan I  | 6.071 | 5.242 | 465.8E6 | 2426.3E6 | 102.090 | 95.687  |
| 10)                         | B gamma-Chl...  | 5.943 | 5.119 | 503.2E6 | 2792.5E6 | 103.593 | 97.232m |
| 11)                         | B alpha-Chl...  | 6.023 | 5.185 | 500.1E6 | 2675.3E6 | 102.638 | 97.168  |
| 12)                         | B 4,4'-DDE      | 6.192 | 5.369 | 462.7E6 | 2711.3E6 | 105.059 | 97.223  |
| 13)                         | MA Dieldrin     | 6.343 | 5.507 | 510.2E6 | 2731.5E6 | 104.268 | 96.266  |
| 14)                         | MA Endrin       | 6.571 | 5.784 | 430.4E6 | 2430.4E6 | 103.383 | 94.532  |
| 15)                         | B Endosulfa...  | 6.783 | 6.075 | 420.8E6 | 2328.6E6 | 101.634 | 95.290  |
| 16)                         | A 4,4'-DDD      | 6.702 | 5.924 | 362.4E6 | 2251.7E6 | 104.814 | 96.449  |
| 17)                         | MA 4,4'-DDT     | 7.017 | 6.177 | 397.6E6 | 2399.0E6 | 103.730 | 96.626  |
| 18)                         | B Endrin al...  | 6.912 | 6.253 | 280.8E6 | 1581.8E6 | 100.640 | 95.631  |
| 19)                         | B Endosulfa...  | 7.146 | 6.476 | 391.0E6 | 2243.0E6 | 101.143 | 95.471  |
| 20)                         | A Methoxychlor  | 7.490 | 6.748 | 193.8E6 | 1165.8E6 | 97.726  | 92.244  |
| 21)                         | B Endrin ke...  | 7.627 | 6.985 | 416.5E6 | 2436.5E6 | 101.568 | 94.056  |
| 22)                         | Mirex           | 8.110 | 7.179 | 291.1E6 | 1863.0E6 | 96.098  | 95.047  |
| -----                       |                 |       |       |         |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081825\  
Data File : PD089964.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Aug 2025 11:25  
Operator : AR\AJ  
Sample : PSTDICC100  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

## Instrument :

ECD\_D

## ClientSampleId :

PSTDICC100

## Manual Integrations

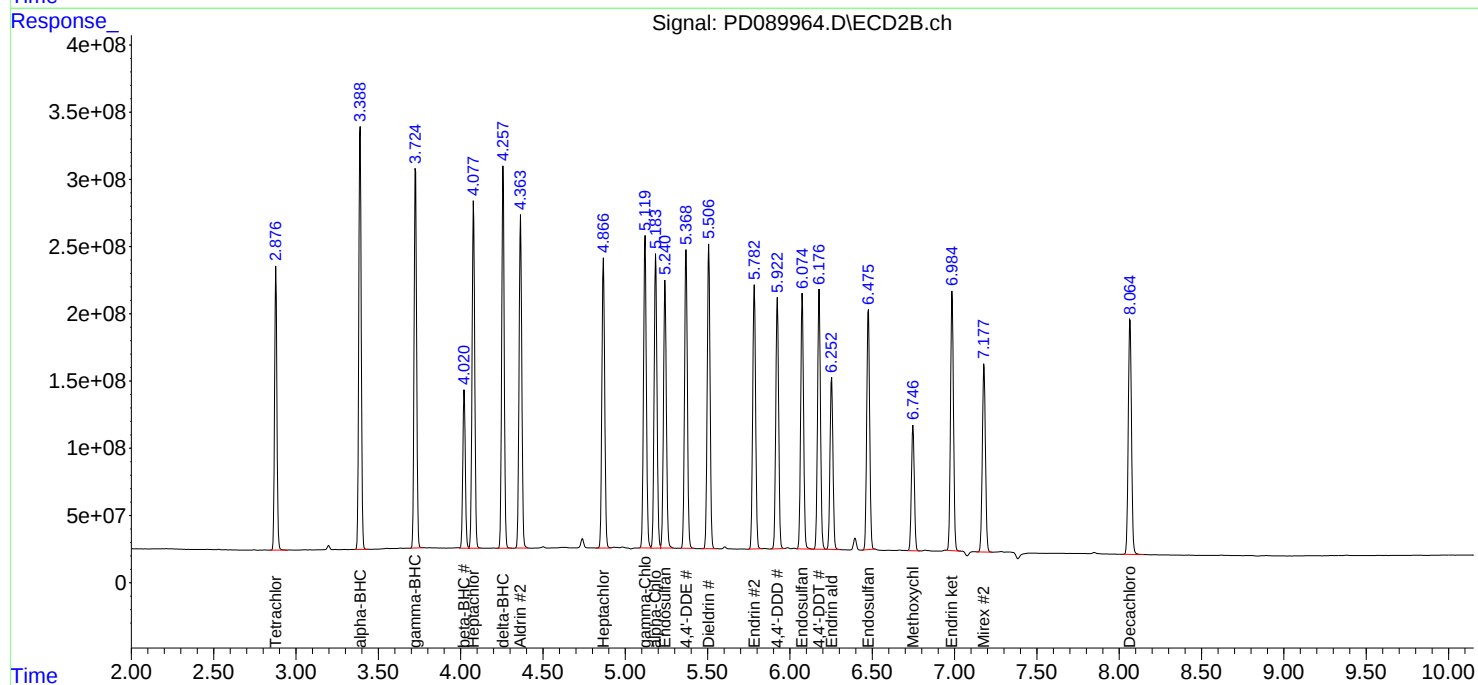
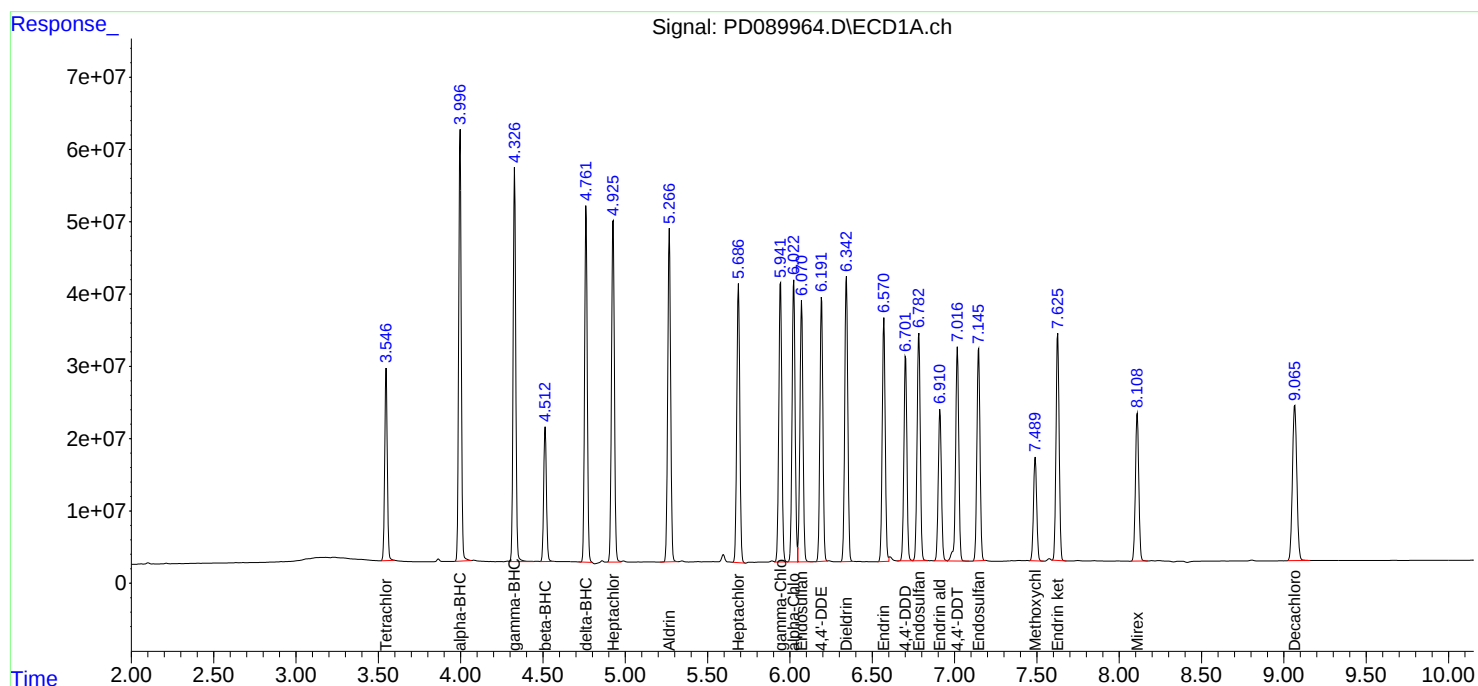
## APPROVED

Reviewed By :Abdul Mirza 08/19/2025

Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 19 02:23:10 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 02:15:07 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\PD081825\  
 Data File : PD089965.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Aug 2025 11:39  
 Operator : AR\AJ  
 Sample : PSTDICC075  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDICC075

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 08/19/2025  
 Supervised By : mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 19 02:23:20 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 19 02:15:07 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 | 2.877 | 212.2E6 | 1541.2E6 | 73.832 | 72.604  |
| 28)                         | SA Decachlor... | 9.069 | 8.066 | 297.7E6 | 1797.3E6 | 71.783 | 71.949  |
| Target Compounds            |                 |       |       |         |          |        |         |
| 2)                          | A alpha-BHC     | 3.998 | 3.390 | 466.7E6 | 2413.4E6 | 76.799 | 73.118  |
| 3)                          | MA gamma-BHC... | 4.329 | 3.726 | 436.7E6 | 2222.0E6 | 76.130 | 73.116  |
| 4)                          | MA Heptachlor   | 4.928 | 4.079 | 420.8E6 | 2191.6E6 | 75.578 | 72.367  |
| 5)                          | MB Aldrin       | 5.269 | 4.364 | 406.8E6 | 2154.4E6 | 75.196 | 72.914  |
| 6)                          | B beta-BHC      | 4.515 | 4.022 | 160.2E6 | 927.4E6  | 73.287 | 72.214  |
| 7)                          | B delta-BHC     | 4.764 | 4.258 | 394.4E6 | 2242.5E6 | 75.258 | 73.210  |
| 8)                          | B Heptachlo...  | 5.688 | 4.868 | 353.3E6 | 1927.1E6 | 73.707 | 72.157  |
| 9)                          | A Endosulfan I  | 6.072 | 5.242 | 339.1E6 | 1829.7E6 | 74.311 | 72.158  |
| 10)                         | B gamma-Chl...  | 5.944 | 5.119 | 365.9E6 | 2080.3E6 | 75.328 | 72.434m |
| 11)                         | B alpha-Chl...  | 6.025 | 5.186 | 363.7E6 | 1996.5E6 | 74.653 | 72.515  |
| 12)                         | B 4,4'-DDE      | 6.194 | 5.370 | 332.9E6 | 2026.4E6 | 75.583 | 72.665  |
| 13)                         | MA Dieldrin     | 6.345 | 5.508 | 367.3E6 | 2053.0E6 | 75.063 | 72.355  |
| 14)                         | MA Endrin       | 6.572 | 5.785 | 309.8E6 | 1840.3E6 | 74.418 | 71.577  |
| 15)                         | B Endosulfa...  | 6.784 | 6.076 | 304.8E6 | 1756.3E6 | 73.626 | 71.872  |
| 16)                         | A 4,4'-DDD      | 6.703 | 5.924 | 259.7E6 | 1690.5E6 | 75.100 | 72.410  |
| 17)                         | MA 4,4'-DDT     | 7.019 | 6.178 | 286.3E6 | 1801.7E6 | 74.691 | 72.570  |
| 18)                         | B Endrin al...  | 6.914 | 6.254 | 205.9E6 | 1199.7E6 | 73.799 | 72.531  |
| 19)                         | B Endosulfa...  | 7.147 | 6.477 | 284.4E6 | 1695.9E6 | 73.579 | 72.181  |
| 20)                         | A Methoxychlor  | 7.491 | 6.748 | 143.6E6 | 894.4E6  | 72.443 | 70.766  |
| 21)                         | B Endrin ke...  | 7.628 | 6.986 | 303.0E6 | 1856.7E6 | 73.874 | 71.674  |
| 22)                         | Mirex           | 8.111 | 7.180 | 216.8E6 | 1413.2E6 | 71.574 | 72.101  |
| -----                       |                 |       |       |         |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081825\  
Data File : PD089965.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Aug 2025 11:39  
Operator : AR\AJ  
Sample : PSTDICC075  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

## Instrument :

ECD\_D

## ClientSampleId :

PSTDICC075

## Manual Integrations

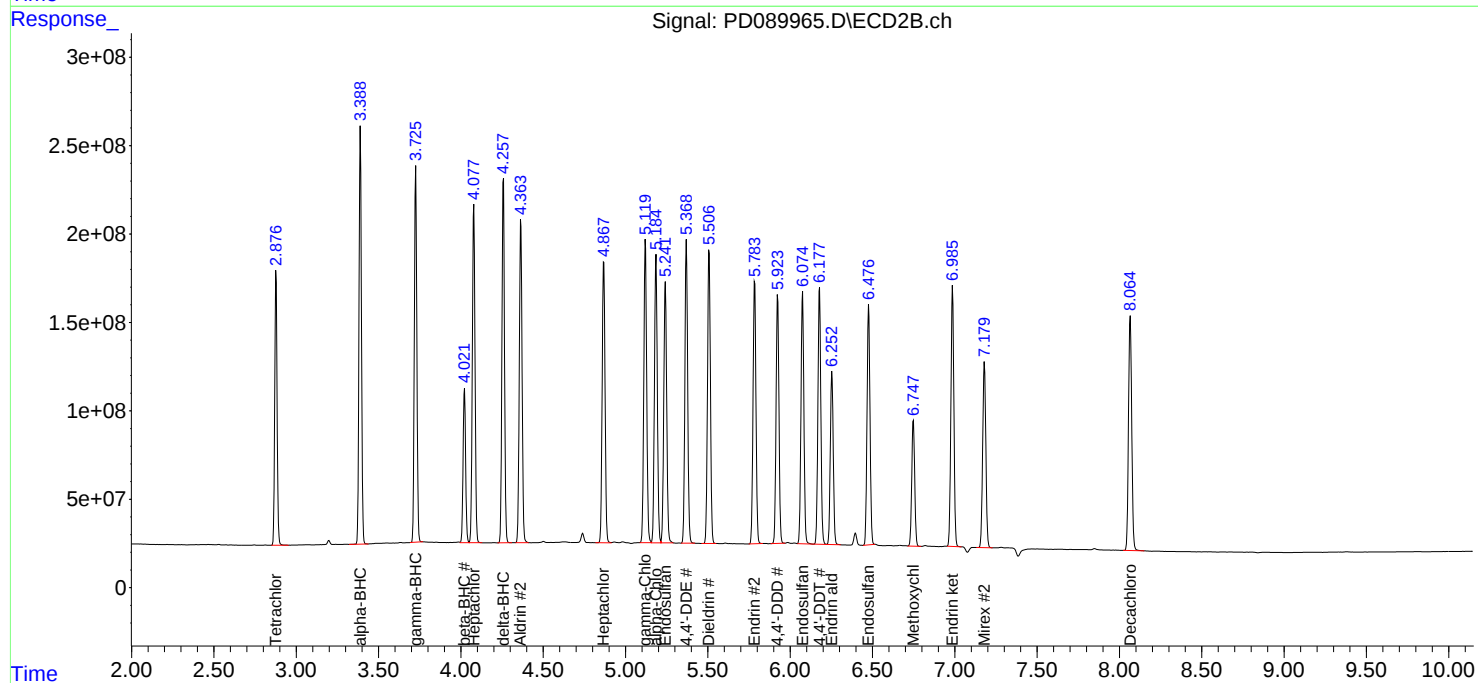
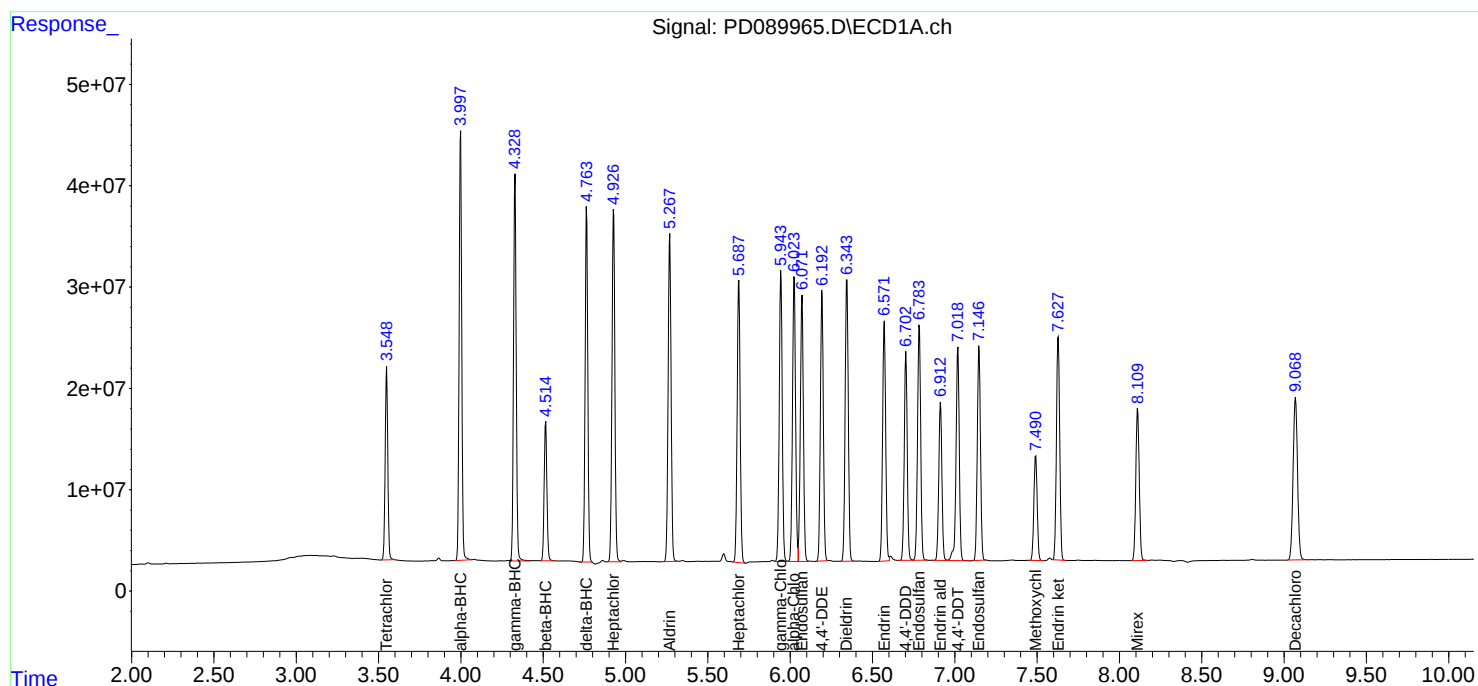
## APPROVED

Reviewed By :Abdul Mirza 08/19/2025

Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 19 02:23:20 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 02:15:07 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\PD081825\  
 Data File : PD089966.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Aug 2025 11:53  
 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: Aug 19 02:23:30 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 19 02:15:07 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 | 2.878 | 143.7E6  | 1061.4E6 | 50.000 | 50.000 |
| 28)                         | SA Decachlor... | 9.067 | 8.065 | 207.4E6  | 1249.0E6 | 50.000 | 50.000 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.997 | 3.390 | 303.8E6  | 1650.3E6 | 50.000 | 50.000 |
| 3)                          | MA gamma-BHC... | 4.328 | 3.726 | 286.8E6  | 1519.5E6 | 50.000 | 50.000 |
| 4)                          | MA Heptachlor   | 4.926 | 4.078 | 278.4E6  | 1514.2E6 | 50.000 | 50.000 |
| 5)                          | MB Aldrin       | 5.267 | 4.364 | 270.5E6  | 1477.4E6 | 50.000 | 50.000 |
| 6)                          | B beta-BHC      | 4.514 | 4.021 | 109.3E6  | 642.1E6  | 50.000 | 50.000 |
| 7)                          | B delta-BHC     | 4.762 | 4.258 | 262.1E6  | 1531.6E6 | 50.000 | 50.000 |
| 8)                          | B Heptachlo...  | 5.687 | 4.867 | 239.7E6  | 1335.3E6 | 50.000 | 50.000 |
| 9)                          | A Endosulfan I  | 6.071 | 5.242 | 228.2E6  | 1267.8E6 | 50.000 | 50.000 |
| 10)                         | B gamma-Chl...  | 5.943 | 5.120 | 242.9E6  | 1436.0E6 | 50.000 | 50.000 |
| 11)                         | B alpha-Chl...  | 6.024 | 5.185 | 243.6E6  | 1376.6E6 | 50.000 | 50.000 |
| 12)                         | B 4,4'-DDE      | 6.192 | 5.369 | 220.2E6  | 1394.4E6 | 50.000 | 50.000 |
| 13)                         | MA Dieldrin     | 6.344 | 5.507 | 244.6E6  | 1418.7E6 | 50.000 | 50.000 |
| 14)                         | MA Endrin       | 6.571 | 5.784 | 208.2E6  | 1285.5E6 | 50.000 | 50.000 |
| 15)                         | B Endosulfa...  | 6.783 | 6.075 | 207.0E6  | 1221.8E6 | 50.000 | 50.000 |
| 16)                         | A 4,4'-DDD      | 6.702 | 5.924 | 172.9E6  | 1167.3E6 | 50.000 | 50.000 |
| 17)                         | MA 4,4'-DDT     | 7.018 | 6.178 | 191.6E6  | 1241.4E6 | 50.000 | 50.000 |
| 18)                         | B Endrin al...  | 6.912 | 6.253 | 139.5E6  | 827.0E6  | 50.000 | 50.000 |
| 19)                         | B Endosulfa...  | 7.147 | 6.477 | 193.3E6  | 1174.7E6 | 50.000 | 50.000 |
| 20)                         | A Methoxychlor  | 7.490 | 6.749 | 99144906 | 631.9E6  | 50.000 | 50.000 |
| 21)                         | B Endrin ke...  | 7.627 | 6.986 | 205.0E6  | 1295.3E6 | 50.000 | 50.000 |
| 22)                         | Mirex           | 8.110 | 7.179 | 151.5E6  | 980.0E6  | 50.000 | 50.000 |
| -----                       |                 |       |       |          |          |        |        |

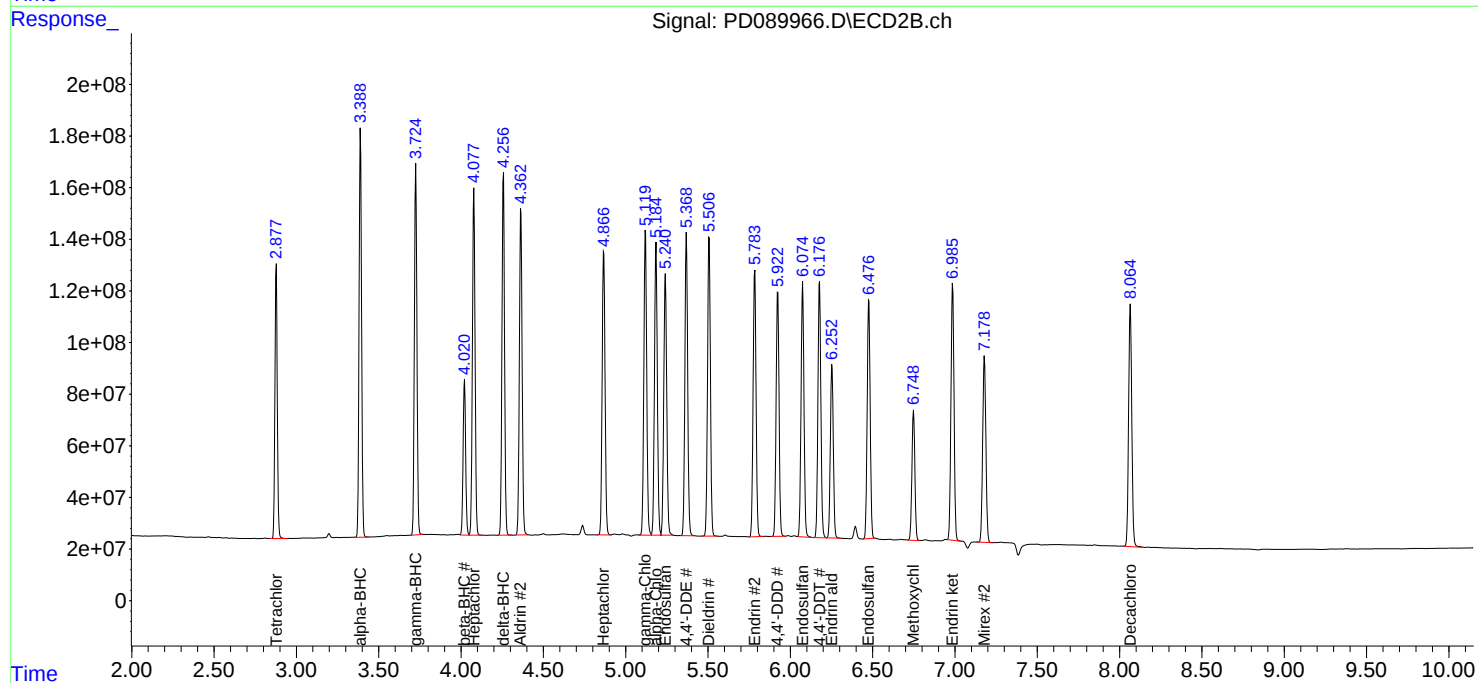
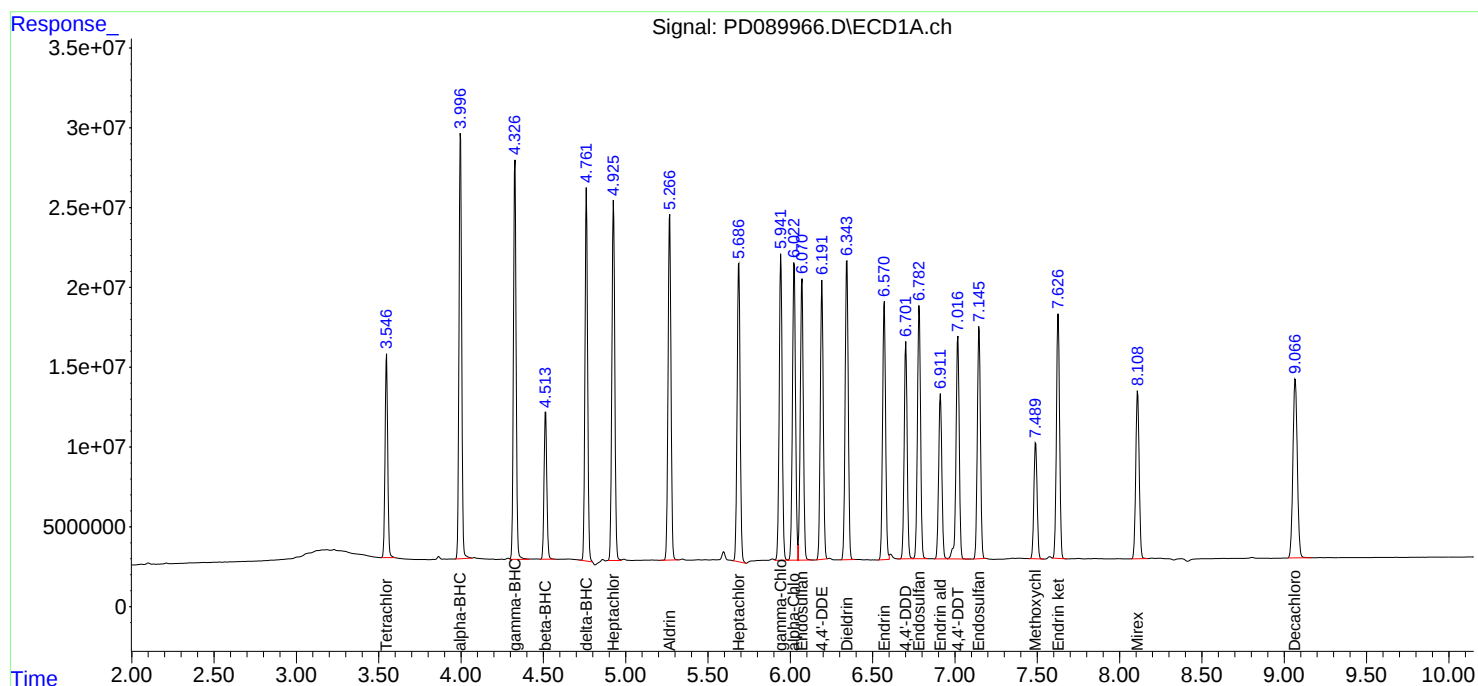
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081825\  
Data File : PD089966.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Aug 2025 11:53  
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: Aug 19 02:23:30 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 02:15:07 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\PD081825\  
 Data File : PD089967.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Aug 2025 12:06  
 Operator : AR\AJ  
 Sample : PSTDICC025  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDICC025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 19 02:23:40 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 19 02:15:07 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... | 3.547 | 2.878 | 71016587 | 546.4E6 | 24.710 | 25.741 |
| 2)                          | SA Decachlor... | 9.067 | 8.064 | 107.9E6  | 640.1E6 | 26.014 | 25.623 |
| Target Compounds            |                 |       |       |          |         |        |        |
| 2)                          | A alpha-BHC     | 3.997 | 3.390 | 140.2E6  | 833.0E6 | 23.079 | 25.237 |
| 3)                          | MA gamma-BHC... | 4.327 | 3.726 | 134.9E6  | 770.6E6 | 23.511 | 25.357 |
| 4)                          | MA Heptachlor   | 4.925 | 4.079 | 132.9E6  | 776.1E6 | 23.863 | 25.628 |
| 5)                          | MB Aldrin       | 5.267 | 4.364 | 128.6E6  | 757.5E6 | 23.765 | 25.635 |
| 6)                          | B beta-BHC      | 4.513 | 4.021 | 54960603 | 332.9E6 | 25.142 | 25.922 |
| 7)                          | B delta-BHC     | 4.761 | 4.258 | 121.7E6  | 778.0E6 | 23.212 | 25.399 |
| 8)                          | B Heptachlo...  | 5.687 | 4.867 | 115.9E6  | 691.0E6 | 24.175 | 25.874 |
| 9)                          | A Endosulfan I  | 6.071 | 5.242 | 111.0E6  | 659.8E6 | 24.316 | 26.020 |
| 10)                         | B gamma-Chl...  | 5.942 | 5.120 | 116.5E6  | 739.7E6 | 23.977 | 25.755 |
| 11)                         | B alpha-Chl...  | 6.023 | 5.185 | 117.6E6  | 709.8E6 | 24.145 | 25.781 |
| 12)                         | B 4,4'-DDE      | 6.192 | 5.370 | 103.5E6  | 716.9E6 | 23.505 | 25.709 |
| 13)                         | MA Dieldrin     | 6.343 | 5.507 | 116.2E6  | 731.2E6 | 23.757 | 25.771 |
| 14)                         | MA Endrin       | 6.570 | 5.783 | 97945789 | 662.6E6 | 23.526 | 25.771 |
| 15)                         | B Endosulfa...  | 6.782 | 6.075 | 101.1E6  | 634.5E6 | 24.423 | 25.964 |
| 16)                         | A 4,4'-DDD      | 6.701 | 5.924 | 81645553 | 601.1E6 | 23.613 | 25.746 |
| 17)                         | MA 4,4'-DDT     | 7.017 | 6.178 | 90494404 | 627.7E6 | 23.612 | 25.283 |
| 18)                         | B Endrin al...  | 6.911 | 6.253 | 69637886 | 434.5E6 | 24.958 | 26.266 |
| 19)                         | B Endosulfa...  | 7.145 | 6.477 | 94537771 | 611.7E6 | 24.455 | 26.037 |
| 20)                         | A Methoxychlor  | 7.489 | 6.748 | 49573124 | 328.1E6 | 25.000 | 25.963 |
| 21)                         | B Endrin ke...  | 7.626 | 6.986 | 100.1E6  | 674.8E6 | 24.421 | 26.048 |
| 22)                         | Mirex           | 8.108 | 7.178 | 78134392 | 518.7E6 | 25.791 | 26.465 |
| -----                       |                 |       |       |          |         |        |        |

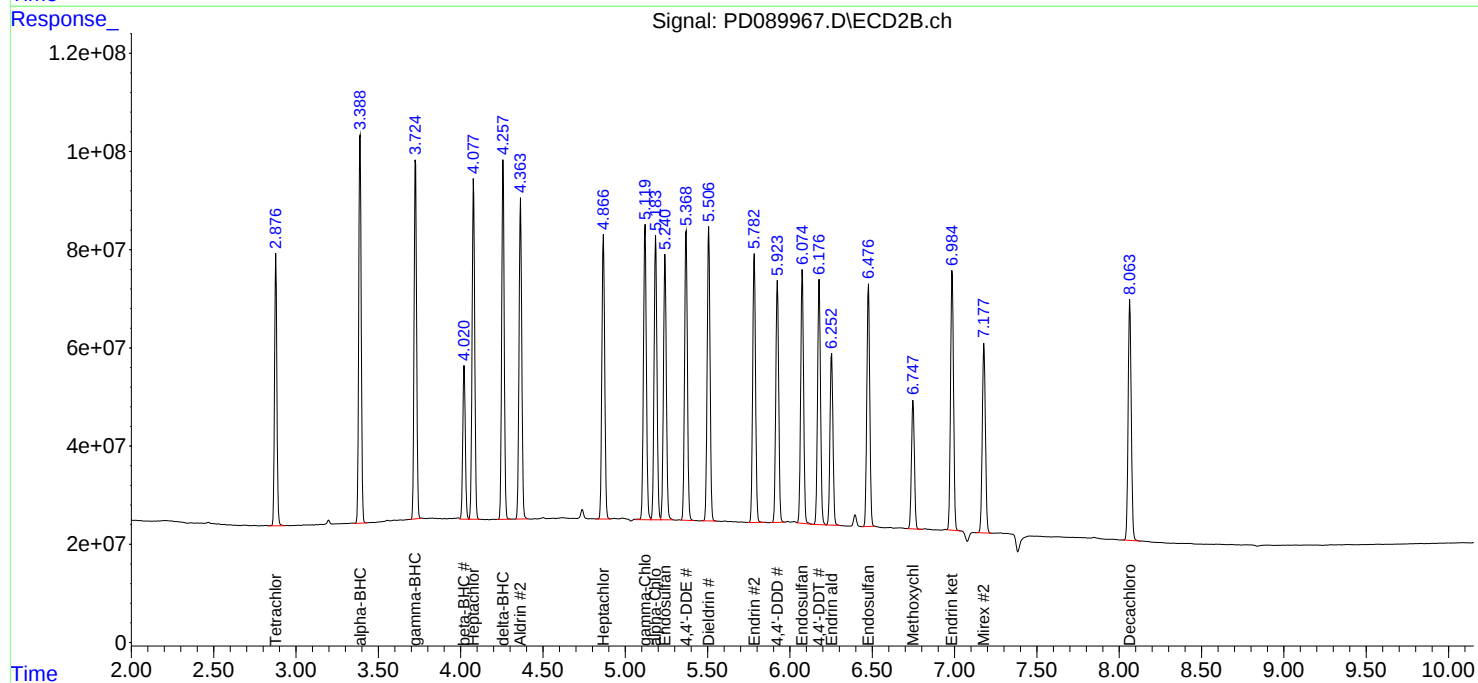
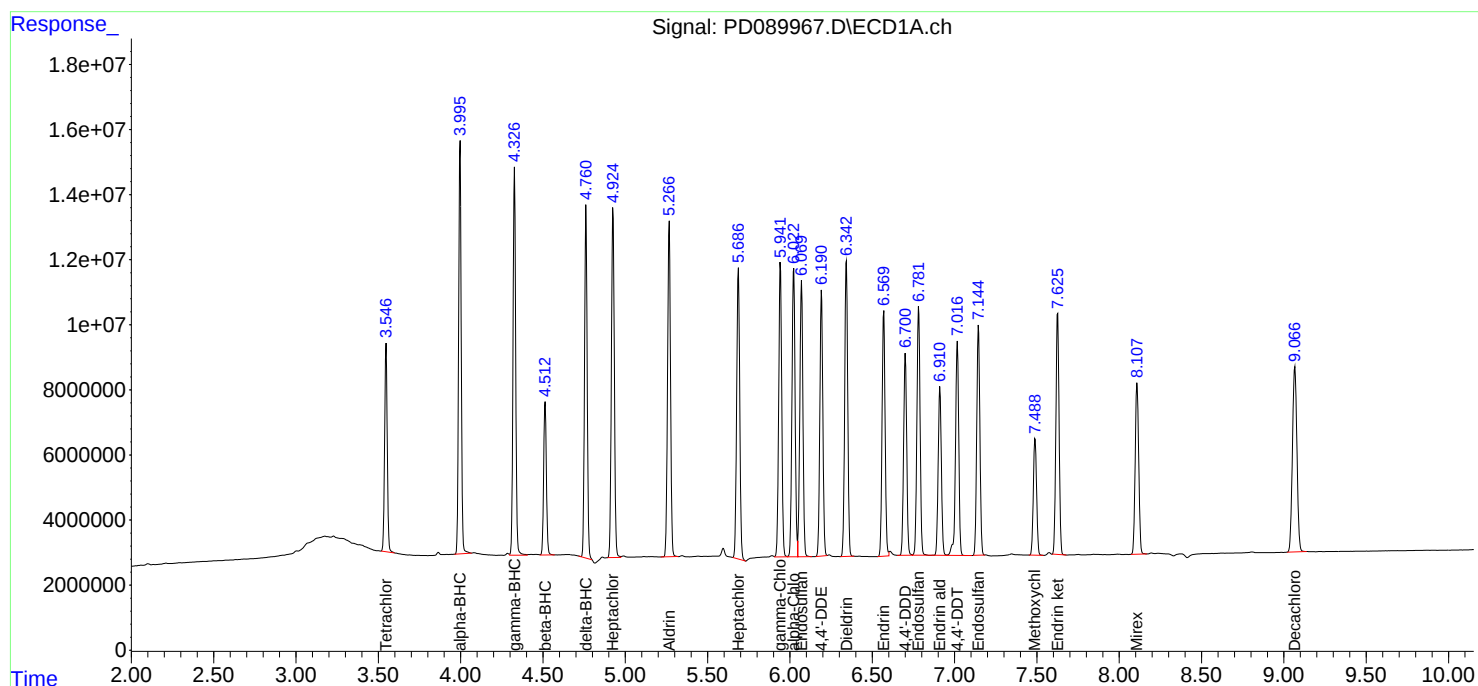
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081825\  
Data File : PD089967.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Aug 2025 12:06  
Operator : AR\AJ  
Sample : PSTDICC025  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDICC025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 19 02:23:40 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 02:15:07 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\PD081825\  
 Data File : PD089968.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Aug 2025 12:20  
 Operator : AR\AJ  
 Sample : PSTDICC005  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDICC005

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 08/19/2025  
 Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 19 02:23:50 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 19 02:15:07 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 | 2.878 | 16065440 | 129.4E6  | 5.590 | 6.094   |
| 28) SA Decachlor...         | 9.067 | 8.065 | 25801787 | 155.5E6  | 6.221 | 6.226   |
| Target Compounds            |       |       |          |          |       |         |
| 2) A alpha-BHC              | 3.997 | 3.390 | 27689483 | 192.5E6  | 4.557 | 5.833 # |
| 3) MA gamma-BHC...          | 4.327 | 3.726 | 27783687 | 175.0E6  | 4.844 | 5.759   |
| 4) MA Heptachlor            | 4.926 | 4.079 | 28651817 | 180.5E6  | 5.146 | 5.961   |
| 5) MB Aldrin                | 5.267 | 4.364 | 27130728 | 174.4E6  | 5.015 | 5.901   |
| 6) B beta-BHC               | 4.514 | 4.022 | 12521184 | 78570415 | 5.728 | 6.118   |
| 7) B delta-BHC              | 4.762 | 4.258 | 24636234 | 179.7E6  | 4.700 | 5.866   |
| 8) B Heptachlo...           | 5.687 | 4.868 | 27455928 | 164.2E6  | 5.728 | 6.147   |
| 9) A Endosulfan I           | 6.070 | 5.242 | 24467519 | 153.5E6  | 5.362 | 6.054   |
| 10) B gamma-Chl...          | 5.942 | 5.119 | 25139793 | 170.4E6  | 5.175 | 5.934m  |
| 11) B alpha-Chl...          | 6.023 | 5.186 | 25914299 | 167.0E6  | 5.319 | 6.064   |
| 12) B 4,4'-DDE              | 6.192 | 5.370 | 21656627 | 167.1E6  | 4.917 | 5.991   |
| 13) MA Dieldrin             | 6.343 | 5.508 | 24691118 | 170.6E6  | 5.047 | 6.013   |
| 14) MA Endrin               | 6.570 | 5.784 | 21007159 | 160.5E6  | 5.046 | 6.244   |
| 15) B Endosulfa...          | 6.783 | 6.075 | 23208965 | 149.8E6  | 5.606 | 6.129   |
| 16) A 4,4'-DDD              | 6.701 | 5.924 | 17428370 | 138.9E6  | 5.041 | 5.948   |
| 17) MA 4,4'-DDT             | 7.017 | 6.178 | 19019653 | 137.0E6  | 4.963 | 5.518   |
| 18) B Endrin al...          | 6.912 | 6.254 | 16031744 | 101.8E6  | 5.746 | 6.156   |
| 19) B Endosulfa...          | 7.146 | 6.477 | 21213506 | 144.5E6  | 5.488 | 6.149   |
| 20) A Methoxychlor          | 7.490 | 6.749 | 11045859 | 75653976 | 5.571 | 5.986   |
| 21) B Endrin ke...          | 7.627 | 6.986 | 22056097 | 156.0E6  | 5.378 | 6.023   |
| 22) Mirex                   | 8.110 | 7.179 | 19074932 | 127.3E6  | 6.296 | 6.493   |
| -----                       |       |       |          |          |       |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081825\  
Data File : PD089968.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Aug 2025 12:20  
Operator : AR\AJ  
Sample : PSTDICC005  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

## Instrument :

ECD\_D

## ClientSampleId :

PSTDICC005

## Manual Integrations

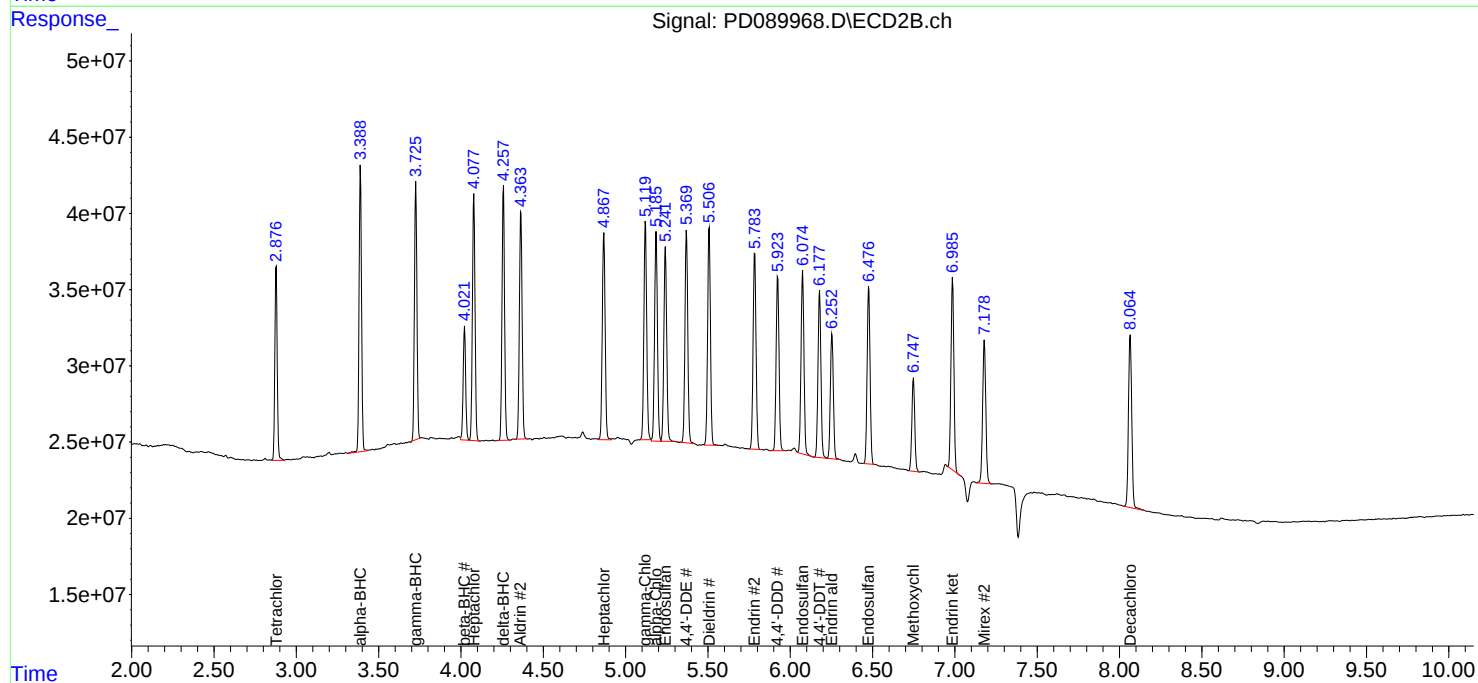
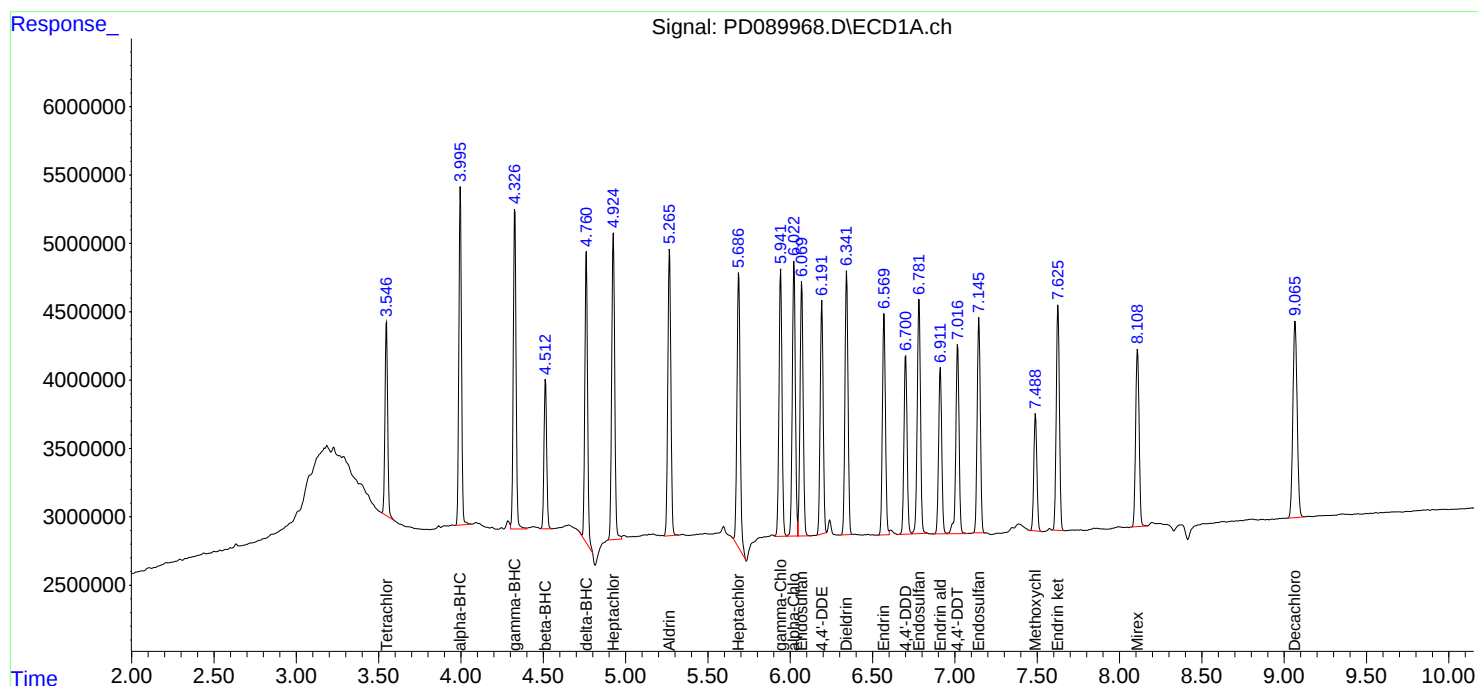
## APPROVED

Reviewed By :Abdul Mirza 08/19/2025

Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 19 02:23:50 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 02:15:07 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\PD081825\  
 Data File : PD089971.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Aug 2025 14:19  
 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: Aug 19 03:15:37 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 19 02:57:34 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... | 3.547 | 2.877 | 106.5E6  | 1017.9E6 | 50.000  | 50.000  |
| 28)                         | SA Decachlor... | 9.067 | 8.065 | 156.8E6  | 977.6E6  | 50.000  | 50.000  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 23)                         | Chlordane-1     | 4.711 | 3.900 | 89372586 | 455.0E6  | 500.000 | 500.000 |
| 24)                         | Chlordane-2     | 5.238 | 4.482 | 89261369 | 472.4E6  | 500.000 | 500.000 |
| 25)                         | Chlordane-3     | 5.944 | 5.120 | 351.4E6  | 1396.2E6 | 500.000 | 500.000 |
| 26)                         | Chlordane-4     | 6.029 | 5.184 | 429.7E6  | 1196.4E6 | 500.000 | 500.000 |
| 27)                         | Chlordane-5     | 6.868 | 6.084 | 72788754 | 565.0E6  | 500.000 | 500.000 |
| -----                       |                 |       |       |          |          |         |         |

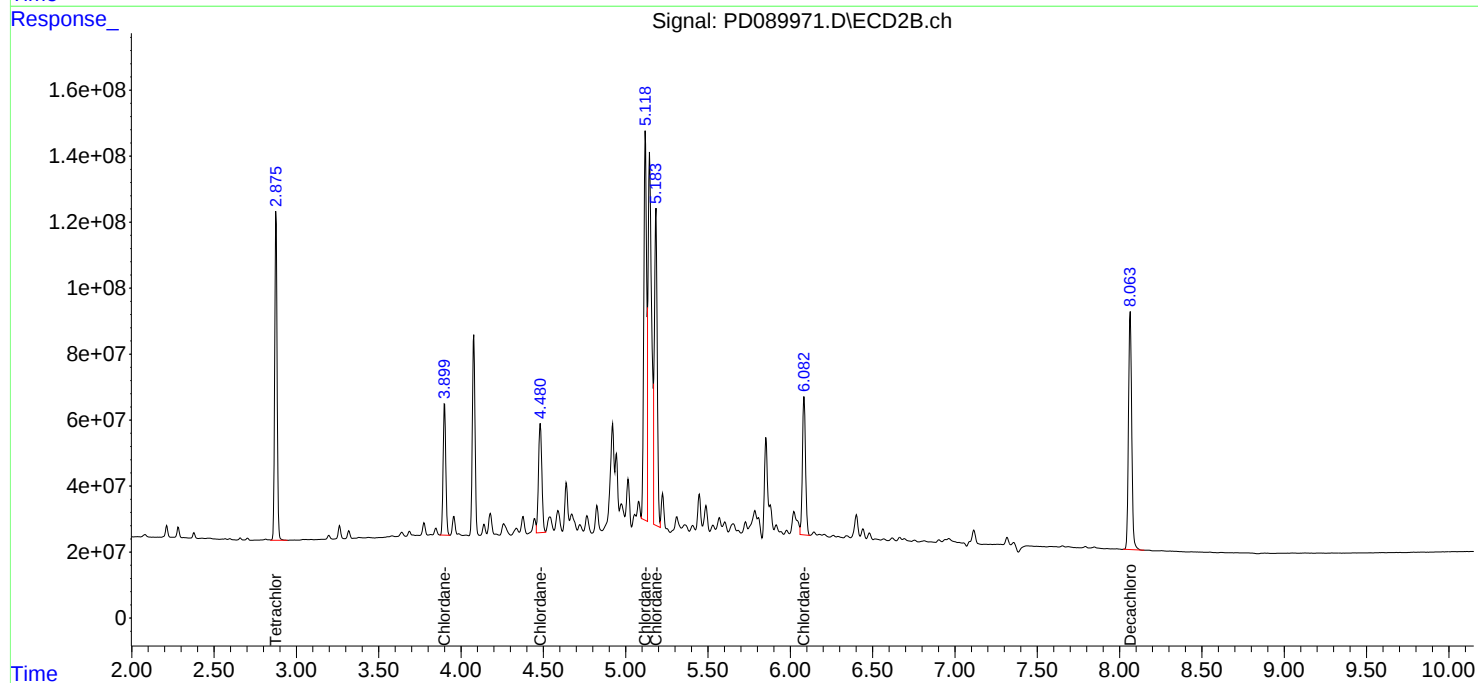
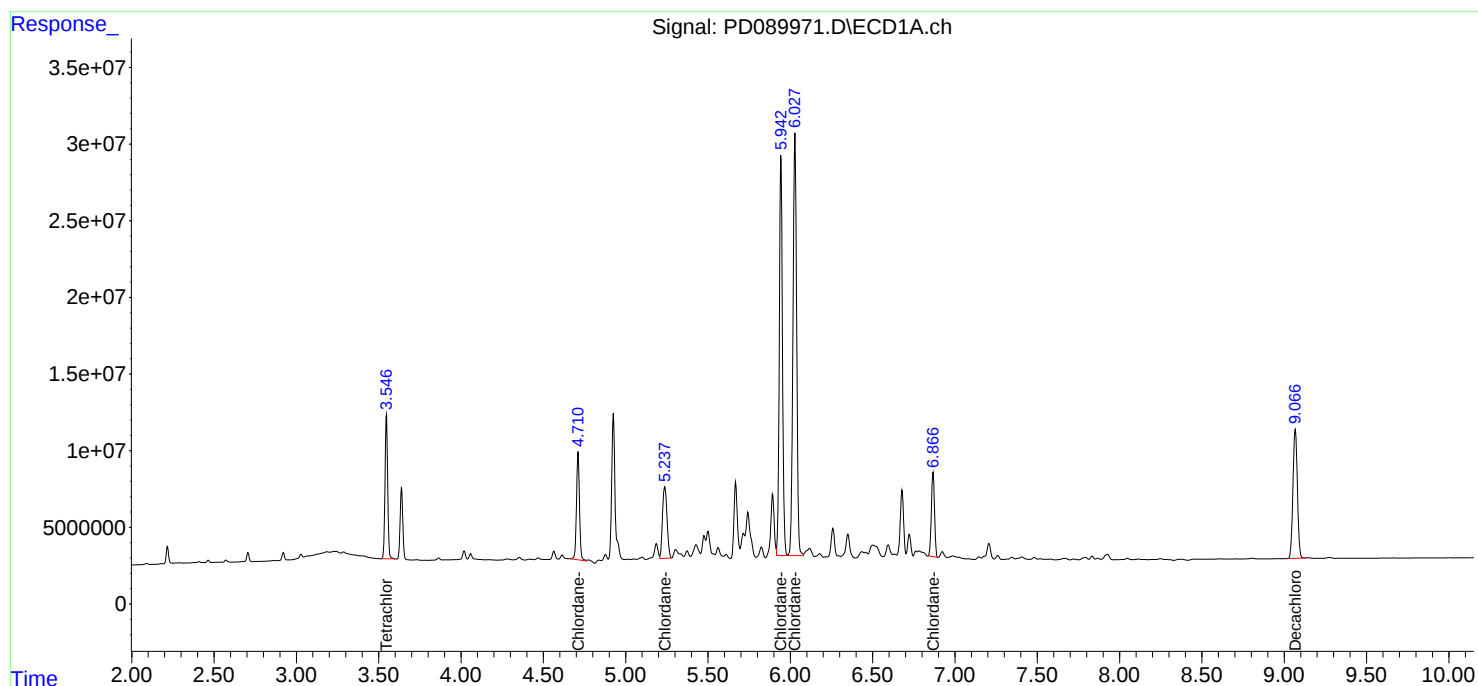
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081825\  
Data File : PD089971.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Aug 2025 14:19  
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: Aug 19 03:15:37 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 02:57:34 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\PD081825\  
 Data File : PD089976.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Aug 2025 15:31  
 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: Aug 19 05:12:58 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\DTX081825.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 19 05:08:50 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

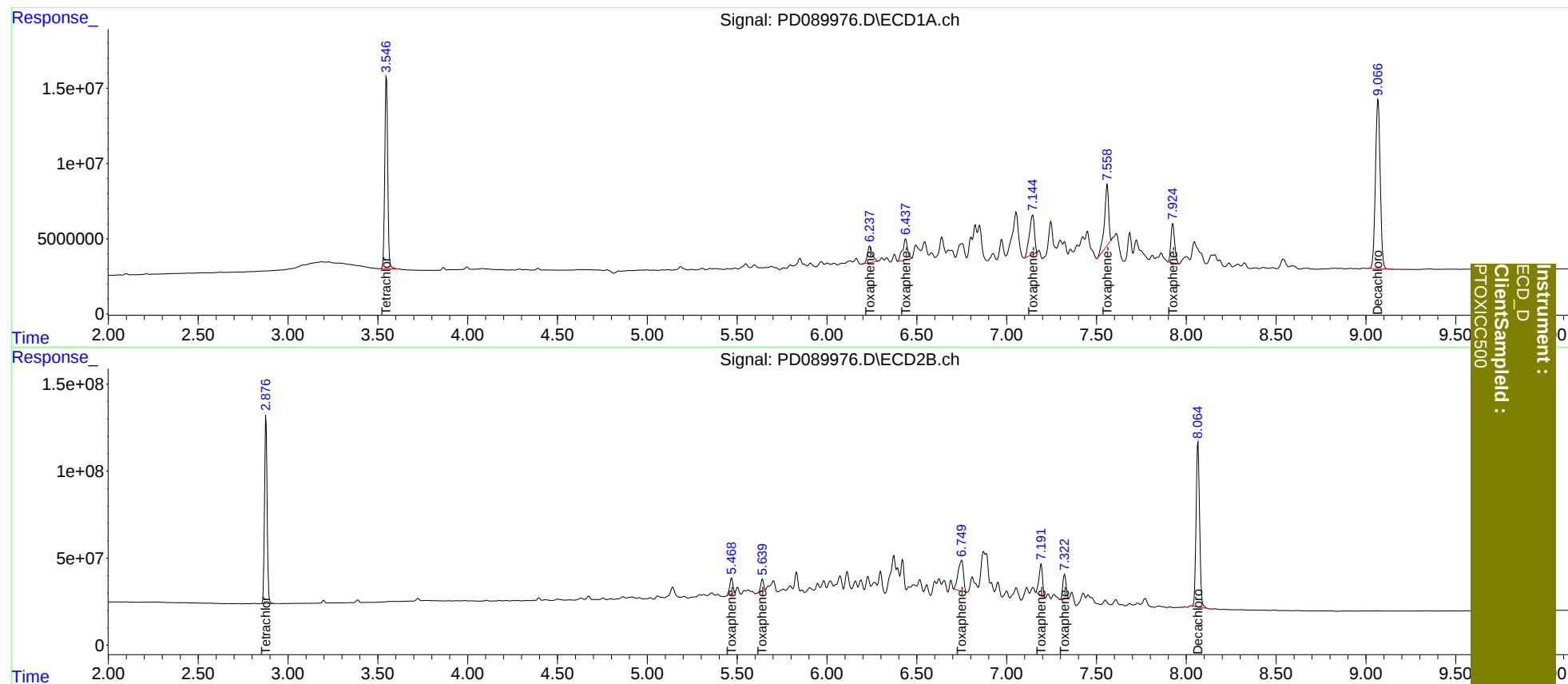
|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|---------|
| -----                       |                 |       |       |          |          |         |         |
| System Monitoring Compounds |                 |       |       |          |          |         |         |
| 1)                          | SA Tetrachlo... | 3.548 | 2.877 | 145.7E6  | 1084.7E6 | 50.000  | 50.000  |
| 7)                          | SA Decachlor... | 9.068 | 8.065 | 207.8E6  | 1279.0E6 | 50.000  | 50.000  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | Toxaphene-1     | 6.238 | 5.469 | 20281150 | 109.4E6  | 500.000 | 500.000 |
| 3)                          | Toxaphene-2     | 6.438 | 5.641 | 26758594 | 74686445 | 500.000 | 500.000 |
| 4)                          | Toxaphene-3     | 7.145 | 6.750 | 50912911 | 362.1E6  | 500.000 | 500.000 |
| 5)                          | Toxaphene-4     | 7.560 | 7.192 | 65189512 | 245.2E6  | 500.000 | 500.000 |
| 6)                          | Toxaphene-5     | 7.925 | 7.323 | 37590653 | 180.8E6  | 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\PD081825\  
Data File : PD089976.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Aug 2025 15:31  
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: Aug 19 05:12:58 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\DTX081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 05:08:50 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\PD081825\  
 Data File : PD089979.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Aug 2025 16:12  
 Operator : AR\AJ  
 Sample : PSTDICV050  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 ICVPD081825

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 19 06:09:21 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 19 05:46:23 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... | 3.547 | 2.877 | 148.0E6 | 1104.8E6 | 50.425 | 50.101 |
| 2)                          | SA Decachlor... | 9.066 | 8.065 | 215.0E6 | 1328.8E6 | 49.825 | 51.334 |
| Target Compounds            |                 |       |       |         |          |        |        |
| 2)                          | A alpha-BHC     | 3.997 | 3.389 | 316.1E6 | 1719.4E6 | 52.658 | 50.663 |
| 3)                          | MA gamma-BHC... | 4.327 | 3.725 | 299.8E6 | 1587.7E6 | 52.344 | 50.935 |
| 4)                          | MA Heptachlor   | 4.926 | 4.078 | 290.6E6 | 1584.9E6 | 51.814 | 50.812 |
| 5)                          | MB Aldrin       | 5.267 | 4.364 | 282.1E6 | 1549.9E6 | 52.098 | 50.892 |
| 6)                          | B beta-BHC      | 4.513 | 4.021 | 112.7E6 | 671.4E6  | 50.263 | 50.366 |
| 7)                          | B delta-BHC     | 4.762 | 4.258 | 282.2E6 | 1602.1E6 | 54.508 | 50.779 |
| 8)                          | B Heptachlo...  | 5.687 | 4.867 | 251.1E6 | 1398.4E6 | 51.180 | 50.493 |
| 9)                          | A Endosulfan I  | 6.071 | 5.242 | 235.3E6 | 1312.8E6 | 50.997 | 50.066 |
| 10)                         | B gamma-Chl...  | 5.942 | 5.120 | 251.4E6 | 1509.6E6 | 51.410 | 50.979 |
| 11)                         | B alpha-Chl...  | 6.023 | 5.185 | 251.3E6 | 1444.7E6 | 51.044 | 50.623 |
| 12)                         | B 4,4'-DDE      | 6.192 | 5.369 | 226.2E6 | 1468.4E6 | 51.553 | 50.945 |
| 13)                         | MA Dieldrin     | 6.343 | 5.507 | 252.2E6 | 1492.2E6 | 51.509 | 50.951 |
| 14)                         | MA Endrin       | 6.570 | 5.784 | 213.6E6 | 1370.2E6 | 51.548 | 51.448 |
| 15)                         | B Endosulfa...  | 6.782 | 6.075 | 213.5E6 | 1291.3E6 | 50.599 | 51.049 |
| 16)                         | A 4,4'-DDD      | 6.702 | 5.923 | 180.2E6 | 1235.1E6 | 52.097 | 51.367 |
| 17)                         | MA 4,4'-DDT     | 7.017 | 6.177 | 196.8E6 | 1313.1E6 | 51.657 | 52.376 |
| 18)                         | B Endrin al...  | 6.911 | 6.253 | 147.5E6 | 901.7E6  | 51.457 | 52.362 |
| 19)                         | B Endosulfa...  | 7.146 | 6.476 | 198.4E6 | 1242.6E6 | 50.637 | 50.967 |
| 20)                         | A Methoxychlor  | 7.489 | 6.748 | 101.2E6 | 670.7E6  | 50.479 | 52.013 |
| 21)                         | B Endrin ke...  | 7.626 | 6.985 | 211.8E6 | 1352.9E6 | 51.109 | 50.777 |
| 22)                         | Mirex           | 8.109 | 7.179 | 155.8E6 | 1047.3E6 | 49.396 | 50.704 |
| -----                       |                 |       |       |         |          |        |        |

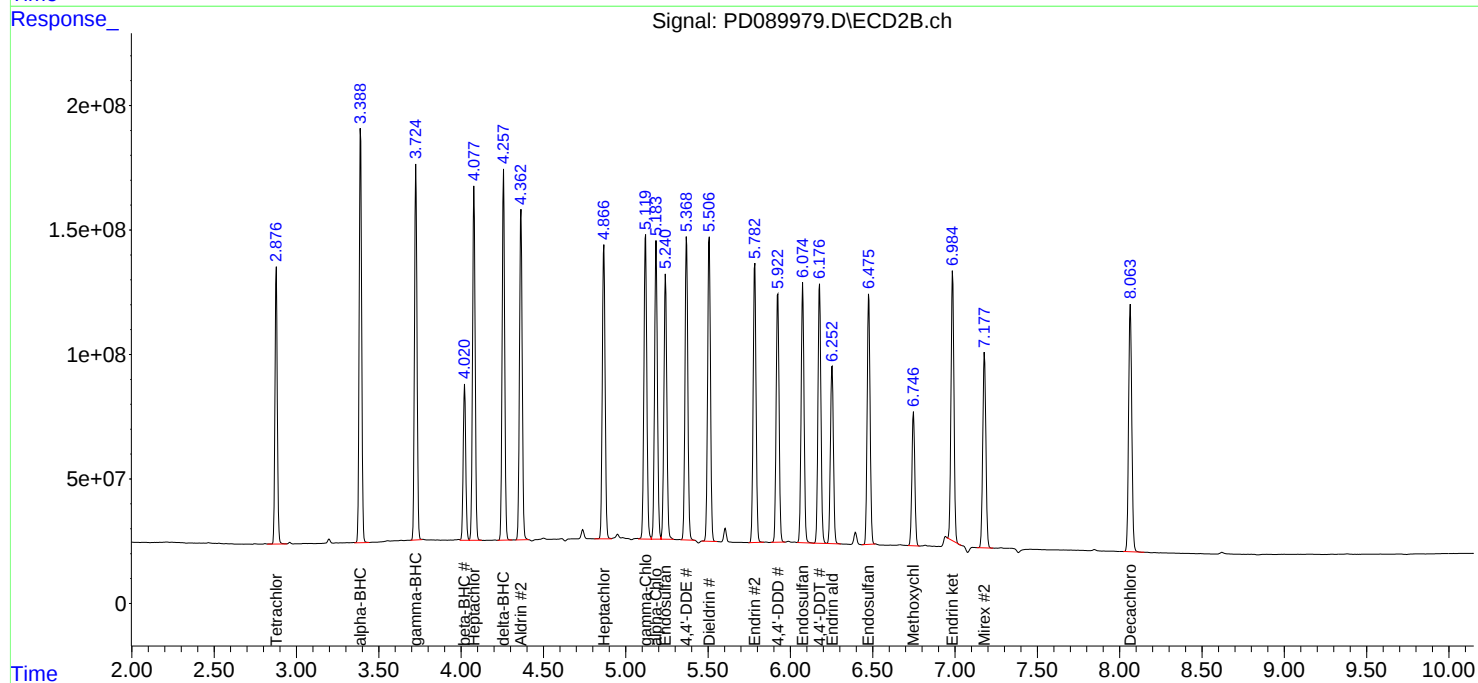
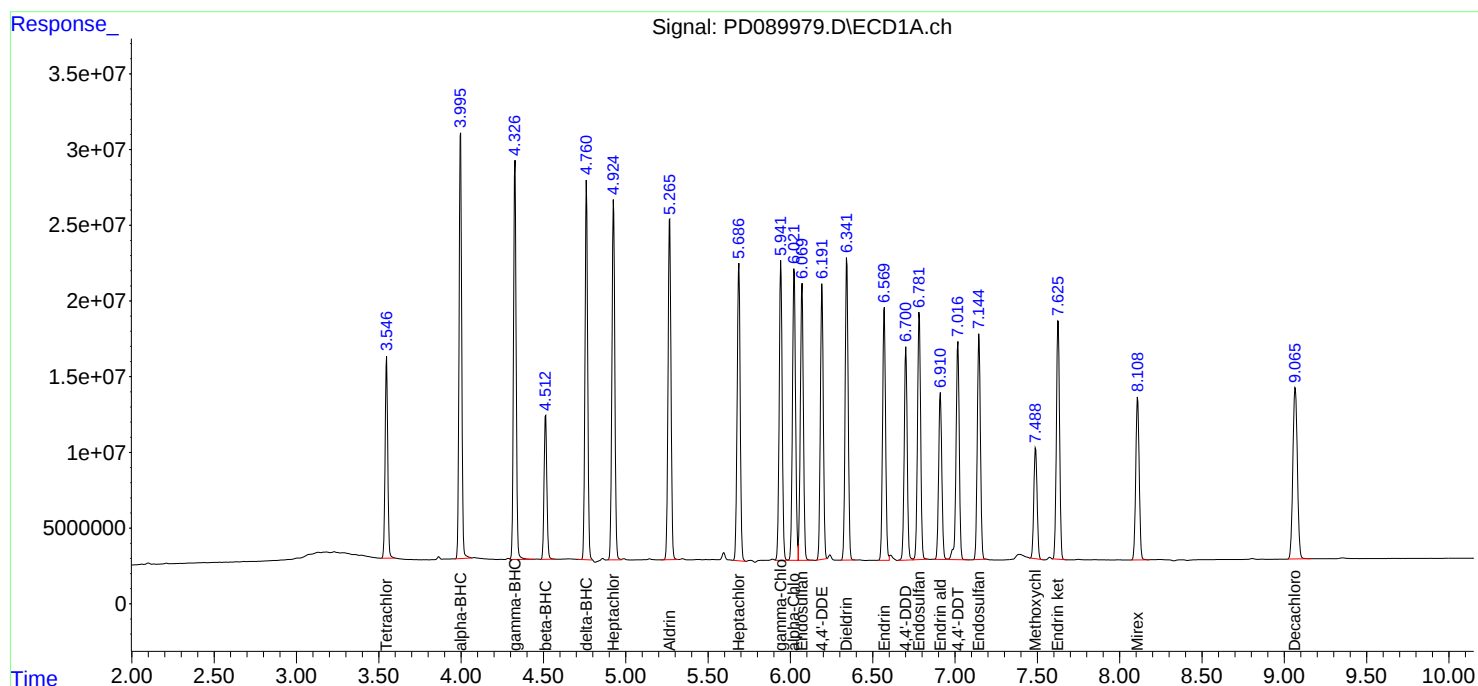
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081825\  
Data File : PD089979.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Aug 2025 16:12  
Operator : AR\AJ  
Sample : PSTDICV050  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD081825

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 19 06:09:21 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 05:46:23 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\PD081825\  
 Data File : PD089980.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Aug 2025 16:25  
 Operator : AR\AJ  
 Sample : PCHLORICV500  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 ICVPD081825CHLOR

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 19 05:05:15 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 19 03:46:26 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... | 3.547 | 2.877 | 105.2E6  | 1009.9E6 | 47.724  | 48.214  |
| 28)                         | SA Decachlor... | 9.067 | 8.065 | 156.5E6  | 982.1E6  | 45.517  | 45.545  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 23)                         | Chlordane-1     | 4.711 | 3.901 | 88163651 | 447.4E6  | 489.158 | 478.122 |
| 24)                         | Chlordane-2     | 5.238 | 4.482 | 87662486 | 462.8E6  | 473.296 | 475.602 |
| 25)                         | Chlordane-3     | 5.942 | 5.120 | 344.8E6  | 1382.8E6 | 484.372 | 478.925 |
| 26)                         | Chlordane-4     | 6.028 | 5.184 | 421.7E6  | 1188.7E6 | 480.947 | 478.047 |
| 27)                         | Chlordane-5     | 6.867 | 6.084 | 71655081 | 555.0E6  | 481.570 | 479.176 |
| -----                       |                 |       |       |          |          |         |         |

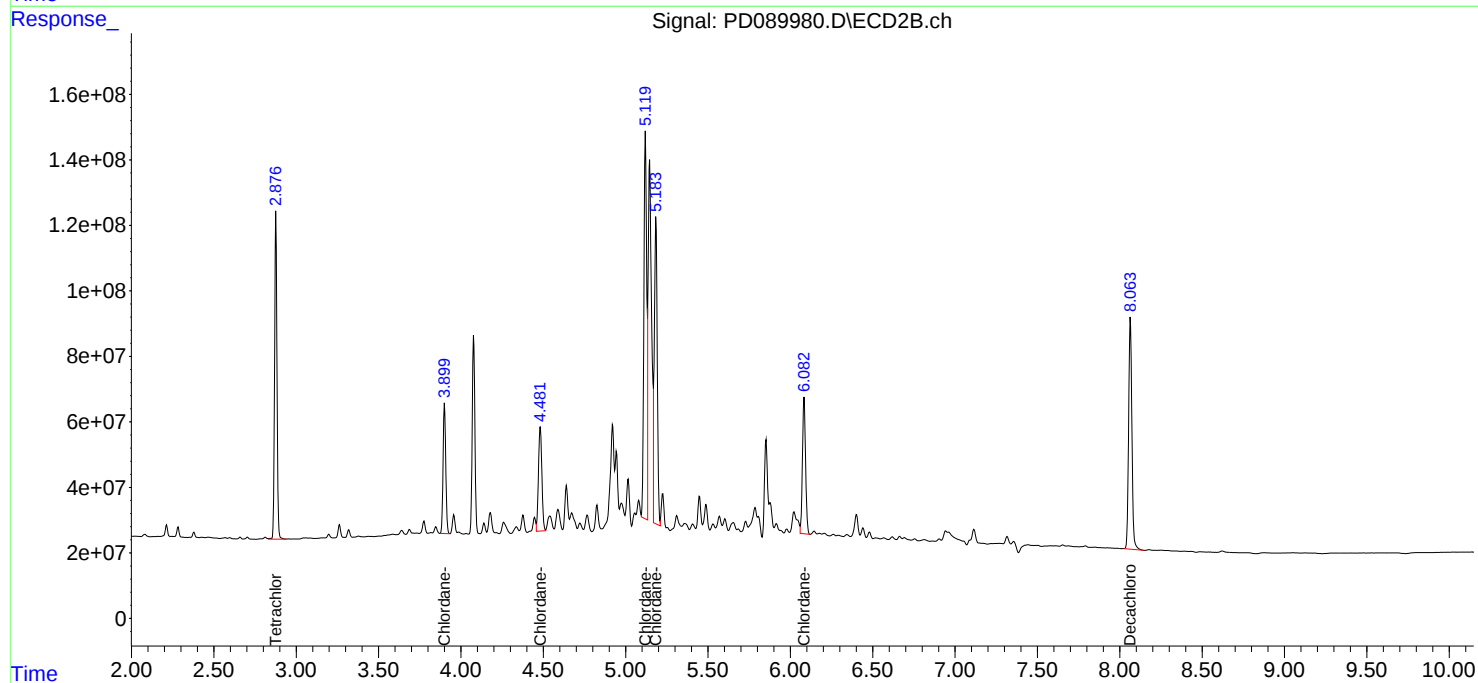
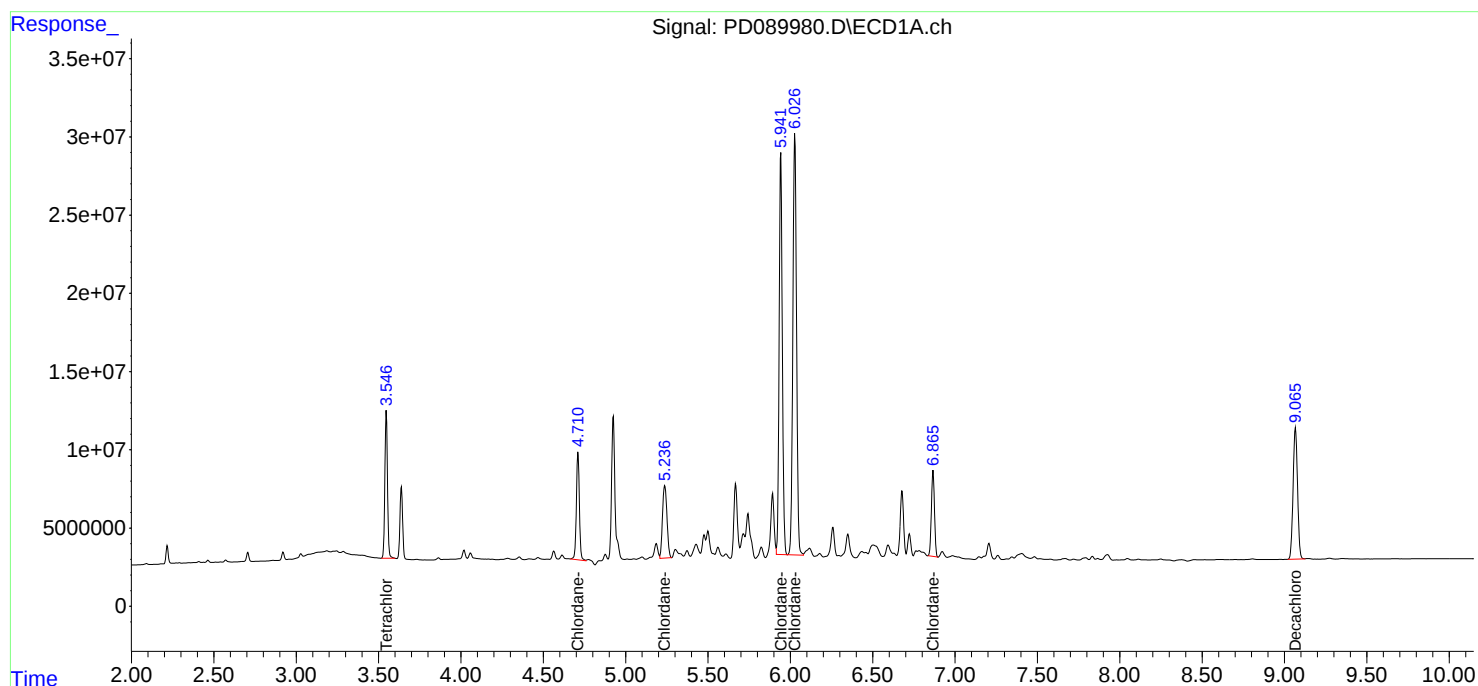
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081825\  
Data File : PD089980.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Aug 2025 16:25  
Operator : AR\AJ  
Sample : PCHLORICV500  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
ICVPD081825CHLOR

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 19 05:05:15 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 03:46:26 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081825\  
 Data File : PD089981.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Aug 2025 16:39  
 Operator : AR\AJ  
 Sample : PTOXICV500  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 ICVPD081825TOX

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 19 05:42:48 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\DTX081825.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 19 05:29:19 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

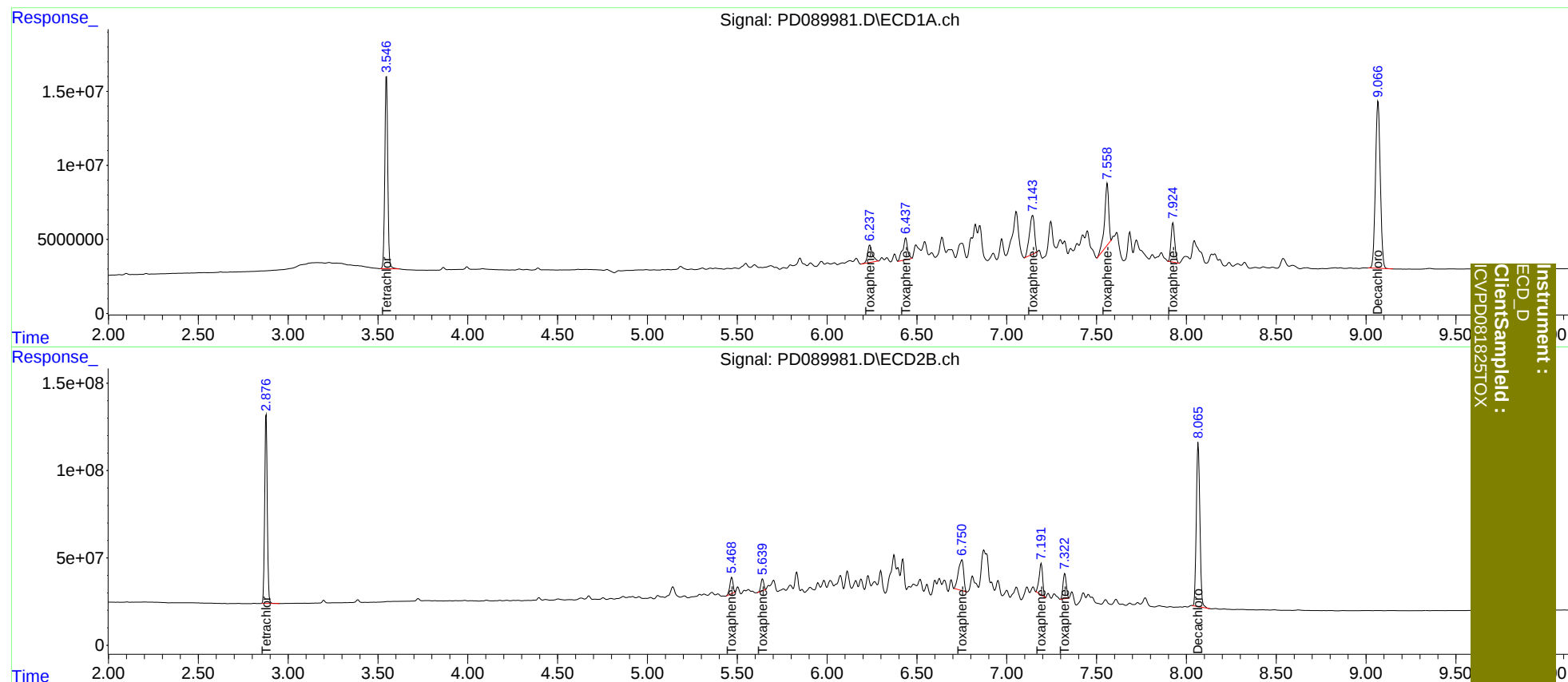
| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|----------|---------|---------|
| -----                       |       |       |          |          |         |         |
| System Monitoring Compounds |       |       |          |          |         |         |
| 1) SA Tetrachlo...          | 3.547 | 2.878 | 147.4E6  | 1090.9E6 | 49.435  | 48.864  |
| 7) SA Decachlor...          | 9.067 | 8.066 | 210.4E6  | 1287.6E6 | 48.582  | 48.517  |
| Target Compounds            |       |       |          |          |         |         |
| 2) Toxaphene-1              | 6.238 | 5.470 | 21450919 | 113.5E6  | 495.376 | 495.411 |
| 3) Toxaphene-2              | 6.438 | 5.641 | 27421972 | 73778939 | 493.518 | 480.874 |
| 4) Toxaphene-3              | 7.144 | 6.751 | 51705419 | 359.6E6  | 490.391 | 495.621 |
| 5) Toxaphene-4              | 7.560 | 7.192 | 67201792 | 244.5E6  | 498.414 | 493.052 |
| 6) Toxaphene-5              | 7.925 | 7.323 | 37867351 | 181.2E6  | 492.416 | 504.674 |
| -----                       |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081825\  
Data File : PD089981.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Aug 2025 16:39  
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: Aug 19 05:42:48 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\DTX081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 05:29:19 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



Instrument :  
ECD\_D  
ClientSample :  
IC/PPD081825TOX



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Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Continuing Calib Date: 09/08/2025

Initial Calibration Date(s): 08/18/2025

08/18/2025

Continuing Calib Time: 10:26

Initial Calibration Time(s): 11:25

12:20

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       | 4.51      | 4.41      | 4.61 | -0.01      |
| delta-BHC            | 4.77       | 4.76      | 4.66      | 4.86 | -0.01      |
| gamma-BHC (Lindane)  | 4.33       | 4.33      | 4.23      | 4.43 | 0.00       |
| Heptachlor           | 4.93       | 4.93      | 4.83      | 5.03 | 0.00       |
| Aldrin               | 5.27       | 5.27      | 5.17      | 5.37 | 0.00       |
| Heptachlor epoxide   | 5.69       | 5.69      | 5.59      | 5.79 | 0.00       |
| Endosulfan I         | 6.08       | 6.07      | 5.97      | 6.17 | 0.00       |
| Dieldrin             | 6.35       | 6.34      | 6.24      | 6.44 | -0.01      |
| 4,4'-DDE             | 6.20       | 6.19      | 6.09      | 6.29 | -0.01      |
| Endrin               | 6.58       | 6.57      | 6.47      | 6.67 | 0.00       |
| Endosulfan II        | 6.79       | 6.78      | 6.68      | 6.88 | -0.01      |
| 4,4'-DDD             | 6.71       | 6.70      | 6.60      | 6.80 | 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       | 6.91      | 6.81      | 7.01 | 0.00       |
| alpha-Chlordane      | 6.03       | 6.02      | 5.92      | 6.12 | -0.01      |
| gamma-Chlordane      | 5.95       | 5.94      | 5.84      | 6.04 | -0.01      |



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### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Continuing Calib Date: 09/08/2025

Initial Calibration Date(s): 08/18/2025

08/18/2025

Continuing Calib Time: 10:26

Initial Calibration Time(s): 11:25

12:20

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

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 8.06       | 8.07      | 7.97      | 8.17 | 0.01       |
| 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       | 4.02      | 3.92      | 4.12 | 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 | 0.01       |
| Heptachlor           | 4.08       | 4.08      | 3.98      | 4.18 | 0.00       |
| Aldrin               | 4.36       | 4.36      | 4.26      | 4.46 | 0.00       |
| Heptachlor epoxide   | 4.87       | 4.87      | 4.77      | 4.97 | 0.00       |
| Endosulfan I         | 5.24       | 5.24      | 5.14      | 5.34 | 0.00       |
| Dieldrin             | 5.51       | 5.51      | 5.41      | 5.61 | 0.00       |
| 4,4'-DDE             | 5.37       | 5.37      | 5.27      | 5.47 | 0.00       |
| Endrin               | 5.78       | 5.78      | 5.68      | 5.88 | 0.00       |
| Endosulfan II        | 6.07       | 6.08      | 5.98      | 6.18 | 0.01       |
| 4,4'-DDD             | 5.92       | 5.92      | 5.82      | 6.02 | 0.00       |
| Endosulfan sulfate   | 6.48       | 6.48      | 6.38      | 6.58 | 0.01       |
| 4,4'-DDT             | 6.18       | 6.18      | 6.08      | 6.28 | 0.00       |
| Methoxychlor         | 6.75       | 6.75      | 6.65      | 6.85 | 0.00       |
| Endrin ketone        | 6.98       | 6.99      | 6.89      | 7.09 | 0.01       |
| Endrin aldehyde      | 6.25       | 6.25      | 6.15      | 6.35 | 0.00       |
| alpha-Chlordane      | 5.18       | 5.19      | 5.09      | 5.29 | 0.01       |
| gamma-Chlordane      | 5.12       | 5.12      | 5.02      | 5.22 | 0.00       |



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### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ZUCC01  
**Lab Code:** ACE **SDG NO.:** Q3032  
**GC Column:** ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/18/2025 08/18/2025

**Client Sample No.:** CCAL01 **Date Analyzed:** 09/08/2025  
**Lab Sample No.:** PSTDCCC050 **Data File :** PD090184.D **Time Analyzed:** 10:26

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| 4,4'-DDD             | 6.705 | 6.602     | 6.802 | 53.070             | 50.000            | 6.1   |
| 4,4'-DDE             | 6.197 | 6.092     | 6.292 | 52.240             | 50.000            | 4.5   |
| 4,4'-DDT             | 7.021 | 6.918     | 7.118 | 42.620             | 50.000            | -14.8 |
| Aldrin               | 5.272 | 5.167     | 5.367 | 55.000             | 50.000            | 10.0  |
| alpha-BHC            | 4.002 | 3.897     | 4.097 | 56.190             | 50.000            | 12.4  |
| alpha-Chlordane      | 6.027 | 5.924     | 6.124 | 52.730             | 50.000            | 5.5   |
| beta-BHC             | 4.519 | 4.414     | 4.614 | 53.430             | 50.000            | 6.9   |
| Decachlorobiphenyl   | 9.071 | 8.967     | 9.167 | 44.920             | 50.000            | -10.2 |
| delta-BHC            | 4.767 | 4.662     | 4.862 | 59.210             | 50.000            | 18.4  |
| Dieldrin             | 6.347 | 6.244     | 6.444 | 52.480             | 50.000            | 5.0   |
| Endosulfan I         | 6.075 | 5.971     | 6.171 | 52.330             | 50.000            | 4.7   |
| Endosulfan II        | 6.787 | 6.683     | 6.883 | 50.670             | 50.000            | 1.3   |
| Endosulfan sulfate   | 7.150 | 7.047     | 7.247 | 49.400             | 50.000            | -1.2  |
| Endrin               | 6.575 | 6.471     | 6.671 | 46.010             | 50.000            | -8.0  |
| Endrin aldehyde      | 6.915 | 6.812     | 7.012 | 51.780             | 50.000            | 3.6   |
| Endrin ketone        | 7.630 | 7.527     | 7.727 | 50.890             | 50.000            | 1.8   |
| gamma-BHC (Lindane)  | 4.333 | 4.228     | 4.428 | 55.240             | 50.000            | 10.5  |
| gamma-Chlordane      | 5.947 | 5.843     | 6.043 | 54.220             | 50.000            | 8.4   |
| Heptachlor           | 4.930 | 4.826     | 5.026 | 52.020             | 50.000            | 4.0   |
| Heptachlor epoxide   | 5.691 | 5.587     | 5.787 | 53.170             | 50.000            | 6.3   |
| Methoxychlor         | 7.494 | 7.390     | 7.590 | 44.130             | 50.000            | -11.7 |
| Tetrachloro-m-xylene | 3.552 | 3.448     | 3.648 | 51.740             | 50.000            | 3.5   |



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### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ZUCC01  
**Lab Code:** ACE **SDG NO.:** Q3032  
**GC Column:** ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/18/2025 08/18/2025

**Client Sample No.:** CCAL01 **Date Analyzed:** 09/08/2025  
**Lab Sample No.:** PSTDCCC050 **Data File :** PD090184.D **Time Analyzed:** 10:26

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| 4,4'-DDD             | 5.923 | 5.824     | 6.024 | 53.190             | 50.000            | 6.4   |
| 4,4'-DDE             | 5.369 | 5.269     | 5.469 | 52.870             | 50.000            | 5.7   |
| 4,4'-DDT             | 6.176 | 6.078     | 6.278 | 44.640             | 50.000            | -10.7 |
| Aldrin               | 4.363 | 4.264     | 4.464 | 53.740             | 50.000            | 7.5   |
| alpha-BHC            | 3.389 | 3.290     | 3.490 | 53.820             | 50.000            | 7.6   |
| alpha-Chlordane      | 5.184 | 5.085     | 5.285 | 53.110             | 50.000            | 6.2   |
| beta-BHC             | 4.021 | 3.921     | 4.121 | 53.180             | 50.000            | 6.4   |
| Decachlorobiphenyl   | 8.064 | 7.965     | 8.165 | 42.470             | 50.000            | -15.1 |
| delta-BHC            | 4.257 | 4.158     | 4.358 | 53.390             | 50.000            | 6.8   |
| Dieldrin             | 5.506 | 5.407     | 5.607 | 52.560             | 50.000            | 5.1   |
| Endosulfan I         | 5.241 | 5.142     | 5.342 | 53.030             | 50.000            | 6.1   |
| Endosulfan II        | 6.073 | 5.975     | 6.175 | 51.460             | 50.000            | 2.9   |
| Endosulfan sulfate   | 6.475 | 6.377     | 6.577 | 49.690             | 50.000            | -0.6  |
| Endrin               | 5.782 | 5.684     | 5.884 | 44.890             | 50.000            | -10.2 |
| Endrin aldehyde      | 6.252 | 6.153     | 6.353 | 52.820             | 50.000            | 5.6   |
| Endrin ketone        | 6.984 | 6.886     | 7.086 | 51.680             | 50.000            | 3.4   |
| gamma-BHC (Lindane)  | 3.725 | 3.626     | 3.826 | 54.020             | 50.000            | 8.0   |
| gamma-Chlordane      | 5.119 | 5.020     | 5.220 | 53.690             | 50.000            | 7.4   |
| Heptachlor           | 4.078 | 3.978     | 4.178 | 50.160             | 50.000            | 0.3   |
| Heptachlor epoxide   | 4.867 | 4.767     | 4.967 | 53.100             | 50.000            | 6.2   |
| Methoxychlor         | 6.747 | 6.649     | 6.849 | 45.470             | 50.000            | -9.1  |
| Tetrachloro-m-xylene | 2.877 | 2.778     | 2.978 | 51.780             | 50.000            | 3.6   |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090825\  
 Data File : PD090184.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Sep 2025 10:26  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 09 01:40:59 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 19 13:16:54 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 | 2.877 | 151.8E6  | 1141.8E6 | 51.736 | 51.783 |
| 28)                         | SA Decachlor... | 9.071 | 8.064 | 193.9E6  | 1099.4E6 | 44.923 | 42.470 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 4.002 | 3.389 | 337.3E6  | 1826.6E6 | 56.193 | 53.821 |
| 3)                          | MA gamma-BHC... | 4.333 | 3.725 | 316.3E6  | 1683.8E6 | 55.236 | 54.019 |
| 4)                          | MA Heptachlor   | 4.930 | 4.078 | 291.8E6  | 1564.4E6 | 52.023 | 50.156 |
| 5)                          | MB Aldrin       | 5.272 | 4.363 | 297.8E6  | 1636.7E6 | 54.997 | 53.739 |
| 6)                          | B beta-BHC      | 4.519 | 4.021 | 119.8E6  | 708.9E6  | 53.432 | 53.179 |
| 7)                          | B delta-BHC     | 4.767 | 4.257 | 306.5E6  | 1684.3E6 | 59.205 | 53.385 |
| 8)                          | B Heptachlo...  | 5.691 | 4.867 | 260.9E6  | 1470.5E6 | 53.168 | 53.095 |
| 9)                          | A Endosulfan I  | 6.075 | 5.241 | 241.5E6  | 1390.7E6 | 52.328 | 53.035 |
| 10)                         | B gamma-Chl...  | 5.947 | 5.119 | 265.2E6  | 1589.8E6 | 54.216 | 53.690 |
| 11)                         | B alpha-Chl...  | 6.027 | 5.184 | 259.6E6  | 1515.7E6 | 52.729 | 53.111 |
| 12)                         | B 4,4'-DDE      | 6.197 | 5.369 | 229.2E6  | 1523.8E6 | 52.235 | 52.869 |
| 13)                         | MA Dieldrin     | 6.347 | 5.506 | 256.9E6  | 1539.4E6 | 52.483 | 52.564 |
| 14)                         | MA Endrin       | 6.575 | 5.782 | 190.6E6  | 1195.6E6 | 46.007 | 44.892 |
| 15)                         | B Endosulfa...  | 6.787 | 6.073 | 213.8E6  | 1301.7E6 | 50.667 | 51.462 |
| 16)                         | A 4,4'-DDD      | 6.705 | 5.923 | 183.6E6  | 1278.9E6 | 53.068 | 53.189 |
| 17)                         | MA 4,4'-DDT     | 7.021 | 6.176 | 162.4E6  | 1119.2E6 | 42.618 | 44.644 |
| 18)                         | B Endrin al...  | 6.915 | 6.252 | 148.5E6  | 909.5E6  | 51.784 | 52.818 |
| 19)                         | B Endosulfa...  | 7.150 | 6.475 | 193.6E6  | 1211.5E6 | 49.401 | 49.695 |
| 20)                         | A Methoxychlor  | 7.494 | 6.747 | 88500712 | 586.4E6  | 44.126 | 45.475 |
| 21)                         | B Endrin ke...  | 7.630 | 6.984 | 210.9E6  | 1376.9E6 | 50.894 | 51.678 |
| 22)                         | Mirex           | 8.114 | 7.177 | 147.1E6  | 964.7E6  | 46.625 | 46.702 |
| -----                       |                 |       |       |          |          |        |        |

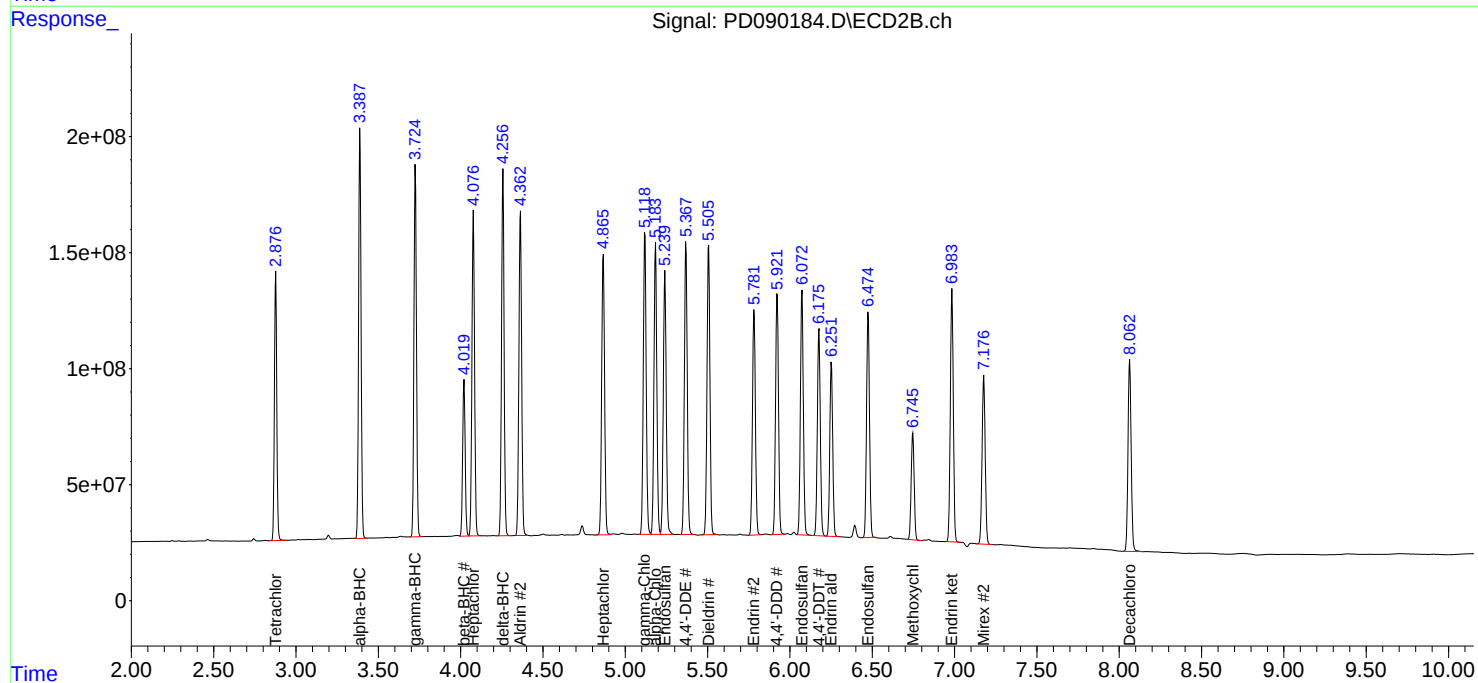
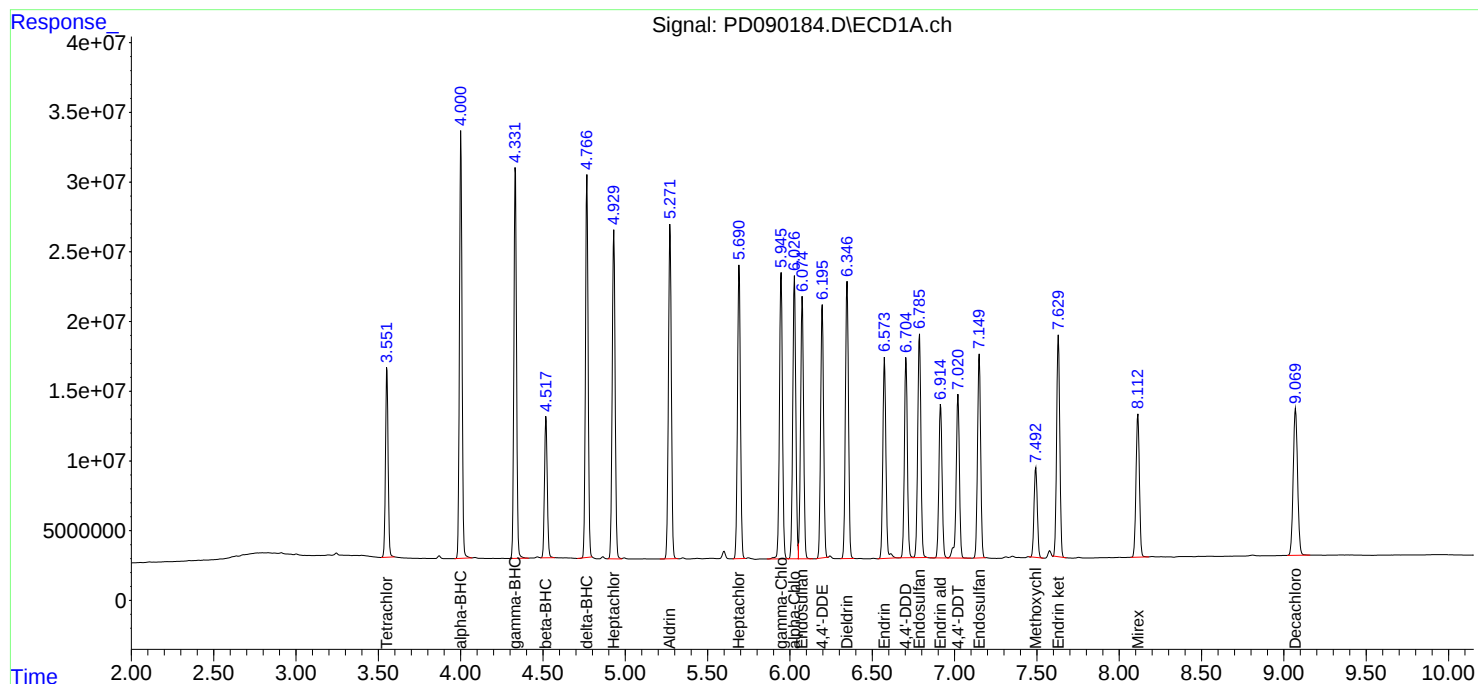
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090825\  
Data File : PD090184.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Sep 2025 10:26  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 09 01:40:59 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 13:16:54 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: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Continuing Calib Date: 09/08/2025

Initial Calibration Date(s): 08/18/2025

08/18/2025

Continuing Calib Time: 16:26

Initial Calibration Time(s): 11:25

12:20

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

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 9.08       | 9.07      | 8.97      | 9.17 | 0.00       |
| Tetrachloro-m-xylene | 3.56       | 3.55      | 3.45      | 3.65 | -0.01      |
| alpha-BHC            | 4.00       | 4.00      | 3.90      | 4.10 | 0.00       |
| beta-BHC             | 4.52       | 4.51      | 4.41      | 4.61 | -0.01      |
| delta-BHC            | 4.77       | 4.76      | 4.66      | 4.86 | -0.01      |
| gamma-BHC (Lindane)  | 4.34       | 4.33      | 4.23      | 4.43 | -0.01      |
| Heptachlor           | 4.93       | 4.93      | 4.83      | 5.03 | 0.00       |
| Aldrin               | 5.28       | 5.27      | 5.17      | 5.37 | -0.01      |
| Heptachlor epoxide   | 5.70       | 5.69      | 5.59      | 5.79 | -0.01      |
| Endosulfan I         | 6.08       | 6.07      | 5.97      | 6.17 | -0.01      |
| Dieldrin             | 6.35       | 6.34      | 6.24      | 6.44 | -0.01      |
| 4,4'-DDE             | 6.20       | 6.19      | 6.09      | 6.29 | -0.01      |
| Endrin               | 6.58       | 6.57      | 6.47      | 6.67 | -0.01      |
| Endosulfan II        | 6.79       | 6.78      | 6.68      | 6.88 | -0.01      |
| 4,4'-DDD             | 6.71       | 6.70      | 6.60      | 6.80 | -0.01      |
| Endosulfan sulfate   | 7.15       | 7.15      | 7.05      | 7.25 | 0.00       |
| 4,4'-DDT             | 7.03       | 7.02      | 6.92      | 7.12 | -0.01      |
| Methoxychlor         | 7.50       | 7.49      | 7.39      | 7.59 | -0.01      |
| Endrin ketone        | 7.63       | 7.63      | 7.53      | 7.73 | 0.00       |
| Endrin aldehyde      | 6.92       | 6.91      | 6.81      | 7.01 | -0.01      |
| alpha-Chlordane      | 6.03       | 6.02      | 5.92      | 6.12 | -0.01      |
| gamma-Chlordane      | 5.95       | 5.94      | 5.84      | 6.04 | -0.01      |



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Fax : 908 789 8922

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Continuing Calib Date: 09/08/2025

Initial Calibration Date(s): 08/18/2025

08/18/2025

Continuing Calib Time: 16:26

Initial Calibration Time(s): 11:25

12:20

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       | 4.02      | 3.92      | 4.12 | 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               | 4.36       | 4.36      | 4.26      | 4.46 | 0.00       |
| Heptachlor epoxide   | 4.87       | 4.87      | 4.77      | 4.97 | 0.00       |
| Endosulfan I         | 5.24       | 5.24      | 5.14      | 5.34 | 0.00       |
| Dieldrin             | 5.51       | 5.51      | 5.41      | 5.61 | 0.00       |
| 4,4'-DDE             | 5.37       | 5.37      | 5.27      | 5.47 | 0.00       |
| Endrin               | 5.78       | 5.78      | 5.68      | 5.88 | 0.00       |
| Endosulfan II        | 6.08       | 6.08      | 5.98      | 6.18 | 0.01       |
| 4,4'-DDD             | 5.92       | 5.92      | 5.82      | 6.02 | 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       | 6.75      | 6.65      | 6.85 | 0.00       |
| Endrin ketone        | 6.99       | 6.99      | 6.89      | 7.09 | 0.00       |
| Endrin aldehyde      | 6.25       | 6.25      | 6.15      | 6.35 | 0.00       |
| alpha-Chlordane      | 5.18       | 5.19      | 5.09      | 5.29 | 0.01       |
| gamma-Chlordane      | 5.12       | 5.12      | 5.02      | 5.22 | 0.00       |



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### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ZUCC01  
**Lab Code:** ACE **SDG NO.:** Q3032  
**GC Column:** ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/18/2025 08/18/2025

**Client Sample No.:** CCAL02 **Date Analyzed:** 09/08/2025  
**Lab Sample No.:** PSTDCCC050 **Data File :** PD090195.D **Time Analyzed:** 16:26

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| 4,4'-DDD             | 6.709 | 6.602     | 6.802 | 51.260             | 50.000            | 2.5   |
| 4,4'-DDE             | 6.200 | 6.092     | 6.292 | 51.310             | 50.000            | 2.6   |
| 4,4'-DDT             | 7.025 | 6.918     | 7.118 | 42.480             | 50.000            | -15.0 |
| Aldrin               | 5.275 | 5.167     | 5.367 | 53.130             | 50.000            | 6.3   |
| alpha-BHC            | 4.004 | 3.897     | 4.097 | 55.450             | 50.000            | 10.9  |
| alpha-Chlordane      | 6.031 | 5.924     | 6.124 | 51.770             | 50.000            | 3.5   |
| beta-BHC             | 4.522 | 4.414     | 4.614 | 53.030             | 50.000            | 6.1   |
| Decachlorobiphenyl   | 9.075 | 8.967     | 9.167 | 46.100             | 50.000            | -7.8  |
| delta-BHC            | 4.768 | 4.662     | 4.862 | 59.320             | 50.000            | 18.6  |
| Dieldrin             | 6.351 | 6.244     | 6.444 | 50.740             | 50.000            | 1.5   |
| Endosulfan I         | 6.078 | 5.971     | 6.171 | 51.310             | 50.000            | 2.6   |
| Endosulfan II        | 6.790 | 6.683     | 6.883 | 49.020             | 50.000            | -2.0  |
| Endosulfan sulfate   | 7.154 | 7.047     | 7.247 | 47.820             | 50.000            | -4.4  |
| Endrin               | 6.578 | 6.471     | 6.671 | 44.370             | 50.000            | -11.3 |
| Endrin aldehyde      | 6.919 | 6.812     | 7.012 | 50.550             | 50.000            | 1.1   |
| Endrin ketone        | 7.632 | 7.527     | 7.727 | 48.390             | 50.000            | -3.2  |
| gamma-BHC (Lindane)  | 4.335 | 4.228     | 4.428 | 55.150             | 50.000            | 10.3  |
| gamma-Chlordane      | 5.950 | 5.843     | 6.043 | 52.850             | 50.000            | 5.7   |
| Heptachlor           | 4.933 | 4.826     | 5.026 | 51.820             | 50.000            | 3.6   |
| Heptachlor epoxide   | 5.695 | 5.587     | 5.787 | 51.560             | 50.000            | 3.1   |
| Methoxychlor         | 7.497 | 7.390     | 7.590 | 44.620             | 50.000            | -10.8 |
| Tetrachloro-m-xylene | 3.555 | 3.448     | 3.648 | 50.690             | 50.000            | 1.4   |



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### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Contract: ZUCC01

Lab Code: ACE SDG NO.: Q3032

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 08/18/2025 08/18/2025

Client Sample No.: CCAL02 Date Analyzed: 09/08/2025

Lab Sample No.: PSTDCCC050 Data File : PD090195.D Time Analyzed: 16:26

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| 4,4'-DDD             | 5.924 | 5.824     | 6.024 | 52.550             | 50.000            | 5.1   |
| 4,4'-DDE             | 5.370 | 5.269     | 5.469 | 51.160             | 50.000            | 2.3   |
| 4,4'-DDT             | 6.178 | 6.078     | 6.278 | 44.710             | 50.000            | -10.6 |
| Aldrin               | 4.363 | 4.264     | 4.464 | 53.040             | 50.000            | 6.1   |
| alpha-BHC            | 3.389 | 3.290     | 3.490 | 53.270             | 50.000            | 6.5   |
| alpha-Chlordane      | 5.184 | 5.085     | 5.285 | 51.390             | 50.000            | 2.8   |
| beta-BHC             | 4.021 | 3.921     | 4.121 | 52.700             | 50.000            | 5.4   |
| Decachlorobiphenyl   | 8.066 | 7.965     | 8.165 | 40.630             | 50.000            | -18.7 |
| delta-BHC            | 4.258 | 4.158     | 4.358 | 53.150             | 50.000            | 6.3   |
| Dieldrin             | 5.507 | 5.407     | 5.607 | 51.240             | 50.000            | 2.5   |
| Endosulfan I         | 5.242 | 5.142     | 5.342 | 51.490             | 50.000            | 3.0   |
| Endosulfan II        | 6.075 | 5.975     | 6.175 | 49.650             | 50.000            | -0.7  |
| Endosulfan sulfate   | 6.477 | 6.377     | 6.577 | 47.960             | 50.000            | -4.1  |
| Endrin               | 5.784 | 5.684     | 5.884 | 46.010             | 50.000            | -8.0  |
| Endrin aldehyde      | 6.253 | 6.153     | 6.353 | 51.080             | 50.000            | 2.2   |
| Endrin ketone        | 6.986 | 6.886     | 7.086 | 47.540             | 50.000            | -4.9  |
| gamma-BHC (Lindane)  | 3.726 | 3.626     | 3.826 | 53.250             | 50.000            | 6.5   |
| gamma-Chlordane      | 5.120 | 5.020     | 5.220 | 51.970             | 50.000            | 3.9   |
| Heptachlor           | 4.078 | 3.978     | 4.178 | 50.930             | 50.000            | 1.9   |
| Heptachlor epoxide   | 4.867 | 4.767     | 4.967 | 52.090             | 50.000            | 4.2   |
| Methoxychlor         | 6.748 | 6.649     | 6.849 | 46.820             | 50.000            | -6.4  |
| Tetrachloro-m-xylene | 2.877 | 2.778     | 2.978 | 51.420             | 50.000            | 2.8   |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090825\  
 Data File : PD090195.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Sep 2025 16:26  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

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

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 09 01:42:45 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 19 13:16:54 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml  |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|--------|
| -----                       |                 |       |       |          |          |         |        |
| System Monitoring Compounds |                 |       |       |          |          |         |        |
| 1)                          | SA Tetrachlo... | 3.555 | 2.877 | 148.8E6  | 1133.8E6 | 50.694  | 51.417 |
| 28)                         | SA Decachlor... | 9.075 | 8.066 | 198.9E6  | 1051.9E6 | 46.096  | 40.635 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 4.004 | 3.389 | 332.8E6  | 1808.1E6 | 55.449  | 53.275 |
| 3)                          | MA gamma-BHC... | 4.335 | 3.726 | 315.8E6  | 1659.9E6 | 55.151  | 53.251 |
| 4)                          | MA Heptachlor   | 4.933 | 4.078 | 290.7E6  | 1588.5E6 | 51.820  | 50.928 |
| 5)                          | MB Aldrin       | 5.275 | 4.363 | 287.7E6  | 1615.3E6 | 53.132  | 53.037 |
| 6)                          | B beta-BHC      | 4.522 | 4.021 | 119.0E6  | 702.5E6  | 53.032  | 52.702 |
| 7)                          | B delta-BHC     | 4.768 | 4.258 | 307.1E6  | 1676.9E6 | 59.320m | 53.150 |
| 8)                          | B Heptachlo...  | 5.695 | 4.867 | 253.0E6  | 1442.5E6 | 51.559  | 52.087 |
| 9)                          | A Endosulfan I  | 6.078 | 5.242 | 236.8E6  | 1350.1E6 | 51.307  | 51.489 |
| 10)                         | B gamma-Chl...  | 5.950 | 5.120 | 258.5E6  | 1538.9E6 | 52.849  | 51.971 |
| 11)                         | B alpha-Chl...  | 6.031 | 5.184 | 254.8E6  | 1466.5E6 | 51.772  | 51.388 |
| 12)                         | B 4,4'-DDE      | 6.200 | 5.370 | 225.2E6  | 1474.6E6 | 51.311  | 51.161 |
| 13)                         | MA Dieldrin     | 6.351 | 5.507 | 248.4E6  | 1500.7E6 | 50.739  | 51.241 |
| 14)                         | MA Endrin       | 6.578 | 5.784 | 183.9E6  | 1225.3E6 | 44.372  | 46.007 |
| 15)                         | B Endosulfa...  | 6.790 | 6.075 | 206.9E6  | 1255.9E6 | 49.023  | 49.652 |
| 16)                         | A 4,4'-DDD      | 6.709 | 5.924 | 177.3E6  | 1263.5E6 | 51.262  | 52.551 |
| 17)                         | MA 4,4'-DDT     | 7.025 | 6.178 | 161.8E6  | 1120.9E6 | 42.481  | 44.712 |
| 18)                         | B Endrin al...  | 6.919 | 6.253 | 144.9E6  | 879.6E6  | 50.549  | 51.083 |
| 19)                         | B Endosulfa...  | 7.154 | 6.477 | 187.4E6  | 1169.3E6 | 47.822  | 47.961 |
| 20)                         | A Methoxychlor  | 7.497 | 6.748 | 89482759 | 603.7E6  | 44.616  | 46.817 |
| 21)                         | B Endrin ke...  | 7.632 | 6.986 | 200.5E6  | 1266.6E6 | 48.388m | 47.539 |
| 22)                         | Mirex           | 8.116 | 7.179 | 140.1E6  | 893.6E6  | 44.426  | 43.260 |
| -----                       |                 |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090825\  
Data File : PD090195.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Sep 2025 16:26  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_D

## ClientSampleId :

PSTDCCC050

## Manual Integrations

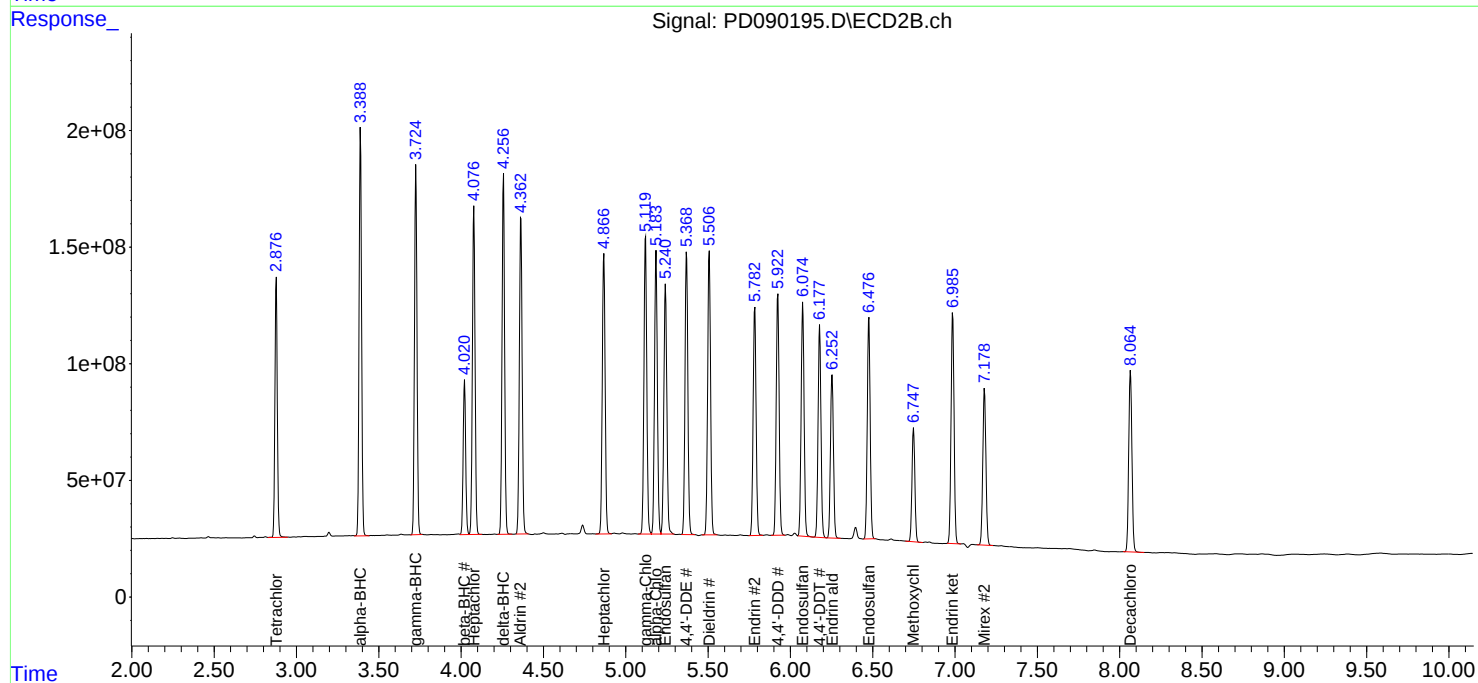
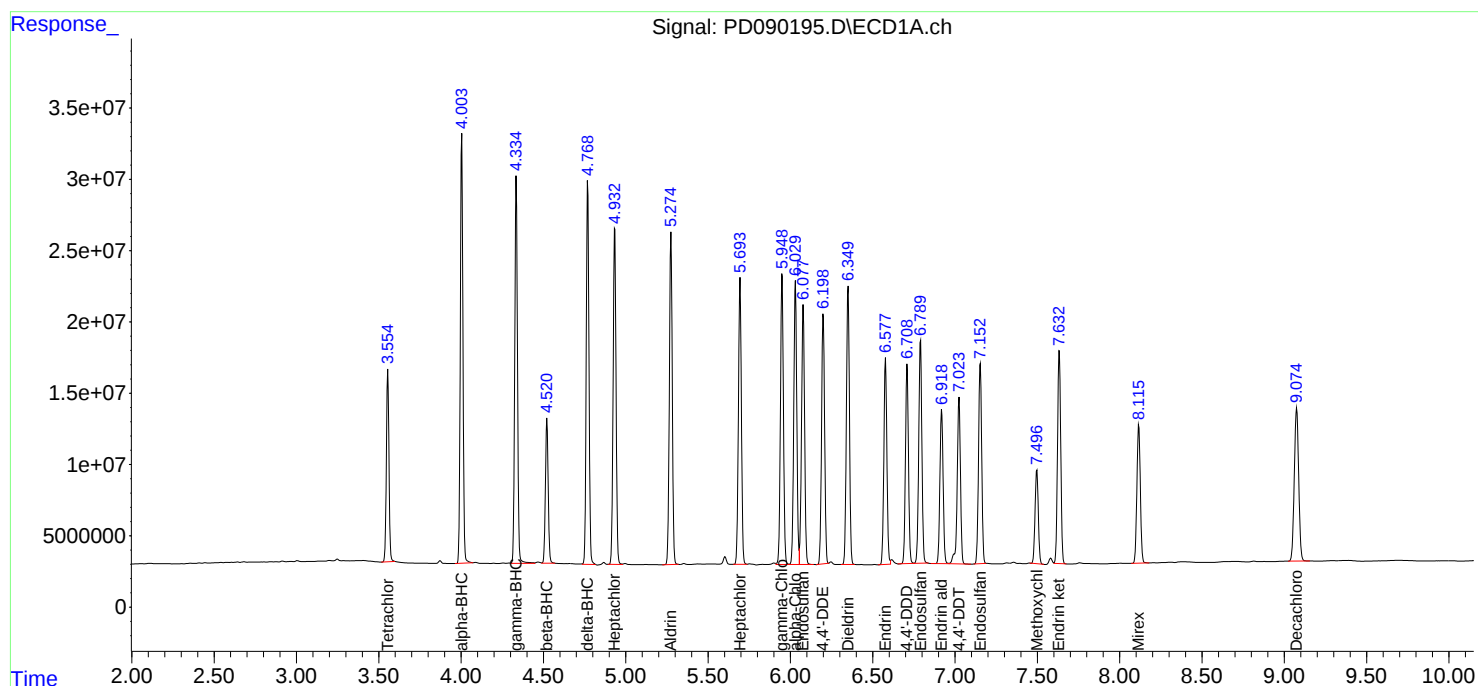
## APPROVED

Reviewed By :Abdul Mirza 09/09/2025

Supervised By :mohammad ahmed 09/10/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 09 01:42:45 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 13:16:54 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: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Continuing Calib Date: 09/08/2025

Initial Calibration Date(s): 08/18/2025

08/18/2025

Continuing Calib Time: 18:59

Initial Calibration Time(s): 11:25

12:20

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       | 4.51      | 4.41      | 4.61 | -0.01      |
| delta-BHC            | 4.77       | 4.76      | 4.66      | 4.86 | -0.01      |
| gamma-BHC (Lindane)  | 4.33       | 4.33      | 4.23      | 4.43 | 0.00       |
| Heptachlor           | 4.93       | 4.93      | 4.83      | 5.03 | 0.00       |
| Aldrin               | 5.27       | 5.27      | 5.17      | 5.37 | 0.00       |
| Heptachlor epoxide   | 5.69       | 5.69      | 5.59      | 5.79 | 0.00       |
| Endosulfan I         | 6.08       | 6.07      | 5.97      | 6.17 | 0.00       |
| Dieldrin             | 6.35       | 6.34      | 6.24      | 6.44 | -0.01      |
| 4,4'-DDE             | 6.20       | 6.19      | 6.09      | 6.29 | -0.01      |
| Endrin               | 6.58       | 6.57      | 6.47      | 6.67 | 0.00       |
| Endosulfan II        | 6.79       | 6.78      | 6.68      | 6.88 | -0.01      |
| 4,4'-DDD             | 6.71       | 6.70      | 6.60      | 6.80 | -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       | 6.91      | 6.81      | 7.01 | -0.01      |
| alpha-Chlordane      | 6.03       | 6.02      | 5.92      | 6.12 | -0.01      |
| gamma-Chlordane      | 5.95       | 5.94      | 5.84      | 6.04 | -0.01      |



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### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Continuing Calib Date: 09/08/2025

Initial Calibration Date(s): 08/18/2025

08/18/2025

Continuing Calib Time: 18:59

Initial Calibration Time(s): 11:25

12:20

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

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 8.06       | 8.07      | 7.97      | 8.17 | 0.01       |
| 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       | 4.02      | 3.92      | 4.12 | 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 | 0.01       |
| Heptachlor           | 4.08       | 4.08      | 3.98      | 4.18 | 0.00       |
| Aldrin               | 4.36       | 4.36      | 4.26      | 4.46 | 0.00       |
| Heptachlor epoxide   | 4.87       | 4.87      | 4.77      | 4.97 | 0.00       |
| Endosulfan I         | 5.24       | 5.24      | 5.14      | 5.34 | 0.00       |
| Dieldrin             | 5.51       | 5.51      | 5.41      | 5.61 | 0.00       |
| 4,4'-DDE             | 5.37       | 5.37      | 5.27      | 5.47 | 0.00       |
| Endrin               | 5.78       | 5.78      | 5.68      | 5.88 | 0.00       |
| Endosulfan II        | 6.07       | 6.08      | 5.98      | 6.18 | 0.01       |
| 4,4'-DDD             | 5.92       | 5.92      | 5.82      | 6.02 | 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       | 6.75      | 6.65      | 6.85 | 0.00       |
| Endrin ketone        | 6.99       | 6.99      | 6.89      | 7.09 | 0.00       |
| Endrin aldehyde      | 6.25       | 6.25      | 6.15      | 6.35 | 0.00       |
| alpha-Chlordane      | 5.18       | 5.19      | 5.09      | 5.29 | 0.01       |
| gamma-Chlordane      | 5.12       | 5.12      | 5.02      | 5.22 | 0.00       |



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### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ZUCC01  
**Lab Code:** ACE **SDG NO.:** Q3032  
**GC Column:** ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/18/2025 08/18/2025

**Client Sample No.:** CCAL03 **Date Analyzed:** 09/08/2025  
**Lab Sample No.:** PSTDCCC050 **Data File :** PD090203.D **Time Analyzed:** 18:59

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| 4,4'-DDD             | 6.706 | 6.602     | 6.802 | 54.330             | 50.000            | 8.7   |
| 4,4'-DDE             | 6.196 | 6.092     | 6.292 | 53.410             | 50.000            | 6.8   |
| 4,4'-DDT             | 7.022 | 6.918     | 7.118 | 44.580             | 50.000            | -10.8 |
| Aldrin               | 5.271 | 5.167     | 5.367 | 55.000             | 50.000            | 10.0  |
| alpha-BHC            | 4.002 | 3.897     | 4.097 | 55.640             | 50.000            | 11.3  |
| alpha-Chlordane      | 6.027 | 5.924     | 6.124 | 53.700             | 50.000            | 7.4   |
| beta-BHC             | 4.519 | 4.414     | 4.614 | 53.280             | 50.000            | 6.6   |
| Decachlorobiphenyl   | 9.071 | 8.967     | 9.167 | 57.100             | 50.000            | 14.2  |
| delta-BHC            | 4.767 | 4.662     | 4.862 | 59.230             | 50.000            | 18.5  |
| Dieldrin             | 6.347 | 6.244     | 6.444 | 53.030             | 50.000            | 6.1   |
| Endosulfan I         | 6.075 | 5.971     | 6.171 | 53.140             | 50.000            | 6.3   |
| Endosulfan II        | 6.787 | 6.683     | 6.883 | 51.630             | 50.000            | 3.3   |
| Endosulfan sulfate   | 7.150 | 7.047     | 7.247 | 50.760             | 50.000            | 1.5   |
| Endrin               | 6.575 | 6.471     | 6.671 | 45.630             | 50.000            | -8.7  |
| Endrin aldehyde      | 6.916 | 6.812     | 7.012 | 53.610             | 50.000            | 7.2   |
| Endrin ketone        | 7.631 | 7.527     | 7.727 | 51.850             | 50.000            | 3.7   |
| gamma-BHC (Lindane)  | 4.332 | 4.228     | 4.428 | 54.910             | 50.000            | 9.8   |
| gamma-Chlordane      | 5.946 | 5.843     | 6.043 | 54.790             | 50.000            | 9.6   |
| Heptachlor           | 4.930 | 4.826     | 5.026 | 52.040             | 50.000            | 4.1   |
| Heptachlor epoxide   | 5.691 | 5.587     | 5.787 | 53.350             | 50.000            | 6.7   |
| Methoxychlor         | 7.494 | 7.390     | 7.590 | 46.950             | 50.000            | -6.1  |
| Tetrachloro-m-xylene | 3.553 | 3.448     | 3.648 | 51.040             | 50.000            | 2.1   |



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### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ZUCC01  
**Lab Code:** ACE **SDG NO.:** Q3032  
**GC Column:** ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/18/2025 08/18/2025

**Client Sample No.:** CCAL03 **Date Analyzed:** 09/08/2025  
**Lab Sample No.:** PSTDCCC050 **Data File :** PD090203.D **Time Analyzed:** 18:59

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| 4,4'-DDD             | 5.923 | 5.824     | 6.024 | 55.300             | 50.000            | 10.6 |
| 4,4'-DDE             | 5.368 | 5.269     | 5.469 | 53.630             | 50.000            | 7.3  |
| 4,4'-DDT             | 6.177 | 6.078     | 6.278 | 47.380             | 50.000            | -5.2 |
| Aldrin               | 4.363 | 4.264     | 4.464 | 54.000             | 50.000            | 8.0  |
| alpha-BHC            | 3.389 | 3.290     | 3.490 | 54.220             | 50.000            | 8.4  |
| alpha-Chlordane      | 5.184 | 5.085     | 5.285 | 53.630             | 50.000            | 7.3  |
| beta-BHC             | 4.021 | 3.921     | 4.121 | 53.880             | 50.000            | 7.8  |
| Decachlorobiphenyl   | 8.064 | 7.965     | 8.165 | 55.000             | 50.000            | 10.0 |
| delta-BHC            | 4.257 | 4.158     | 4.358 | 54.080             | 50.000            | 8.2  |
| Dieldrin             | 5.506 | 5.407     | 5.607 | 53.860             | 50.000            | 7.7  |
| Endosulfan I         | 5.241 | 5.142     | 5.342 | 53.700             | 50.000            | 7.4  |
| Endosulfan II        | 6.074 | 5.975     | 6.175 | 52.570             | 50.000            | 5.1  |
| Endosulfan sulfate   | 6.476 | 6.377     | 6.577 | 51.720             | 50.000            | 3.4  |
| Endrin               | 5.783 | 5.684     | 5.884 | 47.310             | 50.000            | -5.4 |
| Endrin aldehyde      | 6.252 | 6.153     | 6.353 | 55.490             | 50.000            | 11.0 |
| Endrin ketone        | 6.985 | 6.886     | 7.086 | 53.820             | 50.000            | 7.6  |
| gamma-BHC (Lindane)  | 3.725 | 3.626     | 3.826 | 54.250             | 50.000            | 8.5  |
| gamma-Chlordane      | 5.120 | 5.020     | 5.220 | 54.040             | 50.000            | 8.1  |
| Heptachlor           | 4.078 | 3.978     | 4.178 | 51.560             | 50.000            | 3.1  |
| Heptachlor epoxide   | 4.867 | 4.767     | 4.967 | 53.600             | 50.000            | 7.2  |
| Methoxychlor         | 6.747 | 6.649     | 6.849 | 50.960             | 50.000            | 1.9  |
| Tetrachloro-m-xylene | 2.877 | 2.778     | 2.978 | 52.030             | 50.000            | 4.1  |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090825\  
 Data File : PD090203.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Sep 2025 18:59  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 09 01:43:51 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 19 13:16:54 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-----------------|-------|-------|----------|----------|--------|--------|
| -----                       |                 |       |       |          |          |        |        |
| System Monitoring Compounds |                 |       |       |          |          |        |        |
| 1)                          | SA Tetrachlo... | 3.553 | 2.877 | 149.8E6  | 1147.3E6 | 51.037 | 52.028 |
| 28)                         | SA Decachlor... | 9.071 | 8.064 | 246.4E6  | 1423.8E6 | 57.097 | 55.003 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 4.002 | 3.389 | 334.0E6  | 1840.1E6 | 55.638 | 54.217 |
| 3)                          | MA gamma-BHC... | 4.332 | 3.725 | 314.5E6  | 1691.0E6 | 54.913 | 54.248 |
| 4)                          | MA Heptachlor   | 4.930 | 4.078 | 291.9E6  | 1608.2E6 | 52.037 | 51.560 |
| 5)                          | MB Aldrin       | 5.271 | 4.363 | 297.8E6  | 1644.7E6 | 54.997 | 54.003 |
| 6)                          | B beta-BHC      | 4.519 | 4.021 | 119.5E6  | 718.2E6  | 53.284 | 53.877 |
| 7)                          | B delta-BHC     | 4.767 | 4.257 | 306.7E6  | 1706.3E6 | 59.234 | 54.082 |
| 8)                          | B Heptachlo...  | 5.691 | 4.867 | 261.8E6  | 1484.5E6 | 53.349 | 53.600 |
| 9)                          | A Endosulfan I  | 6.075 | 5.241 | 245.3E6  | 1408.2E6 | 53.144 | 53.702 |
| 10)                         | B gamma-Chl...  | 5.946 | 5.120 | 268.0E6  | 1600.1E6 | 54.786 | 54.036 |
| 11)                         | B alpha-Chl...  | 6.027 | 5.184 | 264.4E6  | 1530.6E6 | 53.704 | 53.634 |
| 12)                         | B 4,4'-DDE      | 6.196 | 5.368 | 234.4E6  | 1545.7E6 | 53.409 | 53.628 |
| 13)                         | MA Dieldrin     | 6.347 | 5.506 | 259.6E6  | 1577.5E6 | 53.032 | 53.863 |
| 14)                         | MA Endrin       | 6.575 | 5.783 | 189.1E6  | 1260.0E6 | 45.632 | 47.311 |
| 15)                         | B Endosulfa...  | 6.787 | 6.074 | 217.9E6  | 1329.7E6 | 51.633 | 52.569 |
| 16)                         | A 4,4'-DDD      | 6.706 | 5.923 | 187.9E6  | 1329.5E6 | 54.330 | 55.295 |
| 17)                         | MA 4,4'-DDT     | 7.022 | 6.177 | 169.8E6  | 1187.8E6 | 44.580 | 47.379 |
| 18)                         | B Endrin al...  | 6.916 | 6.252 | 153.7E6  | 955.5E6  | 53.609 | 55.491 |
| 19)                         | B Endosulfa...  | 7.150 | 6.476 | 198.9E6  | 1261.0E6 | 50.762 | 51.724 |
| 20)                         | A Methoxychlor  | 7.494 | 6.747 | 94153827 | 657.1E6  | 46.945 | 50.957 |
| 21)                         | B Endrin ke...  | 7.631 | 6.985 | 214.9E6  | 1433.9E6 | 51.850 | 53.816 |
| 22)                         | Mirex           | 8.113 | 7.178 | 147.4E6  | 995.7E6  | 46.726 | 48.203 |
| -----                       |                 |       |       |          |          |        |        |

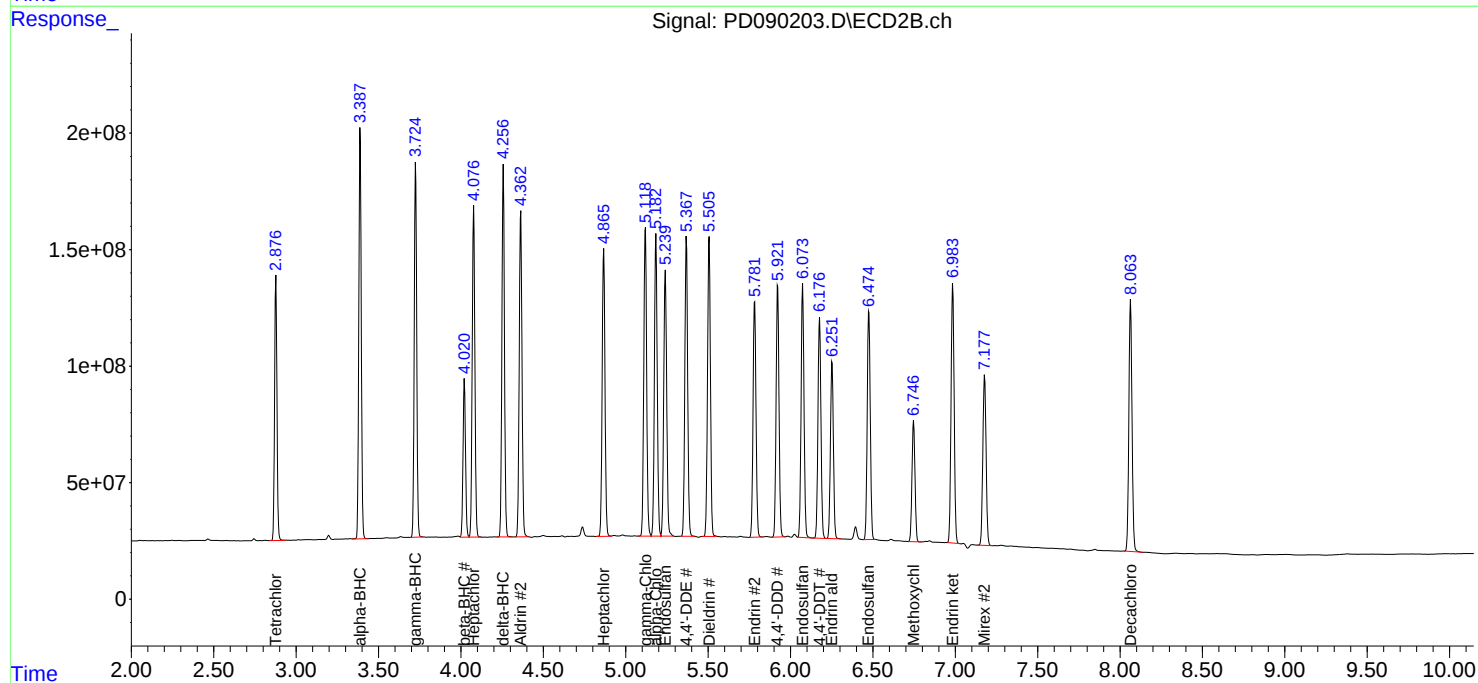
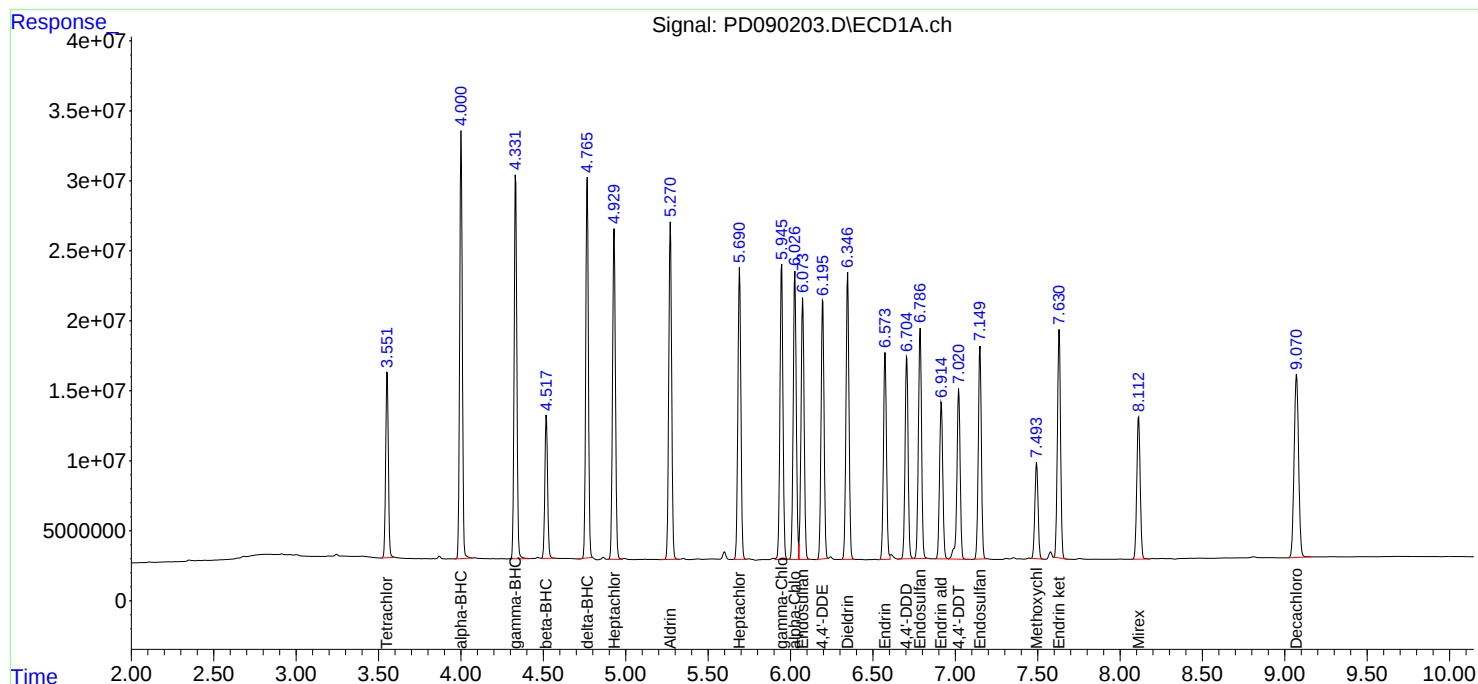
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090825\  
Data File : PD090203.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Sep 2025 18:59  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 09 01:43:51 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 13:16:54 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: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Continuing Calib Date: 09/08/2025

Initial Calibration Date(s): 08/18/2025

08/18/2025

Continuing Calib Time: 20:41

Initial Calibration Time(s): 11:25

12:20

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       | 4.51      | 4.41      | 4.61 | 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       | 6.07      | 5.97      | 6.17 | 0.00       |
| Dieldrin             | 6.34       | 6.34      | 6.24      | 6.44 | 0.00       |
| 4,4'-DDE             | 6.19       | 6.19      | 6.09      | 6.29 | 0.00       |
| Endrin               | 6.57       | 6.57      | 6.47      | 6.67 | 0.00       |
| Endosulfan II        | 6.78       | 6.78      | 6.68      | 6.88 | 0.00       |
| 4,4'-DDD             | 6.70       | 6.70      | 6.60      | 6.80 | 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      | 6.91       | 6.91      | 6.81      | 7.01 | 0.00       |
| alpha-Chlordane      | 6.02       | 6.02      | 5.92      | 6.12 | 0.00       |
| gamma-Chlordane      | 5.94       | 5.94      | 5.84      | 6.04 | 0.00       |



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

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Continuing Calib Date: 09/08/2025

Initial Calibration Date(s): 08/18/2025

08/18/2025

Continuing Calib Time: 20:41

Initial Calibration Time(s): 11:25

12:20

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

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 8.06       | 8.07      | 7.97      | 8.17 | 0.01       |
| 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       | 4.02      | 3.92      | 4.12 | 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 | 0.01       |
| Heptachlor           | 4.08       | 4.08      | 3.98      | 4.18 | 0.00       |
| Aldrin               | 4.36       | 4.36      | 4.26      | 4.46 | 0.00       |
| Heptachlor epoxide   | 4.87       | 4.87      | 4.77      | 4.97 | 0.00       |
| Endosulfan I         | 5.24       | 5.24      | 5.14      | 5.34 | 0.00       |
| Dieldrin             | 5.51       | 5.51      | 5.41      | 5.61 | 0.00       |
| 4,4'-DDE             | 5.37       | 5.37      | 5.27      | 5.47 | 0.00       |
| Endrin               | 5.78       | 5.78      | 5.68      | 5.88 | 0.00       |
| Endosulfan II        | 6.07       | 6.08      | 5.98      | 6.18 | 0.01       |
| 4,4'-DDD             | 5.92       | 5.92      | 5.82      | 6.02 | 0.00       |
| Endosulfan sulfate   | 6.48       | 6.48      | 6.38      | 6.58 | 0.01       |
| 4,4'-DDT             | 6.18       | 6.18      | 6.08      | 6.28 | 0.00       |
| Methoxychlor         | 6.75       | 6.75      | 6.65      | 6.85 | 0.00       |
| Endrin ketone        | 6.98       | 6.99      | 6.89      | 7.09 | 0.01       |
| Endrin aldehyde      | 6.25       | 6.25      | 6.15      | 6.35 | 0.00       |
| alpha-Chlordane      | 5.18       | 5.19      | 5.09      | 5.29 | 0.01       |
| gamma-Chlordane      | 5.12       | 5.12      | 5.02      | 5.22 | 0.00       |



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### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ZUCC01  
**Lab Code:** ACE **SDG NO.:** Q3032  
**GC Column:** ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/18/2025 08/18/2025

**Client Sample No.:** CCAL04 **Date Analyzed:** 09/08/2025  
**Lab Sample No.:** PSTDCCC050 **Data File :** PD090209.D **Time Analyzed:** 20:41

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| 4,4'-DDD             | 6.702 | 6.602     | 6.802 | 53.910             | 50.000            | 7.8   |
| 4,4'-DDE             | 6.193 | 6.092     | 6.292 | 52.550             | 50.000            | 5.1   |
| 4,4'-DDT             | 7.018 | 6.918     | 7.118 | 43.940             | 50.000            | -12.1 |
| Aldrin               | 5.268 | 5.167     | 5.367 | 54.720             | 50.000            | 9.4   |
| alpha-BHC            | 3.998 | 3.897     | 4.097 | 55.800             | 50.000            | 11.6  |
| alpha-Chlordane      | 6.024 | 5.924     | 6.124 | 52.750             | 50.000            | 5.5   |
| beta-BHC             | 4.515 | 4.414     | 4.614 | 53.260             | 50.000            | 6.5   |
| Decachlorobiphenyl   | 9.066 | 8.967     | 9.167 | 55.140             | 50.000            | 10.3  |
| delta-BHC            | 4.763 | 4.662     | 4.862 | 59.370             | 50.000            | 18.7  |
| Dieldrin             | 6.343 | 6.244     | 6.444 | 52.680             | 50.000            | 5.4   |
| Endosulfan I         | 6.071 | 5.971     | 6.171 | 52.380             | 50.000            | 4.8   |
| Endosulfan II        | 6.783 | 6.683     | 6.883 | 50.870             | 50.000            | 1.7   |
| Endosulfan sulfate   | 7.147 | 7.047     | 7.247 | 49.360             | 50.000            | -1.3  |
| Endrin               | 6.571 | 6.471     | 6.671 | 48.580             | 50.000            | -2.8  |
| Endrin aldehyde      | 6.912 | 6.812     | 7.012 | 50.960             | 50.000            | 1.9   |
| Endrin ketone        | 7.627 | 7.527     | 7.727 | 50.280             | 50.000            | 0.6   |
| gamma-BHC (Lindane)  | 4.329 | 4.228     | 4.428 | 55.030             | 50.000            | 10.1  |
| gamma-Chlordane      | 5.943 | 5.843     | 6.043 | 53.640             | 50.000            | 7.3   |
| Heptachlor           | 4.927 | 4.826     | 5.026 | 51.840             | 50.000            | 3.7   |
| Heptachlor epoxide   | 5.688 | 5.587     | 5.787 | 52.660             | 50.000            | 5.3   |
| Methoxychlor         | 7.490 | 7.390     | 7.590 | 46.340             | 50.000            | -7.3  |
| Tetrachloro-m-xylene | 3.549 | 3.448     | 3.648 | 51.620             | 50.000            | 3.2   |



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### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ZUCC01  
**Lab Code:** ACE **SDG NO.:** Q3032  
**GC Column:** ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/18/2025 08/18/2025

**Client Sample No.:** CCAL04 **Date Analyzed:** 09/08/2025  
**Lab Sample No.:** PSTDCCC050 **Data File :** PD090209.D **Time Analyzed:** 20:41

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| 4,4'-DDD             | 5.922 | 5.824     | 6.024 | 54.370             | 50.000            | 8.7  |
| 4,4'-DDE             | 5.368 | 5.269     | 5.469 | 52.890             | 50.000            | 5.8  |
| 4,4'-DDT             | 6.175 | 6.078     | 6.278 | 46.250             | 50.000            | -7.5 |
| Aldrin               | 4.363 | 4.264     | 4.464 | 54.220             | 50.000            | 8.4  |
| alpha-BHC            | 3.389 | 3.290     | 3.490 | 54.810             | 50.000            | 9.6  |
| alpha-Chlordane      | 5.184 | 5.085     | 5.285 | 52.950             | 50.000            | 5.9  |
| beta-BHC             | 4.020 | 3.921     | 4.121 | 54.290             | 50.000            | 8.6  |
| Decachlorobiphenyl   | 8.063 | 7.965     | 8.165 | 51.520             | 50.000            | 3.0  |
| delta-BHC            | 4.257 | 4.158     | 4.358 | 54.550             | 50.000            | 9.1  |
| Dieldrin             | 5.506 | 5.407     | 5.607 | 53.090             | 50.000            | 6.2  |
| Endosulfan I         | 5.240 | 5.142     | 5.342 | 52.810             | 50.000            | 5.6  |
| Endosulfan II        | 6.073 | 5.975     | 6.175 | 51.500             | 50.000            | 3.0  |
| Endosulfan sulfate   | 6.475 | 6.377     | 6.577 | 49.860             | 50.000            | -0.3 |
| Endrin               | 5.782 | 5.684     | 5.884 | 49.940             | 50.000            | -0.1 |
| Endrin aldehyde      | 6.251 | 6.153     | 6.353 | 52.210             | 50.000            | 4.4  |
| Endrin ketone        | 6.983 | 6.886     | 7.086 | 49.900             | 50.000            | -0.2 |
| gamma-BHC (Lindane)  | 3.725 | 3.626     | 3.826 | 54.950             | 50.000            | 9.9  |
| gamma-Chlordane      | 5.119 | 5.020     | 5.220 | 53.410             | 50.000            | 6.8  |
| Heptachlor           | 4.077 | 3.978     | 4.178 | 51.880             | 50.000            | 3.8  |
| Heptachlor epoxide   | 4.866 | 4.767     | 4.967 | 53.340             | 50.000            | 6.7  |
| Methoxychlor         | 6.746 | 6.649     | 6.849 | 49.810             | 50.000            | -0.4 |
| Tetrachloro-m-xylene | 2.877 | 2.778     | 2.978 | 52.840             | 50.000            | 5.7  |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090825\  
 Data File : PD090209.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Sep 2025 20:41  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 09 01:44:57 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 19 13:16:54 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 | 2.877 | 151.5E6  | 1165.2E6 | 51.618 | 52.844 |
| 2)                          | SA Decachlor... | 9.066 | 8.063 | 238.0E6  | 1333.5E6 | 55.135 | 51.515 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.998 | 3.389 | 334.9E6  | 1860.3E6 | 55.801 | 54.813 |
| 3)                          | MA gamma-BHC... | 4.329 | 3.725 | 315.1E6  | 1712.7E6 | 55.028 | 54.945 |
| 4)                          | MA Heptachlor   | 4.927 | 4.077 | 290.8E6  | 1618.3E6 | 51.840 | 51.884 |
| 5)                          | MB Aldrin       | 5.268 | 4.363 | 296.3E6  | 1651.2E6 | 54.718 | 54.216 |
| 6)                          | B beta-BHC      | 4.515 | 4.020 | 119.5E6  | 723.6E6  | 53.256 | 54.285 |
| 7)                          | B delta-BHC     | 4.763 | 4.257 | 307.4E6  | 1721.0E6 | 59.374 | 54.548 |
| 8)                          | B Heptachlo...  | 5.688 | 4.866 | 258.4E6  | 1477.2E6 | 52.656 | 53.339 |
| 9)                          | A Endosulfan I  | 6.071 | 5.240 | 241.7E6  | 1384.9E6 | 52.376 | 52.814 |
| 10)                         | B gamma-Chl...  | 5.943 | 5.119 | 262.3E6  | 1581.6E6 | 53.638 | 53.412 |
| 11)                         | B alpha-Chl...  | 6.024 | 5.184 | 259.7E6  | 1511.0E6 | 52.754 | 52.946 |
| 12)                         | B 4,4'-DDE      | 6.193 | 5.368 | 230.6E6  | 1524.6E6 | 52.549 | 52.894 |
| 13)                         | MA Dieldrin     | 6.343 | 5.506 | 257.9E6  | 1554.8E6 | 52.685 | 53.090 |
| 14)                         | MA Endrin       | 6.571 | 5.782 | 201.3E6  | 1330.1E6 | 48.579 | 49.944 |
| 15)                         | B Endosulfa...  | 6.783 | 6.073 | 214.6E6  | 1302.7E6 | 50.866 | 51.499 |
| 16)                         | A 4,4'-DDD      | 6.702 | 5.922 | 186.5E6  | 1307.3E6 | 53.906 | 54.371 |
| 17)                         | MA 4,4'-DDT     | 7.018 | 6.175 | 167.4E6  | 1159.6E6 | 43.937 | 46.254 |
| 18)                         | B Endrin al...  | 6.912 | 6.251 | 146.1E6  | 899.0E6  | 50.955 | 52.209 |
| 19)                         | B Endosulfa...  | 7.147 | 6.475 | 193.4E6  | 1215.6E6 | 49.362 | 49.863 |
| 20)                         | A Methoxychlor  | 7.490 | 6.746 | 92942257 | 642.3E6  | 46.341 | 49.809 |
| 21)                         | B Endrin ke...  | 7.627 | 6.983 | 208.4E6  | 1329.6E6 | 50.284 | 49.902 |
| 22)                         | Mirex           | 8.109 | 7.177 | 144.5E6  | 941.5E6  | 45.795 | 45.581 |
| -----                       |                 |       |       |          |          |        |        |

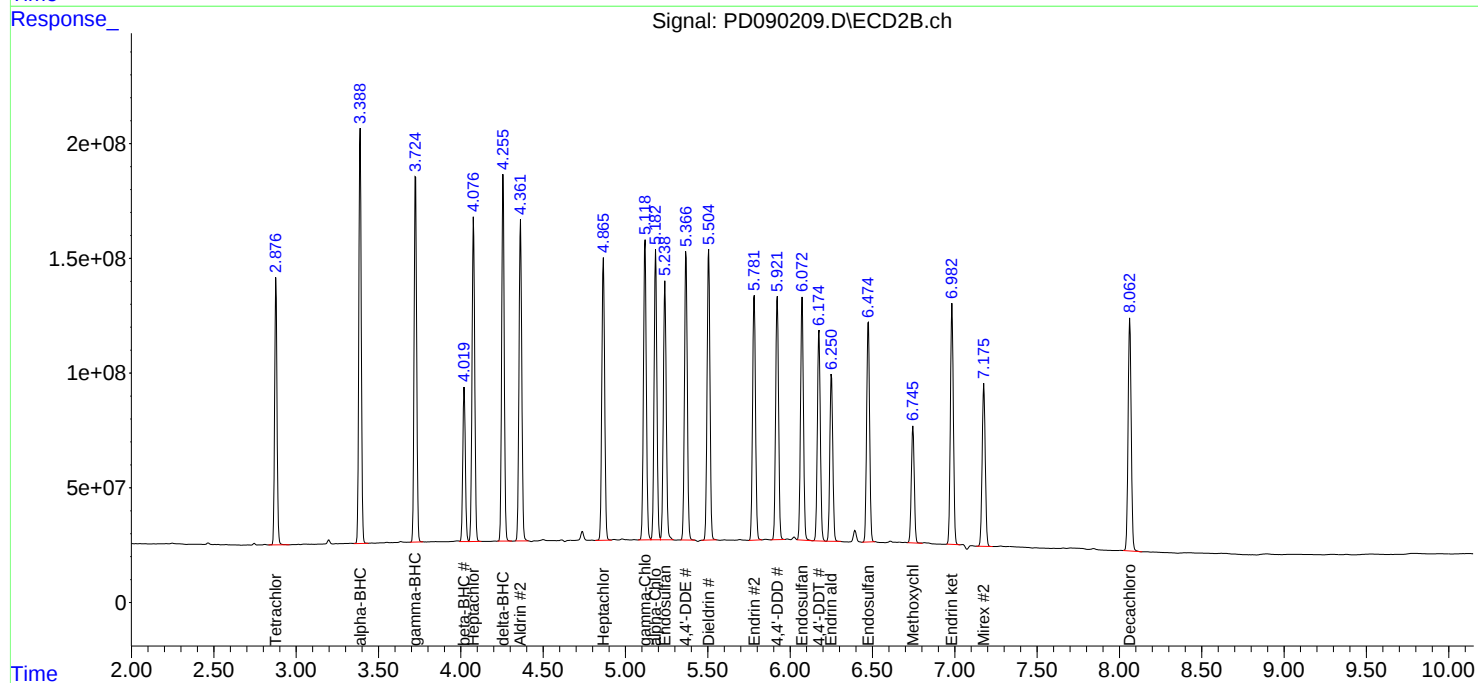
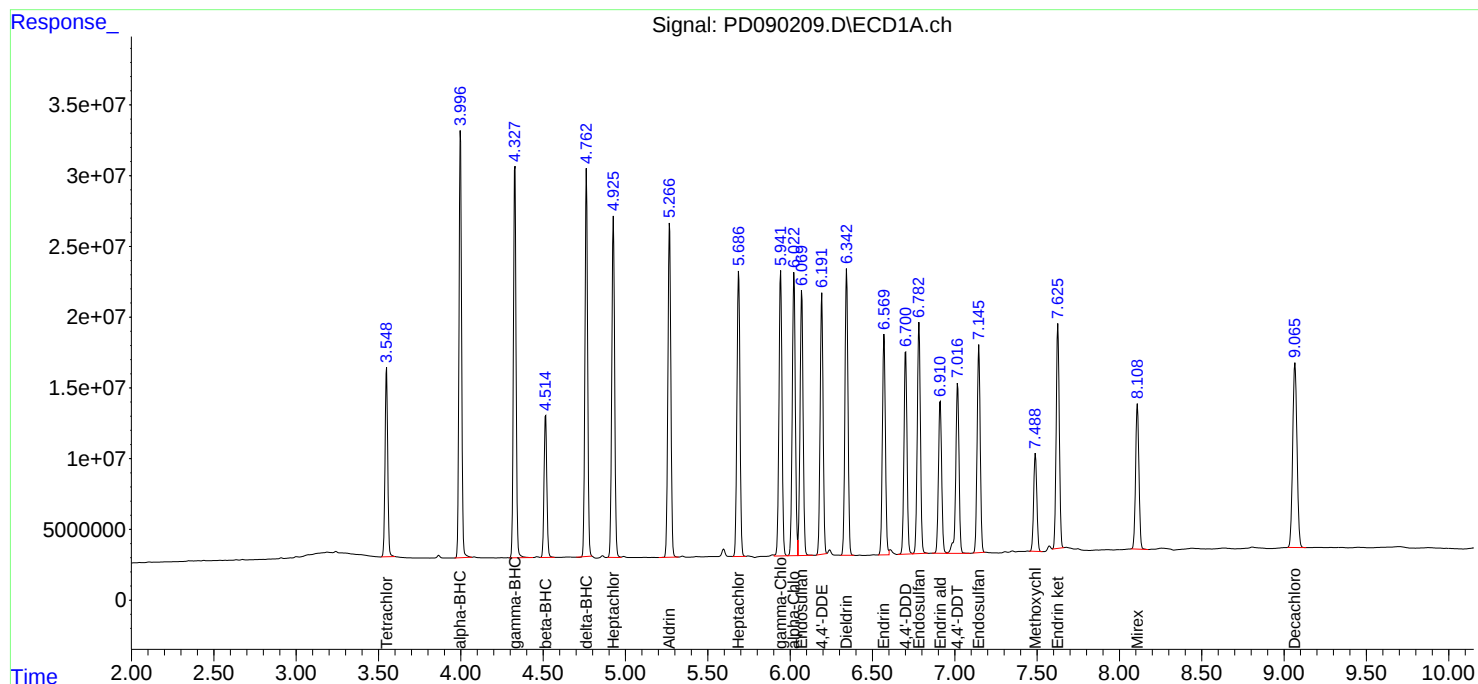
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090825\  
Data File : PD090209.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Sep 2025 20:41  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 09 01:44:57 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 13:16:54 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: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Continuing Calib Date: 09/09/2025

Initial Calibration Date(s): 08/18/2025

08/18/2025

Continuing Calib Time: 11:05

Initial Calibration Time(s): 11:25

12:20

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       | 4.51      | 4.41      | 4.61 | 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       | 6.07      | 5.97      | 6.17 | 0.00       |
| Dieldrin             | 6.34       | 6.34      | 6.24      | 6.44 | 0.00       |
| 4,4'-DDE             | 6.19       | 6.19      | 6.09      | 6.29 | 0.00       |
| Endrin               | 6.57       | 6.57      | 6.47      | 6.67 | 0.00       |
| Endosulfan II        | 6.78       | 6.78      | 6.68      | 6.88 | 0.00       |
| 4,4'-DDD             | 6.70       | 6.70      | 6.60      | 6.80 | 0.00       |
| Endosulfan sulfate   | 7.15       | 7.15      | 7.05      | 7.25 | 0.01       |
| 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       | 6.91      | 6.81      | 7.01 | 0.00       |
| alpha-Chlordane      | 6.02       | 6.02      | 5.92      | 6.12 | 0.00       |
| gamma-Chlordane      | 5.94       | 5.94      | 5.84      | 6.04 | 0.00       |



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### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Continuing Calib Date: 09/09/2025

Initial Calibration Date(s): 08/18/2025

08/18/2025

Continuing Calib Time: 11:05

Initial Calibration Time(s): 11:25

12:20

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

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 8.06       | 8.07      | 7.97      | 8.17 | 0.01       |
| 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       | 4.02      | 3.92      | 4.12 | 0.00       |
| delta-BHC            | 4.26       | 4.26      | 4.16      | 4.36 | 0.00       |
| gamma-BHC (Lindane)  | 3.72       | 3.73      | 3.63      | 3.83 | 0.01       |
| Heptachlor           | 4.08       | 4.08      | 3.98      | 4.18 | 0.00       |
| Aldrin               | 4.36       | 4.36      | 4.26      | 4.46 | 0.00       |
| Heptachlor epoxide   | 4.87       | 4.87      | 4.77      | 4.97 | 0.01       |
| Endosulfan I         | 5.24       | 5.24      | 5.14      | 5.34 | 0.00       |
| Dieldrin             | 5.51       | 5.51      | 5.41      | 5.61 | 0.00       |
| 4,4'-DDE             | 5.37       | 5.37      | 5.27      | 5.47 | 0.00       |
| Endrin               | 5.78       | 5.78      | 5.68      | 5.88 | 0.00       |
| Endosulfan II        | 6.07       | 6.08      | 5.98      | 6.18 | 0.01       |
| 4,4'-DDD             | 5.92       | 5.92      | 5.82      | 6.02 | 0.00       |
| Endosulfan sulfate   | 6.47       | 6.48      | 6.38      | 6.58 | 0.01       |
| 4,4'-DDT             | 6.18       | 6.18      | 6.08      | 6.28 | 0.00       |
| Methoxychlor         | 6.75       | 6.75      | 6.65      | 6.85 | 0.00       |
| Endrin ketone        | 6.98       | 6.99      | 6.89      | 7.09 | 0.01       |
| Endrin aldehyde      | 6.25       | 6.25      | 6.15      | 6.35 | 0.00       |
| alpha-Chlordane      | 5.18       | 5.19      | 5.09      | 5.29 | 0.01       |
| gamma-Chlordane      | 5.12       | 5.12      | 5.02      | 5.22 | 0.00       |



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### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Contract: ZUCC01

Lab Code: ACE SDG NO.: Q3032

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 08/18/2025 08/18/2025

Client Sample No.: CCAL05 Date Analyzed: 09/09/2025

Lab Sample No.: PSTDCCC050 Data File : PD090213.D Time Analyzed: 11:05

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| 4,4'-DDD             | 6.702 | 6.602     | 6.802 | 56.480             | 50.000            | 13.0  |
| 4,4'-DDE             | 6.193 | 6.092     | 6.292 | 53.220             | 50.000            | 6.4   |
| 4,4'-DDT             | 7.016 | 6.918     | 7.118 | 40.890             | 50.000            | -18.2 |
| Aldrin               | 5.266 | 5.167     | 5.367 | 53.890             | 50.000            | 7.8   |
| alpha-BHC            | 3.998 | 3.897     | 4.097 | 54.950             | 50.000            | 9.9   |
| alpha-Chlordane      | 6.023 | 5.924     | 6.124 | 51.950             | 50.000            | 3.9   |
| beta-BHC             | 4.515 | 4.414     | 4.614 | 52.420             | 50.000            | 4.8   |
| Decachlorobiphenyl   | 9.066 | 8.967     | 9.167 | 58.800             | 50.000            | 17.6  |
| delta-BHC            | 4.763 | 4.662     | 4.862 | 58.860             | 50.000            | 17.7  |
| Dieldrin             | 6.342 | 6.244     | 6.444 | 53.110             | 50.000            | 6.2   |
| Endosulfan I         | 6.071 | 5.971     | 6.171 | 51.950             | 50.000            | 3.9   |
| Endosulfan II        | 6.783 | 6.683     | 6.883 | 52.250             | 50.000            | 4.5   |
| Endosulfan sulfate   | 7.145 | 7.047     | 7.247 | 51.000             | 50.000            | 2.0   |
| Endrin               | 6.569 | 6.471     | 6.671 | 45.850             | 50.000            | -8.3  |
| Endrin aldehyde      | 6.912 | 6.812     | 7.012 | 53.430             | 50.000            | 6.9   |
| Endrin ketone        | 7.627 | 7.527     | 7.727 | 53.900             | 50.000            | 7.8   |
| gamma-BHC (Lindane)  | 4.327 | 4.228     | 4.428 | 53.720             | 50.000            | 7.4   |
| gamma-Chlordane      | 5.943 | 5.843     | 6.043 | 53.280             | 50.000            | 6.6   |
| Heptachlor           | 4.926 | 4.826     | 5.026 | 50.140             | 50.000            | 0.3   |
| Heptachlor epoxide   | 5.687 | 5.587     | 5.787 | 51.980             | 50.000            | 4.0   |
| Methoxychlor         | 7.490 | 7.390     | 7.590 | 44.480             | 50.000            | -11.0 |
| Tetrachloro-m-xylene | 3.547 | 3.448     | 3.648 | 50.870             | 50.000            | 1.7   |



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

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ZUCC01  
**Lab Code:** ACE **SDG NO.:** Q3032  
**GC Column:** ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/18/2025 08/18/2025

**Client Sample No.:** CCAL05 **Date Analyzed:** 09/09/2025  
**Lab Sample No.:** PSTDCCC050 **Data File :** PD090213.D **Time Analyzed:** 11:05

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| 4,4'-DDD             | 5.921 | 5.824     | 6.024 | 56.860             | 50.000            | 13.7 |
| 4,4'-DDE             | 5.367 | 5.269     | 5.469 | 53.990             | 50.000            | 8.0  |
| 4,4'-DDT             | 6.175 | 6.078     | 6.278 | 46.170             | 50.000            | -7.7 |
| Aldrin               | 4.362 | 4.264     | 4.464 | 54.380             | 50.000            | 8.8  |
| alpha-BHC            | 3.389 | 3.290     | 3.490 | 54.320             | 50.000            | 8.6  |
| alpha-Chlordane      | 5.183 | 5.085     | 5.285 | 53.870             | 50.000            | 7.7  |
| beta-BHC             | 4.020 | 3.921     | 4.121 | 53.800             | 50.000            | 7.6  |
| Decachlorobiphenyl   | 8.063 | 7.965     | 8.165 | 59.460             | 50.000            | 18.9 |
| delta-BHC            | 4.256 | 4.158     | 4.358 | 53.990             | 50.000            | 8.0  |
| Dieldrin             | 5.505 | 5.407     | 5.607 | 54.180             | 50.000            | 8.4  |
| Endosulfan I         | 5.239 | 5.142     | 5.342 | 52.700             | 50.000            | 5.4  |
| Endosulfan II        | 6.072 | 5.975     | 6.175 | 53.750             | 50.000            | 7.5  |
| Endosulfan sulfate   | 6.474 | 6.377     | 6.577 | 52.850             | 50.000            | 5.7  |
| Endrin               | 5.782 | 5.684     | 5.884 | 47.750             | 50.000            | -4.5 |
| Endrin aldehyde      | 6.251 | 6.153     | 6.353 | 56.170             | 50.000            | 12.3 |
| Endrin ketone        | 6.983 | 6.886     | 7.086 | 55.890             | 50.000            | 11.8 |
| gamma-BHC (Lindane)  | 3.724 | 3.626     | 3.826 | 54.280             | 50.000            | 8.6  |
| gamma-Chlordane      | 5.118 | 5.020     | 5.220 | 54.440             | 50.000            | 8.9  |
| Heptachlor           | 4.077 | 3.978     | 4.178 | 50.710             | 50.000            | 1.4  |
| Heptachlor epoxide   | 4.865 | 4.767     | 4.967 | 53.590             | 50.000            | 7.2  |
| Methoxychlor         | 6.746 | 6.649     | 6.849 | 47.120             | 50.000            | -5.8 |
| Tetrachloro-m-xylene | 2.876 | 2.778     | 2.978 | 52.310             | 50.000            | 4.6  |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090925\  
 Data File : PD090213.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Sep 2025 11:05  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_D

## ClientSampleId :

PSTDCCC050

## Manual Integrations

## APPROVED

Reviewed By :Abdul Mirza 09/10/2025

Supervised By :mohammad ahmed 09/11/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 09 11:34:24 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 19 13:16:54 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... | 3.547 | 2.876 | 149.3E6  | 1153.5E6 | 50.874m | 52.312m |
| 28)                         | SA Decachlor... | 9.066 | 8.063 | 253.8E6  | 1539.2E6 | 58.799  | 59.461  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.998 | 3.389 | 329.8E6  | 1843.6E6 | 54.950  | 54.320  |
| 3)                          | MA gamma-BHC... | 4.327 | 3.724 | 307.6E6  | 1692.0E6 | 53.717m | 54.283  |
| 4)                          | MA Heptachlor   | 4.926 | 4.077 | 281.3E6  | 1581.7E6 | 50.144  | 50.709  |
| 5)                          | MB Aldrin       | 5.266 | 4.362 | 291.8E6  | 1656.1E6 | 53.890m | 54.378  |
| 6)                          | B beta-BHC      | 4.515 | 4.020 | 117.6E6  | 717.1E6  | 52.420  | 53.797  |
| 7)                          | B delta-BHC     | 4.763 | 4.256 | 304.8E6  | 1703.4E6 | 58.864  | 53.992  |
| 8)                          | B Heptachlo...  | 5.687 | 4.865 | 255.1E6  | 1484.1E6 | 51.980  | 53.586  |
| 9)                          | A Endosulfan I  | 6.071 | 5.239 | 239.7E6  | 1381.9E6 | 51.946  | 52.699  |
| 10)                         | B gamma-Chl...  | 5.943 | 5.118 | 260.6E6  | 1612.2E6 | 53.278  | 54.445  |
| 11)                         | B alpha-Chl...  | 6.023 | 5.183 | 255.7E6  | 1537.3E6 | 51.947  | 53.869  |
| 12)                         | B 4,4'-DDE      | 6.193 | 5.367 | 233.5E6  | 1556.2E6 | 53.220  | 53.991  |
| 13)                         | MA Dieldrin     | 6.342 | 5.505 | 260.0E6  | 1586.9E6 | 53.109m | 54.183  |
| 14)                         | MA Endrin       | 6.569 | 5.782 | 190.0E6  | 1271.7E6 | 45.849m | 47.749  |
| 15)                         | B Endosulfa...  | 6.783 | 6.072 | 220.5E6  | 1359.5E6 | 52.253  | 53.748  |
| 16)                         | A 4,4'-DDD      | 6.702 | 5.921 | 195.4E6  | 1367.1E6 | 56.477  | 56.859  |
| 17)                         | MA 4,4'-DDT     | 7.016 | 6.175 | 155.8E6  | 1157.4E6 | 40.887m | 46.168  |
| 18)                         | B Endrin al...  | 6.912 | 6.251 | 153.2E6  | 967.2E6  | 53.433  | 56.169  |
| 19)                         | B Endosulfa...  | 7.145 | 6.474 | 199.8E6  | 1288.6E6 | 50.997m | 52.854  |
| 20)                         | A Methoxychlor  | 7.490 | 6.746 | 89201033 | 607.7E6  | 44.476  | 47.122  |
| 21)                         | B Endrin ke...  | 7.627 | 6.983 | 223.4E6  | 1489.3E6 | 53.901  | 55.895  |
| 22)                         | Mirex           | 8.109 | 7.176 | 150.3E6  | 1055.1E6 | 47.655  | 51.082  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090925\  
Data File : PD090213.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Sep 2025 11:05  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_D

## ClientSampleId :

PSTDCCC050

## Manual Integrations

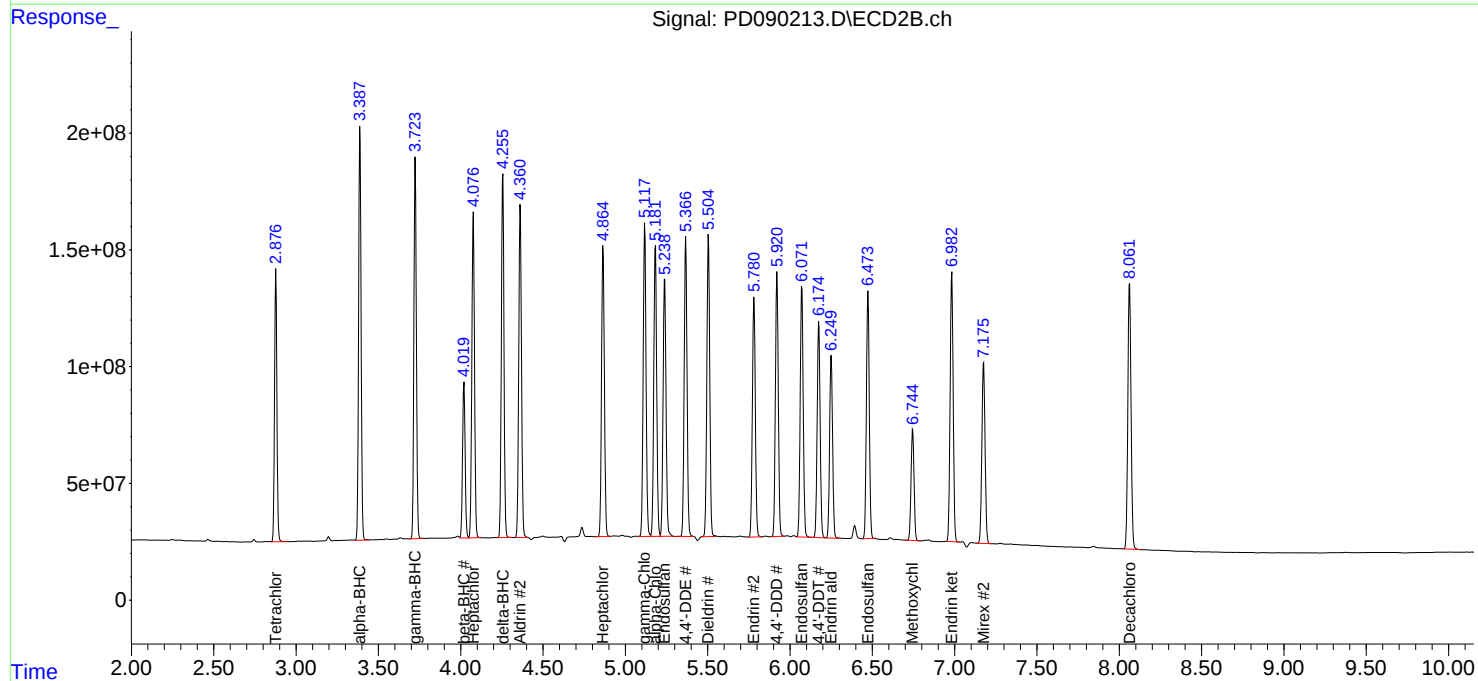
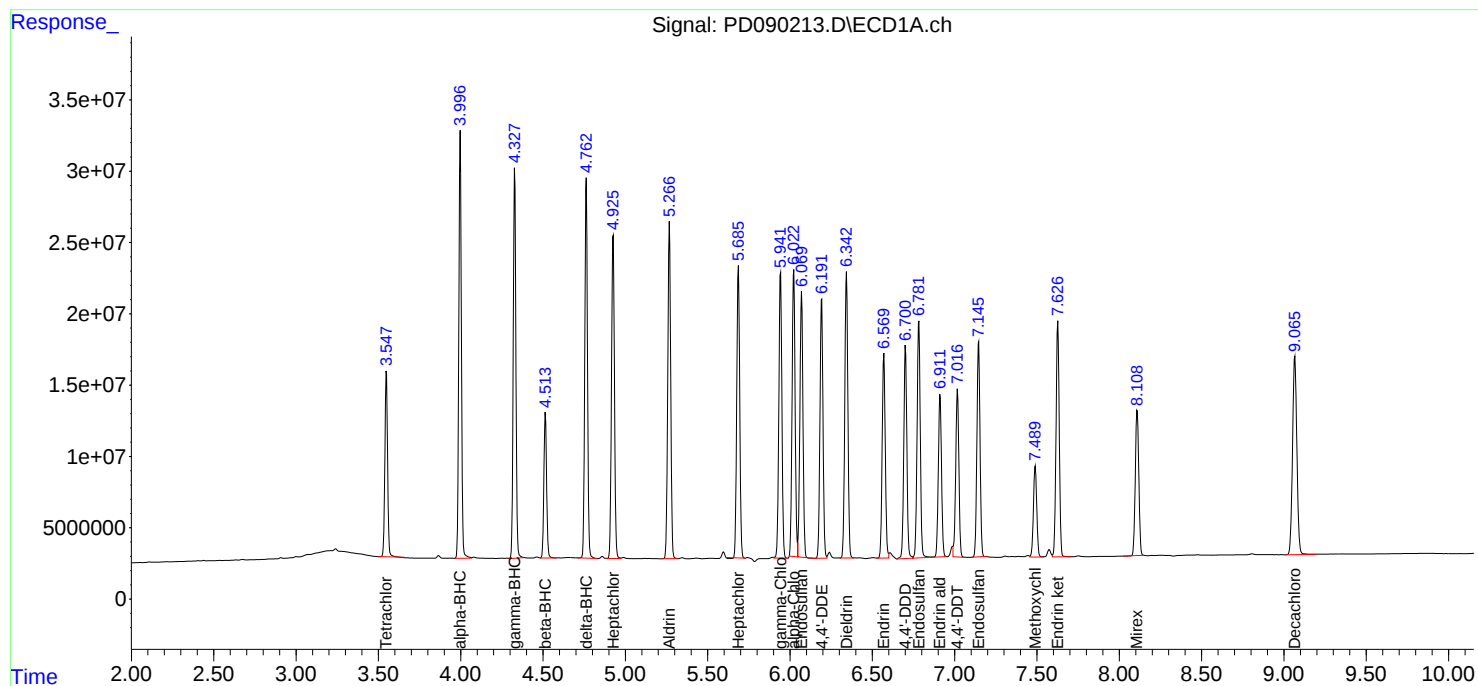
## APPROVED

Reviewed By :Abdul Mirza 09/10/2025

Supervised By :mohammad ahmed 09/11/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 09 11:34:24 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 13:16:54 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: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Continuing Calib Date: 09/09/2025

Initial Calibration Date(s): 08/18/2025

08/18/2025

Continuing Calib Time: 17:11

Initial Calibration Time(s): 11:25

12:20

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       | 4.51      | 4.41      | 4.61 | -0.01      |
| delta-BHC            | 4.77       | 4.76      | 4.66      | 4.86 | -0.01      |
| gamma-BHC (Lindane)  | 4.33       | 4.33      | 4.23      | 4.43 | 0.00       |
| Heptachlor           | 4.93       | 4.93      | 4.83      | 5.03 | 0.00       |
| Aldrin               | 5.27       | 5.27      | 5.17      | 5.37 | 0.00       |
| Heptachlor epoxide   | 5.69       | 5.69      | 5.59      | 5.79 | 0.00       |
| Endosulfan I         | 6.08       | 6.07      | 5.97      | 6.17 | 0.00       |
| Dieldrin             | 6.35       | 6.34      | 6.24      | 6.44 | -0.01      |
| 4,4'-DDE             | 6.20       | 6.19      | 6.09      | 6.29 | -0.01      |
| Endrin               | 6.57       | 6.57      | 6.47      | 6.67 | 0.00       |
| Endosulfan II        | 6.79       | 6.78      | 6.68      | 6.88 | 0.00       |
| 4,4'-DDD             | 6.71       | 6.70      | 6.60      | 6.80 | 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       | 6.91      | 6.81      | 7.01 | -0.01      |
| alpha-Chlordane      | 6.03       | 6.02      | 5.92      | 6.12 | -0.01      |
| gamma-Chlordane      | 5.95       | 5.94      | 5.84      | 6.04 | -0.01      |



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

### CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Continuing Calib Date: 09/09/2025

Initial Calibration Date(s): 08/18/2025

08/18/2025

Continuing Calib Time: 17:11

Initial Calibration Time(s): 11:25

12:20

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

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 8.06       | 8.07      | 7.97      | 8.17 | 0.01       |
| 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       | 4.02      | 3.92      | 4.12 | 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 | 0.01       |
| Heptachlor           | 4.08       | 4.08      | 3.98      | 4.18 | 0.00       |
| Aldrin               | 4.36       | 4.36      | 4.26      | 4.46 | 0.00       |
| Heptachlor epoxide   | 4.87       | 4.87      | 4.77      | 4.97 | 0.00       |
| Endosulfan I         | 5.24       | 5.24      | 5.14      | 5.34 | 0.00       |
| Dieldrin             | 5.51       | 5.51      | 5.41      | 5.61 | 0.00       |
| 4,4'-DDE             | 5.37       | 5.37      | 5.27      | 5.47 | 0.00       |
| Endrin               | 5.78       | 5.78      | 5.68      | 5.88 | 0.00       |
| Endosulfan II        | 6.08       | 6.08      | 5.98      | 6.18 | 0.01       |
| 4,4'-DDD             | 5.92       | 5.92      | 5.82      | 6.02 | 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       | 6.75      | 6.65      | 6.85 | 0.00       |
| Endrin ketone        | 6.99       | 6.99      | 6.89      | 7.09 | 0.00       |
| Endrin aldehyde      | 6.25       | 6.25      | 6.15      | 6.35 | 0.00       |
| alpha-Chlordane      | 5.18       | 5.19      | 5.09      | 5.29 | 0.01       |
| gamma-Chlordane      | 5.12       | 5.12      | 5.02      | 5.22 | 0.00       |



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

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ZUCC01  
**Lab Code:** ACE **SDG NO.:** Q3032  
**GC Column:** ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/18/2025 08/18/2025

**Client Sample No.:** CCAL06 **Date Analyzed:** 09/09/2025  
**Lab Sample No.:** PSTDCCC050 **Data File :** PD090217.D **Time Analyzed:** 17:11

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| 4,4'-DDD             | 6.705 | 6.602     | 6.802 | 53.240             | 50.000            | 6.5   |
| 4,4'-DDE             | 6.196 | 6.092     | 6.292 | 51.910             | 50.000            | 3.8   |
| 4,4'-DDT             | 7.021 | 6.918     | 7.118 | 40.410             | 50.000            | -19.2 |
| Aldrin               | 5.270 | 5.167     | 5.367 | 50.370             | 50.000            | 0.7   |
| alpha-BHC            | 4.002 | 3.897     | 4.097 | 51.020             | 50.000            | 2.0   |
| alpha-Chlordane      | 6.027 | 5.924     | 6.124 | 49.150             | 50.000            | -1.7  |
| beta-BHC             | 4.518 | 4.414     | 4.614 | 49.100             | 50.000            | -1.8  |
| Decachlorobiphenyl   | 9.071 | 8.967     | 9.167 | 57.230             | 50.000            | 14.5  |
| delta-BHC            | 4.767 | 4.662     | 4.862 | 54.650             | 50.000            | 9.3   |
| Dieldrin             | 6.346 | 6.244     | 6.444 | 49.640             | 50.000            | -0.7  |
| Endosulfan I         | 6.075 | 5.971     | 6.171 | 49.220             | 50.000            | -1.6  |
| Endosulfan II        | 6.785 | 6.683     | 6.883 | 47.740             | 50.000            | -4.5  |
| Endosulfan sulfate   | 7.149 | 7.047     | 7.247 | 47.630             | 50.000            | -4.7  |
| Endrin               | 6.573 | 6.471     | 6.671 | 44.240             | 50.000            | -11.5 |
| Endrin aldehyde      | 6.916 | 6.812     | 7.012 | 50.500             | 50.000            | 1.0   |
| Endrin ketone        | 7.631 | 7.527     | 7.727 | 50.770             | 50.000            | 1.5   |
| gamma-BHC (Lindane)  | 4.331 | 4.228     | 4.428 | 49.810             | 50.000            | -0.4  |
| gamma-Chlordane      | 5.947 | 5.843     | 6.043 | 49.910             | 50.000            | -0.2  |
| Heptachlor           | 4.930 | 4.826     | 5.026 | 47.450             | 50.000            | -5.1  |
| Heptachlor epoxide   | 5.692 | 5.587     | 5.787 | 49.020             | 50.000            | -2.0  |
| Methoxychlor         | 7.494 | 7.390     | 7.590 | 43.160             | 50.000            | -13.7 |
| Tetrachloro-m-xylene | 3.552 | 3.448     | 3.648 | 50.800             | 50.000            | 1.6   |



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

### CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ZUCC01  
**Lab Code:** ACE **SDG NO.:** Q3032  
**GC Column:** ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/18/2025 08/18/2025

**Client Sample No.:** CCAL06 **Date Analyzed:** 09/09/2025  
**Lab Sample No.:** PSTDCCC050 **Data File :** PD090217.D **Time Analyzed:** 17:11

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| 4,4'-DDD             | 5.923 | 5.824     | 6.024 | 53.540             | 50.000            | 7.1   |
| 4,4'-DDE             | 5.369 | 5.269     | 5.469 | 50.790             | 50.000            | 1.6   |
| 4,4'-DDT             | 6.177 | 6.078     | 6.278 | 44.820             | 50.000            | -10.4 |
| Aldrin               | 4.363 | 4.264     | 4.464 | 51.140             | 50.000            | 2.3   |
| alpha-BHC            | 3.389 | 3.290     | 3.490 | 51.110             | 50.000            | 2.2   |
| alpha-Chlordane      | 5.184 | 5.085     | 5.285 | 50.630             | 50.000            | 1.3   |
| beta-BHC             | 4.021 | 3.921     | 4.121 | 50.310             | 50.000            | 0.6   |
| Decachlorobiphenyl   | 8.064 | 7.965     | 8.165 | 58.230             | 50.000            | 16.5  |
| delta-BHC            | 4.258 | 4.158     | 4.358 | 50.890             | 50.000            | 1.8   |
| Dieldrin             | 5.507 | 5.407     | 5.607 | 51.290             | 50.000            | 2.6   |
| Endosulfan I         | 5.241 | 5.142     | 5.342 | 47.140             | 50.000            | -5.7  |
| Endosulfan II        | 6.075 | 5.975     | 6.175 | 50.830             | 50.000            | 1.7   |
| Endosulfan sulfate   | 6.476 | 6.377     | 6.577 | 50.200             | 50.000            | 0.4   |
| Endrin               | 5.784 | 5.684     | 5.884 | 48.270             | 50.000            | -3.5  |
| Endrin aldehyde      | 6.253 | 6.153     | 6.353 | 53.430             | 50.000            | 6.9   |
| Endrin ketone        | 6.986 | 6.886     | 7.086 | 53.170             | 50.000            | 6.3   |
| gamma-BHC (Lindane)  | 3.725 | 3.626     | 3.826 | 51.120             | 50.000            | 2.2   |
| gamma-Chlordane      | 5.119 | 5.020     | 5.220 | 51.100             | 50.000            | 2.2   |
| Heptachlor           | 4.078 | 3.978     | 4.178 | 48.300             | 50.000            | -3.4  |
| Heptachlor epoxide   | 4.867 | 4.767     | 4.967 | 50.410             | 50.000            | 0.8   |
| Methoxychlor         | 6.748 | 6.649     | 6.849 | 46.940             | 50.000            | -6.1  |
| Tetrachloro-m-xylene | 2.878 | 2.778     | 2.978 | 49.060             | 50.000            | -1.9  |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090925\  
 Data File : PD090217.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Sep 2025 17:11  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 09/10/2025  
 Supervised By : mohammad ahmed 09/11/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 10 06:47:52 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 19 13:16:54 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 | 2.878 | 149.1E6  | 1081.8E6 | 50.800  | 49.061 |
| 28)                         | SA Decachlor... | 9.071 | 8.064 | 247.0E6  | 1507.3E6 | 57.232  | 58.231 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 4.002 | 3.389 | 306.2E6  | 1734.5E6 | 51.022  | 51.108 |
| 3)                          | MA gamma-BHC... | 4.331 | 3.725 | 285.2E6  | 1593.6E6 | 49.809m | 51.125 |
| 4)                          | MA Heptachlor   | 4.930 | 4.078 | 266.2E6  | 1506.4E6 | 47.453  | 48.296 |
| 5)                          | MB Aldrin       | 5.270 | 4.363 | 272.7E6  | 1557.4E6 | 50.370m | 51.136 |
| 6)                          | B beta-BHC      | 4.518 | 4.021 | 110.1E6  | 670.6E6  | 49.100  | 50.306 |
| 7)                          | B delta-BHC     | 4.767 | 4.258 | 283.0E6  | 1605.6E6 | 54.652  | 50.892 |
| 8)                          | B Heptachlo...  | 5.692 | 4.867 | 240.5E6  | 1396.0E6 | 49.016  | 50.405 |
| 9)                          | A Endosulfan I  | 6.075 | 5.241 | 227.2E6  | 1236.1E6 | 49.223  | 47.138 |
| 10)                         | B gamma-Chl...  | 5.947 | 5.119 | 244.1E6  | 1513.1E6 | 49.909  | 51.098 |
| 11)                         | B alpha-Chl...  | 6.027 | 5.184 | 241.9E6  | 1444.9E6 | 49.149  | 50.631 |
| 12)                         | B 4,4'-DDE      | 6.196 | 5.369 | 227.8E6  | 1463.9E6 | 51.906  | 50.791 |
| 13)                         | MA Dieldrin     | 6.346 | 5.507 | 243.0E6  | 1502.1E6 | 49.643m | 51.290 |
| 14)                         | MA Endrin       | 6.573 | 5.784 | 183.3E6  | 1285.5E6 | 44.236m | 48.269 |
| 15)                         | B Endosulfa...  | 6.785 | 6.075 | 201.5E6  | 1285.7E6 | 47.744m | 50.830 |
| 16)                         | A 4,4'-DDD      | 6.705 | 5.923 | 184.2E6  | 1287.4E6 | 53.237m | 53.544 |
| 17)                         | MA 4,4'-DDT     | 7.021 | 6.177 | 154.0E6  | 1123.6E6 | 40.414m | 44.820 |
| 18)                         | B Endrin al...  | 6.916 | 6.253 | 144.8E6  | 920.0E6  | 50.500  | 53.426 |
| 19)                         | B Endosulfa...  | 7.149 | 6.476 | 186.6E6  | 1223.9E6 | 47.631m | 50.203 |
| 20)                         | A Methoxychlor  | 7.494 | 6.748 | 86562108 | 605.3E6  | 43.160  | 46.937 |
| 21)                         | B Endrin ke...  | 7.631 | 6.986 | 210.4E6  | 1416.7E6 | 50.767  | 53.169 |
| 22)                         | Mirex           | 8.113 | 7.178 | 142.2E6  | 1011.0E6 | 45.072  | 48.945 |
| -----                       |                 |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090925\  
Data File : PD090217.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Sep 2025 17:11  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_D

## ClientSampleId :

PSTDCCC050

## Manual Integrations

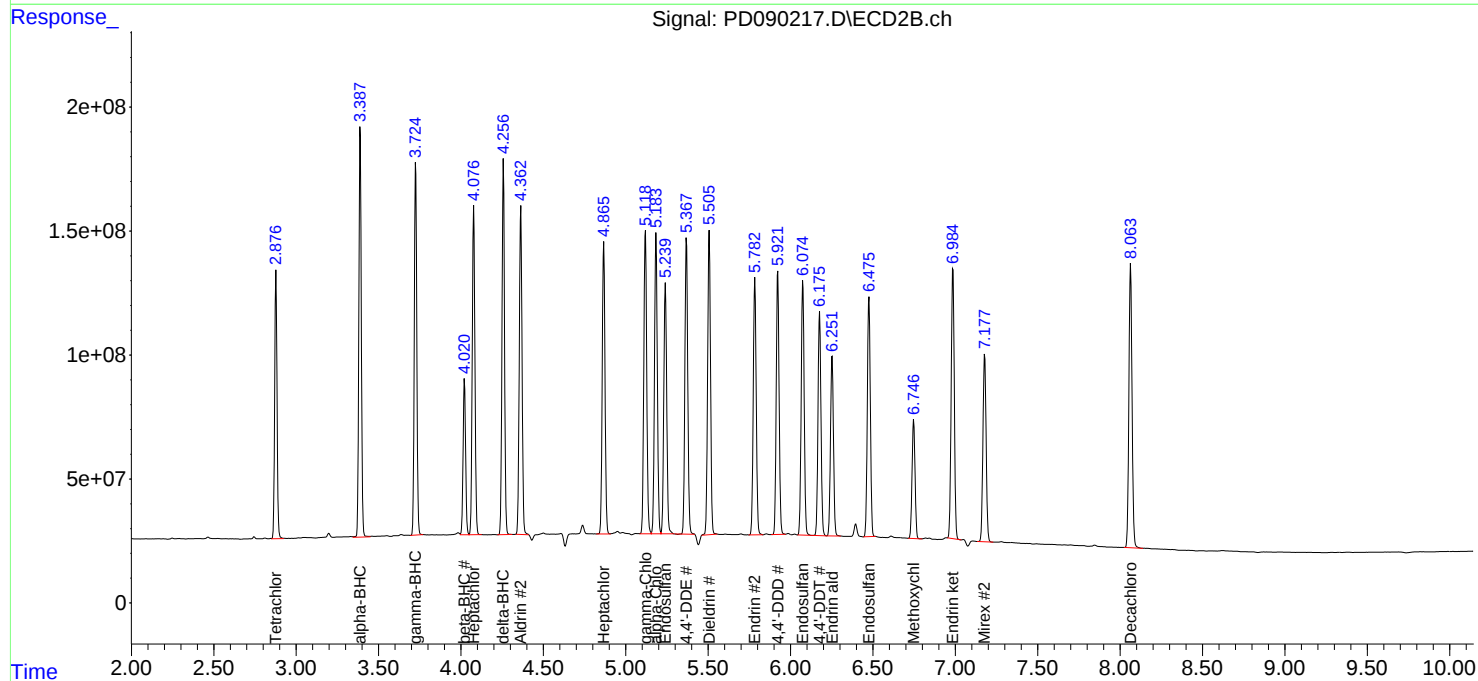
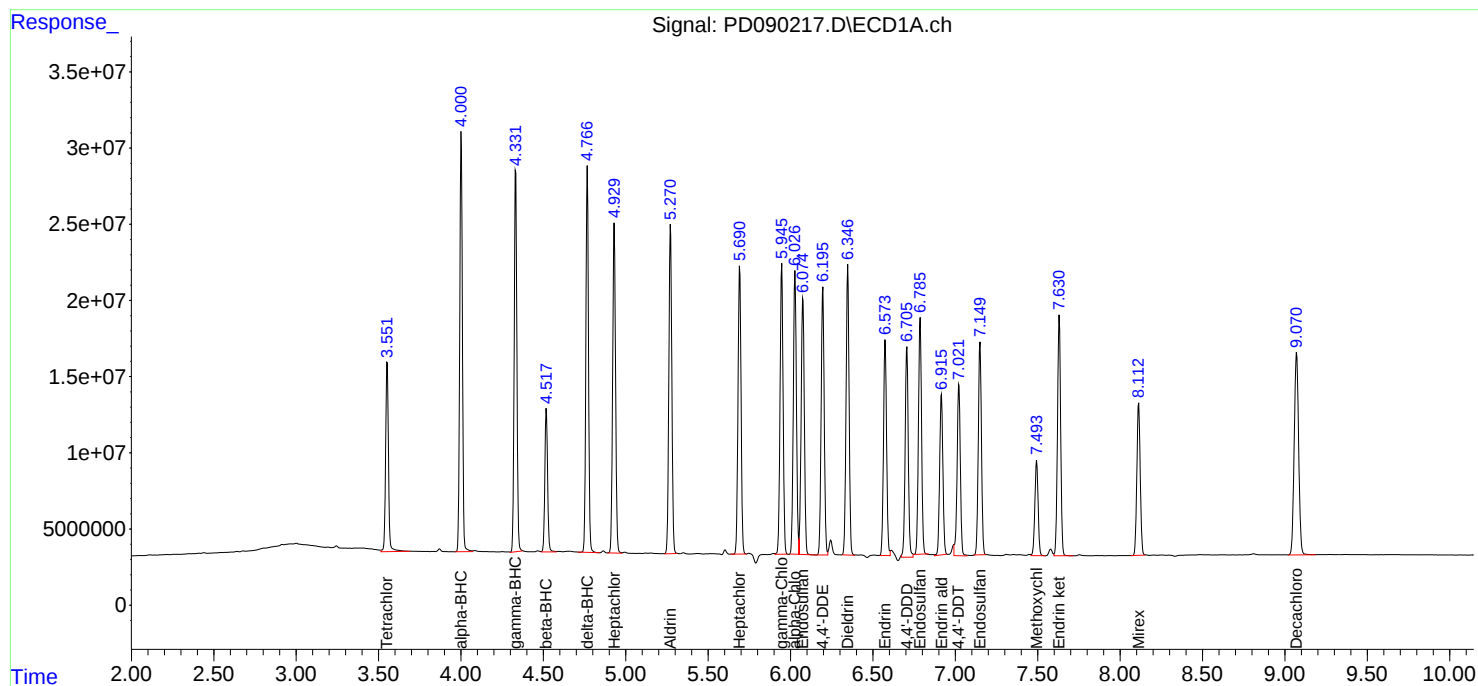
## APPROVED

Reviewed By :Abdul Mirza 09/10/2025

Supervised By :mohammad ahmed 09/11/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 10 06:47:52 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 13:16:54 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: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 08/18/2025 08/18/2025

Client Sample No. (PEM): PEM - PD089962.D Date Analyzed: 08/18/2025

Lab Sample No.(PEM): PEM Time Analyzed: 10:57

| PEM COMPOUND         | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| Decachlorobiphenyl   | 9.067 | 8.970     | 9.170 | 19.240             | 20.000            | -3.8  |
| Tetrachloro-m-xylene | 3.547 | 3.500     | 3.600 | 18.000             | 20.000            | -10.0 |
| alpha-BHC            | 3.996 | 3.950     | 4.050 | 8.460              | 10.000            | -15.4 |
| beta-BHC             | 4.514 | 4.460     | 4.560 | 9.550              | 10.000            | -4.5  |
| gamma-BHC (Lindane)  | 4.327 | 4.280     | 4.380 | 8.800              | 10.000            | -12.0 |
| Endrin               | 6.571 | 6.500     | 6.640 | 46.440             | 50.000            | -7.1  |
| 4,4'-DDT             | 7.017 | 6.950     | 7.090 | 92.340             | 100.000           | -7.7  |
| Methoxychlor         | 7.490 | 7.420     | 7.560 | 216.780            | 250.000           | -13.3 |

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 08/18/2025 08/18/2025

Client Sample No. (PEM): PEM - PD089962.D Date Analyzed: 08/18/2025

Lab Sample No.(PEM): PEM Time Analyzed: 10:57

| PEM COMPOUND         | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| Decachlorobiphenyl   | 8.065 | 7.960     | 8.170 | 18.090             | 20.000            | -9.6  |
| Tetrachloro-m-xylene | 2.878 | 2.830     | 2.930 | 18.480             | 20.000            | -7.6  |
| alpha-BHC            | 3.390 | 3.340     | 3.440 | 9.940              | 10.000            | -0.6  |
| beta-BHC             | 4.022 | 3.970     | 4.070 | 10.050             | 10.000            | 0.5   |
| gamma-BHC (Lindane)  | 3.726 | 3.680     | 3.780 | 9.780              | 10.000            | -2.2  |
| Endrin               | 5.784 | 5.710     | 5.850 | 44.880             | 50.000            | -10.2 |
| 4,4'-DDT             | 6.177 | 6.110     | 6.250 | 86.730             | 100.000           | -13.3 |
| Methoxychlor         | 6.748 | 6.680     | 6.820 | 185.620            | 250.000           | -25.8 |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081825\  
 Data File : PD089962.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Aug 2025 10:57  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 19 05:50:24 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 19 05:46:23 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... | 3.547 | 2.878 | 52822124 | 407.5E6  | 17.998  | 18.482  |
| 28)                         | SA Decachlor... | 9.067 | 8.065 | 83019356 | 468.1E6  | 19.236  | 18.085  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.996 | 3.390 | 50768567 | 337.3E6  | 8.458   | 9.937   |
| 3)                          | MA gamma-BHC... | 4.327 | 3.726 | 50414597 | 304.8E6  | 8.803   | 9.777   |
| 6)                          | B beta-BHC      | 4.514 | 4.022 | 21427253 | 134.0E6  | 9.553   | 10.050  |
| 14)                         | MA Endrin       | 6.571 | 5.784 | 192.4E6  | 1195.1E6 | 46.444  | 44.876  |
| 16)                         | A 4,4'-DDD      | 6.702 | 5.925 | 2470686  | 19040432 | 0.714   | 0.792   |
| 17)                         | MA 4,4'-DDT     | 7.017 | 6.177 | 351.8E6  | 2174.2E6 | 92.342  | 86.726  |
| 18)                         | B Endrin al...  | 6.914 | 6.252 | 879623   | 12473710 | 0.307   | 0.724 # |
| 20)                         | A Methoxychlor  | 7.490 | 6.748 | 434.8E6  | 2393.7E6 | 216.778 | 185.618 |
| 21)                         | B Endrin ke...  | 7.626 | 6.985 | 1872381  | 21266333 | 0.452   | 0.798 # |
| -----                       |                 |       |       |          |          |         |         |

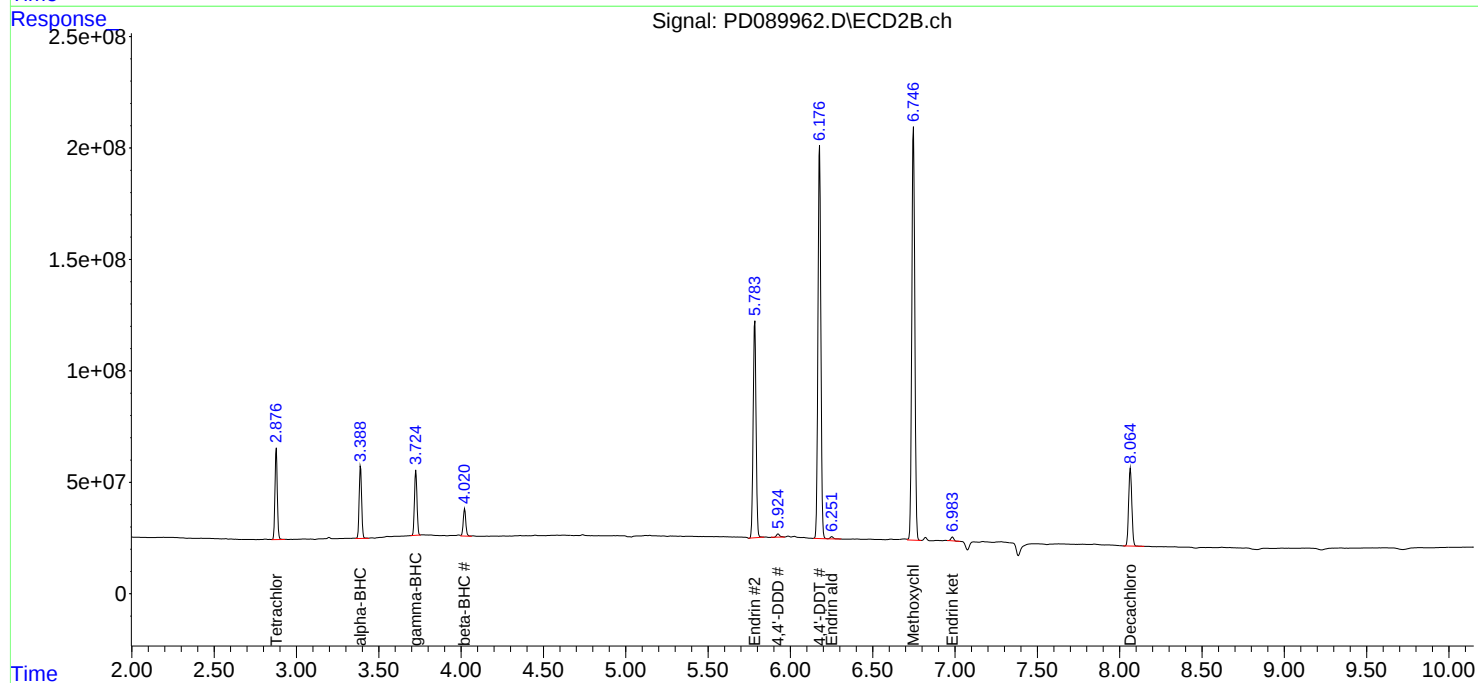
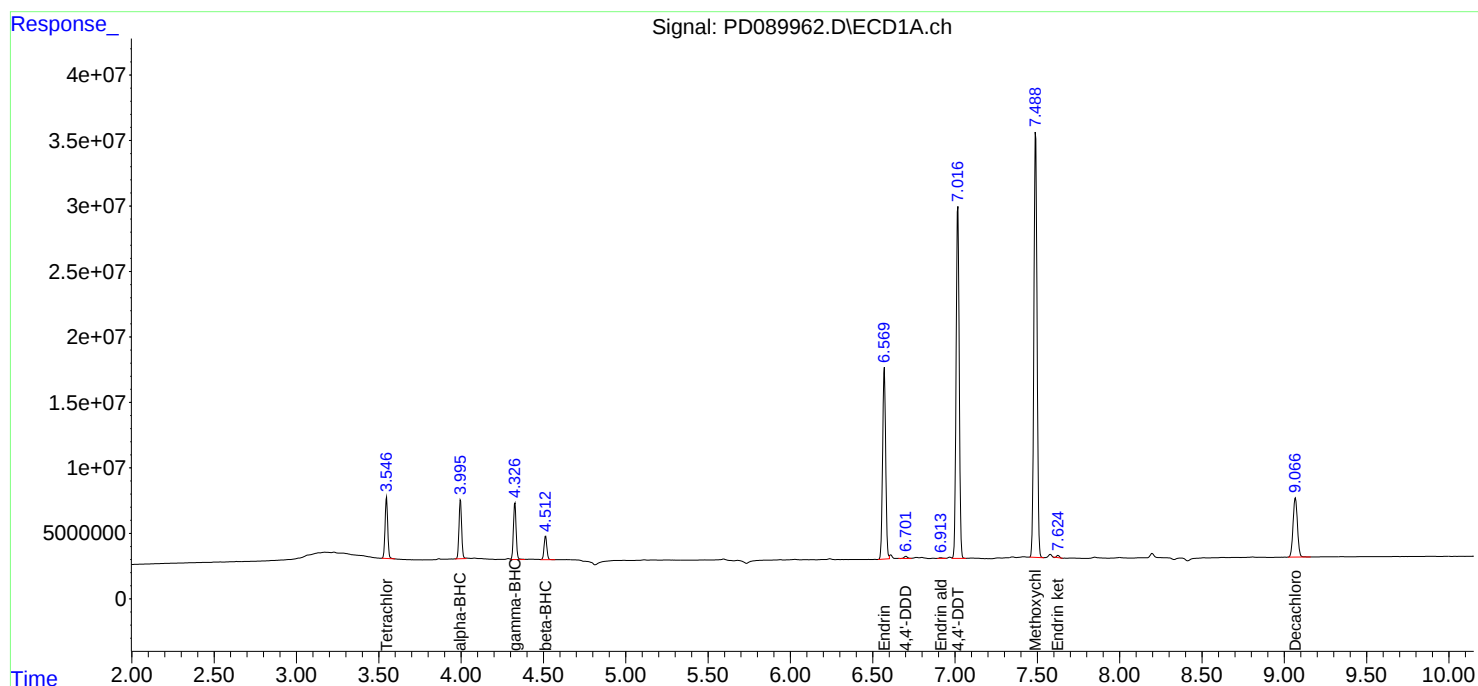
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081825\  
Data File : PD089962.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Aug 2025 10:57  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 19 05:50:24 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 05:46:23 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: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 08/18/2025 08/18/2025

Client Sample No. (PEM): PEM - PD090183.D Date Analyzed: 09/08/2025

Lab Sample No.(PEM): PEM Time Analyzed: 09:56

| PEM COMPOUND         | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| Decachlorobiphenyl   | 9.068 | 8.970     | 9.170 | 17.290             | 20.000            | -13.6 |
| Tetrachloro-m-xylene | 3.549 | 3.500     | 3.600 | 19.160             | 20.000            | -4.2  |
| alpha-BHC            | 3.998 | 3.950     | 4.050 | 9.150              | 10.000            | -8.5  |
| beta-BHC             | 4.515 | 4.460     | 4.570 | 10.160             | 10.000            | 1.6   |
| gamma-BHC (Lindane)  | 4.328 | 4.280     | 4.380 | 9.380              | 10.000            | -6.2  |
| Endrin               | 6.571 | 6.500     | 6.640 | 40.570             | 50.000            | -18.9 |
| 4,4'-DDT             | 7.018 | 6.950     | 7.090 | 71.170             | 100.000           | -28.8 |
| Methoxychlor         | 7.490 | 7.420     | 7.560 | 162.130            | 250.000           | -35.1 |

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 08/18/2025 08/18/2025

Client Sample No. (PEM): PEM - PD090183.D Date Analyzed: 09/08/2025

Lab Sample No.(PEM): PEM Time Analyzed: 09:56

| PEM COMPOUND         | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| Decachlorobiphenyl   | 8.063 | 7.960     | 8.160 | 16.260             | 20.000            | -18.7 |
| Tetrachloro-m-xylene | 2.877 | 2.830     | 2.930 | 20.410             | 20.000            | 2.1   |
| alpha-BHC            | 3.389 | 3.340     | 3.440 | 10.990             | 10.000            | 9.9   |
| beta-BHC             | 4.020 | 3.970     | 4.070 | 10.900             | 10.000            | 9.0   |
| gamma-BHC (Lindane)  | 3.724 | 3.670     | 3.770 | 10.810             | 10.000            | 8.1   |
| Endrin               | 5.782 | 5.710     | 5.850 | 42.070             | 50.000            | -15.9 |
| 4,4'-DDT             | 6.175 | 6.100     | 6.250 | 75.760             | 100.000           | -24.2 |
| Methoxychlor         | 6.746 | 6.680     | 6.820 | 145.130            | 250.000           | -41.9 |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090825\  
 Data File : PD090183.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Sep 2025 09:56  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

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

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 09 01:40:49 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 19 13:16:54 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 | 2.877 | 56230857 | 450.1E6  | 19.160  | 20.413  |
| 28)                         | SA Decachlor... | 9.068 | 8.063 | 74601640 | 420.8E6  | 17.285  | 16.255  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.998 | 3.389 | 54931379 | 372.8E6  | 9.152   | 10.985  |
| 3)                          | MA gamma-BHC... | 4.328 | 3.724 | 53737787 | 337.0E6  | 9.383   | 10.812  |
| 6)                          | B beta-BHC      | 4.515 | 4.020 | 22794882 | 145.3E6  | 10.163  | 10.897  |
| 12)                         | B 4,4'-DDE      | 6.192 | 5.368 | 1152483  | 9180245  | 0.263   | 0.319   |
| 14)                         | MA Endrin       | 6.571 | 5.782 | 168.1E6  | 1120.4E6 | 40.570  | 42.070  |
| 16)                         | A 4,4'-DDD      | 6.702 | 5.922 | 23262198 | 187.3E6  | 6.725   | 7.790   |
| 17)                         | MA 4,4'-DDT     | 7.018 | 6.175 | 271.1E6  | 1899.3E6 | 71.170  | 75.759  |
| 18)                         | B Endrin al...  | 6.912 | 6.251 | 4767539  | 35431324 | 1.663   | 2.058   |
| 20)                         | A Methoxychlor  | 7.490 | 6.746 | 325.2E6  | 1871.6E6 | 162.131 | 145.130 |
| 21)                         | B Endrin ke...  | 7.625 | 6.983 | 14012045 | 126.5E6  | 3.381m  | 4.748 # |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090825\  
Data File : PD090183.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Sep 2025 09:56  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

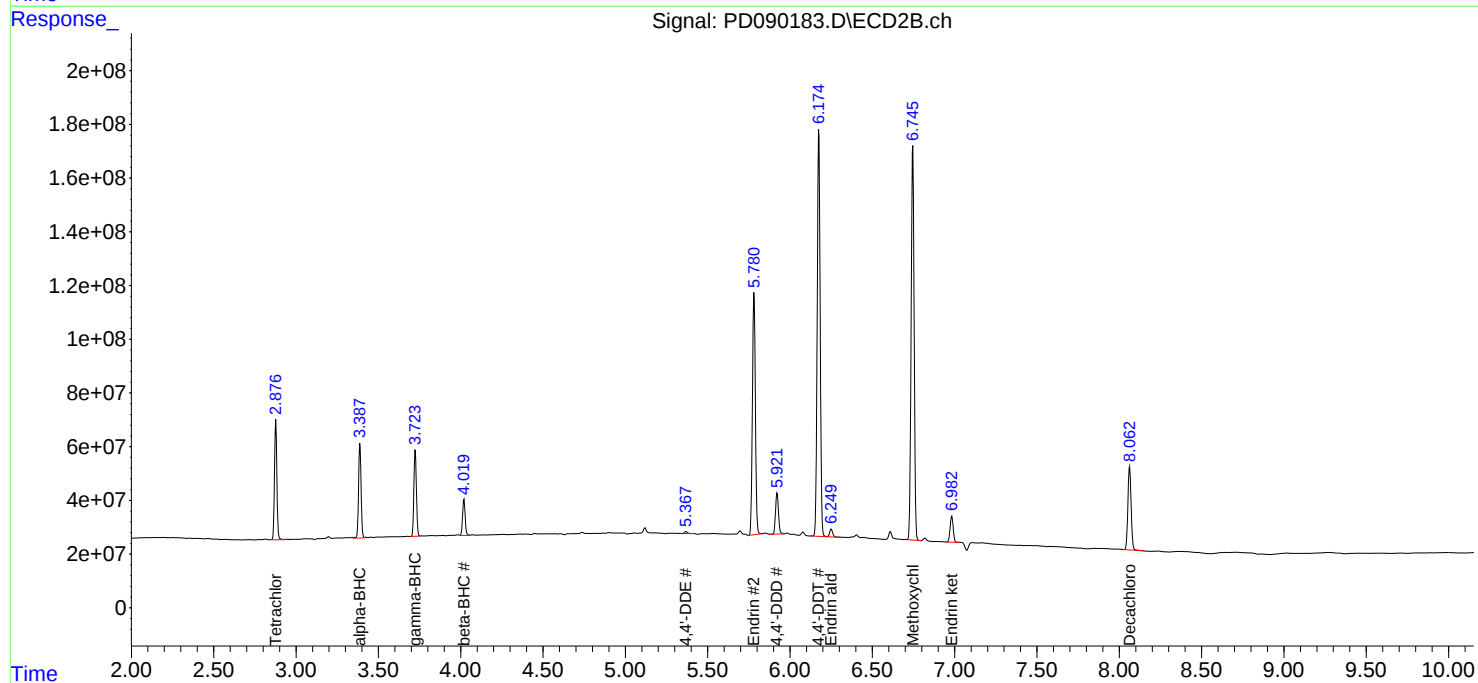
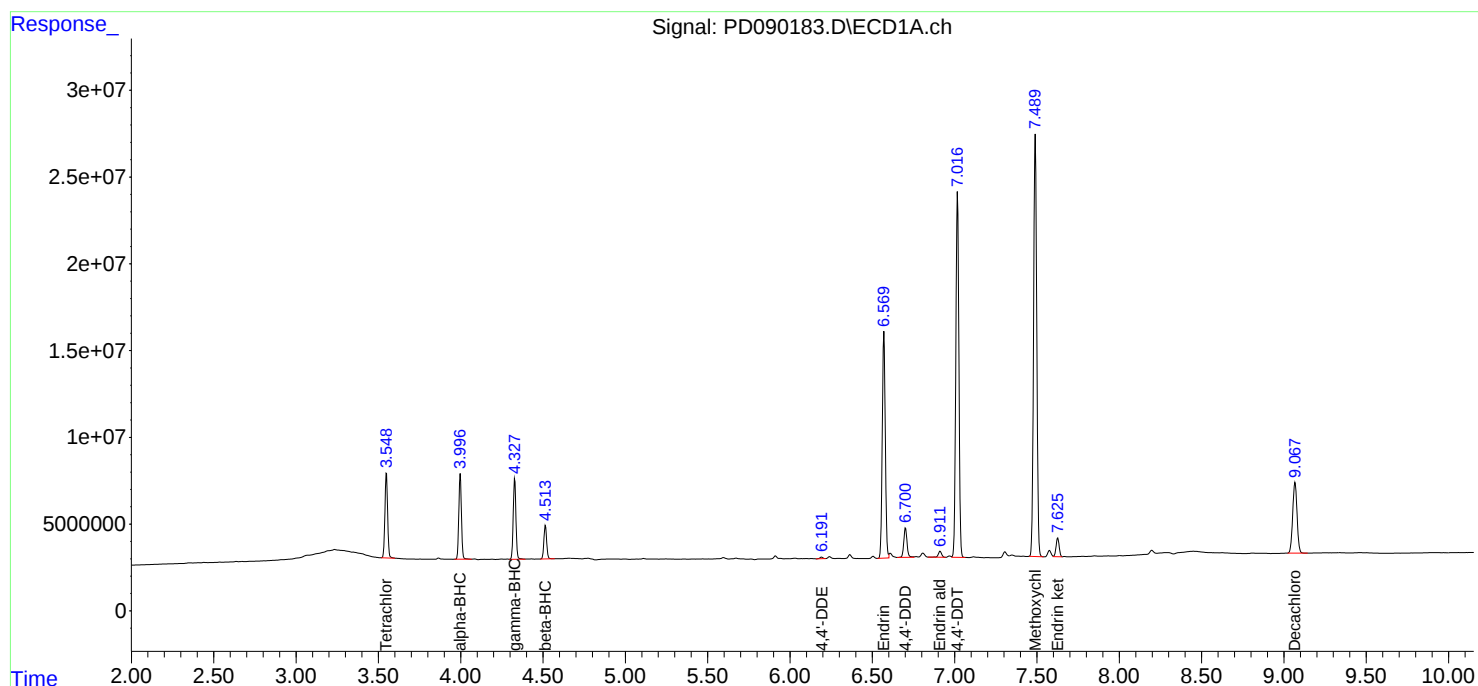
Instrument :  
ECD\_D  
ClientSampleId :  
PEM

Manual Integrations  
APPROVED

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

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 09 01:40:49 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 13:16:54 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: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 08/18/2025 08/18/2025

Client Sample No. (PEM): PEM - PD090212.D Date Analyzed: 09/09/2025

Lab Sample No.(PEM): PEM Time Analyzed: 10:51

| PEM COMPOUND         | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| Decachlorobiphenyl   | 9.067 | 8.970     | 9.170 | 18.270             | 20.000            | -8.7  |
| Tetrachloro-m-xylene | 3.549 | 3.500     | 3.600 | 19.080             | 20.000            | -4.6  |
| alpha-BHC            | 3.998 | 3.950     | 4.050 | 9.110              | 10.000            | -8.9  |
| beta-BHC             | 4.515 | 4.460     | 4.570 | 10.260             | 10.000            | 2.6   |
| gamma-BHC (Lindane)  | 4.329 | 4.280     | 4.380 | 9.380              | 10.000            | -6.2  |
| Endrin               | 6.571 | 6.500     | 6.640 | 42.420             | 50.000            | -15.2 |
| 4,4'-DDT             | 7.018 | 6.950     | 7.090 | 75.540             | 100.000           | -24.5 |
| Methoxychlor         | 7.491 | 7.420     | 7.560 | 173.540            | 250.000           | -30.6 |

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 08/18/2025 08/18/2025

Client Sample No. (PEM): PEM - PD090212.D Date Analyzed: 09/09/2025

Lab Sample No.(PEM): PEM Time Analyzed: 10:51

| PEM COMPOUND         | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| Decachlorobiphenyl   | 8.062 | 7.960     | 8.160 | 18.440             | 20.000            | -7.8  |
| Tetrachloro-m-xylene | 2.877 | 2.830     | 2.930 | 20.790             | 20.000            | 4.0   |
| alpha-BHC            | 3.388 | 3.340     | 3.440 | 11.200             | 10.000            | 12.0  |
| beta-BHC             | 4.021 | 3.970     | 4.070 | 11.180             | 10.000            | 11.8  |
| gamma-BHC (Lindane)  | 3.725 | 3.670     | 3.780 | 11.040             | 10.000            | 10.4  |
| Endrin               | 5.782 | 5.710     | 5.850 | 44.780             | 50.000            | -10.4 |
| 4,4'-DDT             | 6.175 | 6.100     | 6.250 | 81.030             | 100.000           | -19.0 |
| Methoxychlor         | 6.746 | 6.680     | 6.820 | 164.160            | 250.000           | -34.3 |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090925\  
 Data File : PD090212.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Sep 2025 10:51  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 09 11:26:30 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 19 13:16:54 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 | 2.877 | 55995641 | 458.4E6  | 19.080  | 20.790  |
| 28)                         | SA Decachlor... | 9.067 | 8.062 | 78868773 | 477.2E6  | 18.274  | 18.436  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.998 | 3.388 | 54678348 | 380.1E6  | 9.110   | 11.201  |
| 3)                          | MA gamma-BHC... | 4.329 | 3.725 | 53719324 | 344.2E6  | 9.380   | 11.044  |
| 6)                          | B beta-BHC      | 4.515 | 4.021 | 23023308 | 149.0E6  | 10.264  | 11.176  |
| 12)                         | B 4,4'-DDE      | 6.192 | 5.368 | 1011424  | 8924637  | 0.230   | 0.310 # |
| 14)                         | MA Endrin       | 6.571 | 5.782 | 175.8E6  | 1192.5E6 | 42.425  | 44.778  |
| 16)                         | A 4,4'-DDD      | 6.702 | 5.922 | 29318127 | 237.6E6  | 8.476   | 9.880   |
| 17)                         | MA 4,4'-DDT     | 7.018 | 6.175 | 287.8E6  | 2031.3E6 | 75.537  | 81.025  |
| 18)                         | B Endrin al...  | 6.912 | 6.251 | 4771954  | 38302477 | 1.664   | 2.224 # |
| 20)                         | A Methoxychlor  | 7.491 | 6.746 | 348.0E6  | 2116.9E6 | 173.537 | 164.156 |
| 21)                         | B Endrin ke...  | 7.627 | 6.983 | 15278120 | 150.4E6  | 3.686   | 5.645 # |
| -----                       |                 |       |       |          |          |         |         |

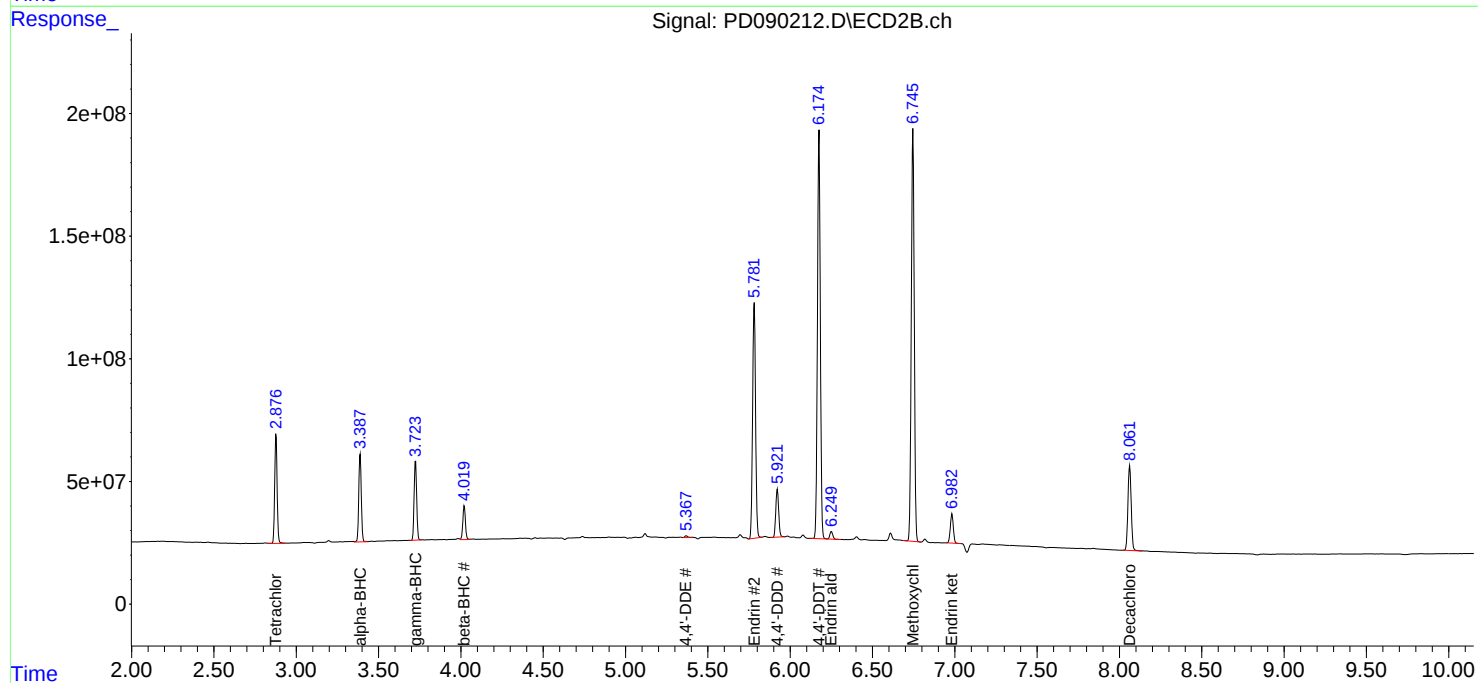
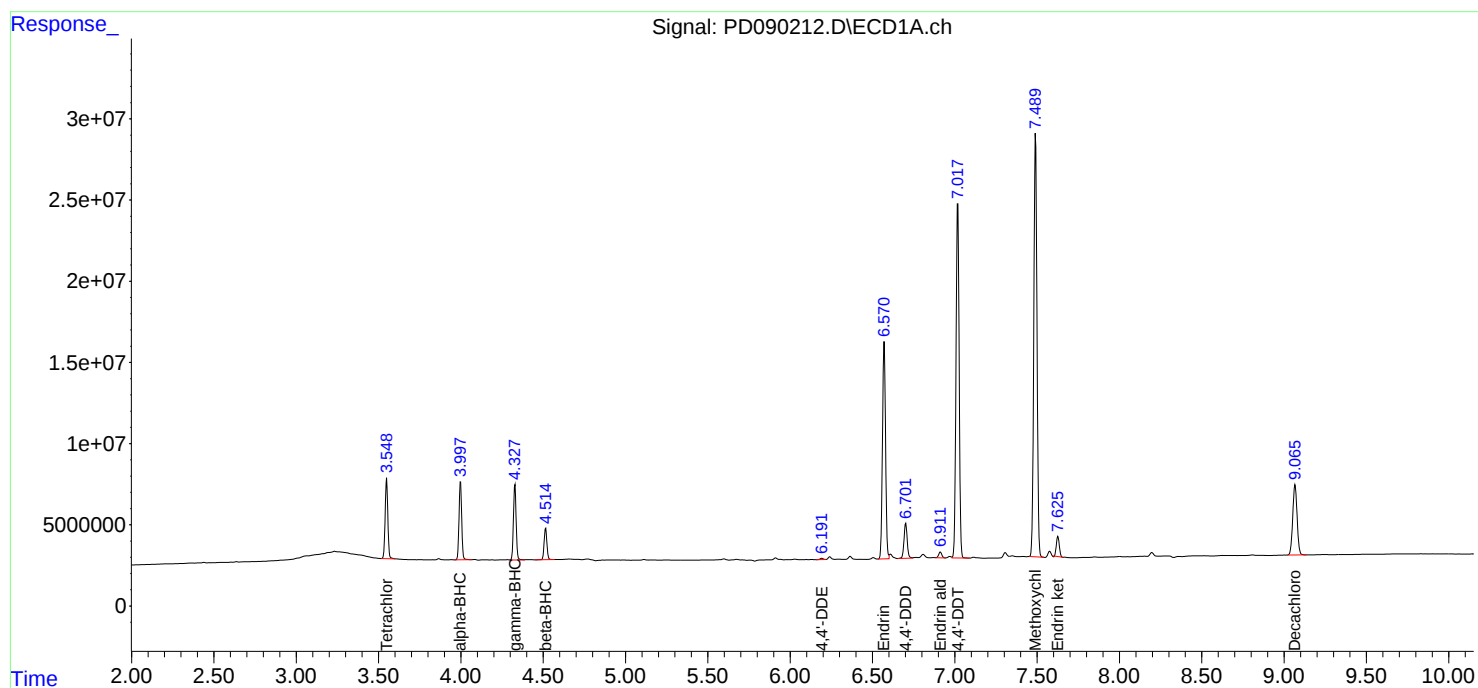
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090925\  
Data File : PD090212.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Sep 2025 10:51  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 09 11:26:30 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 13:16:54 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:** Zuccaro Inc.

**SDG No.:** Q3032

**Project:** 3 Coal Ave., Morristown, NJ

**Instrument ID:** ECD\_D

**GC Column:** ZB-MR1

**ID:** 0.32 (mm)

**Inst. Calib. Date(s):** 08/18/2025 08/18/2025

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             | 08/18/2025       | 10:44            | PD089961.D | 9.07        | 3.55        |
| PEM            | PEM              | 08/18/2025       | 10:57            | PD089962.D | 9.07        | 3.55        |
| RESCHK         | RESCHK           | 08/18/2025       | 11:11            | PD089963.D | 9.07        | 3.55        |
| PSTDICCC100    | PSTDICCC100      | 08/18/2025       | 11:25            | PD089964.D | 9.07        | 3.55        |
| PSTDICCC075    | PSTDICCC075      | 08/18/2025       | 11:39            | PD089965.D | 9.07        | 3.55        |
| PSTDICCC050    | PSTDICCC050      | 08/18/2025       | 11:53            | PD089966.D | 9.07        | 3.55        |
| PSTDICCC025    | PSTDICCC025      | 08/18/2025       | 12:06            | PD089967.D | 9.07        | 3.55        |
| PSTDICCC005    | PSTDICCC005      | 08/18/2025       | 12:20            | PD089968.D | 9.07        | 3.55        |
| PTOXICCC500    | PTOXICCC500      | 08/18/2025       | 15:31            | PD089976.D | 9.07        | 3.55        |
| PCHLORICCC500  | PCHLORICCC500    | 08/19/2025       | 11:24            | PD089988.D | 9.07        | 3.55        |
| IBLK           | IBLK             | 09/08/2025       | 09:42            | PD090182.D | 9.07        | 3.55        |
| PEM            | PEM              | 09/08/2025       | 09:56            | PD090183.D | 9.07        | 3.55        |
| PSTDCCCC050    | PSTDCCCC050      | 09/08/2025       | 10:26            | PD090184.D | 9.07        | 3.55        |
| SOIL-PILE-2    | Q3032-04         | 09/08/2025       | 15:11            | PD090191.D | 9.07        | 3.55        |
| PB169592BL     | PB169592BL       | 09/08/2025       | 15:25            | PD090192.D | 9.07        | 3.55        |
| IBLK           | IBLK             | 09/08/2025       | 15:52            | PD090194.D | 9.07        | 3.55        |
| PSTDCCCC050    | PSTDCCCC050      | 09/08/2025       | 16:26            | PD090195.D | 9.08        | 3.56        |
| IBLK           | IBLK             | 09/08/2025       | 18:43            | PD090202.D | 9.07        | 3.55        |
| PSTDCCCC050    | PSTDCCCC050      | 09/08/2025       | 18:59            | PD090203.D | 9.07        | 3.55        |
| SOIL-PILE-1    | Q3032-01         | 09/08/2025       | 19:47            | PD090205.D | 9.07        | 3.55        |
| SOIL-PILE-1MS  | Q3032-01MS       | 09/08/2025       | 20:00            | PD090206.D | 9.07        | 3.55        |
| SOIL-PILE-1MSD | Q3032-01MSD      | 09/08/2025       | 20:14            | PD090207.D | 9.07        | 3.55        |
| IBLK           | IBLK             | 09/08/2025       | 20:28            | PD090208.D | 9.07        | 3.55        |
| PSTDCCCC050    | PSTDCCCC050      | 09/08/2025       | 20:41            | PD090209.D | 9.07        | 3.55        |
| IBLK           | IBLK             | 09/09/2025       | 10:38            | PD090211.D | 9.07        | 3.55        |
| PEM            | PEM              | 09/09/2025       | 10:51            | PD090212.D | 9.07        | 3.55        |
| PSTDCCCC050    | PSTDCCCC050      | 09/09/2025       | 11:05            | PD090213.D | 9.07        | 3.55        |
| PB169592BS     | PB169592BS       | 09/09/2025       | 14:52            | PD090215.D | 9.08        | 3.56        |
| IBLK           | IBLK             | 09/09/2025       | 16:21            | PD090216.D | 9.08        | 3.56        |
| PSTDCCCC050    | PSTDCCCC050      | 09/09/2025       | 17:11            | PD090217.D | 9.07        | 3.55        |

## Analytical Sequence

**Client:** Zuccaro Inc.

**SDG No.:** Q3032

**Project:** 3 Coal Ave., Morristown, NJ

**Instrument ID:** ECD\_D

**GC Column:** ZB-MR2

**ID:** 0.32 (mm)

**Inst. Calib. Date(s):** 08/18/2025 08/18/2025

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             | 08/18/2025       | 10:44            | PD089961.D | 8.06        | 2.88        |
| PEM            | PEM              | 08/18/2025       | 10:57            | PD089962.D | 8.07        | 2.88        |
| RESCHK         | RESCHK           | 08/18/2025       | 11:11            | PD089963.D | 8.07        | 2.88        |
| PSTDICC100     | PSTDICC100       | 08/18/2025       | 11:25            | PD089964.D | 8.07        | 2.88        |
| PSTDICC075     | PSTDICC075       | 08/18/2025       | 11:39            | PD089965.D | 8.07        | 2.88        |
| PSTDICC050     | PSTDICC050       | 08/18/2025       | 11:53            | PD089966.D | 8.07        | 2.88        |
| PSTDICC025     | PSTDICC025       | 08/18/2025       | 12:06            | PD089967.D | 8.06        | 2.88        |
| PSTDICC005     | PSTDICC005       | 08/18/2025       | 12:20            | PD089968.D | 8.07        | 2.88        |
| PTOXICC500     | PTOXICC500       | 08/18/2025       | 15:31            | PD089976.D | 8.07        | 2.88        |
| PCHLORICC500   | PCHLORICC500     | 08/19/2025       | 11:24            | PD089988.D | 8.06        | 2.88        |
| IBLK           | IBLK             | 09/08/2025       | 09:42            | PD090182.D | 8.06        | 2.88        |
| PEM            | PEM              | 09/08/2025       | 09:56            | PD090183.D | 8.06        | 2.88        |
| PSTDCCC050     | PSTDCCC050       | 09/08/2025       | 10:26            | PD090184.D | 8.06        | 2.88        |
| SOIL-PILE-2    | Q3032-04         | 09/08/2025       | 15:11            | PD090191.D | 8.06        | 2.88        |
| PB169592BL     | PB169592BL       | 09/08/2025       | 15:25            | PD090192.D | 8.07        | 2.88        |
| IBLK           | IBLK             | 09/08/2025       | 15:52            | PD090194.D | 8.06        | 2.88        |
| PSTDCCC050     | PSTDCCC050       | 09/08/2025       | 16:26            | PD090195.D | 8.07        | 2.88        |
| IBLK           | IBLK             | 09/08/2025       | 18:43            | PD090202.D | 8.06        | 2.88        |
| PSTDCCC050     | PSTDCCC050       | 09/08/2025       | 18:59            | PD090203.D | 8.06        | 2.88        |
| SOIL-PILE-1    | Q3032-01         | 09/08/2025       | 19:47            | PD090205.D | 8.06        | 2.88        |
| SOIL-PILE-1MS  | Q3032-01MS       | 09/08/2025       | 20:00            | PD090206.D | 8.06        | 2.88        |
| SOIL-PILE-1MSD | Q3032-01MSD      | 09/08/2025       | 20:14            | PD090207.D | 8.06        | 2.88        |
| IBLK           | IBLK             | 09/08/2025       | 20:28            | PD090208.D | 8.06        | 2.88        |
| PSTDCCC050     | PSTDCCC050       | 09/08/2025       | 20:41            | PD090209.D | 8.06        | 2.88        |
| IBLK           | IBLK             | 09/09/2025       | 10:38            | PD090211.D | 8.06        | 2.88        |
| PEM            | PEM              | 09/09/2025       | 10:51            | PD090212.D | 8.06        | 2.88        |
| PSTDCCC050     | PSTDCCC050       | 09/09/2025       | 11:05            | PD090213.D | 8.06        | 2.88        |
| PB169592BS     | PB169592BS       | 09/09/2025       | 14:52            | PD090215.D | 8.07        | 2.88        |
| IBLK           | IBLK             | 09/09/2025       | 16:21            | PD090216.D | 8.07        | 2.88        |
| PSTDCCC050     | PSTDCCC050       | 09/09/2025       | 17:11            | PD090217.D | 8.06        | 2.88        |

### COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB169592BS

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Lab Sample ID: PB169592BS

Date(s) Analyzed: 09/09/2025 09/09/2025

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 | 18.1          | 2.7  |
|                    | 2   | 5.92 | 5.87      | 5.97 | 18.6          |      |
| 4,4'-DDE           | 1   | 6.20 | 6.15      | 6.25 | 17.3          | 0    |
|                    | 2   | 5.37 | 5.32      | 5.42 | 17.3          |      |
| 4,4'-DDT           | 1   | 7.03 | 6.98      | 7.08 | 12.5          | 13.4 |
|                    | 2   | 6.18 | 6.13      | 6.23 | 14.3          |      |
| alpha-BHC          | 1   | 4.01 | 3.96      | 4.06 | 16.8          | 0.6  |
|                    | 2   | 3.39 | 3.34      | 3.44 | 16.9          |      |
| Aldrin             | 1   | 5.28 | 5.23      | 5.33 | 17.2          | 0.6  |
|                    | 2   | 4.36 | 4.31      | 4.41 | 17.1          |      |
| alpha-Chlordane    | 1   | 6.03 | 5.98      | 6.08 | 17.0          | 0.6  |
|                    | 2   | 5.18 | 5.13      | 5.23 | 17.1          |      |
| Endosulfan II      | 1   | 6.79 | 6.74      | 6.84 | 16.8          | 2.9  |
|                    | 2   | 6.08 | 6.03      | 6.13 | 17.3          |      |
| Endosulfan sulfate | 1   | 7.16 | 7.11      | 7.21 | 16.3          | 2.4  |
|                    | 2   | 6.48 | 6.43      | 6.53 | 16.7          |      |
| beta-BHC           | 1   | 4.52 | 4.47      | 4.57 | 16.3          | 3    |
|                    | 2   | 4.02 | 3.97      | 4.07 | 16.8          |      |
| delta-BHC          | 1   | 4.77 | 4.72      | 4.82 | 15.4          | 6.7  |
|                    | 2   | 4.26 | 4.21      | 4.31 | 14.4          |      |
| Endosulfan I       | 1   | 6.08 | 6.03      | 6.13 | 17.0          | 0.6  |
|                    | 2   | 5.24 | 5.19      | 5.29 | 17.1          |      |
| Dieldrin           | 1   | 6.35 | 6.30      | 6.40 | 17.2          | 0.6  |
|                    | 2   | 5.51 | 5.46      | 5.56 | 17.3          |      |
| Endrin aldehyde    | 1   | 6.92 | 6.87      | 6.97 | 18.7          | 3.7  |
|                    | 2   | 6.25 | 6.20      | 6.30 | 19.4          |      |
| Methoxychlor       | 1   | 7.50 | 7.45      | 7.55 | 12.6          | 6.9  |
|                    | 2   | 6.75 | 6.70      | 6.80 | 13.5          |      |

**COMPOUND DETECTION SUMMARY**

**CLIENT SAMPLE NO.**

**PB169592BS**

**Lab Name:** Alliance

**Contract:** ZUCC01

**Lab Code:** ACE

**SDG NO.:** Q3032

**Lab Sample ID:** PB169592BS

**Date(s) Analyzed:** 09/09/2025 09/09/2025

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

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

**GC Column: (1):** ZB-MR1

**ID:** 0.32 (mm)

**GC Column:(2):** ZB-MR2

**ID:** 0.32 (mm)

| ANALYTE             | COL | RT   | RT WINDOW |      | CONCENTRATION | %RPD |
|---------------------|-----|------|-----------|------|---------------|------|
|                     |     |      | FROM      | TO   |               |      |
| Endrin ketone       | 1   | 7.64 | 7.59      | 7.69 | 18.2          | 3.8  |
|                     | 2   | 6.99 | 6.94      | 7.04 | 18.9          |      |
| gamma-BHC (Lindane) | 1   | 4.34 | 4.29      | 4.39 | 16.6          | 1.8  |
|                     | 2   | 3.73 | 3.68      | 3.78 | 16.9          |      |
| Heptachlor          | 1   | 4.94 | 4.89      | 4.99 | 15.9          | 0.6  |
|                     | 2   | 4.08 | 4.03      | 4.13 | 15.8          |      |
| Heptachlor epoxide  | 1   | 5.70 | 5.65      | 5.75 | 16.9          | 0.6  |
|                     | 2   | 4.87 | 4.82      | 4.92 | 17.0          |      |
| gamma-Chlordane     | 1   | 5.95 | 5.90      | 6.00 | 17.1          | 1.2  |
|                     | 2   | 5.12 | 5.07      | 5.17 | 17.3          |      |
| Endrin              | 1   | 6.58 | 6.53      | 6.63 | 13.5          | 4.3  |
|                     | 2   | 5.78 | 5.73      | 5.83 | 14.1          |      |

### COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

SOIL-PILE-1

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Lab Sample ID: Q3032-01

Date(s) Analyzed: 09/08/2025 09/08/2025

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   |               |      |
| gamma-Chlordane | 1   | 5.94 | 5.89      | 5.99 | 0.29          | 5.4  |
|                 | 2   | 5.12 | 5.07      | 5.17 | 0.31          |      |
| alpha-Chlordane | 1   | 6.03 | 5.98      | 6.08 | 0.57          | 75.7 |
|                 | 2   | 5.18 | 5.13      | 5.23 | 0.26          |      |
| Dieldrin        | 1   | 6.34 | 6.29      | 6.39 | 0.18          | 84.3 |
|                 | 2   | 5.50 | 5.45      | 5.55 | 0.45          |      |

**COMPOUND DETECTION SUMMARY**

CLIENT SAMPLE NO.

SOIL-PILE-1MS

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Lab Sample ID: Q3032-01MS

Date(s) Analyzed: 09/08/2025 09/08/2025

Instrument ID (1): ECD\_D

Instrument ID (2): ECD\_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

| ANALYTE             | COL | RT   | RT WINDOW |      | CONCENTRATION | %RPD |
|---------------------|-----|------|-----------|------|---------------|------|
|                     |     |      | FROM      | TO   |               |      |
| Endosulfan II       | 1   | 6.78 | 6.73      | 6.83 | 17.7          | 3.3  |
|                     | 2   | 6.07 | 6.02      | 6.12 | 18.3          |      |
| 4,4'-DDD            | 1   | 6.70 | 6.65      | 6.75 | 19.1          | 7    |
|                     | 2   | 5.92 | 5.87      | 5.97 | 17.8          |      |
| 4,4'-DDT            | 1   | 7.02 | 6.97      | 7.07 | 16.2          | 2.4  |
|                     | 2   | 6.18 | 6.13      | 6.23 | 16.6          |      |
| Endrin aldehyde     | 1   | 6.91 | 6.86      | 6.96 | 18.8          | 0    |
|                     | 2   | 6.25 | 6.20      | 6.30 | 18.8          |      |
| Endosulfan sulfate  | 1   | 7.15 | 7.10      | 7.20 | 17.3          | 0.6  |
|                     | 2   | 6.48 | 6.43      | 6.53 | 17.2          |      |
| Methoxychlor        | 1   | 7.49 | 7.44      | 7.54 | 14.6          | 6    |
|                     | 2   | 6.75 | 6.70      | 6.80 | 15.5          |      |
| Endrin ketone       | 1   | 7.63 | 7.58      | 7.68 | 17.4          | 6.5  |
|                     | 2   | 6.98 | 6.93      | 7.03 | 16.3          |      |
| alpha-BHC           | 1   | 4.00 | 3.95      | 4.05 | 19.3          | 0    |
|                     | 2   | 3.39 | 3.34      | 3.44 | 19.3          |      |
| gamma-BHC (Lindane) | 1   | 4.33 | 4.28      | 4.38 | 19.6          | 2.1  |
|                     | 2   | 3.73 | 3.68      | 3.78 | 19.2          |      |
| Heptachlor          | 1   | 4.93 | 4.88      | 4.98 | 18.0          | 2.7  |
|                     | 2   | 4.08 | 4.03      | 4.13 | 18.5          |      |
| Aldrin              | 1   | 5.27 | 5.22      | 5.32 | 19.1          | 0.5  |
|                     | 2   | 4.36 | 4.31      | 4.41 | 19.0          |      |
| beta-BHC            | 1   | 4.52 | 4.47      | 4.57 | 18.0          | 31.4 |
|                     | 2   | 4.02 | 3.97      | 4.07 | 24.7          |      |
| delta-BHC           | 1   | 4.76 | 4.71      | 4.81 | 20.3          | 7.1  |
|                     | 2   | 4.26 | 4.21      | 4.31 | 18.9          |      |
| Heptachlor epoxide  | 1   | 5.69 | 5.64      | 5.74 | 18.7          | 1.1  |
|                     | 2   | 4.87 | 4.82      | 4.92 | 18.9          |      |

**COMPOUND DETECTION SUMMARY**

CLIENT SAMPLE NO.

SOIL-PILE-1MS

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Lab Sample ID: Q3032-01MS

Date(s) Analyzed: 09/08/2025 09/08/2025

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 | 18.8          | 6.6  |
|                 | 2   | 5.24 | 5.19      | 5.29 | 17.6          |      |
| gamma-Chlordane | 1   | 5.94 | 5.89      | 5.99 | 18.7          | 4.2  |
|                 | 2   | 5.12 | 5.07      | 5.17 | 19.5          |      |
| alpha-Chlordane | 1   | 6.02 | 5.97      | 6.07 | 19.0          | 1    |
|                 | 2   | 5.18 | 5.13      | 5.23 | 19.2          |      |
| 4,4'-DDE        | 1   | 6.19 | 6.14      | 6.24 | 17.9          | 4.4  |
|                 | 2   | 5.37 | 5.32      | 5.42 | 18.7          |      |
| Dieldrin        | 1   | 6.34 | 6.29      | 6.39 | 18.6          | 3.7  |
|                 | 2   | 5.51 | 5.46      | 5.56 | 19.3          |      |
| Endrin          | 1   | 6.57 | 6.52      | 6.62 | 18.1          | 1.6  |
|                 | 2   | 5.78 | 5.73      | 5.83 | 18.4          |      |

**COMPOUND DETECTION SUMMARY**

CLIENT SAMPLE NO.

SOIL-PILE-1MSD

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Lab Sample ID: Q3032-01MSD

Date(s) Analyzed: 09/08/2025

09/08/2025

Instrument ID (1): ECD\_D

Instrument ID (2): ECD\_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column: (2): ZB-MR2

ID: 0.32 (mm)

| ANALYTE             | COL | RT   | RT WINDOW |      | CONCENTRATION | %RPD |
|---------------------|-----|------|-----------|------|---------------|------|
|                     |     |      | FROM      | TO   |               |      |
| Endosulfan II       | 1   | 6.78 | 6.73      | 6.83 | 17.6          | 2.8  |
|                     | 2   | 6.07 | 6.02      | 6.12 | 18.1          |      |
| 4,4'-DDD            | 1   | 6.70 | 6.65      | 6.75 | 19.0          | 7.1  |
|                     | 2   | 5.92 | 5.87      | 5.97 | 17.7          |      |
| 4,4'-DDT            | 1   | 7.02 | 6.97      | 7.07 | 16.4          | 0.6  |
|                     | 2   | 6.18 | 6.13      | 6.23 | 16.5          |      |
| Endrin aldehyde     | 1   | 6.91 | 6.86      | 6.96 | 18.7          | 1.1  |
|                     | 2   | 6.25 | 6.20      | 6.30 | 18.5          |      |
| Endosulfan sulfate  | 1   | 7.15 | 7.10      | 7.20 | 17.1          | 0.6  |
|                     | 2   | 6.48 | 6.43      | 6.53 | 17.0          |      |
| Methoxychlor        | 1   | 7.49 | 7.44      | 7.54 | 14.5          | 5.4  |
|                     | 2   | 6.74 | 6.69      | 6.79 | 15.3          |      |
| Endrin ketone       | 1   | 7.63 | 7.58      | 7.68 | 17.3          | 7.8  |
|                     | 2   | 6.98 | 6.93      | 7.03 | 16.0          |      |
| alpha-BHC           | 1   | 4.00 | 3.95      | 4.05 | 19.3          | 0    |
|                     | 2   | 3.39 | 3.34      | 3.44 | 19.3          |      |
| gamma-BHC (Lindane) | 1   | 4.33 | 4.28      | 4.38 | 19.6          | 2.1  |
|                     | 2   | 3.73 | 3.68      | 3.78 | 19.2          |      |
| Heptachlor          | 1   | 4.93 | 4.88      | 4.98 | 18.1          | 2.2  |
|                     | 2   | 4.08 | 4.03      | 4.13 | 18.5          |      |
| Aldrin              | 1   | 5.27 | 5.22      | 5.32 | 18.9          | 0.5  |
|                     | 2   | 4.36 | 4.31      | 4.41 | 19.0          |      |
| beta-BHC            | 1   | 4.51 | 4.46      | 4.56 | 18.0          | 31.4 |
|                     | 2   | 4.02 | 3.97      | 4.07 | 24.7          |      |
| delta-BHC           | 1   | 4.76 | 4.71      | 4.81 | 20.6          | 9.1  |
|                     | 2   | 4.26 | 4.21      | 4.31 | 18.8          |      |
| Heptachlor epoxide  | 1   | 5.69 | 5.64      | 5.74 | 18.7          | 1.6  |
|                     | 2   | 4.87 | 4.82      | 4.92 | 19.0          |      |

**COMPOUND DETECTION SUMMARY**

CLIENT SAMPLE NO.

SOIL-PILE-1MSD

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Lab Sample ID: Q3032-01MSD

Date(s) Analyzed: 09/08/2025 09/08/2025

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 | 18.7          | 6.6  |
|                 | 2   | 5.24 | 5.19      | 5.29 | 17.5          |      |
| gamma-Chlordane | 1   | 5.94 | 5.89      | 5.99 | 18.4          | 6.3  |
|                 | 2   | 5.12 | 5.07      | 5.17 | 19.6          |      |
| alpha-Chlordane | 1   | 6.02 | 5.97      | 6.07 | 18.8          | 1.6  |
|                 | 2   | 5.18 | 5.13      | 5.23 | 19.1          |      |
| 4,4'-DDE        | 1   | 6.19 | 6.14      | 6.24 | 17.9          | 3.8  |
|                 | 2   | 5.37 | 5.32      | 5.42 | 18.6          |      |
| Dieldrin        | 1   | 6.34 | 6.29      | 6.39 | 18.6          | 3.2  |
|                 | 2   | 5.51 | 5.46      | 5.56 | 19.2          |      |
| Endrin          | 1   | 6.57 | 6.52      | 6.62 | 18.0          | 1.1  |
|                 | 2   | 5.78 | 5.73      | 5.83 | 18.2          |      |

**COMPOUND DETECTION SUMMARY**

CLIENT SAMPLE NO.

SOIL-PILE-2

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Lab Sample ID: Q3032-04

Date(s) Analyzed: 09/08/2025 09/08/2025

Instrument ID (1): ECD\_D

Instrument ID (2): ECD\_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

| ANALYTE         | COL | RT   | RT WINDOW |      | CONCENTRATION | %RPD  |
|-----------------|-----|------|-----------|------|---------------|-------|
|                 |     |      | FROM      | TO   |               |       |
| 4,4'-DDD        | 1   | 6.70 | 6.65      | 6.75 | 1.70          | 0     |
|                 | 2   | 5.92 | 5.87      | 5.97 | 1.70          |       |
| 4,4'-DDT        | 1   | 7.02 | 6.97      | 7.07 | 6.90          | 1.5   |
|                 | 2   | 6.18 | 6.13      | 6.23 | 6.80          |       |
| alpha-Chlordane | 1   | 6.03 | 5.98      | 6.08 | 1.10          | 49    |
|                 | 2   | 5.18 | 5.13      | 5.23 | 0.67          |       |
| 4,4'-DDE        | 1   | 6.19 | 6.14      | 6.24 | 1.30          | 26.7  |
|                 | 2   | 5.37 | 5.32      | 5.42 | 1.70          |       |
| gamma-Chlordane | 1   | 5.94 | 5.89      | 5.99 | 0.55          | 44.3  |
|                 | 2   | 5.12 | 5.07      | 5.17 | 0.35          |       |
| Endrin          | 1   | 6.57 | 6.52      | 6.62 | 0.20          | 138.5 |
|                 | 2   | 5.79 | 5.74      | 5.84 | 1.10          |       |



# QC SAMPLE DATA

## Report of Analysis

|                    |                             |                    |                    |
|--------------------|-----------------------------|--------------------|--------------------|
| Client:            | Zuccaro Inc.                | Date Collected:    |                    |
| Project:           | 3 Coal Ave., Morristown, NJ | Date Received:     |                    |
| Client Sample ID:  | PB169592BL                  | SDG No.:           | Q3032              |
| Lab Sample ID:     | PB169592BL                  | 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 |
| PD090192.D        | 1         | 09/08/25 09:00 | 09/08/25 15:25 | PB169592      |

| 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   | 15.7  |           | 30 (20) - 150 (144) | 78%        | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 18.4  |           | 30 (19) - 150 (148) | 92%        | SPK: 20           |

## Report of Analysis

|                    |                             |                    |                    |
|--------------------|-----------------------------|--------------------|--------------------|
| Client:            | Zuccaro Inc.                | Date Collected:    |                    |
| Project:           | 3 Coal Ave., Morristown, NJ | Date Received:     |                    |
| Client Sample ID:  | PB169592BL                  | SDG No.:           | Q3032              |
| Lab Sample ID:     | PB169592BL                  | 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 |
| PD090192.D        | 1         | 09/08/25 09:00 | 09/08/25 15:25 | PB169592      |

| 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\PD090825\  
 Data File : PD090192.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Sep 2025 15:25  
 Operator : AR\AJ  
 Sample : PB169592BL  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PB169592BL

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 09 01:42:18 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 19 13:16:54 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 | 2.878 | 49856976 | 406.7E6 | 16.988 | 18.442 |
| 28)                         | SA Decachlor... | 9.068 | 8.065 | 67659351 | 315.1E6 | 15.677 | 12.171 |

Target Compounds

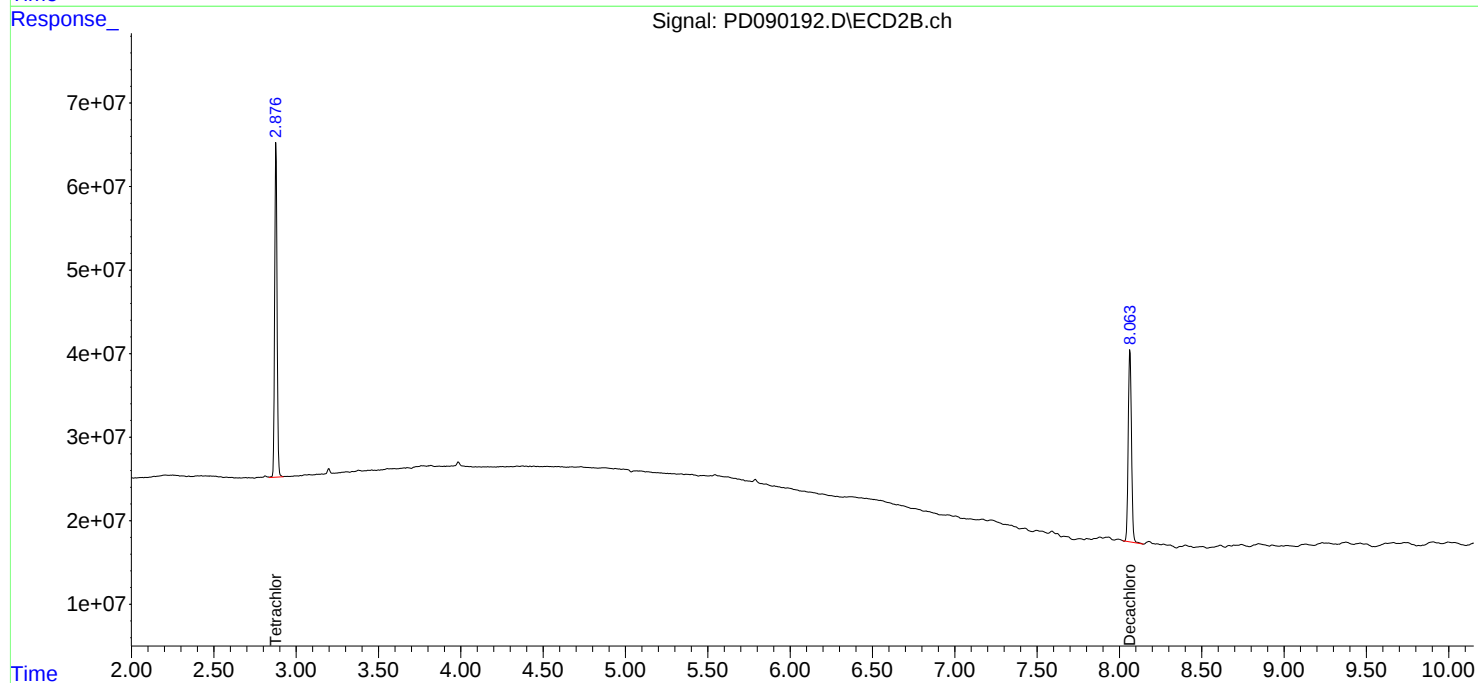
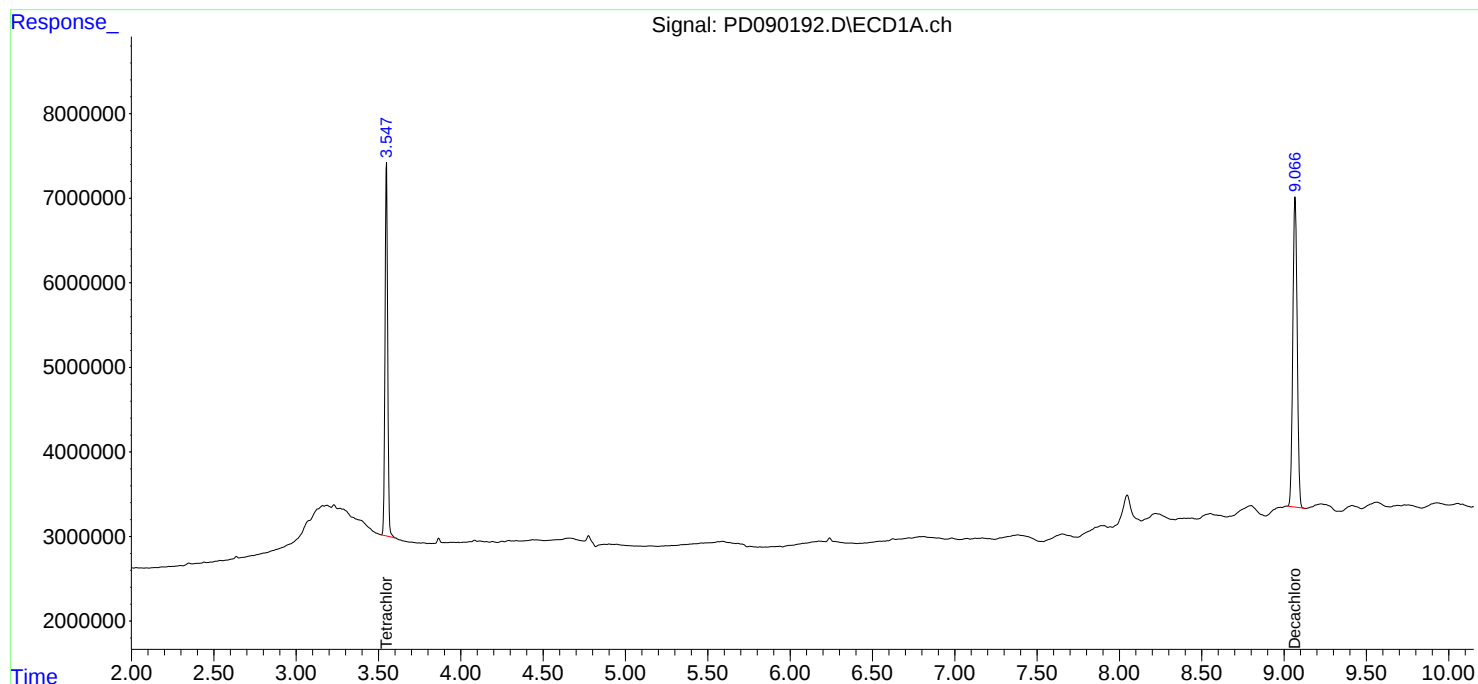
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

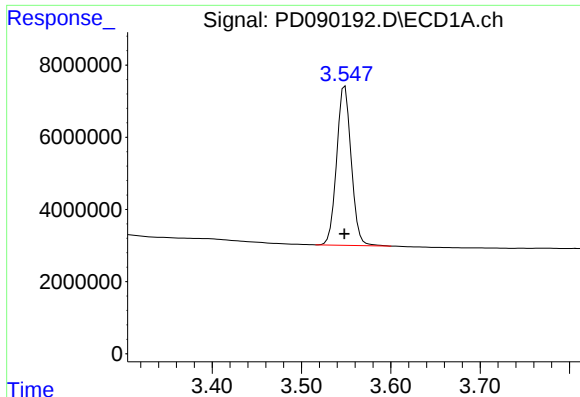
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090825\  
Data File : PD090192.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Sep 2025 15:25  
Operator : AR\AJ  
Sample : PB169592BL  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PB169592BL

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 09 01:42:18 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 13:16:54 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

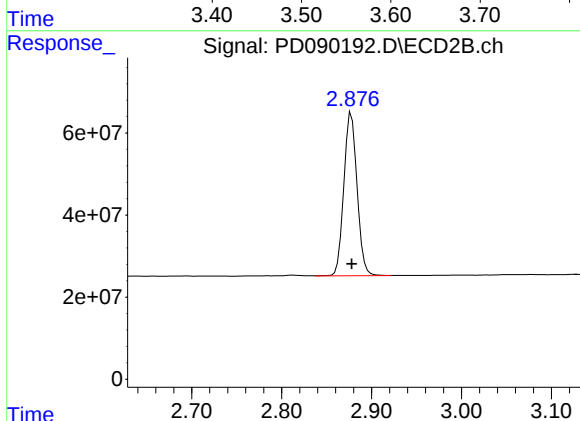




## #1 Tetrachloro-m-xylene

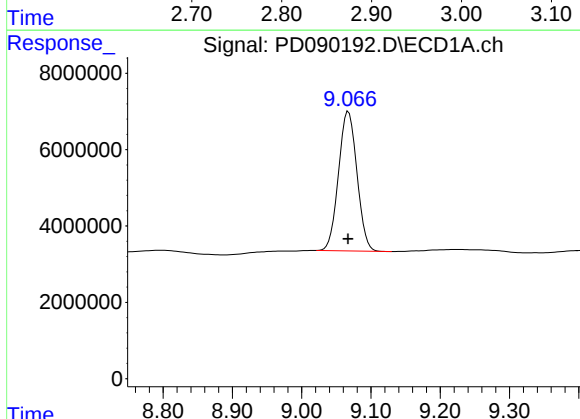
R.T.: 3.549 min  
Delta R.T.: 0.000 min  
Response: 49856976  
Conc: 16.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB169592BL



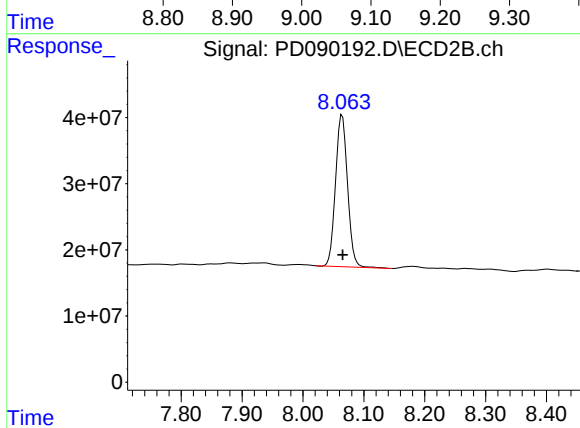
## #1 Tetrachloro-m-xylene

R.T.: 2.878 min  
Delta R.T.: 0.000 min  
Response: 406665514  
Conc: 18.44 ng/ml



## #28 Decachlorobiphenyl

R.T.: 9.068 min  
Delta R.T.: 0.000 min  
Response: 67659351  
Conc: 15.68 ng/ml



## #28 Decachlorobiphenyl

R.T.: 8.065 min  
Delta R.T.: 0.000 min  
Response: 315056837  
Conc: 12.17 ng/ml

## Report of Analysis

|                    |                             |                    |                  |
|--------------------|-----------------------------|--------------------|------------------|
| Client:            | Zuccaro Inc.                | Date Collected:    | 08/18/25         |
| Project:           | 3 Coal Ave., Morristown, NJ | Date Received:     | 08/18/25         |
| Client Sample ID:  | PIBLK-PD089961.D            | SDG No.:           | Q3032            |
| Lab Sample ID:     | I.BLK-PD089961.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 |
| PD089961.D        | 1         |           | 08/18/25      | pd081825      |

| 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   | 19.3   |           | 30 (57) - 150 (171) | 96%        | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 17.5   |           | 30 (61) - 150 (148) | 88%        | SPK: 20 |

## Report of Analysis

|                    |                             |                    |               |
|--------------------|-----------------------------|--------------------|---------------|
| Client:            | Zuccaro Inc.                | Date Collected:    | 08/18/25      |
| Project:           | 3 Coal Ave., Morristown, NJ | Date Received:     | 08/18/25      |
| Client Sample ID:  | PIBLK-PD089961.D            | SDG No.:           | Q3032         |
| Lab Sample ID:     | I.BLK-PD089961.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                         | Injection Volume : |               |
| Prep Method :      | 3510C                       |                    |               |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PD089961.D        | 1         |           | 08/18/25      | pd081825      |

| 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\PD081825\  
 Data File : PD089961.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Aug 2025 10:44  
 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 08/19/2025  
 Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 19 05:50:15 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 19 05:46:23 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... | 3.547 | 2.876 | 51222346 | 386.0E6 | 17.453 | 17.507m |
| 28)                         | SA Decachlor... | 9.068 | 8.064 | 83150013 | 472.4E6 | 19.266 | 18.248m |

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081825\  
Data File : PD089961.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Aug 2025 10:44  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

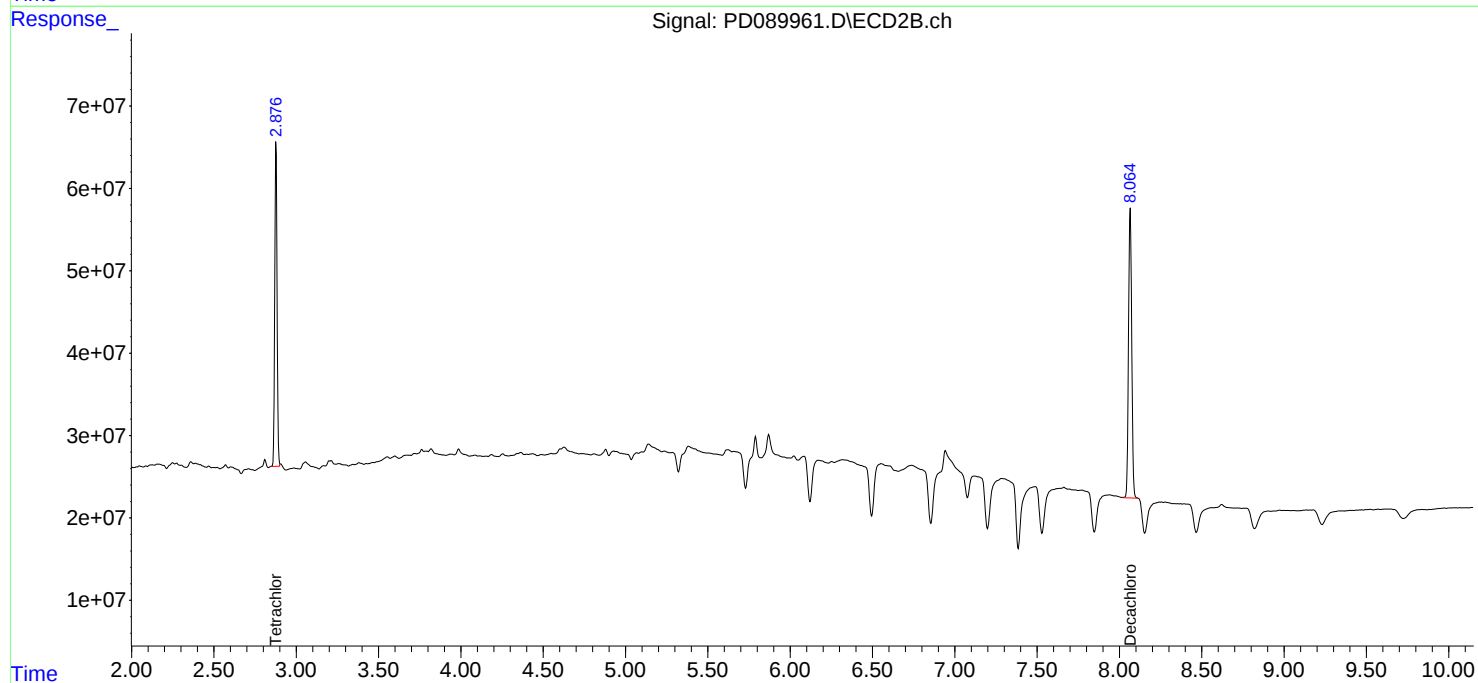
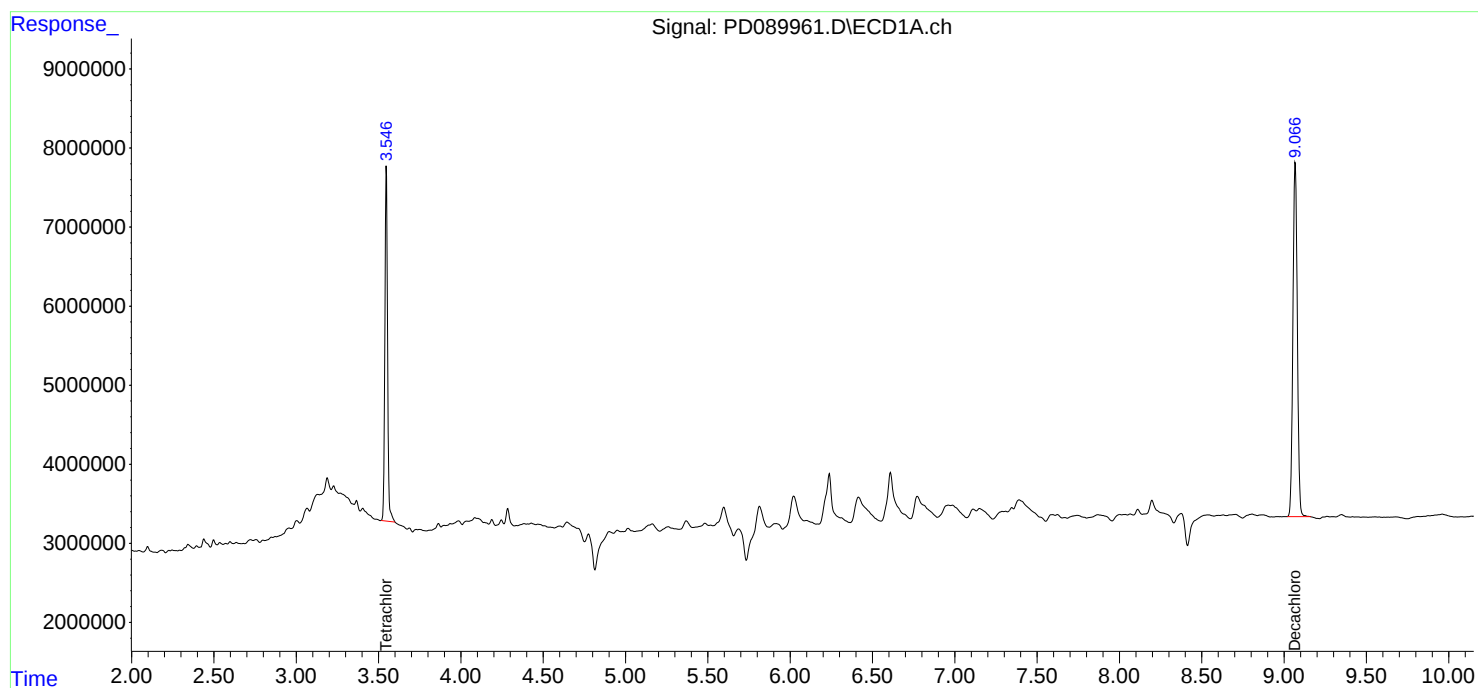
Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK

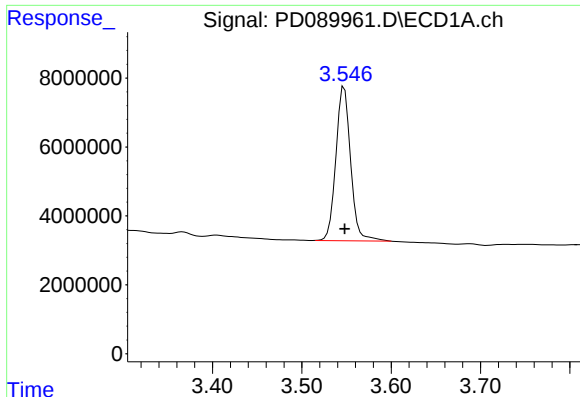
Manual Integrations  
APPROVED

Reviewed By : Abdul Mirza 08/19/2025  
Supervised By : mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 19 05:50:15 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 05:46:23 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





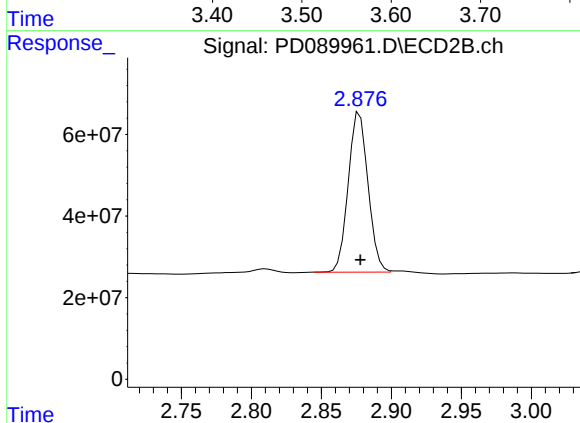
## #1 Tetrachloro-m-xylene

R.T.: 3.547 min  
Delta R.T.: 0.000 min  
Response: 51222346  
Conc: 17.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK

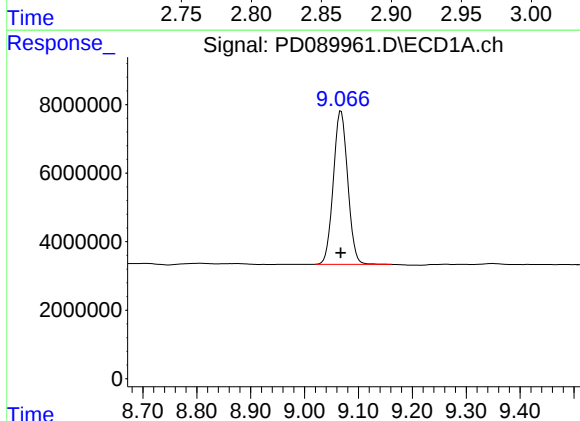
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 08/19/2025  
Supervised By :mohammad ahmed 08/20/2025



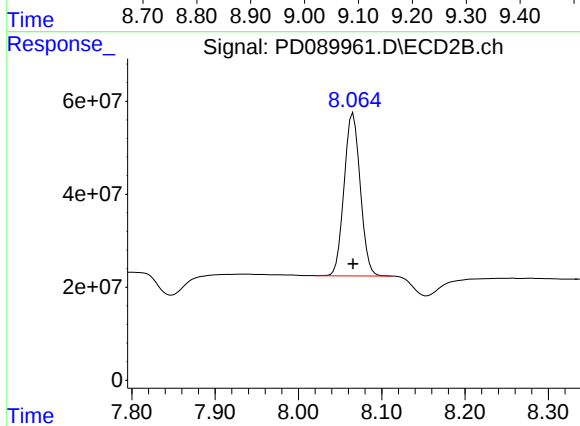
## #1 Tetrachloro-m-xylene

R.T.: 2.876 min  
Delta R.T.: -0.002 min  
Response: 386030098  
Conc: 17.51 ng/ml m



## #28 Decachlorobiphenyl

R.T.: 9.068 min  
Delta R.T.: 0.000 min  
Response: 83150013  
Conc: 19.27 ng/ml



## #28 Decachlorobiphenyl

R.T.: 8.064 min  
Delta R.T.: -0.001 min  
Response: 472376959  
Conc: 18.25 ng/ml m

## Report of Analysis

|                    |                             |                    |               |
|--------------------|-----------------------------|--------------------|---------------|
| Client:            | Zuccaro Inc.                | Date Collected:    | 09/08/25      |
| Project:           | 3 Coal Ave., Morristown, NJ | Date Received:     | 09/08/25      |
| Client Sample ID:  | PIBLK-PD090182.D            | SDG No.:           | Q3032         |
| Lab Sample ID:     | I.BLK-PD090182.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                       | Decanted:          |               |
|                    |                             | Final Vol:         | 10000         |
|                    |                             | Injection Volume : |               |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PD090182.D        | 1         |           | 09/08/25      | pd090825      |

| 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   |           | 30 (57) - 150 (171) | 89%        | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 20.7   |           | 30 (61) - 150 (148) | 104%       | SPK: 20 |

## Report of Analysis

|                    |                             |                    |               |
|--------------------|-----------------------------|--------------------|---------------|
| Client:            | Zuccaro Inc.                | Date Collected:    | 09/08/25      |
| Project:           | 3 Coal Ave., Morristown, NJ | Date Received:     | 09/08/25      |
| Client Sample ID:  | PIBLK-PD090182.D            | SDG No.:           | Q3032         |
| Lab Sample ID:     | I.BLK-PD090182.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 |
| PD090182.D        | 1         |           | 09/08/25      | pd090825      |

| 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\PD090825\  
 Data File : PD090182.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Sep 2025 09:42  
 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: Sep 09 01:40:39 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 19 13:16:54 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 | 2.877 | 54615291 | 456.7E6 | 18.609 | 20.714 |
| 28)                         | SA Decachlor... | 9.068 | 8.063 | 77154730 | 415.1E6 | 17.877 | 16.035 |

Target Compounds

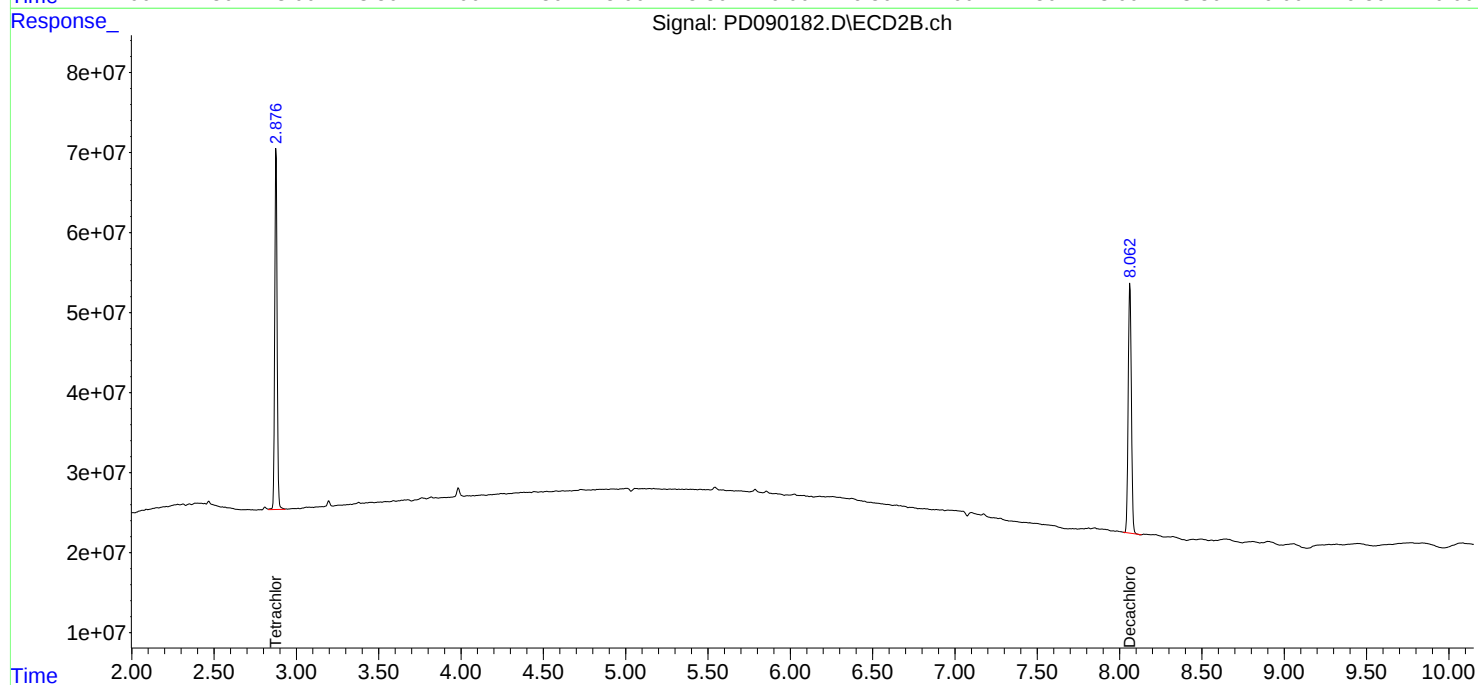
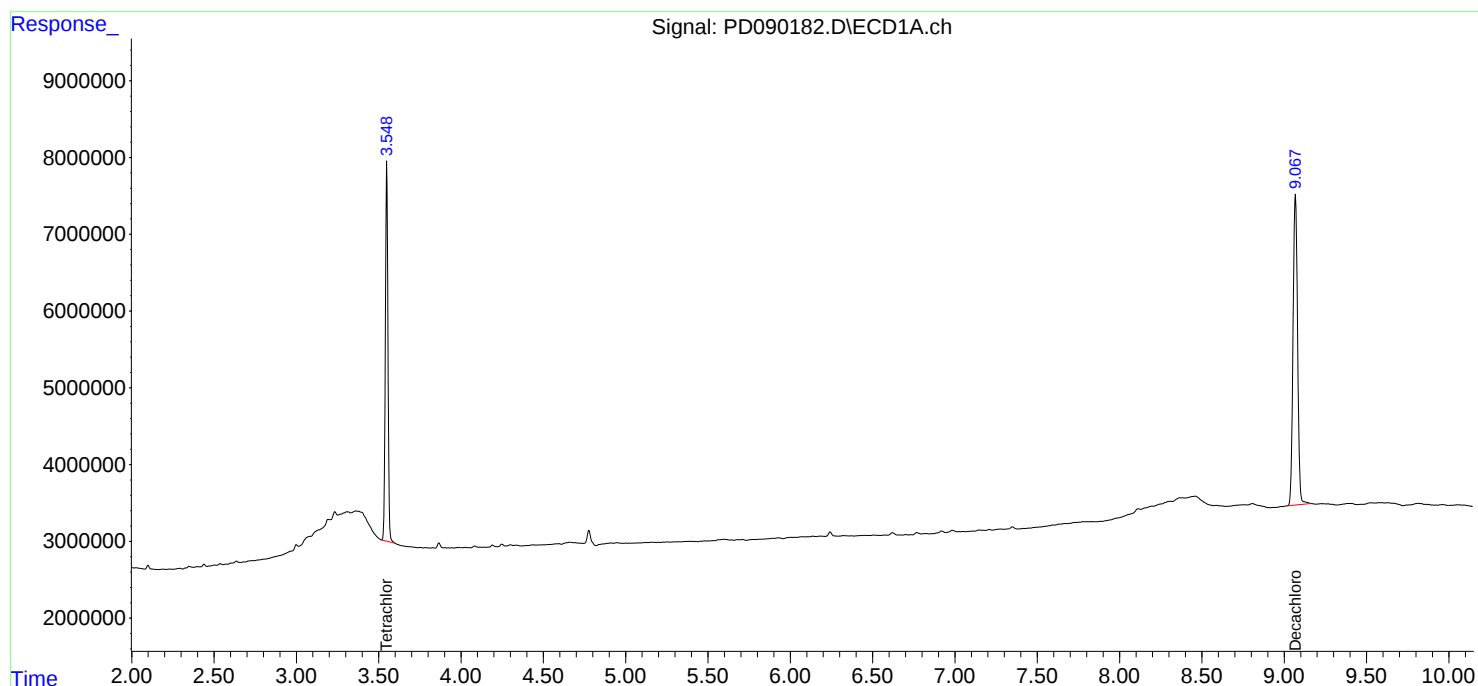
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

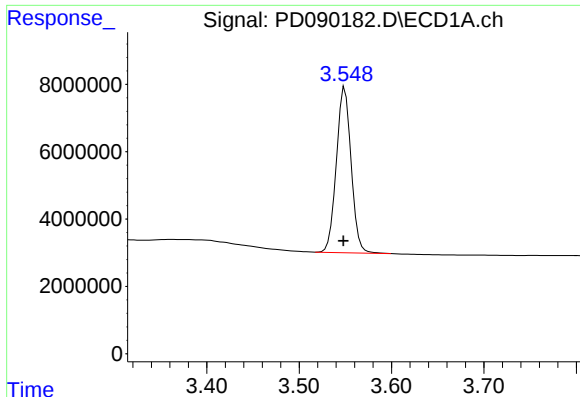
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090825\  
Data File : PD090182.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Sep 2025 09:42  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 09 01:40:39 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 13:16:54 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

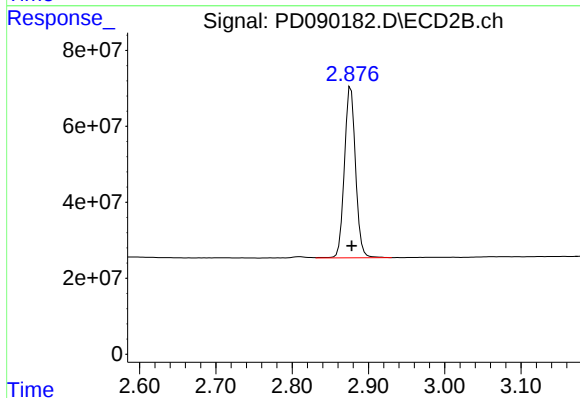




## #1 Tetrachloro-m-xylene

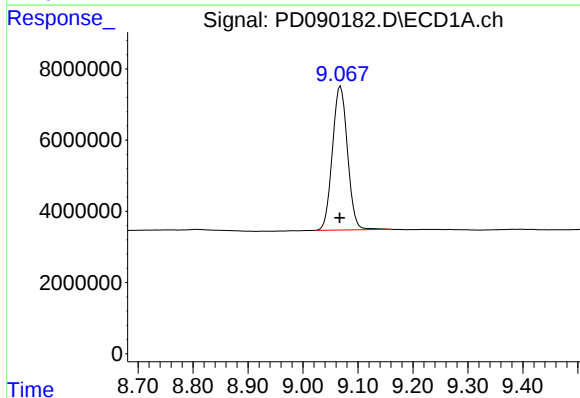
R.T.: 3.550 min  
Delta R.T.: 0.002 min  
Response: 54615291  
Conc: 18.61 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



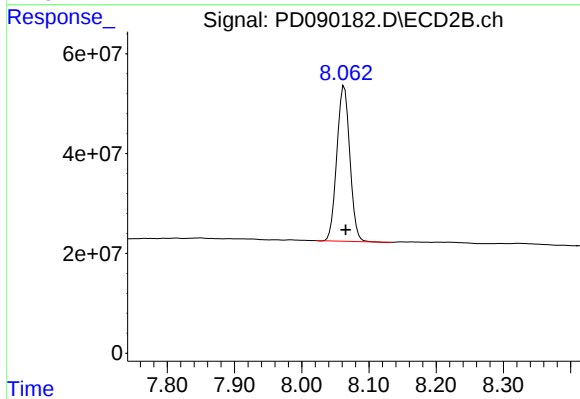
## #1 Tetrachloro-m-xylene

R.T.: 2.877 min  
Delta R.T.: 0.000 min  
Response: 456748357  
Conc: 20.71 ng/ml



## #28 Decachlorobiphenyl

R.T.: 9.068 min  
Delta R.T.: 0.001 min  
Response: 77154730  
Conc: 17.88 ng/ml



## #28 Decachlorobiphenyl

R.T.: 8.063 min  
Delta R.T.: -0.002 min  
Response: 415074291  
Conc: 16.03 ng/ml

## Report of Analysis

|                    |                             |        |      |                    |               |           |
|--------------------|-----------------------------|--------|------|--------------------|---------------|-----------|
| Client:            | Zuccaro Inc.                |        |      | Date Collected:    | 09/08/25      |           |
| Project:           | 3 Coal Ave., Morristown, NJ |        |      | Date Received:     | 09/08/25      |           |
| Client Sample ID:  | PIBLK-PD090194.D            |        |      | SDG No.:           | Q3032         |           |
| Lab Sample ID:     | I.BLK-PD090194.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 |
|-------------------|-----------|-----------|---------------|---------------|
| PD090194.D        | 1         |           | 09/08/25      | pd090825      |

| 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   | 18.1   |           | 30 (57) - 150 (171) | 90%        | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 20.6   |           | 30 (61) - 150 (148) | 103%       | SPK: 20 |

## Report of Analysis

|                    |                             |                    |               |
|--------------------|-----------------------------|--------------------|---------------|
| Client:            | Zuccaro Inc.                | Date Collected:    | 09/08/25      |
| Project:           | 3 Coal Ave., Morristown, NJ | Date Received:     | 09/08/25      |
| Client Sample ID:  | PIBLK-PD090194.D            | SDG No.:           | Q3032         |
| Lab Sample ID:     | I.BLK-PD090194.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 |
| PD090194.D        | 1         |           | 09/08/25      | pd090825      |

| 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\PD090825\  
Data File : PD090194.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Sep 2025 15:52  
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: Sep 09 01:42:36 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 13:16:54 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 | 2.878 | 55787511 | 454.1E6 | 19.009 | 20.593 |
| 28)                         | SA Decachlor... | 9.067 | 8.064 | 78064543 | 385.5E6 | 18.087 | 14.891 |

Target Compounds

-----

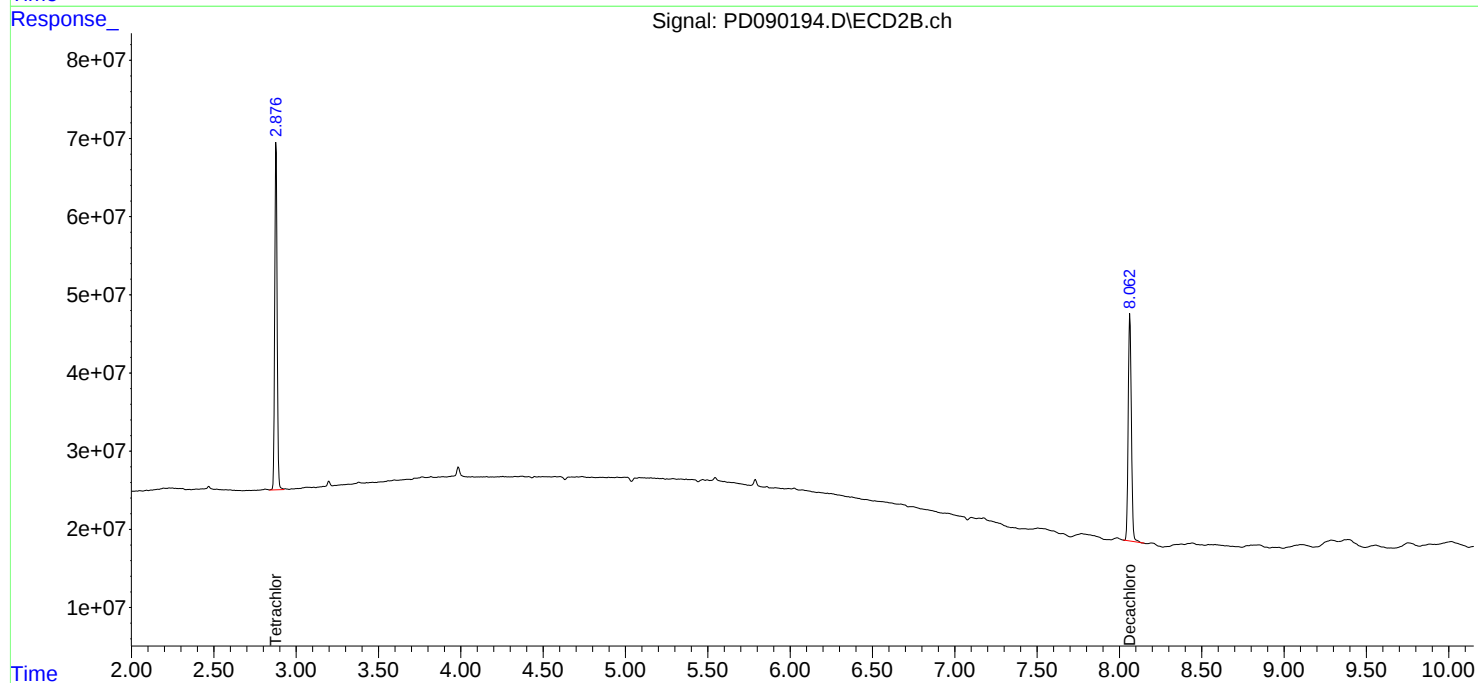
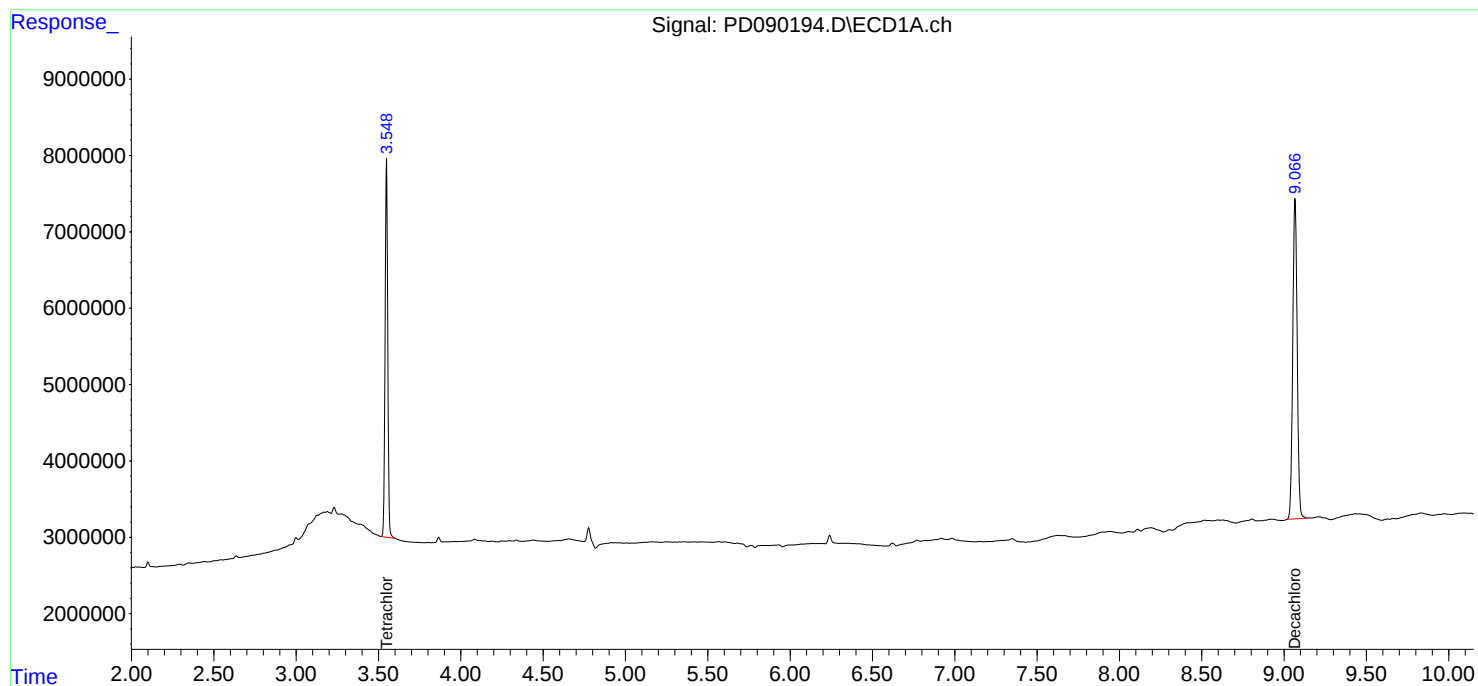
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

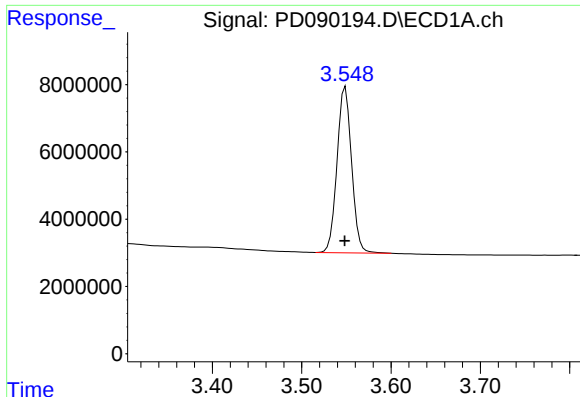
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090825\  
Data File : PD090194.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Sep 2025 15:52  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 09 01:42:36 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 13:16:54 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

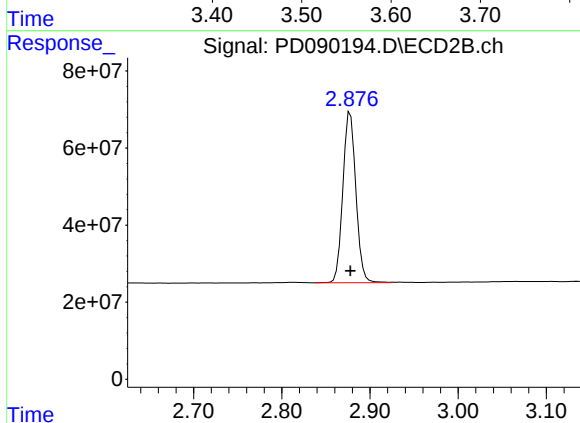




## #1 Tetrachloro-m-xylene

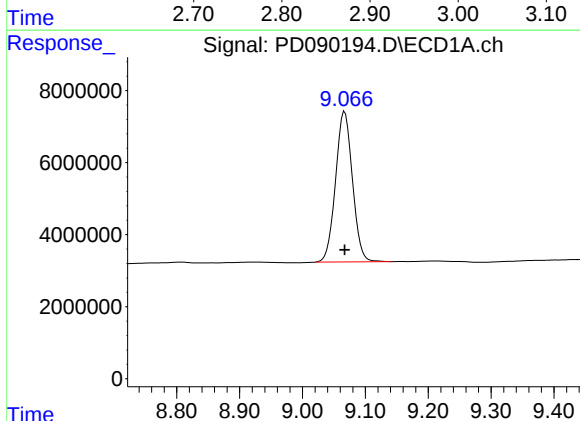
R.T.: 3.549 min  
Delta R.T.: 0.000 min  
Response: 55787511  
Conc: 19.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



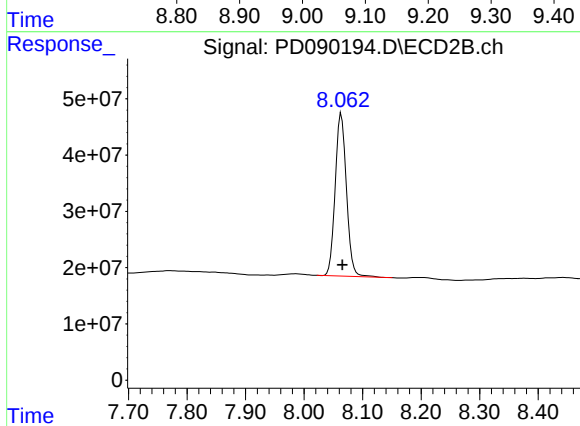
## #1 Tetrachloro-m-xylene

R.T.: 2.878 min  
Delta R.T.: 0.000 min  
Response: 454092705  
Conc: 20.59 ng/ml



## #28 Decachlorobiphenyl

R.T.: 9.067 min  
Delta R.T.: 0.000 min  
Response: 78064543  
Conc: 18.09 ng/ml



## #28 Decachlorobiphenyl

R.T.: 8.064 min  
Delta R.T.: -0.002 min  
Response: 385458619  
Conc: 14.89 ng/ml

## Report of Analysis

|                    |                             |                    |               |
|--------------------|-----------------------------|--------------------|---------------|
| Client:            | Zuccaro Inc.                | Date Collected:    | 09/08/25      |
| Project:           | 3 Coal Ave., Morristown, NJ | Date Received:     | 09/08/25      |
| Client Sample ID:  | PIBLK-PD090202.D            | SDG No.:           | Q3032         |
| Lab Sample ID:     | I.BLK-PD090202.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 |
| PD090202.D        | 1         |           | 09/08/25      | pd090825      |

| 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   | 19.0   |           | 30 (57) - 150 (171) | 95%        | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 20.6   |           | 30 (61) - 150 (148) | 103%       | SPK: 20 |

## Report of Analysis

|                    |                             |                    |               |
|--------------------|-----------------------------|--------------------|---------------|
| Client:            | Zuccaro Inc.                | Date Collected:    | 09/08/25      |
| Project:           | 3 Coal Ave., Morristown, NJ | Date Received:     | 09/08/25      |
| Client Sample ID:  | PIBLK-PD090202.D            | SDG No.:           | Q3032         |
| Lab Sample ID:     | I.BLK-PD090202.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 |
| PD090202.D        | 1         |           | 09/08/25      | pd090825      |

| 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\PD090825\  
 Data File : PD090202.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Sep 2025 18:43  
 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: Sep 09 03:15:57 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 19 13:16:54 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 | 2.878 | 55111025 | 453.4E6 | 18.778 | 20.561 |
| 28)                         | SA Decachlor... | 9.067 | 8.063 | 82131714 | 471.5E6 | 19.030 | 18.214 |

Target Compounds

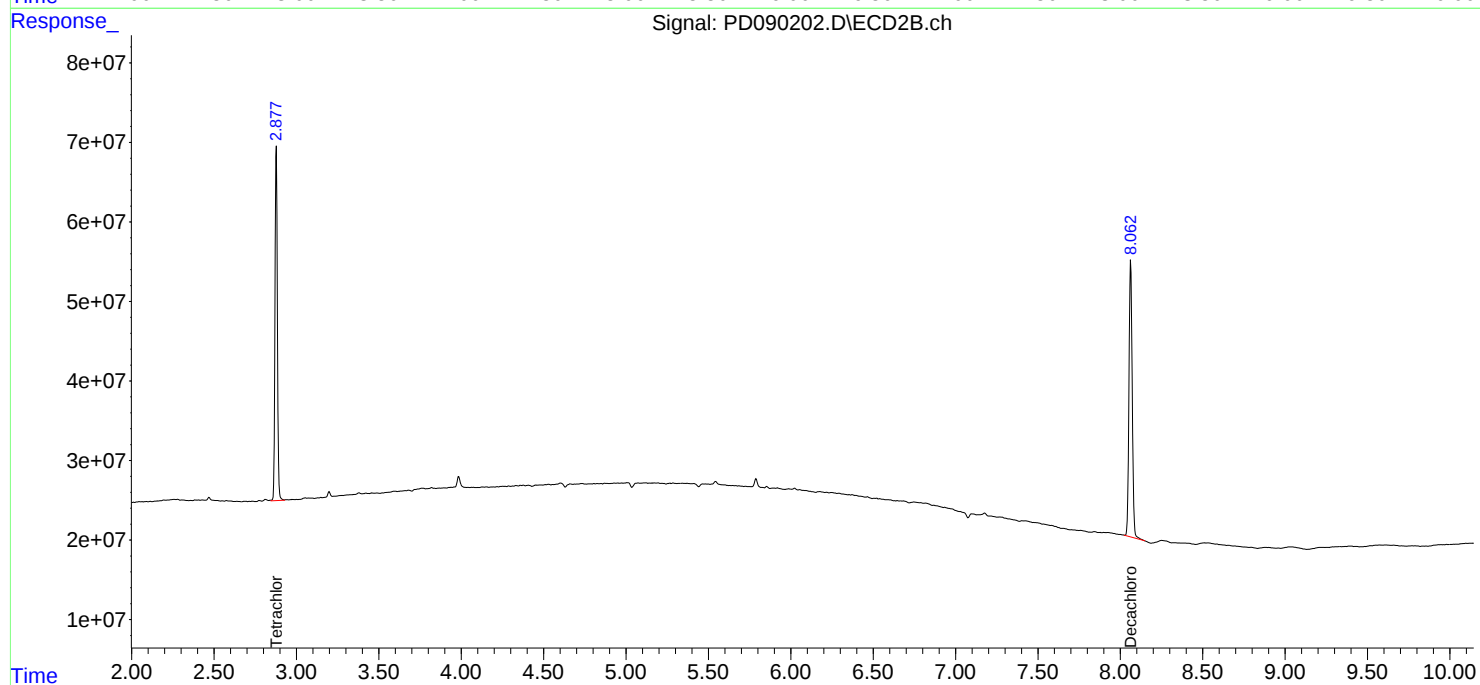
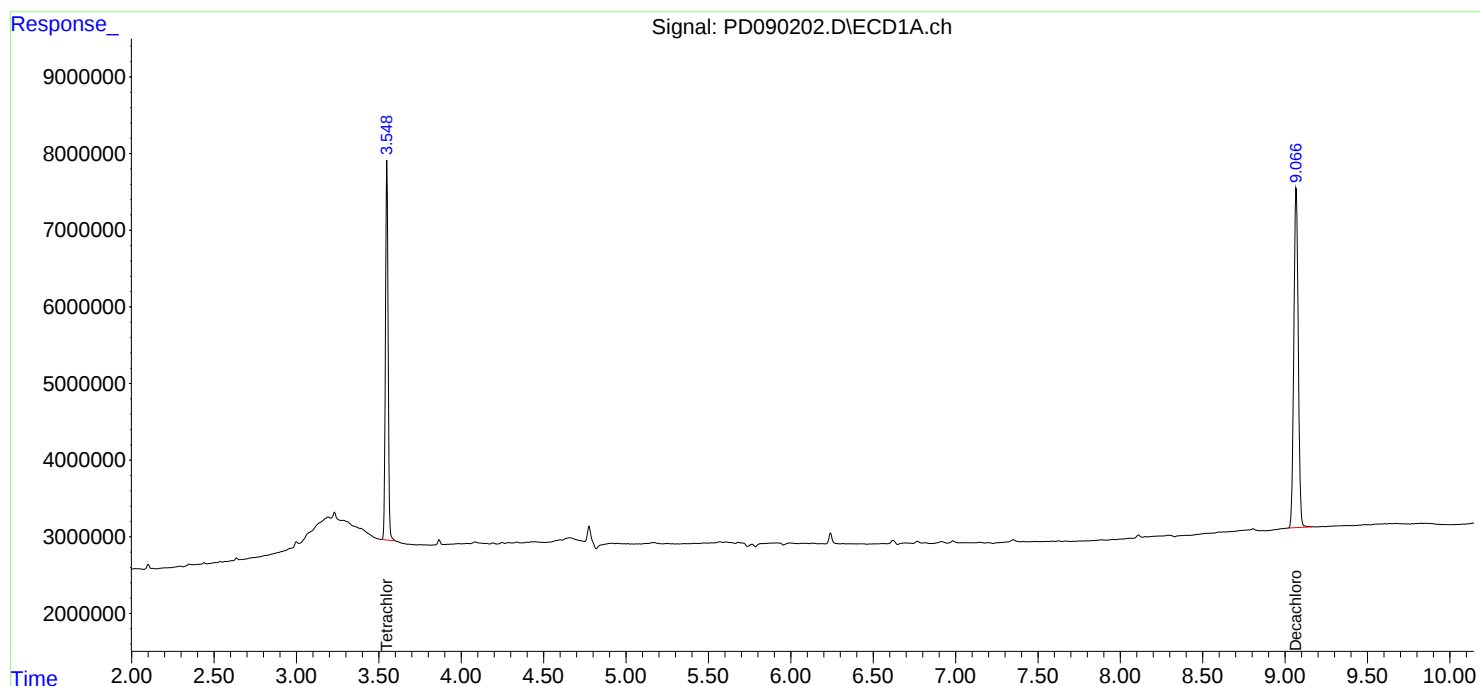
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

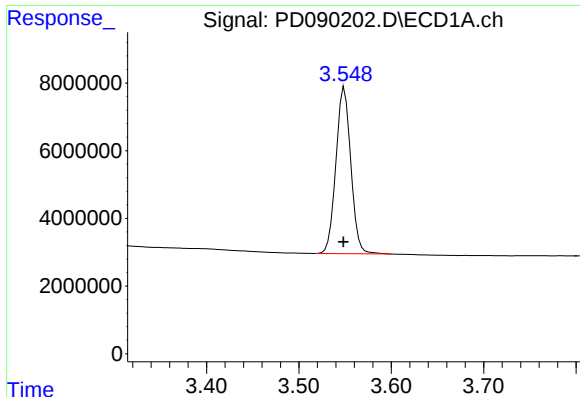
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090825\  
Data File : PD090202.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Sep 2025 18:43  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 09 03:15:57 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 13:16:54 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

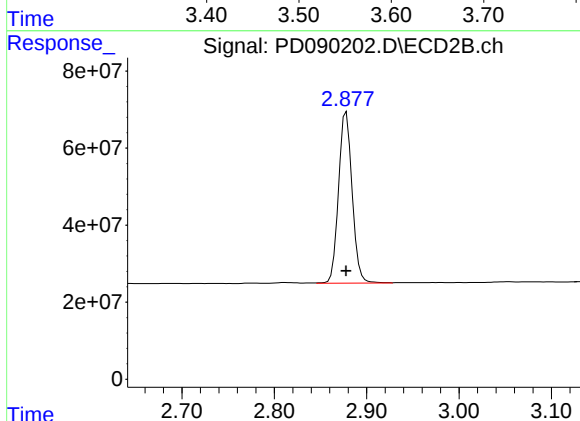




## #1 Tetrachloro-m-xylene

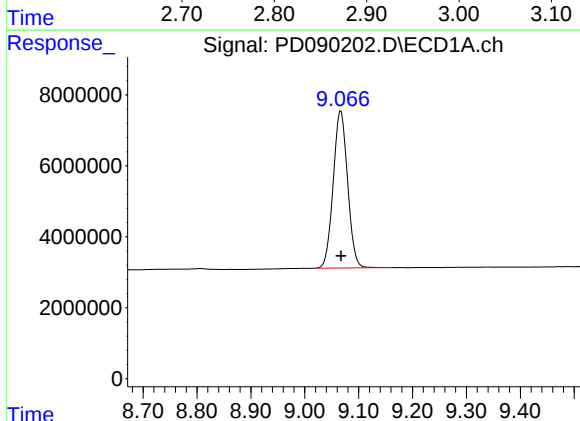
R.T.: 3.549 min  
Delta R.T.: 0.001 min  
Response: 55111025  
Conc: 18.78 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



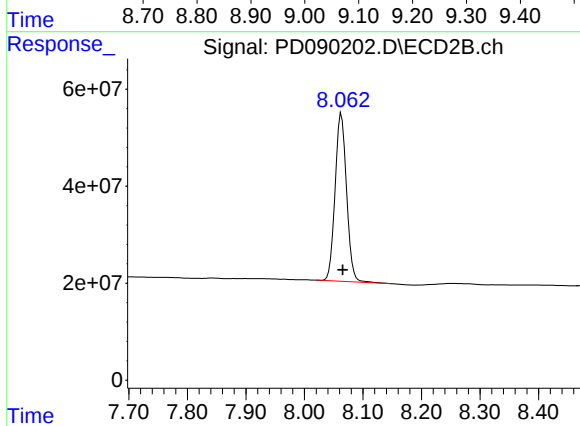
## #1 Tetrachloro-m-xylene

R.T.: 2.878 min  
Delta R.T.: 0.000 min  
Response: 453383451  
Conc: 20.56 ng/ml



## #28 Decachlorobiphenyl

R.T.: 9.067 min  
Delta R.T.: 0.000 min  
Response: 82131714  
Conc: 19.03 ng/ml



## #28 Decachlorobiphenyl

R.T.: 8.063 min  
Delta R.T.: -0.002 min  
Response: 471484444  
Conc: 18.21 ng/ml

## Report of Analysis

|                    |                             |                    |                  |
|--------------------|-----------------------------|--------------------|------------------|
| Client:            | Zuccaro Inc.                | Date Collected:    | 09/08/25         |
| Project:           | 3 Coal Ave., Morristown, NJ | Date Received:     | 09/08/25         |
| Client Sample ID:  | PIBLK-PD090208.D            | SDG No.:           | Q3032            |
| Lab Sample ID:     | I.BLK-PD090208.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 |
| PD090208.D        | 1         |           | 09/08/25      | pd090825      |

| 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   | 17.8   |           | 30 (57) - 150 (171) | 89%        | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 20.6   |           | 30 (61) - 150 (148) | 103%       | SPK: 20 |

## Report of Analysis

|                    |                             |                    |                  |
|--------------------|-----------------------------|--------------------|------------------|
| Client:            | Zuccaro Inc.                | Date Collected:    | 09/08/25         |
| Project:           | 3 Coal Ave., Morristown, NJ | Date Received:     | 09/08/25         |
| Client Sample ID:  | PIBLK-PD090208.D            | SDG No.:           | Q3032            |
| Lab Sample ID:     | I.BLK-PD090208.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 |
| PD090208.D        | 1         |           | 09/08/25      | pd090825      |

| 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\PD090825\  
 Data File : PD090208.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Sep 2025 20:28  
 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: Sep 09 01:44:47 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 19 13:16:54 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 | 2.878 | 55069892 | 454.5E6 | 18.764 | 20.611 |
| 28)                         | SA Decachlor... | 9.065 | 8.062 | 76803408 | 428.8E6 | 17.795 | 16.566 |

Target Compounds

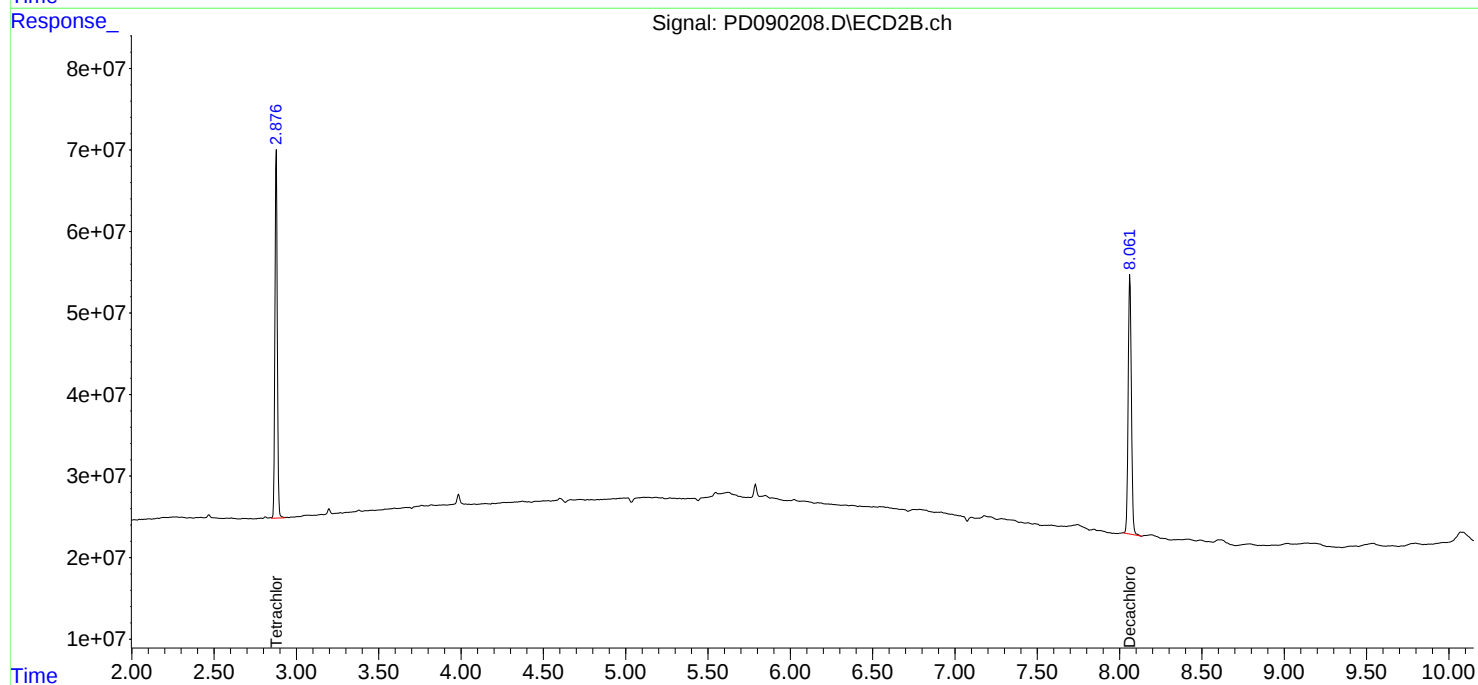
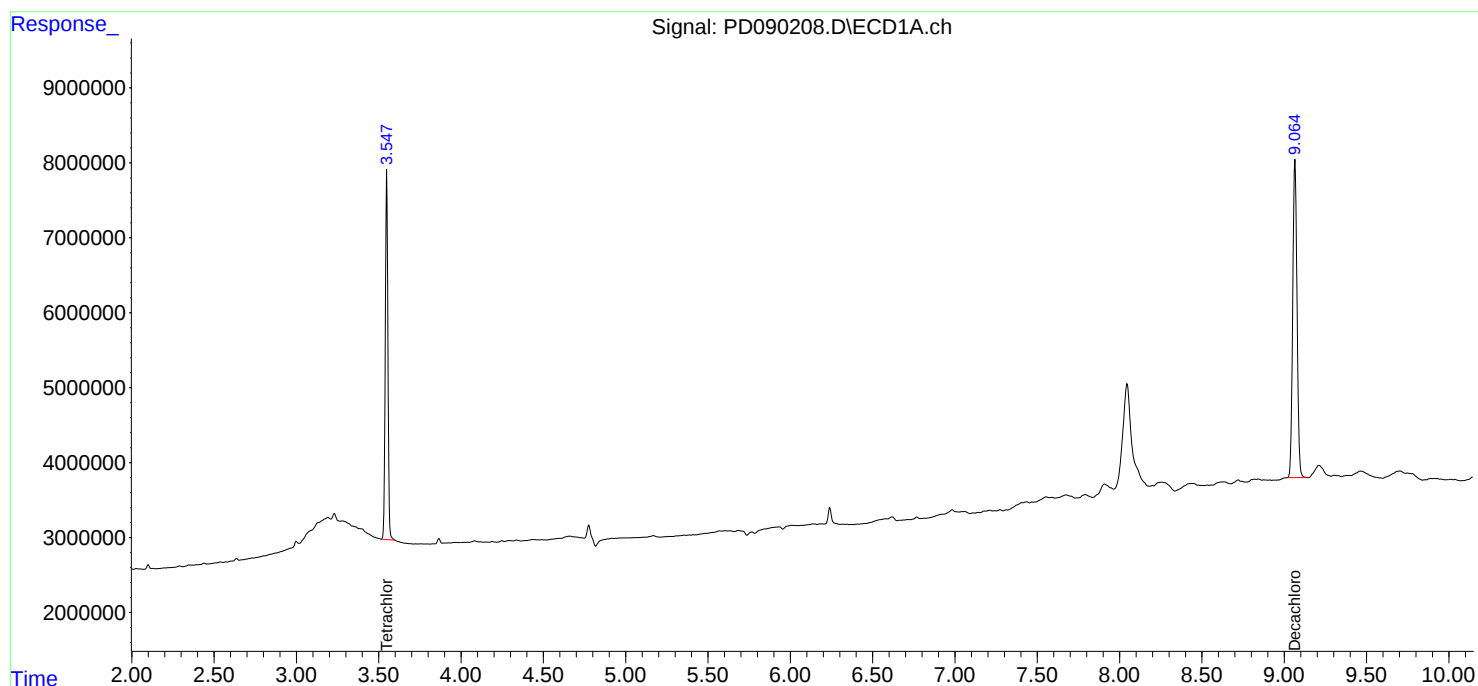
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

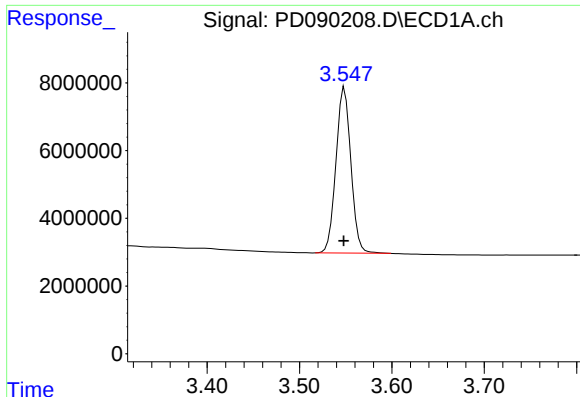
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090825\  
Data File : PD090208.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Sep 2025 20:28  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 09 01:44:27 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 13:16:54 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

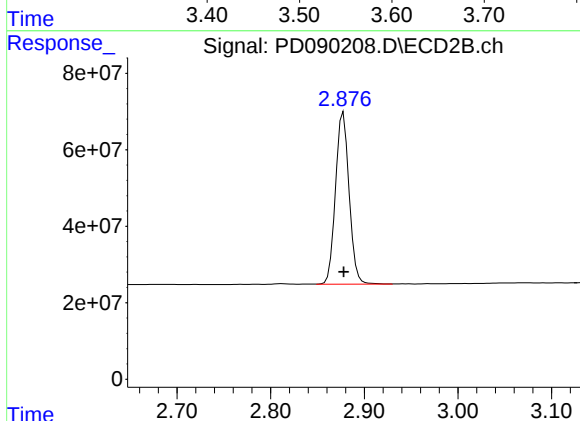




#1 Tetrachloro-m-xylene

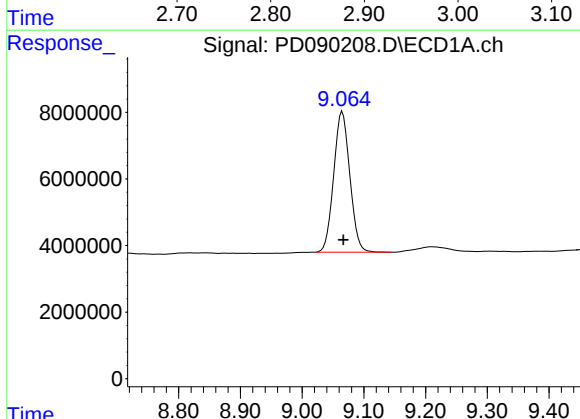
R.T.: 3.549 min  
Delta R.T.: 0.000 min  
Response: 55069892  
Conc: 18.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



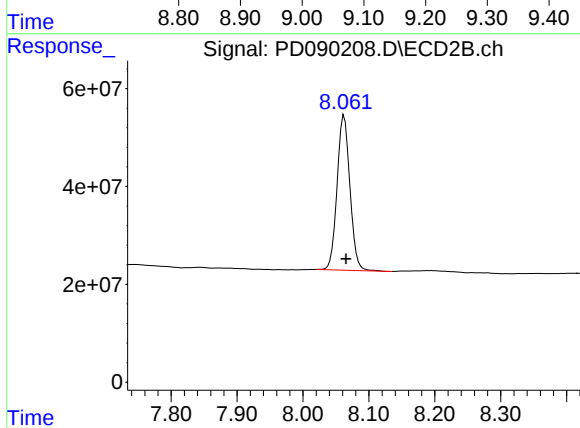
#1 Tetrachloro-m-xylene

R.T.: 2.878 min  
Delta R.T.: 0.000 min  
Response: 454478317  
Conc: 20.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min  
Delta R.T.: -0.002 min  
Response: 76803408  
Conc: 17.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.062 min  
Delta R.T.: -0.003 min  
Response: 428815461  
Conc: 16.57 ng/ml

## Report of Analysis

|                    |                             |                    |          |               |       |    |
|--------------------|-----------------------------|--------------------|----------|---------------|-------|----|
| Client:            | Zuccaro Inc.                | Date Collected:    | 09/09/25 |               |       |    |
| Project:           | 3 Coal Ave., Morristown, NJ | Date Received:     | 09/09/25 |               |       |    |
| Client Sample ID:  | PIBLK-PD090211.D            | SDG No.:           | Q3032    |               |       |    |
| Lab Sample ID:     | I.BLK-PD090211.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 |
|-------------------|-----------|-----------|---------------|---------------|
| PD090211.D        | 1         |           | 09/09/25      | PD090925      |

| CAS Number        | Parameter            | Conc.  | Qualifier | MDL                 | LOQ / CRQL | Units   |
|-------------------|----------------------|--------|-----------|---------------------|------------|---------|
| <b>TARGETS</b>    |                      |        |           |                     |            |         |
| 319-84-6          | alpha-BHC            | 0.0039 | U         | 0.0039              | 0.050      | ug/L    |
| 319-85-7          | beta-BHC             | 0.0049 | U         | 0.0049              | 0.050      | ug/L    |
| 319-86-8          | delta-BHC            | 0.011  | U         | 0.011               | 0.050      | ug/L    |
| 58-89-9           | gamma-BHC (Lindane)  | 0.0037 | U         | 0.0037              | 0.050      | ug/L    |
| 76-44-8           | Heptachlor           | 0.0027 | U         | 0.0027              | 0.050      | ug/L    |
| 309-00-2          | Aldrin               | 0.0036 | U         | 0.0036              | 0.050      | ug/L    |
| 1024-57-3         | Heptachlor epoxide   | 0.0096 | U         | 0.0096              | 0.050      | ug/L    |
| 959-98-8          | Endosulfan I         | 0.0031 | U         | 0.0031              | 0.050      | ug/L    |
| 60-57-1           | Dieldrin             | 0.0036 | U         | 0.0036              | 0.050      | ug/L    |
| 72-55-9           | 4,4-DDE              | 0.0037 | U         | 0.0037              | 0.050      | ug/L    |
| 72-20-8           | Endrin               | 0.0032 | U         | 0.0032              | 0.050      | ug/L    |
| 33213-65-9        | Endosulfan II        | 0.0079 | U         | 0.0079              | 0.050      | ug/L    |
| 72-54-8           | 4,4-DDD              | 0.0071 | U         | 0.0071              | 0.050      | ug/L    |
| 1031-07-8         | Endosulfan Sulfate   | 0.0037 | U         | 0.0037              | 0.050      | ug/L    |
| 50-29-3           | 4,4-DDT              | 0.0035 | U         | 0.0035              | 0.050      | ug/L    |
| 72-43-5           | Methoxychlor         | 0.011  | U         | 0.011               | 0.050      | ug/L    |
| 53494-70-5        | Endrin ketone        | 0.0093 | U         | 0.0093              | 0.050      | ug/L    |
| 7421-93-4         | Endrin aldehyde      | 0.011  | U         | 0.011               | 0.050      | ug/L    |
| 5103-71-9         | alpha-Chlordane      | 0.0035 | U         | 0.0035              | 0.050      | ug/L    |
| 5103-74-2         | gamma-Chlordane      | 0.0039 | U         | 0.0039              | 0.050      | ug/L    |
| 8001-35-2         | Toxaphene            | 0.17   | U         | 0.17                | 1.00       | ug/L    |
| <b>SURROGATES</b> |                      |        |           |                     |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 19.8   |           | 30 (57) - 150 (171) | 99%        | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 22.2   |           | 30 (61) - 150 (148) | 111%       | SPK: 20 |

## Report of Analysis

|                    |                             |                    |               |
|--------------------|-----------------------------|--------------------|---------------|
| Client:            | Zuccaro Inc.                | Date Collected:    | 09/09/25      |
| Project:           | 3 Coal Ave., Morristown, NJ | Date Received:     | 09/09/25      |
| Client Sample ID:  | PIBLK-PD090211.D            | SDG No.:           | Q3032         |
| Lab Sample ID:     | I.BLK-PD090211.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 |
| PD090211.D        | 1         |           | 09/09/25      | PD090925      |

| 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\PD090925\  
 Data File : PD090211.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Sep 2025 10:38  
 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: Sep 09 11:25:20 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 19 13:16:54 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 | 2.877 | 56995381 | 489.6E6 | 19.420 | 22.204 |
| 28)                         | SA Decachlor... | 9.068 | 8.062 | 84737659 | 511.2E6 | 19.634 | 19.747 |

Target Compounds

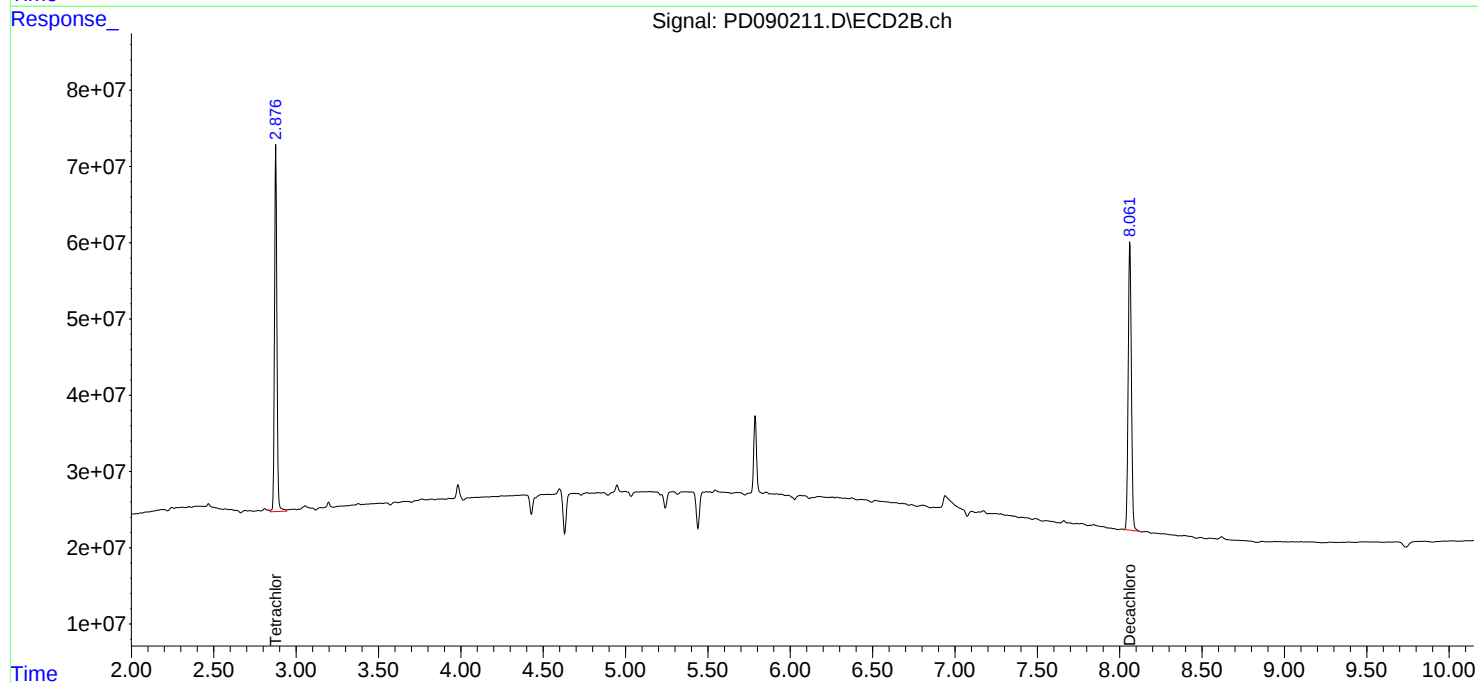
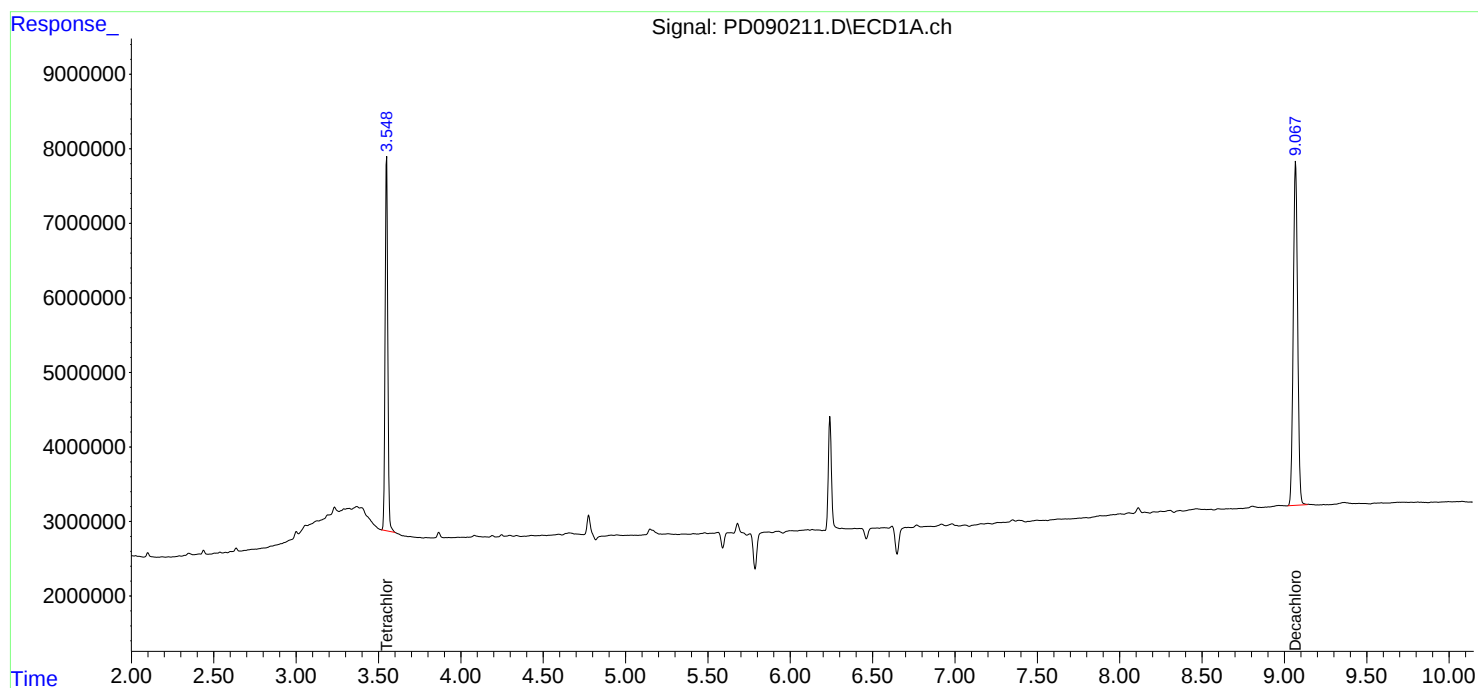
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

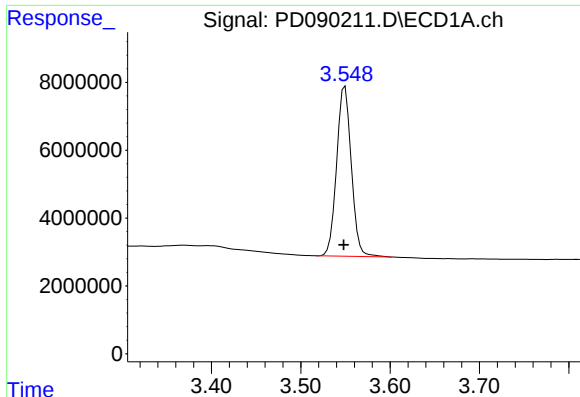
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090925\  
Data File : PD090211.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Sep 2025 10:38  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 09 11:25:20 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 13:16:54 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

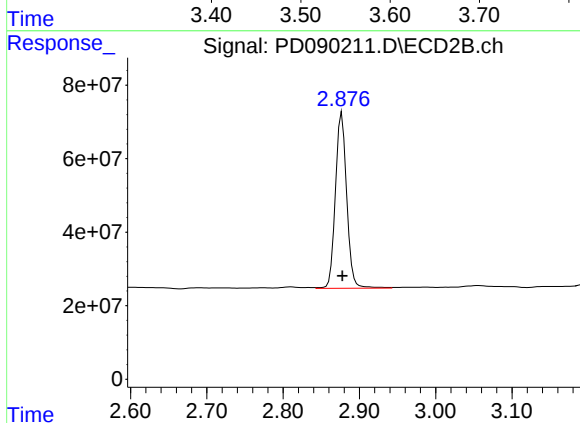




#1 Tetrachloro-m-xylene

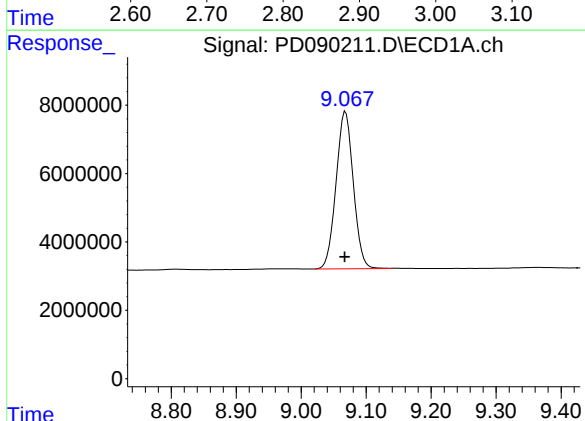
R.T.: 3.549 min  
Delta R.T.: 0.001 min  
Response: 56995381  
Conc: 19.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK



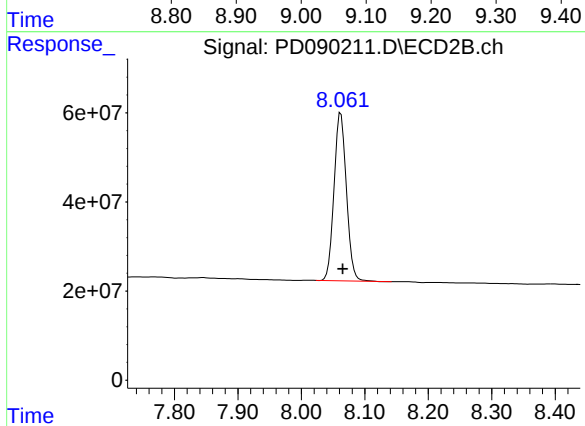
#1 Tetrachloro-m-xylene

R.T.: 2.877 min  
Delta R.T.: 0.000 min  
Response: 489616834  
Conc: 22.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.068 min  
Delta R.T.: 0.001 min  
Response: 84737659  
Conc: 19.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.062 min  
Delta R.T.: -0.003 min  
Response: 511163374  
Conc: 19.75 ng/ml

## Report of Analysis

|                    |                             |                    |               |
|--------------------|-----------------------------|--------------------|---------------|
| Client:            | Zuccaro Inc.                | Date Collected:    | 09/09/25      |
| Project:           | 3 Coal Ave., Morristown, NJ | Date Received:     | 09/09/25      |
| Client Sample ID:  | PIBLK-PD090216.D            | SDG No.:           | Q3032         |
| Lab Sample ID:     | I.BLK-PD090216.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 |
| PD090216.D        | 1         |           | 09/09/25      | pd090925      |

| CAS Number        | Parameter            | Conc.  | Qualifier | MDL                 | LOQ / CRQL | Units   |
|-------------------|----------------------|--------|-----------|---------------------|------------|---------|
| <b>TARGETS</b>    |                      |        |           |                     |            |         |
| 319-84-6          | alpha-BHC            | 0.0039 | U         | 0.0039              | 0.050      | ug/L    |
| 319-85-7          | beta-BHC             | 0.0049 | U         | 0.0049              | 0.050      | ug/L    |
| 319-86-8          | delta-BHC            | 0.011  | U         | 0.011               | 0.050      | ug/L    |
| 58-89-9           | gamma-BHC (Lindane)  | 0.0037 | U         | 0.0037              | 0.050      | ug/L    |
| 76-44-8           | Heptachlor           | 0.0027 | U         | 0.0027              | 0.050      | ug/L    |
| 309-00-2          | Aldrin               | 0.0036 | U         | 0.0036              | 0.050      | ug/L    |
| 1024-57-3         | Heptachlor epoxide   | 0.0096 | U         | 0.0096              | 0.050      | ug/L    |
| 959-98-8          | Endosulfan I         | 0.0031 | U         | 0.0031              | 0.050      | ug/L    |
| 60-57-1           | Dieldrin             | 0.0036 | U         | 0.0036              | 0.050      | ug/L    |
| 72-55-9           | 4,4-DDE              | 0.0037 | U         | 0.0037              | 0.050      | ug/L    |
| 72-20-8           | Endrin               | 0.0032 | U         | 0.0032              | 0.050      | ug/L    |
| 33213-65-9        | Endosulfan II        | 0.0079 | U         | 0.0079              | 0.050      | ug/L    |
| 72-54-8           | 4,4-DDD              | 0.0071 | U         | 0.0071              | 0.050      | ug/L    |
| 1031-07-8         | Endosulfan Sulfate   | 0.0037 | U         | 0.0037              | 0.050      | ug/L    |
| 50-29-3           | 4,4-DDT              | 0.0035 | U         | 0.0035              | 0.050      | ug/L    |
| 72-43-5           | Methoxychlor         | 0.011  | U         | 0.011               | 0.050      | ug/L    |
| 53494-70-5        | Endrin ketone        | 0.0093 | U         | 0.0093              | 0.050      | ug/L    |
| 7421-93-4         | Endrin aldehyde      | 0.011  | U         | 0.011               | 0.050      | ug/L    |
| 5103-71-9         | alpha-Chlordane      | 0.0035 | U         | 0.0035              | 0.050      | ug/L    |
| 5103-74-2         | gamma-Chlordane      | 0.0039 | U         | 0.0039              | 0.050      | ug/L    |
| 8001-35-2         | Toxaphene            | 0.17   | U         | 0.17                | 1.00       | ug/L    |
| <b>SURROGATES</b> |                      |        |           |                     |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 21.2   |           | 30 (57) - 150 (171) | 106%       | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 21.8   |           | 30 (61) - 150 (148) | 109%       | SPK: 20 |

## Report of Analysis

|                    |                             |                    |                  |
|--------------------|-----------------------------|--------------------|------------------|
| Client:            | Zuccaro Inc.                | Date Collected:    | 09/09/25         |
| Project:           | 3 Coal Ave., Morristown, NJ | Date Received:     | 09/09/25         |
| Client Sample ID:  | PIBLK-PD090216.D            | SDG No.:           | Q3032            |
| Lab Sample ID:     | I.BLK-PD090216.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 |
| PD090216.D        | 1         |           | 09/09/25      | pd090925      |

| 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\PD090925\  
 Data File : PD090216.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Sep 2025 16:21  
 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 09/10/2025  
 Supervised By : mohammad ahmed 09/11/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 10 06:47:27 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 19 13:16:54 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... | 3.555 | 2.876 | 59316694 | 481.6E6 | 20.211m | 21.843 |
| 28)                         | SA Decachlor... | 9.078 | 8.066 | 89587163 | 549.4E6 | 20.757  | 21.225 |

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090925\  
Data File : PD090216.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Sep 2025 16:21  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

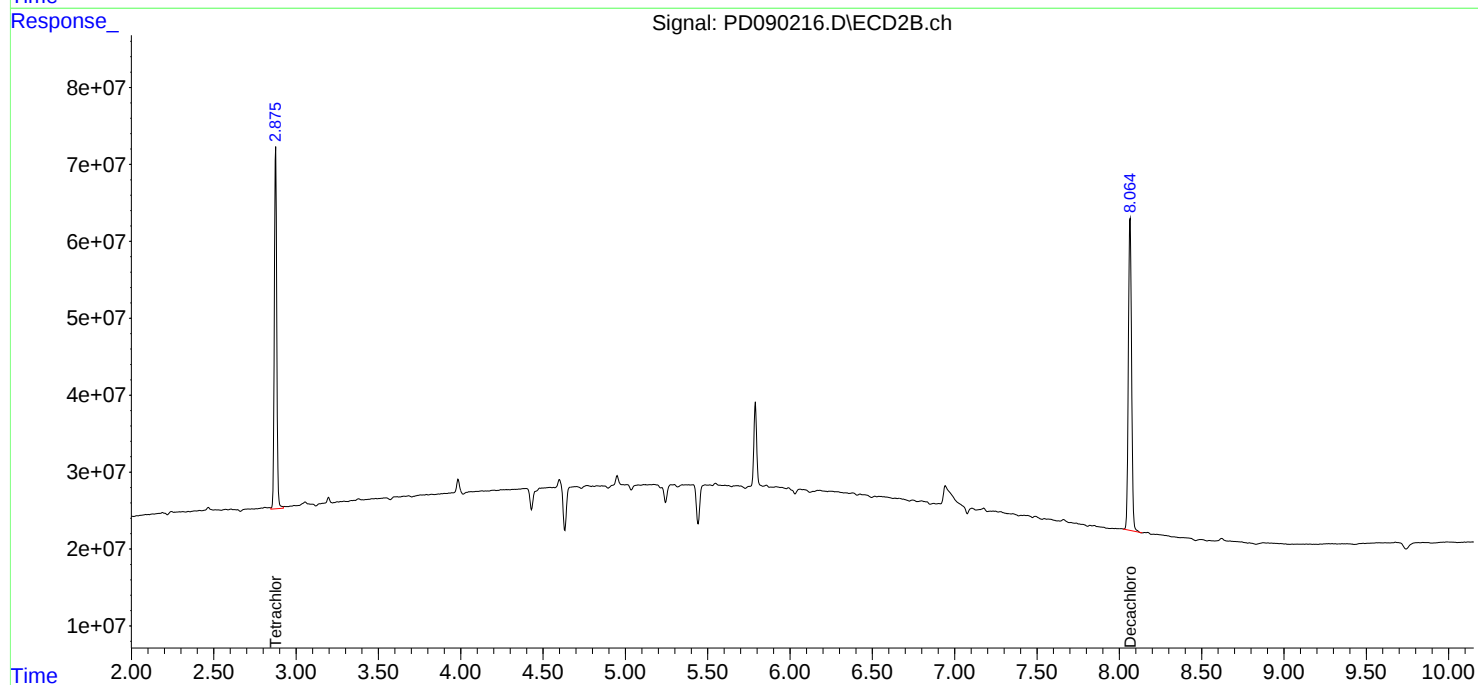
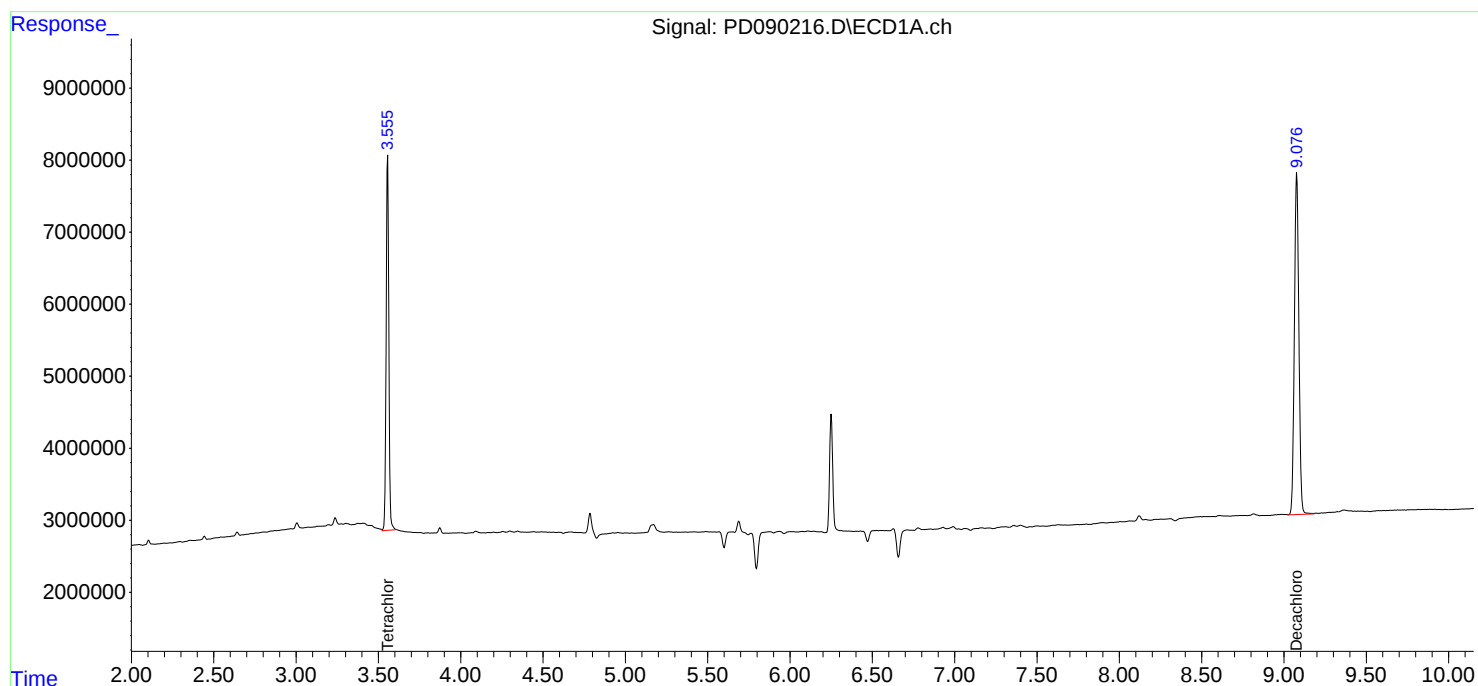
Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK

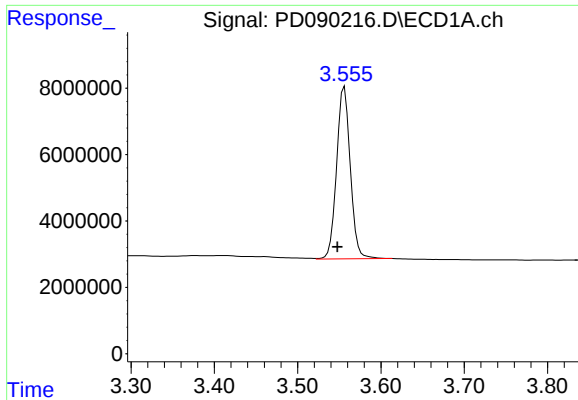
Manual Integrations  
APPROVED

Reviewed By : Abdul Mirza 09/10/2025  
Supervised By : mohammad ahmed 09/11/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 10 06:47:27 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 13:16:54 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





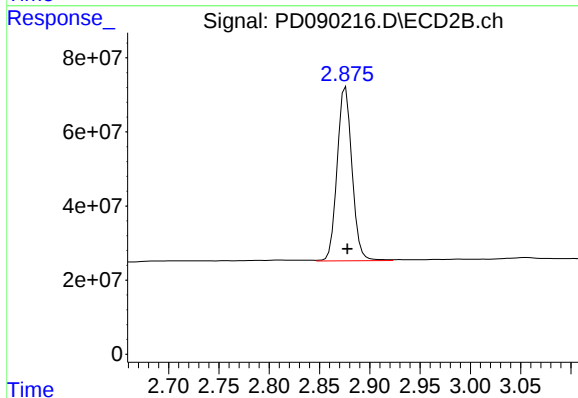
## #1 Tetrachloro-m-xylene

R.T.: 3.555 min  
Delta R.T.: 0.007 min  
Response: 59316694  
Conc: 20.21 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
I.BLK

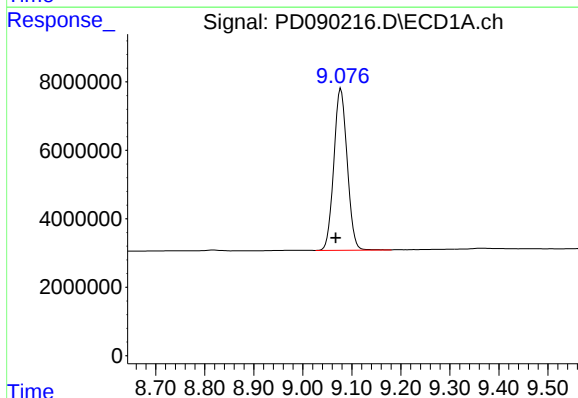
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/10/2025  
Supervised By :mohammad ahmed 09/11/2025



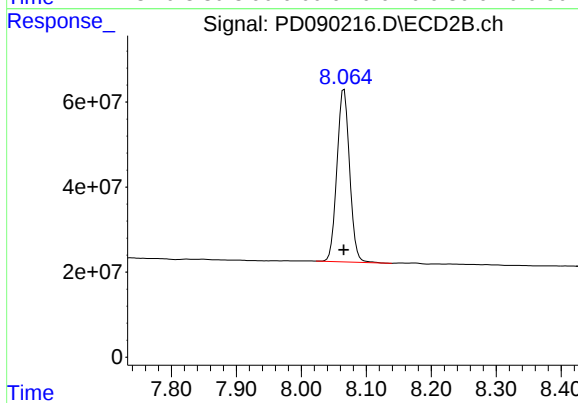
## #1 Tetrachloro-m-xylene

R.T.: 2.876 min  
Delta R.T.: -0.002 min  
Response: 481639891  
Conc: 21.84 ng/ml



## #28 Decachlorobiphenyl

R.T.: 9.078 min  
Delta R.T.: 0.011 min  
Response: 89587163  
Conc: 20.76 ng/ml



## #28 Decachlorobiphenyl

R.T.: 8.066 min  
Delta R.T.: 0.000 min  
Response: 549431854  
Conc: 21.23 ng/ml

## Report of Analysis

|                    |                             |                    |                    |
|--------------------|-----------------------------|--------------------|--------------------|
| Client:            | Zuccaro Inc.                | Date Collected:    |                    |
| Project:           | 3 Coal Ave., Morristown, NJ | Date Received:     |                    |
| Client Sample ID:  | PB169592BS                  | SDG No.:           | Q3032              |
| Lab Sample ID:     | PB169592BS                  | 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 |
| PD090215.D        | 1         | 09/08/25 09:00 | 09/09/25 14:52 | PB169592      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|---------------------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |                     |            |                   |
| 319-84-6          | alpha-BHC            | 16.9  |           | 0.13                | 1.70       | ug/kg             |
| 319-85-7          | beta-BHC             | 16.8  |           | 0.18                | 1.70       | ug/kg             |
| 319-86-8          | delta-BHC            | 15.4  |           | 0.39                | 1.70       | ug/kg             |
| 58-89-9           | gamma-BHC (Lindane)  | 16.9  |           | 0.14                | 1.70       | ug/kg             |
| 76-44-8           | Heptachlor           | 15.9  |           | 0.12                | 1.70       | ug/kg             |
| 309-00-2          | Aldrin               | 17.2  |           | 0.12                | 1.70       | ug/kg             |
| 1024-57-3         | Heptachlor epoxide   | 17.0  |           | 0.19                | 1.70       | ug/kg             |
| 959-98-8          | Endosulfan I         | 17.1  |           | 0.14                | 1.70       | ug/kg             |
| 60-57-1           | Dieldrin             | 17.3  |           | 0.14                | 1.70       | ug/kg             |
| 72-55-9           | 4,4-DDE              | 17.3  |           | 0.14                | 1.70       | ug/kg             |
| 72-20-8           | Endrin               | 14.1  |           | 0.14                | 1.70       | ug/kg             |
| 33213-65-9        | Endosulfan II        | 17.3  |           | 0.29                | 1.70       | ug/kg             |
| 72-54-8           | 4,4-DDD              | 18.6  |           | 0.15                | 1.70       | ug/kg             |
| 1031-07-8         | Endosulfan Sulfate   | 16.7  |           | 0.13                | 1.70       | ug/kg             |
| 50-29-3           | 4,4-DDT              | 14.3  |           | 0.14                | 1.70       | ug/kg             |
| 72-43-5           | Methoxychlor         | 13.5  |           | 0.37                | 1.70       | ug/kg             |
| 53494-70-5        | Endrin ketone        | 18.9  |           | 0.19                | 1.70       | ug/kg             |
| 7421-93-4         | Endrin aldehyde      | 19.4  |           | 0.37                | 1.70       | ug/kg             |
| 5103-71-9         | alpha-Chlordane      | 17.1  |           | 0.12                | 1.70       | ug/kg             |
| 5103-74-2         | gamma-Chlordane      | 17.3  |           | 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   | 24.3  |           | 30 (20) - 150 (144) | 122%       | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 24.9  |           | 30 (19) - 150 (148) | 125%       | SPK: 20           |

## Report of Analysis

|                    |                             |                    |               |
|--------------------|-----------------------------|--------------------|---------------|
| Client:            | Zuccaro Inc.                | Date Collected:    |               |
| Project:           | 3 Coal Ave., Morristown, NJ | Date Received:     |               |
| Client Sample ID:  | PB169592BS                  | SDG No.:           | Q3032         |
| Lab Sample ID:     | PB169592BS                  | Matrix:            | SOIL          |
| Analytical Method: | 8081B                       | % Solid:           | 100           |
| Sample Wt/Vol:     | 30.01                       | Units:             | g             |
| Soil Aliquot Vol:  |                             |                    | uL            |
| Extraction Type:   |                             | Test:              | Pesticide-TCL |
| GPC Factor :       | 1.0                         | Injection Volume : |               |
| Prep Method :      | SW3541B                     |                    |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PD090215.D        | 1         | 09/08/25 09:00 | 09/09/25 14:52 | PB169592      |

| 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\PD090925\  
 Data File : PD090215.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Sep 2025 14:52  
 Operator : AR\AJ  
 Sample : PB169592BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PB169592BS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 09/10/2025  
 Supervised By :mohammad ahmed 09/11/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 10 06:47:14 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 19 13:16:54 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 | 2.877 | 72986291 | 549.8E6  | 24.869  | 24.934 |
| 28)                         | SA Decachlor... | 9.079 | 8.066 | 104.4E6  | 629.8E6  | 24.194  | 24.331 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 4.006 | 3.389 | 303.2E6  | 1716.1E6 | 50.506  | 50.566 |
| 3)                          | MA gamma-BHC... | 4.336 | 3.725 | 285.0E6  | 1584.9E6 | 49.773m | 50.847 |
| 4)                          | MA Heptachlor   | 4.935 | 4.078 | 268.0E6  | 1480.3E6 | 47.786  | 47.459 |
| 5)                          | MB Aldrin       | 5.275 | 4.363 | 280.0E6  | 1564.8E6 | 51.711m | 51.379 |
| 6)                          | B beta-BHC      | 4.524 | 4.021 | 109.7E6  | 673.6E6  | 48.925  | 50.535 |
| 7)                          | B delta-BHC     | 4.772 | 4.257 | 239.2E6  | 1362.3E6 | 46.196  | 43.181 |
| 8)                          | B Heptachlo...  | 5.697 | 4.867 | 248.7E6  | 1416.2E6 | 50.675  | 51.137 |
| 9)                          | A Endosulfan I  | 6.080 | 5.241 | 235.7E6  | 1347.7E6 | 51.076  | 51.395 |
| 10)                         | B gamma-Chl...  | 5.952 | 5.120 | 251.0E6  | 1537.1E6 | 51.328  | 51.910 |
| 11)                         | B alpha-Chl...  | 6.033 | 5.184 | 250.6E6  | 1467.5E6 | 50.917  | 51.423 |
| 12)                         | B 4,4'-DDE      | 6.202 | 5.369 | 227.9E6  | 1494.8E6 | 51.922  | 51.861 |
| 13)                         | MA Dieldrin     | 6.351 | 5.507 | 252.5E6  | 1517.5E6 | 51.579m | 51.815 |
| 14)                         | MA Endrin       | 6.579 | 5.784 | 167.5E6  | 1124.8E6 | 40.432m | 42.236 |
| 15)                         | B Endosulfa...  | 6.793 | 6.075 | 212.7E6  | 1315.5E6 | 50.418  | 52.007 |
| 16)                         | A 4,4'-DDD      | 6.712 | 5.924 | 188.4E6  | 1344.8E6 | 54.463  | 55.932 |
| 17)                         | MA 4,4'-DDT     | 7.026 | 6.177 | 143.2E6  | 1077.7E6 | 37.594m | 42.988 |
| 18)                         | B Endrin al...  | 6.920 | 6.253 | 160.8E6  | 1003.2E6 | 56.092m | 58.257 |
| 19)                         | B Endosulfa...  | 7.155 | 6.477 | 191.7E6  | 1220.1E6 | 48.934m | 50.044 |
| 20)                         | A Methoxychlor  | 7.499 | 6.748 | 76030414 | 521.9E6  | 37.909  | 40.472 |
| 21)                         | B Endrin ke...  | 7.637 | 6.986 | 226.6E6  | 1508.8E6 | 54.675  | 56.626 |
| 22)                         | Mirex           | 8.119 | 7.179 | 146.2E6  | 1027.1E6 | 46.357  | 49.723 |
| -----                       |                 |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090925\  
Data File : PD090215.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Sep 2025 14:52  
Operator : AR\AJ  
Sample : PB169592BS  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

## Instrument :

ECD\_D

## ClientSampleId :

PB169592BS

## Manual Integrations

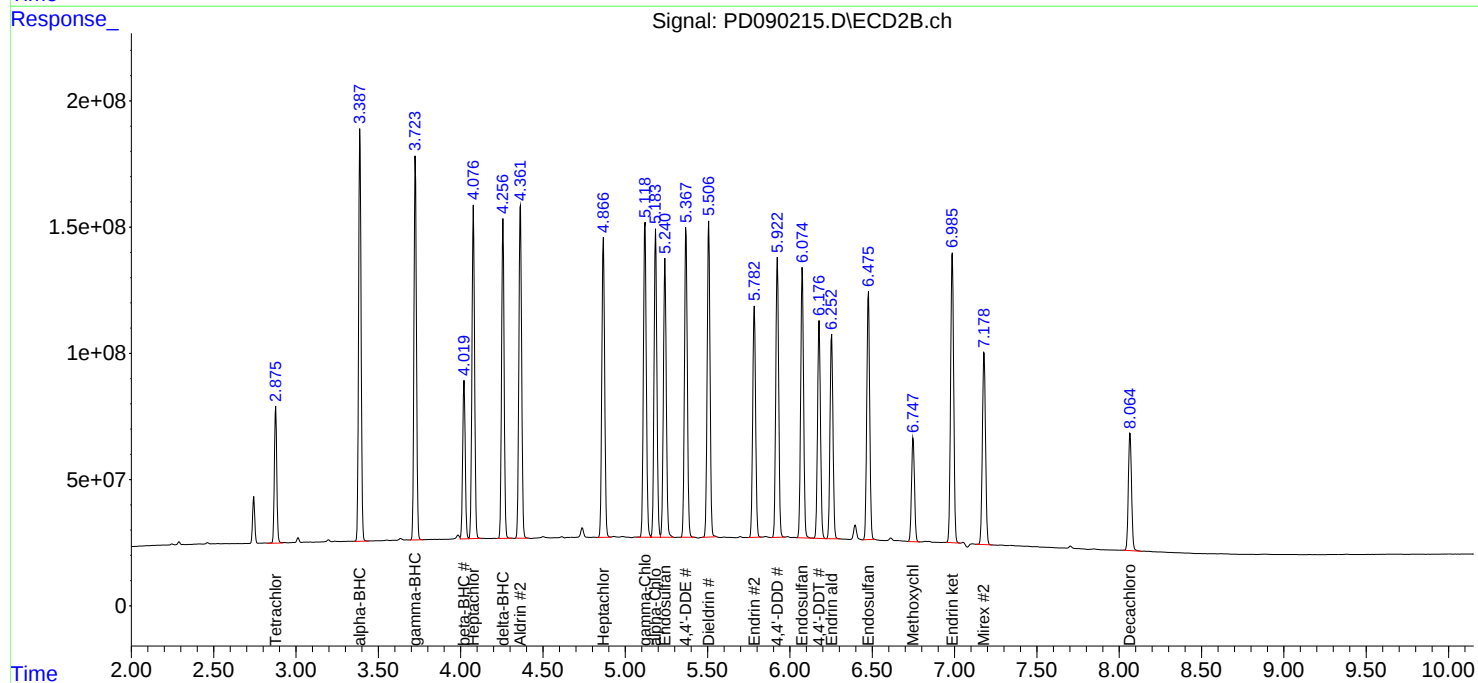
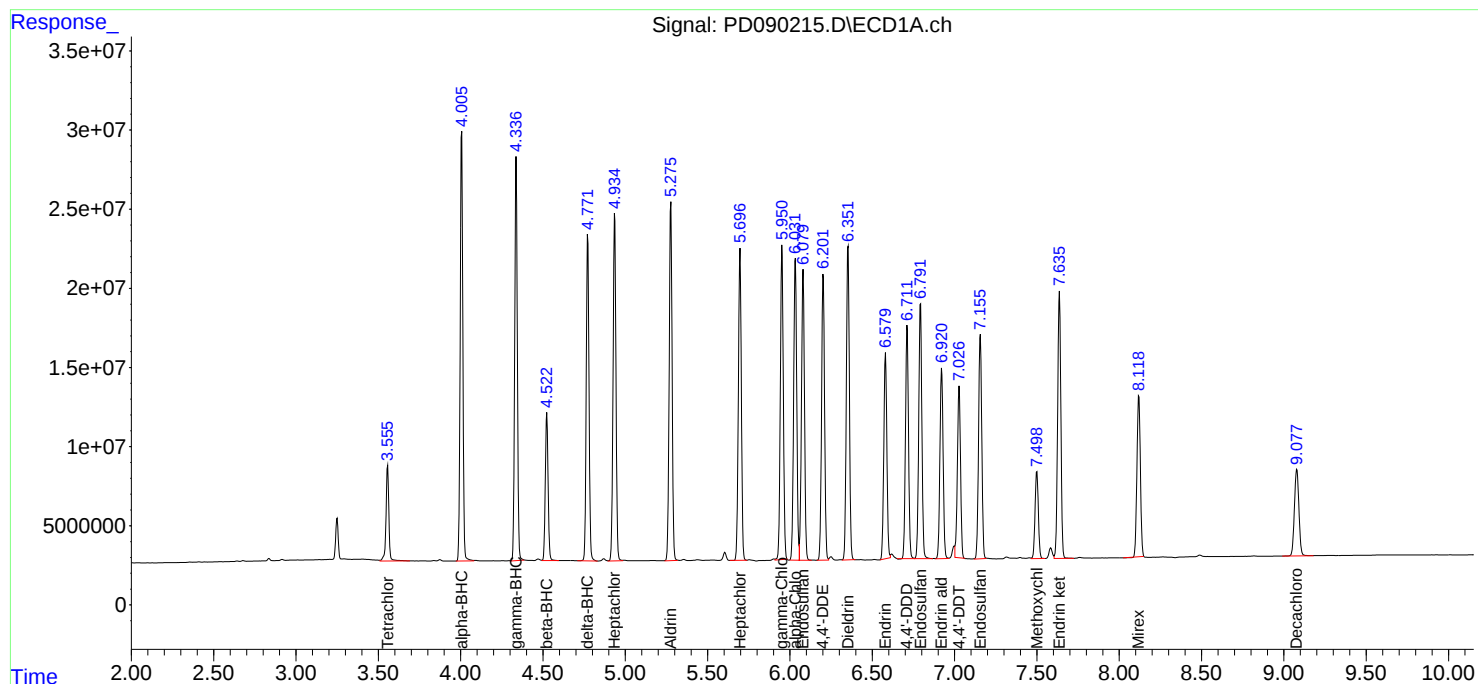
## APPROVED

Reviewed By :Abdul Mirza 09/10/2025

Supervised By :mohammad ahmed 09/11/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 10 06:47:14 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 13:16:54 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:            | Zuccaro Inc.                | Date Collected:    | 09/05/25            |
| Project:           | 3 Coal Ave., Morristown, NJ | Date Received:     | 09/05/25            |
| Client Sample ID:  | SOIL-PILE-1MS               | SDG No.:           | Q3032               |
| Lab Sample ID:     | Q3032-01MS                  | Matrix:            | SOIL                |
| Analytical Method: | 8081B                       | % Solid:           | 83.1      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 |
| PD090206.D        | 1         | 09/08/25 09:00 | 09/08/25 20:00 | PB169592      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|---------------------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |                     |            |                   |
| 319-84-6          | alpha-BHC            | 19.3  |           | 0.16                | 2.00       | ug/kg             |
| 319-85-7          | beta-BHC             | 24.7  |           | 0.22                | 2.00       | ug/kg             |
| 319-86-8          | delta-BHC            | 20.3  |           | 0.47                | 2.00       | ug/kg             |
| 58-89-9           | gamma-BHC (Lindane)  | 19.6  |           | 0.17                | 2.00       | ug/kg             |
| 76-44-8           | Heptachlor           | 18.5  |           | 0.14                | 2.00       | ug/kg             |
| 309-00-2          | Aldrin               | 19.1  |           | 0.14                | 2.00       | ug/kg             |
| 1024-57-3         | Heptachlor epoxide   | 18.9  |           | 0.23                | 2.00       | ug/kg             |
| 959-98-8          | Endosulfan I         | 18.8  |           | 0.17                | 2.00       | ug/kg             |
| 60-57-1           | Dieldrin             | 19.3  |           | 0.17                | 2.00       | ug/kg             |
| 72-55-9           | 4,4-DDE              | 18.7  |           | 0.17                | 2.00       | ug/kg             |
| 72-20-8           | Endrin               | 18.4  |           | 0.17                | 2.00       | ug/kg             |
| 33213-65-9        | Endosulfan II        | 18.3  |           | 0.35                | 2.00       | ug/kg             |
| 72-54-8           | 4,4-DDD              | 19.1  |           | 0.18                | 2.00       | ug/kg             |
| 1031-07-8         | Endosulfan Sulfate   | 17.3  |           | 0.16                | 2.00       | ug/kg             |
| 50-29-3           | 4,4-DDT              | 16.6  |           | 0.17                | 2.00       | ug/kg             |
| 72-43-5           | Methoxychlor         | 15.5  |           | 0.44                | 2.00       | ug/kg             |
| 53494-70-5        | Endrin ketone        | 17.4  |           | 0.23                | 2.00       | ug/kg             |
| 7421-93-4         | Endrin aldehyde      | 18.8  |           | 0.44                | 2.00       | ug/kg             |
| 5103-71-9         | alpha-Chlordane      | 19.2  |           | 0.14                | 2.00       | ug/kg             |
| 5103-74-2         | gamma-Chlordane      | 19.5  |           | 0.18                | 2.00       | ug/kg             |
| 8001-35-2         | Toxaphene            | 6.50  | U         | 6.50                | 39.6       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |                     |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 13.7  |           | 30 (20) - 150 (144) | 69%        | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 18.8  |           | 30 (19) - 150 (148) | 94%        | SPK: 20           |

## Report of Analysis

|                    |                             |                    |                     |
|--------------------|-----------------------------|--------------------|---------------------|
| Client:            | Zuccaro Inc.                | Date Collected:    | 09/05/25            |
| Project:           | 3 Coal Ave., Morristown, NJ | Date Received:     | 09/05/25            |
| Client Sample ID:  | SOIL-PILE-1MS               | SDG No.:           | Q3032               |
| Lab Sample ID:     | Q3032-01MS                  | Matrix:            | SOIL                |
| Analytical Method: | 8081B                       | % Solid:           | 83.1      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 |
| PD090206.D        | 1         | 09/08/25 09:00 | 09/08/25 20:00 | PB169592      |

| 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\PD090825\  
 Data File : PD090206.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Sep 2025 20:00  
 Operator : AR\AJ  
 Sample : Q3032-01MS (Sig #1); Q3023-01MS (Sig #2)  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 SOIL-PILE-1MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 09 01:44:28 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 19 13:16:54 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 | 2.876 | 51169383 | 414.0E6  | 17.435  | 18.777m  |
| 28)                         | SA Decachlor... | 9.067 | 8.063 | 59159287 | 342.7E6  | 13.707  | 13.240   |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.998 | 3.387 | 288.7E6  | 1637.8E6 | 48.106  | 48.256m  |
| 3)                          | MA gamma-BHC... | 4.329 | 3.725 | 280.6E6  | 1494.1E6 | 48.992  | 47.932   |
| 4)                          | MA Heptachlor   | 4.926 | 4.077 | 252.5E6  | 1441.9E6 | 45.023  | 46.229   |
| 5)                          | MB Aldrin       | 5.268 | 4.363 | 257.9E6  | 1447.4E6 | 47.640  | 47.525   |
| 6)                          | B beta-BHC      | 4.515 | 4.021 | 100.9E6  | 822.8E6  | 44.971  | 61.724 # |
| 7)                          | B delta-BHC     | 4.763 | 4.257 | 262.4E6  | 1488.5E6 | 50.673  | 47.181   |
| 8)                          | B Heptachlo...  | 5.687 | 4.866 | 228.7E6  | 1309.7E6 | 46.607  | 47.289   |
| 9)                          | A Endosulfan I  | 6.071 | 5.241 | 217.1E6  | 1153.4E6 | 47.052  | 43.988   |
| 10)                         | B gamma-Chl...  | 5.941 | 5.119 | 229.0E6  | 1440.3E6 | 46.819m | 48.639   |
| 11)                         | B alpha-Chl...  | 6.024 | 5.184 | 233.2E6  | 1365.8E6 | 47.383  | 47.860   |
| 12)                         | B 4,4'-DDE      | 6.193 | 5.368 | 196.7E6  | 1347.8E6 | 44.820  | 46.761   |
| 13)                         | MA Dieldrin     | 6.343 | 5.505 | 227.8E6  | 1412.9E6 | 46.536  | 48.243   |
| 14)                         | MA Endrin       | 6.570 | 5.782 | 186.8E6  | 1223.3E6 | 45.082  | 45.931   |
| 15)                         | B Endosulfa...  | 6.783 | 6.073 | 186.8E6  | 1154.0E6 | 44.277  | 45.622   |
| 16)                         | A 4,4'-DDD      | 6.702 | 5.922 | 165.1E6  | 1071.7E6 | 47.717  | 44.572   |
| 17)                         | MA 4,4'-DDT     | 7.017 | 6.176 | 154.5E6  | 1040.7E6 | 40.551  | 41.513   |
| 18)                         | B Endrin al...  | 6.912 | 6.251 | 134.4E6  | 810.6E6  | 46.875  | 47.074   |
| 19)                         | B Endosulfa...  | 7.146 | 6.475 | 168.8E6  | 1047.0E6 | 43.088  | 42.946   |
| 20)                         | A Methoxychlor  | 7.490 | 6.745 | 73041398 | 498.7E6  | 36.418  | 38.671m  |
| 21)                         | B Endrin ke...  | 7.627 | 6.984 | 180.0E6  | 1082.8E6 | 43.422  | 40.639   |
| 22)                         | Mirex           | 8.108 | 7.177 | 131.2E6  | 806.6E6  | 41.593m | 39.051   |
| -----                       |                 |       |       |          |          |         |          |

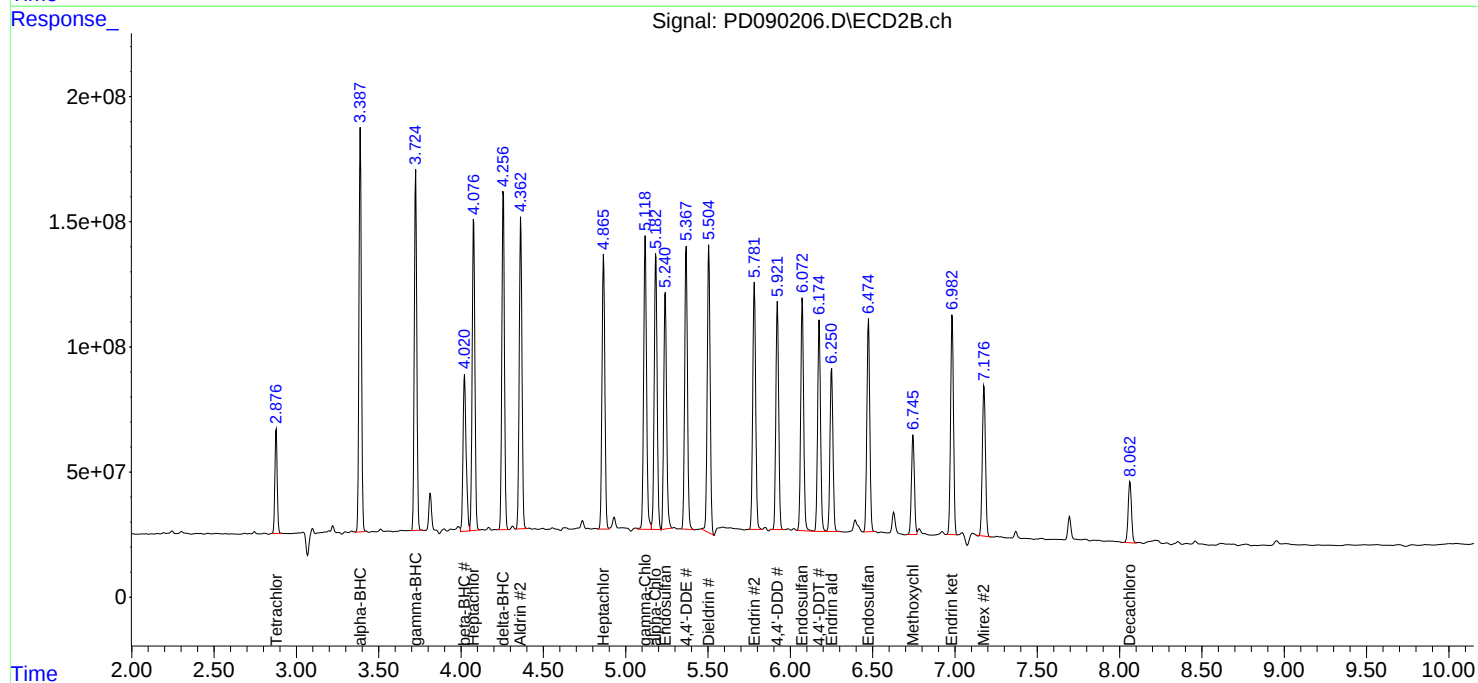
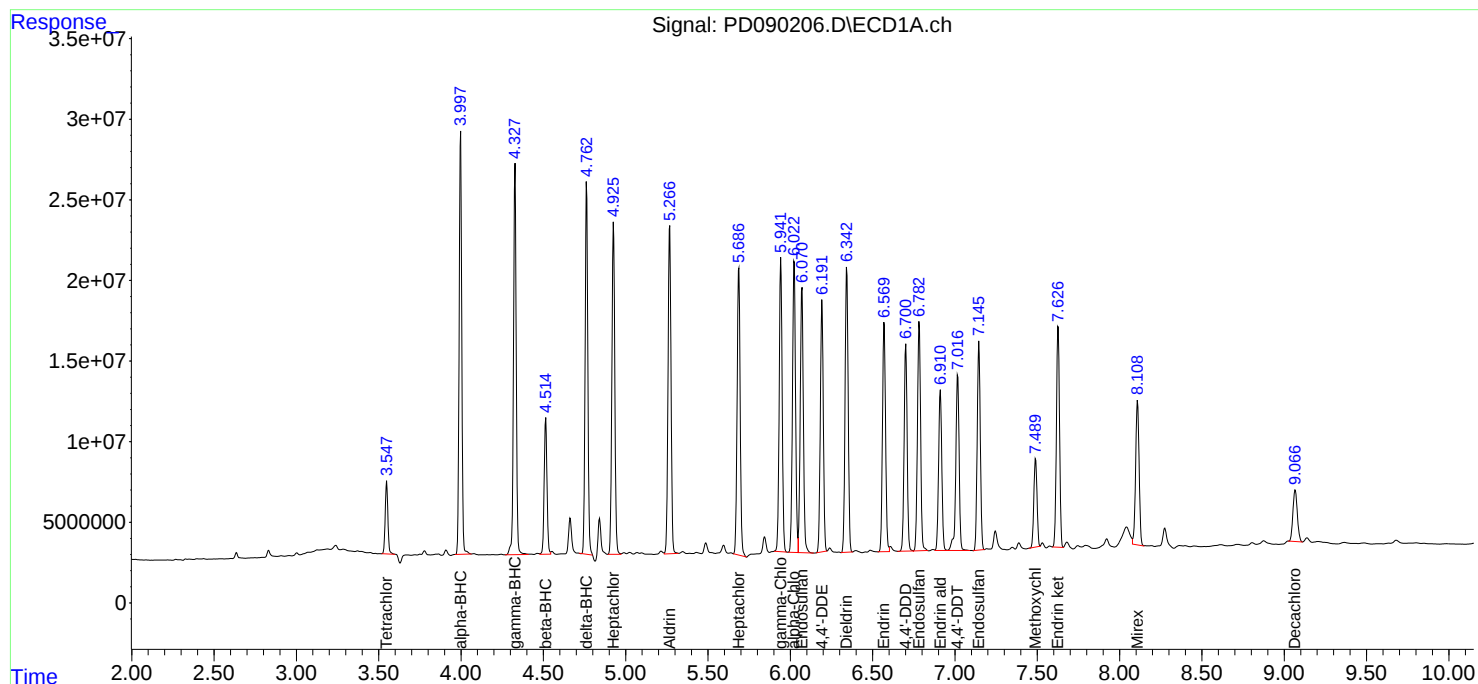
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090825\  
Data File : PD090206.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Sep 2025 20:00  
Operator : AR\AJ  
Sample : Q3032-01MS (Sig #1); Q3023-01MS (Sig #2)  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
SOIL-PILE-1MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 09 01:44:28 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 13:16:54 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:            | Zuccaro Inc.                | Date Collected:    | 09/05/25            |
| Project:           | 3 Coal Ave., Morristown, NJ | Date Received:     | 09/05/25            |
| Client Sample ID:  | SOIL-PILE-1MSD              | SDG No.:           | Q3032               |
| Lab Sample ID:     | Q3032-01MSD                 | Matrix:            | SOIL                |
| Analytical Method: | 8081B                       | % Solid:           | 83.1      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 |
| PD090207.D        | 1         | 09/08/25 09:00 | 09/08/25 20:14 | PB169592      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|---------------------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |                     |            |                   |
| 319-84-6          | alpha-BHC            | 19.3  |           | 0.16                | 2.00       | ug/kg             |
| 319-85-7          | beta-BHC             | 24.7  |           | 0.22                | 2.00       | ug/kg             |
| 319-86-8          | delta-BHC            | 20.6  |           | 0.47                | 2.00       | ug/kg             |
| 58-89-9           | gamma-BHC (Lindane)  | 19.6  |           | 0.17                | 2.00       | ug/kg             |
| 76-44-8           | Heptachlor           | 18.5  |           | 0.14                | 2.00       | ug/kg             |
| 309-00-2          | Aldrin               | 19.0  |           | 0.14                | 2.00       | ug/kg             |
| 1024-57-3         | Heptachlor epoxide   | 19.0  |           | 0.23                | 2.00       | ug/kg             |
| 959-98-8          | Endosulfan I         | 18.7  |           | 0.17                | 2.00       | ug/kg             |
| 60-57-1           | Dieldrin             | 19.2  |           | 0.17                | 2.00       | ug/kg             |
| 72-55-9           | 4,4-DDE              | 18.6  |           | 0.17                | 2.00       | ug/kg             |
| 72-20-8           | Endrin               | 18.2  |           | 0.17                | 2.00       | ug/kg             |
| 33213-65-9        | Endosulfan II        | 18.1  |           | 0.35                | 2.00       | ug/kg             |
| 72-54-8           | 4,4-DDD              | 19.0  |           | 0.18                | 2.00       | ug/kg             |
| 1031-07-8         | Endosulfan Sulfate   | 17.1  |           | 0.16                | 2.00       | ug/kg             |
| 50-29-3           | 4,4-DDT              | 16.5  |           | 0.17                | 2.00       | ug/kg             |
| 72-43-5           | Methoxychlor         | 15.3  |           | 0.45                | 2.00       | ug/kg             |
| 53494-70-5        | Endrin ketone        | 17.3  |           | 0.23                | 2.00       | ug/kg             |
| 7421-93-4         | Endrin aldehyde      | 18.7  |           | 0.45                | 2.00       | ug/kg             |
| 5103-71-9         | alpha-Chlordane      | 19.1  |           | 0.14                | 2.00       | ug/kg             |
| 5103-74-2         | gamma-Chlordane      | 19.6  |           | 0.18                | 2.00       | ug/kg             |
| 8001-35-2         | Toxaphene            | 6.50  | U         | 6.50                | 39.7       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |                     |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 13.4  |           | 30 (20) - 150 (144) | 67%        | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 18.8  |           | 30 (19) - 150 (148) | 94%        | SPK: 20           |

## Report of Analysis

|                    |                             |                    |                     |
|--------------------|-----------------------------|--------------------|---------------------|
| Client:            | Zuccaro Inc.                | Date Collected:    | 09/05/25            |
| Project:           | 3 Coal Ave., Morristown, NJ | Date Received:     | 09/05/25            |
| Client Sample ID:  | SOIL-PILE-1MSD              | SDG No.:           | Q3032               |
| Lab Sample ID:     | Q3032-01MSD                 | Matrix:            | SOIL                |
| Analytical Method: | 8081B                       | % Solid:           | 83.1      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 |
| PD090207.D        | 1         | 09/08/25 09:00 | 09/08/25 20:14 | PB169592      |

| 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\PD090825\  
 Data File : PD090207.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Sep 2025 20:14  
 Operator : AR\AJ  
 Sample : Q3032-01MSD (Sig #1); Q3023-01MSD (Sig #2)  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 SOIL-PILE-1MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 09 01:44:37 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 19 13:16:54 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 | 2.876 | 51336392 | 415.4E6  | 17.492  | 18.837m  |
| 28)                         | SA Decachlor... | 9.067 | 8.063 | 57966209 | 334.8E6  | 13.431  | 12.935   |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.998 | 3.387 | 288.3E6  | 1638.3E6 | 48.039  | 48.274m  |
| 3)                          | MA gamma-BHC... | 4.328 | 3.725 | 280.5E6  | 1490.7E6 | 48.978  | 47.823   |
| 4)                          | MA Heptachlor   | 4.926 | 4.077 | 253.9E6  | 1440.2E6 | 45.273  | 46.173   |
| 5)                          | MB Aldrin       | 5.267 | 4.362 | 255.4E6  | 1443.3E6 | 47.177  | 47.391   |
| 6)                          | B beta-BHC      | 4.514 | 4.021 | 100.8E6  | 821.1E6  | 44.919  | 61.597 # |
| 7)                          | B delta-BHC     | 4.762 | 4.256 | 265.9E6  | 1482.1E6 | 51.354  | 46.976   |
| 8)                          | B Heptachlo...  | 5.687 | 4.866 | 228.6E6  | 1311.5E6 | 46.582  | 47.354   |
| 9)                          | A Endosulfan I  | 6.071 | 5.240 | 215.7E6  | 1145.7E6 | 46.743  | 43.693   |
| 10)                         | B gamma-Chl...  | 5.943 | 5.118 | 224.1E6  | 1446.0E6 | 45.826  | 48.834   |
| 11)                         | B alpha-Chl...  | 6.023 | 5.183 | 231.3E6  | 1361.1E6 | 46.986  | 47.694   |
| 12)                         | B 4,4'-DDE      | 6.192 | 5.368 | 196.2E6  | 1340.9E6 | 44.699  | 46.522   |
| 13)                         | MA Dieldrin     | 6.343 | 5.505 | 226.8E6  | 1399.3E6 | 46.328  | 47.780   |
| 14)                         | MA Endrin       | 6.570 | 5.782 | 186.5E6  | 1208.4E6 | 45.017  | 45.374   |
| 15)                         | B Endosulfa...  | 6.783 | 6.073 | 185.5E6  | 1143.0E6 | 43.951  | 45.187   |
| 16)                         | A 4,4'-DDD      | 6.702 | 5.922 | 163.8E6  | 1061.6E6 | 47.361  | 44.152   |
| 17)                         | MA 4,4'-DDT     | 7.017 | 6.175 | 156.0E6  | 1032.6E6 | 40.951  | 41.189   |
| 18)                         | B Endrin al...  | 6.912 | 6.251 | 133.6E6  | 794.8E6  | 46.580  | 46.154   |
| 19)                         | B Endosulfa...  | 7.146 | 6.475 | 167.5E6  | 1031.3E6 | 42.756  | 42.303   |
| 20)                         | A Methoxychlor  | 7.490 | 6.744 | 72701734 | 493.8E6  | 36.249  | 38.293m  |
| 21)                         | B Endrin ke...  | 7.627 | 6.983 | 179.0E6  | 1060.7E6 | 43.187  | 39.808   |
| 22)                         | Mirex           | 8.108 | 7.177 | 129.9E6  | 787.7E6  | 41.173m | 38.136   |
| -----                       |                 |       |       |          |          |         |          |

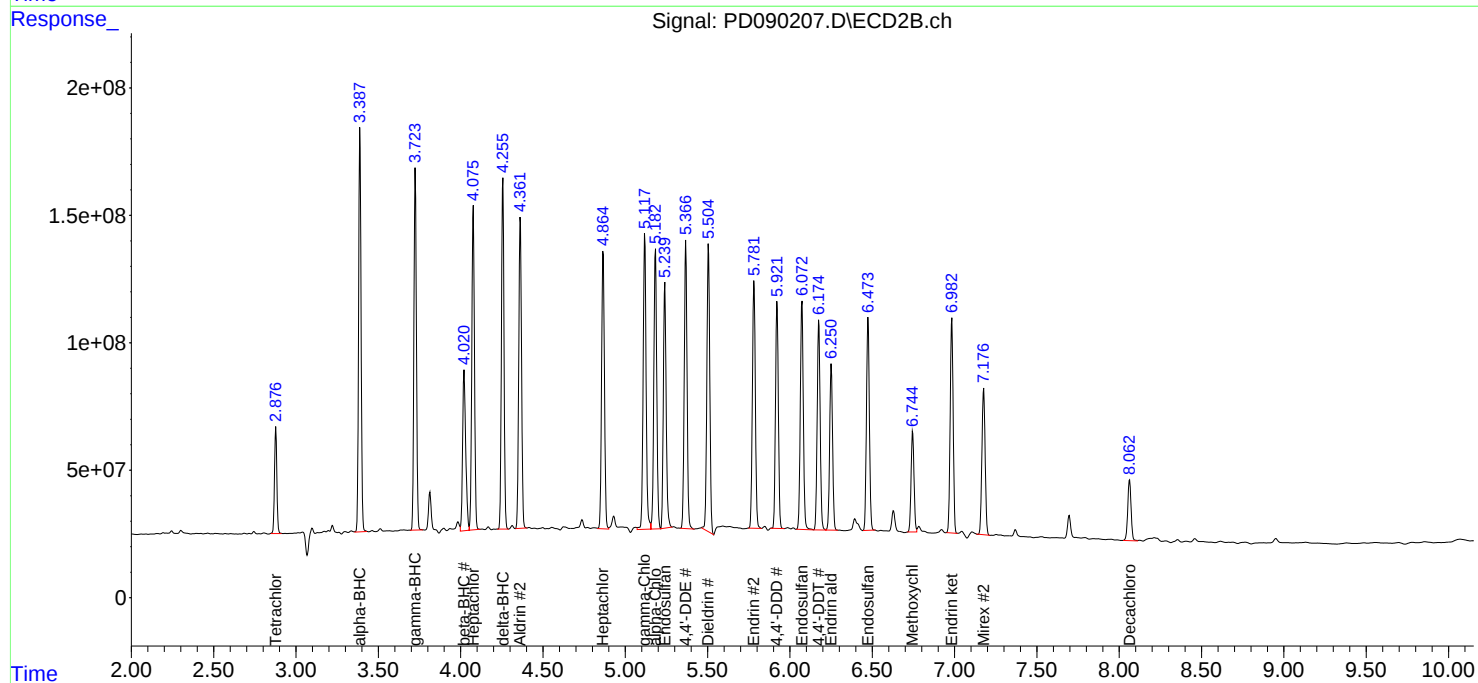
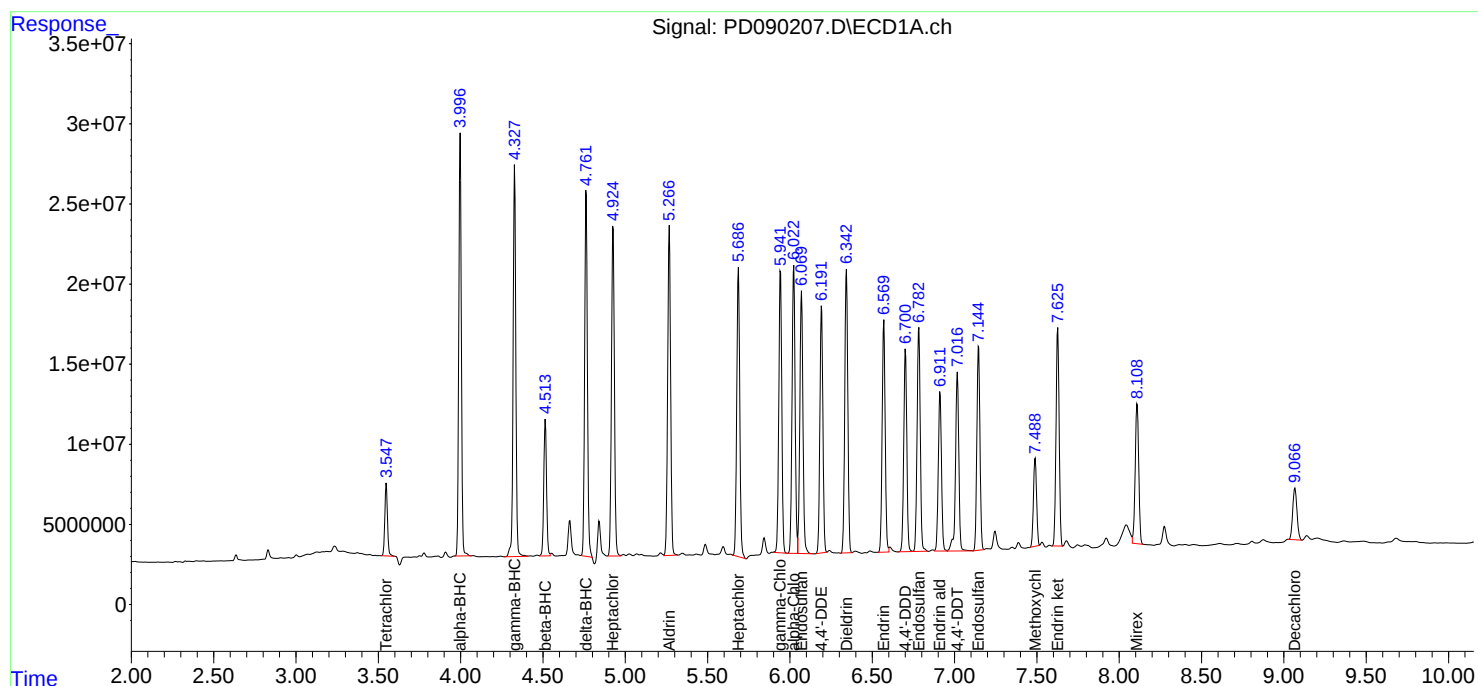
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090825\  
Data File : PD090207.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Sep 2025 20:14  
Operator : AR\AJ  
Sample : Q3032-01MSD (Sig #1); Q3023-01MSD (Sig #2)  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
SOIL-PILE-1MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 09 01:44:37 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 13:16:54 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: | pd081825 | Instrument | ECD_d |
|-----------|----------|------------|-------|

| Sample ID  | File ID    | Parameter               | Review By | Review On            | Supervised By | Supervised On     | Reason                      |
|------------|------------|-------------------------|-----------|----------------------|---------------|-------------------|-----------------------------|
| I.BLK      | PD089961.D | Decachlorobiphenyl #2   | Abdul     | 8/19/2025 9:46:41 AM | mohammad      | 8/20/2025 3:05:23 | Peak Integrated by Software |
| I.BLK      | PD089961.D | Tetrachloro-m-xylene #2 | Abdul     | 8/19/2025 9:46:41 AM | mohammad      | 8/20/2025 3:05:23 | Peak Integrated by Software |
| PSTDICC100 | PD089964.D | gamma-Chlordane #2      | Abdul     | 8/19/2025 9:46:43 AM | mohammad      | 8/20/2025 3:05:23 | Peak Integrated by Software |
| PSTDICC075 | PD089965.D | gamma-Chlordane #2      | Abdul     | 8/19/2025 9:46:47 AM | mohammad      | 8/20/2025 3:05:23 | Peak Integrated by Software |
| PSTDICC005 | PD089968.D | gamma-Chlordane #2      | Abdul     | 8/19/2025 9:46:50 AM | mohammad      | 8/20/2025 3:05:23 | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | pd081925 | Instrument | ECD_d |
|-----------|----------|------------|-------|

| Sample ID  | File ID    | Parameter          | Review By | Review On            | Supervised By | Supervised On     | Reason                      |
|------------|------------|--------------------|-----------|----------------------|---------------|-------------------|-----------------------------|
| PEM        | PD089984.D | Endrin ketone      | Abdul     | 8/21/2025 9:27:07 AM | mohammad      | 8/22/2025 2:04:20 | Peak Integrated by Software |
| PEM        | PD089984.D | Endrin ketone #2   | Abdul     | 8/21/2025 9:27:07 AM | mohammad      | 8/22/2025 2:04:20 | Peak Integrated by Software |
| PEM        | PD089993.D | 4,4"-DDD           | Abdul     | 8/20/2025 8:41:34 AM | mohammad      | 8/22/2025 2:04:20 | Peak Integrated by Software |
| PEM        | PD089993.D | Endrin ketone      | Abdul     | 8/20/2025 8:41:34 AM | mohammad      | 8/22/2025 2:04:20 | Peak Integrated by Software |
| PEM        | PD089993.D | Endrin ketone #2   | Abdul     | 8/20/2025 8:41:34 AM | mohammad      | 8/22/2025 2:04:20 | Peak Integrated by Software |
| PTOXCCC500 | PD089996.D | Toxaphene-5        | Abdul     | 8/20/2025 8:41:37 AM | mohammad      | 8/22/2025 2:04:20 | Peak Integrated by Software |
| PSTDCCC050 | PD090000.D | gamma-Chlordane #2 | Abdul     | 8/20/2025 8:41:10 AM | mohammad      | 8/22/2025 2:04:20 | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | pd090825 | Instrument | ECD_d |
|-----------|----------|------------|-------|

| Sample ID  | File ID    | Parameter               | Review By | Review On           | Supervised By | Supervised On     | Reason                      |
|------------|------------|-------------------------|-----------|---------------------|---------------|-------------------|-----------------------------|
| PEM        | PD090183.D | Endrin ketone           | Abdul     | 9/9/2025 8:52:26 AM | mohammad      | 9/10/2025 1:44:31 | Peak Integrated by Software |
| Q3032-04   | PD090191.D | 4,4"-DDD                | Abdul     | 9/9/2025 8:52:50 AM | mohammad      | 9/10/2025 1:44:31 | Peak Integrated by Software |
| Q3032-04   | PD090191.D | 4,4"-DDE                | Abdul     | 9/9/2025 8:52:50 AM | mohammad      | 9/10/2025 1:44:31 | Peak Integrated by Software |
| Q3032-04   | PD090191.D | 4,4"-DDE #2             | Abdul     | 9/9/2025 8:52:50 AM | mohammad      | 9/10/2025 1:44:31 | Peak Integrated by Software |
| Q3032-04   | PD090191.D | alpha-Chlordane #2      | Abdul     | 9/9/2025 8:52:50 AM | mohammad      | 9/10/2025 1:44:31 | Peak Integrated by Software |
| Q3032-04   | PD090191.D | Endrin                  | Abdul     | 9/9/2025 8:52:50 AM | mohammad      | 9/10/2025 1:44:31 | Peak Integrated by Software |
| Q3032-04   | PD090191.D | Endrin #2               | Abdul     | 9/9/2025 8:52:50 AM | mohammad      | 9/10/2025 1:44:31 | Peak Integrated by Software |
| Q3032-04   | PD090191.D | gamma-Chlordane         | Abdul     | 9/9/2025 8:52:50 AM | mohammad      | 9/10/2025 1:44:31 | Peak Integrated by Software |
| Q3032-04   | PD090191.D | gamma-Chlordane #2      | Abdul     | 9/9/2025 8:52:50 AM | mohammad      | 9/10/2025 1:44:31 | Peak Integrated by Software |
| Q3032-04   | PD090191.D | Tetrachloro-m-xylene    | Abdul     | 9/9/2025 8:52:50 AM | mohammad      | 9/10/2025 1:44:31 | Peak Integrated by Software |
| Q3032-04   | PD090191.D | Tetrachloro-m-xylene #2 | Abdul     | 9/9/2025 8:52:50 AM | mohammad      | 9/10/2025 1:44:31 | Peak Integrated by Software |
| PSTDCCC050 | PD090195.D | delta-BHC               | Abdul     | 9/9/2025 8:52:56 AM | mohammad      | 9/10/2025 1:44:31 | Peak Integrated by Software |
| PSTDCCC050 | PD090195.D | Endrin ketone           | Abdul     | 9/9/2025 8:52:56 AM | mohammad      | 9/10/2025 1:44:31 | Peak Integrated by Software |



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

## Manual Integration Report

Sequence:

pd090825

Instrument

ECD\_d

Sample ID

File ID

Parameter

Review By

Review On

Supervised  
By

Supervised On

Reason

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | PD090925 | Instrument | ECD_d |
|-----------|----------|------------|-------|

| Sample ID  | File ID    | Parameter               | Review By | Review On            | Supervised By | Supervised On     | Reason                      |
|------------|------------|-------------------------|-----------|----------------------|---------------|-------------------|-----------------------------|
| PSTDCCC050 | PD090213.D | 4,4"-DDT                | Abdul     | 9/10/2025 8:38:20 AM | mohammad      | 9/11/2025 1:29:42 | Peak Integrated by Software |
| PSTDCCC050 | PD090213.D | Aldrin                  | Abdul     | 9/10/2025 8:38:20 AM | mohammad      | 9/11/2025 1:29:42 | Peak Integrated by Software |
| PSTDCCC050 | PD090213.D | Dieldrin                | Abdul     | 9/10/2025 8:38:20 AM | mohammad      | 9/11/2025 1:29:42 | Peak Integrated by Software |
| PSTDCCC050 | PD090213.D | Endosulfan Sulfate      | Abdul     | 9/10/2025 8:38:20 AM | mohammad      | 9/11/2025 1:29:42 | Peak Integrated by Software |
| PSTDCCC050 | PD090213.D | Endrin                  | Abdul     | 9/10/2025 8:38:20 AM | mohammad      | 9/11/2025 1:29:42 | Peak Integrated by Software |
| PSTDCCC050 | PD090213.D | gamma-BHC (Lindane)     | Abdul     | 9/10/2025 8:38:20 AM | mohammad      | 9/11/2025 1:29:42 | Peak Integrated by Software |
| PSTDCCC050 | PD090213.D | Tetrachloro-m-xylene    | Abdul     | 9/10/2025 8:38:20 AM | mohammad      | 9/11/2025 1:29:42 | Peak Integrated by Software |
| PSTDCCC050 | PD090213.D | Tetrachloro-m-xylene #2 | Abdul     | 9/10/2025 8:38:20 AM | mohammad      | 9/11/2025 1:29:42 | Peak Integrated by Software |
| PB169592BS | PD090215.D | 4,4"-DDT                | Abdul     | 9/10/2025 8:38:28 AM | mohammad      | 9/11/2025 1:29:42 | Peak Integrated by Software |
| PB169592BS | PD090215.D | Aldrin                  | Abdul     | 9/10/2025 8:38:28 AM | mohammad      | 9/11/2025 1:29:42 | Peak Integrated by Software |
| PB169592BS | PD090215.D | Dieldrin                | Abdul     | 9/10/2025 8:38:28 AM | mohammad      | 9/11/2025 1:29:42 | Peak Integrated by Software |
| PB169592BS | PD090215.D | Endosulfan Sulfate      | Abdul     | 9/10/2025 8:38:28 AM | mohammad      | 9/11/2025 1:29:42 | Peak Integrated by Software |
| PB169592BS | PD090215.D | Endrin                  | Abdul     | 9/10/2025 8:38:28 AM | mohammad      | 9/11/2025 1:29:42 | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | PD090925 | Instrument | ECD_d |
|-----------|----------|------------|-------|

| Sample ID  | File ID    | Parameter            | Review By | Review On            | Supervised By | Supervised On     | Reason                      |
|------------|------------|----------------------|-----------|----------------------|---------------|-------------------|-----------------------------|
| PB169592BS | PD090215.D | Endrin aldehyde      | Abdul     | 9/10/2025 8:38:28 AM | mohammad      | 9/11/2025 1:29:42 | Peak Integrated by Software |
| PB169592BS | PD090215.D | gamma-BHC (Lindane)  | Abdul     | 9/10/2025 8:38:28 AM | mohammad      | 9/11/2025 1:29:42 | Peak Integrated by Software |
| I.BLK      | PD090216.D | Tetrachloro-m-xylene | Abdul     | 9/10/2025 8:38:30 AM | mohammad      | 9/11/2025 1:29:42 | Peak Integrated by Software |
| PSTDCCC050 | PD090217.D | 4,4"-DDD             | Abdul     | 9/10/2025 8:38:35 AM | mohammad      | 9/11/2025 1:29:42 | Peak Integrated by Software |
| PSTDCCC050 | PD090217.D | 4,4"-DDT             | Abdul     | 9/10/2025 8:38:35 AM | mohammad      | 9/11/2025 1:29:42 | Peak Integrated by Software |
| PSTDCCC050 | PD090217.D | Aldrin               | Abdul     | 9/10/2025 8:38:35 AM | mohammad      | 9/11/2025 1:29:42 | Peak Integrated by Software |
| PSTDCCC050 | PD090217.D | Dieldrin             | Abdul     | 9/10/2025 8:38:35 AM | mohammad      | 9/11/2025 1:29:42 | Peak Integrated by Software |
| PSTDCCC050 | PD090217.D | Endosulfan II        | Abdul     | 9/10/2025 8:38:35 AM | mohammad      | 9/11/2025 1:29:42 | Peak Integrated by Software |
| PSTDCCC050 | PD090217.D | Endosulfan Sulfate   | Abdul     | 9/10/2025 8:38:35 AM | mohammad      | 9/11/2025 1:29:42 | Peak Integrated by Software |
| PSTDCCC050 | PD090217.D | Endrin               | Abdul     | 9/10/2025 8:38:35 AM | mohammad      | 9/11/2025 1:29:42 | Peak Integrated by Software |
| PSTDCCC050 | PD090217.D | gamma-BHC (Lindane)  | Abdul     | 9/10/2025 8:38:35 AM | mohammad      | 9/11/2025 1:29:42 | Peak Integrated by Software |

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD081825**

|                          |                                                                                                                                         |                   |                                    |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------|
| Review By                | Abdul                                                                                                                                   | Review On         | 8/19/2025 9:47:27 AM               |
| Supervise By             | mohammad                                                                                                                                | Supervise On      | 8/20/2025 3:05:23 AM               |
| SubDirectory             | PD081825                                                                                                                                | HP Acquire Method | HP Processing Method pd081825 8081 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                        |                   |                                    |
| Tune/Reschk              | PP24890,PP24651                                                                                                                         |                   |                                    |
| Initial Calibration Stds | PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764 |                   |                                    |
| CCC                      | PP24751,PP24756,PP24761                                                                                                                 |                   |                                    |
| Internal Standard/PEM    |                                                                                                                                         |                   |                                    |
| ICV/I.BLK                | PP24754,PP24759,PP24761                                                                                                                 |                   |                                    |
| Surrogate Standard       |                                                                                                                                         |                   |                                    |
| MS/MSD Standard          |                                                                                                                                         |                   |                                    |
| LCS Standard             |                                                                                                                                         |                   |                                    |

| Sr# | Sampleld      | Data File Name | Date-Time         | Operator | Status |
|-----|---------------|----------------|-------------------|----------|--------|
| 1   | HEXANE        | PD089960.D     | 18 Aug 2025 10:30 | AR\AJ    | Ok     |
| 2   | I.BLK         | PD089961.D     | 18 Aug 2025 10:44 | AR\AJ    | Ok,M   |
| 3   | PEM           | PD089962.D     | 18 Aug 2025 10:57 | AR\AJ    | Ok     |
| 4   | RESCHK        | PD089963.D     | 18 Aug 2025 11:11 | AR\AJ    | Ok     |
| 5   | PSTDICC100    | PD089964.D     | 18 Aug 2025 11:25 | AR\AJ    | Ok,M   |
| 6   | PSTDICC075    | PD089965.D     | 18 Aug 2025 11:39 | AR\AJ    | Ok,M   |
| 7   | PSTDICC050    | PD089966.D     | 18 Aug 2025 11:53 | AR\AJ    | Ok     |
| 8   | PSTDICC025    | PD089967.D     | 18 Aug 2025 12:06 | AR\AJ    | Ok     |
| 9   | PSTDICC005    | PD089968.D     | 18 Aug 2025 12:20 | AR\AJ    | Ok,M   |
| 10  | PCHLORICC1000 | PD089969.D     | 18 Aug 2025 13:50 | AR\AJ    | Not Ok |
| 11  | PCHLORICC750  | PD089970.D     | 18 Aug 2025 14:06 | AR\AJ    | Not Ok |
| 12  | PCHLORICC500  | PD089971.D     | 18 Aug 2025 14:19 | AR\AJ    | Not Ok |
| 13  | PCHLORICC250  | PD089972.D     | 18 Aug 2025 14:33 | AR\AJ    | Not Ok |
| 14  | PCHLORICC050  | PD089973.D     | 18 Aug 2025 14:47 | AR\AJ    | Not Ok |
| 15  | PTOXICC1000   | PD089974.D     | 18 Aug 2025 15:00 | AR\AJ    | Ok     |
| 16  | PTOXICC750    | PD089975.D     | 18 Aug 2025 15:17 | AR\AJ    | Ok     |
| 17  | PTOXICC500    | PD089976.D     | 18 Aug 2025 15:31 | AR\AJ    | Ok     |
| 18  | PTOXICC250    | PD089977.D     | 18 Aug 2025 15:44 | AR\AJ    | Ok     |
| 19  | PTOXICC100    | PD089978.D     | 18 Aug 2025 15:58 | AR\AJ    | Ok     |
| 20  | PSTDICV050    | PD089979.D     | 18 Aug 2025 16:12 | AR\AJ    | Ok     |
| 21  | PCHLORICV500  | PD089980.D     | 18 Aug 2025 16:25 | AR\AJ    | Not Ok |

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD081825**

| Review By                | Abdul                                                                                                                                   | Review On         | 8/19/2025 9:47:27 AM               |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------|
| Supervise By             | mohammad                                                                                                                                | Supervise On      | 8/20/2025 3:05:23 AM               |
| SubDirectory             | PD081825                                                                                                                                | HP Acquire Method | HP Processing Method pd081825 8081 |
| STD. NAME                | STD REF.#                                                                                                                               |                   |                                    |
| Tune/Reschk              | PP24890,PP24651                                                                                                                         |                   |                                    |
| Initial Calibration Stds | PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764 |                   |                                    |
| CCC                      | PP24751,PP24756,PP24761                                                                                                                 |                   |                                    |
| Internal Standard/PEM    |                                                                                                                                         |                   |                                    |
| ICV/I.BLK                | PP24754,PP24759,PP24761                                                                                                                 |                   |                                    |
| Surrogate Standard       |                                                                                                                                         |                   |                                    |
| MS/MSD Standard          |                                                                                                                                         |                   |                                    |
| LCS Standard             |                                                                                                                                         |                   |                                    |

|    |            |            |                   |       |    |
|----|------------|------------|-------------------|-------|----|
| 22 | PTOXICV500 | PD089981.D | 18 Aug 2025 16:39 | AR\AJ | Ok |
|----|------------|------------|-------------------|-------|----|

M : Manual Integration

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD081925**

|                          |                                                                                                                                         |                   |                                    |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------|
| Review By                | Abdul                                                                                                                                   | Review On         | 8/20/2025 8:42:02 AM               |
| Supervise By             | mohammad                                                                                                                                | Supervise On      | 8/22/2025 2:04:20 AM               |
| SubDirectory             | PD081925                                                                                                                                | HP Acquire Method | HP Processing Method pd081825 8081 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                        |                   |                                    |
| Tune/Reschk              | PP24433,PP24651                                                                                                                         |                   |                                    |
| Initial Calibration Stds | PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764 |                   |                                    |
| CCC                      | PP24751,PP24756,PP24761                                                                                                                 |                   |                                    |
| Internal Standard/PEM    |                                                                                                                                         |                   |                                    |
| ICV/I.BLK                | PP24754,PP24759,PP24761                                                                                                                 |                   |                                    |
| Surrogate Standard       |                                                                                                                                         |                   |                                    |
| MS/MSD Standard          |                                                                                                                                         |                   |                                    |
| LCS Standard             |                                                                                                                                         |                   |                                    |

| Sr# | Sampleld      | Data File Name | Date-Time         | Operator | Status |
|-----|---------------|----------------|-------------------|----------|--------|
| 1   | HEXANE        | PD089982.D     | 19 Aug 2025 09:36 | AR\AJ    | Ok     |
| 2   | I.BLK         | PD089983.D     | 19 Aug 2025 09:50 | AR\AJ    | Ok     |
| 3   | PEM           | PD089984.D     | 19 Aug 2025 10:03 | AR\AJ    | Ok,M   |
| 4   | RESCHK        | PD089985.D     | 19 Aug 2025 10:17 | AR\AJ    | Ok     |
| 5   | PCHLORICC1000 | PD089986.D     | 19 Aug 2025 10:30 | AR\AJ    | Ok     |
| 6   | PCHLORICC750  | PD089987.D     | 19 Aug 2025 11:10 | AR\AJ    | Ok     |
| 7   | PCHLORICC500  | PD089988.D     | 19 Aug 2025 11:24 | AR\AJ    | Ok     |
| 8   | PCHLORICC250  | PD089989.D     | 19 Aug 2025 11:37 | AR\AJ    | Ok     |
| 9   | PCHLORICC050  | PD089990.D     | 19 Aug 2025 11:51 | AR\AJ    | Ok,M   |
| 10  | PCHLORICV500  | PD089991.D     | 19 Aug 2025 12:28 | AR\AJ    | Ok     |
| 11  | I.BLK         | PD089992.D     | 19 Aug 2025 13:29 | AR\AJ    | Ok     |
| 12  | PEM           | PD089993.D     | 19 Aug 2025 13:43 | AR\AJ    | Ok,M   |
| 13  | PSTDCCC050    | PD089994.D     | 19 Aug 2025 13:56 | AR\AJ    | Ok     |
| 14  | PCHLORCCC500  | PD089995.D     | 19 Aug 2025 14:48 | AR\AJ    | Ok     |
| 15  | PTOXCCC500    | PD089996.D     | 19 Aug 2025 15:04 | AR\AJ    | Ok,M   |
| 16  | PB169206BS    | PD089997.D     | 19 Aug 2025 16:02 | AR\AJ    | Ok     |
| 17  | PB169206BS    | PD089998.D     | 19 Aug 2025 16:16 | AR\AJ    | Ok     |
| 18  | I.BLK         | PD089999.D     | 19 Aug 2025 16:38 | AR\AJ    | Ok     |
| 19  | PSTDCCC050    | PD090000.D     | 19 Aug 2025 16:52 | AR\AJ    | Ok,M   |
| 20  | PCHLORCCC500  | PD090001.D     | 19 Aug 2025 17:05 | AR\AJ    | Ok     |
| 21  | PTOXCCC500    | PD090002.D     | 19 Aug 2025 17:19 | AR\AJ    | Ok     |

M : Manual Integration

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD090825**

|                          |                                                                                                                                         |                   |                                    |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------|
| Review By                | Abdul                                                                                                                                   | Review On         | 9/9/2025 8:53:53 AM                |
| Supervise By             | mohammad                                                                                                                                | Supervise On      | 9/10/2025 1:44:31 AM               |
| SubDirectory             | PD090825                                                                                                                                | HP Acquire Method | HP Processing Method pd081825 8081 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                        |                   |                                    |
| Tune/Reschk              | PP24890,PP24651                                                                                                                         |                   |                                    |
| Initial Calibration Stds | PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764 |                   |                                    |
| CCC                      | PP24751,PP24756,PP24761                                                                                                                 |                   |                                    |
| Internal Standard/PEM    |                                                                                                                                         |                   |                                    |
| ICV/I.BLK                | PP24754,PP24759,PP24761                                                                                                                 |                   |                                    |
| Surrogate Standard       |                                                                                                                                         |                   |                                    |
| MS/MSD Standard          |                                                                                                                                         |                   |                                    |
| LCS Standard             |                                                                                                                                         |                   |                                    |

| Sr# | Sampleld    | Data File Name | Date-Time         | Operator | Status   |
|-----|-------------|----------------|-------------------|----------|----------|
| 1   | HEXANE      | PD090181.D     | 08 Sep 2025 09:29 | AR\AJ    | Ok       |
| 2   | I.BLK       | PD090182.D     | 08 Sep 2025 09:42 | AR\AJ    | Ok       |
| 3   | PEM         | PD090183.D     | 08 Sep 2025 09:56 | AR\AJ    | Ok,M     |
| 4   | PSTDCCC050  | PD090184.D     | 08 Sep 2025 10:26 | AR\AJ    | Ok       |
| 5   | Q3023-01    | PD090185.D     | 08 Sep 2025 13:49 | AR\AJ    | Ok,M     |
| 6   | Q3023-04    | PD090186.D     | 08 Sep 2025 14:03 | AR\AJ    | Ok,M     |
| 7   | Q3023-04MS  | PD090187.D     | 08 Sep 2025 14:16 | AR\AJ    | Ok,M     |
| 8   | Q3023-04MSD | PD090188.D     | 08 Sep 2025 14:30 | AR\AJ    | Ok,M     |
| 9   | Q3027-01    | PD090189.D     | 08 Sep 2025 14:44 | AR\AJ    | Ok,M     |
| 10  | Q3031-01    | PD090190.D     | 08 Sep 2025 14:57 | AR\AJ    | Ok,M     |
| 11  | Q3032-04    | PD090191.D     | 08 Sep 2025 15:11 | AR\AJ    | Ok,M     |
| 12  | PB169592BL  | PD090192.D     | 08 Sep 2025 15:25 | AR\AJ    | Ok       |
| 13  | PB169592BS  | PD090193.D     | 08 Sep 2025 15:38 | AR\AJ    | Not Ok   |
| 14  | I.BLK       | PD090194.D     | 08 Sep 2025 15:52 | AR\AJ    | Ok       |
| 15  | PSTDCCC050  | PD090195.D     | 08 Sep 2025 16:26 | AR\AJ    | Ok,M     |
| 16  | PB169601BL  | PD090196.D     | 08 Sep 2025 16:40 | AR\AJ    | Ok       |
| 17  | Q3015-09    | PD090197.D     | 08 Sep 2025 16:54 | AR\AJ    | Dilution |
| 18  | Q3015-09DL  | PD090198.D     | 08 Sep 2025 17:46 | AR\AJ    | Dilution |
| 19  | Q3015-09DL2 | PD090199.D     | 08 Sep 2025 18:00 | AR\AJ    | Ok,M     |
| 20  | PB169601BS  | PD090200.D     | 08 Sep 2025 18:16 | AR\AJ    | Ok,M     |
| 21  | PB169601BSD | PD090201.D     | 08 Sep 2025 18:29 | AR\AJ    | Ok,M     |

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QCBatch ID # PD090825**

| Review By                | Abdul                                                                                                                                   | Review On         | 9/9/2025 8:53:53 AM                |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------|
| Supervise By             | mohammad                                                                                                                                | Supervise On      | 9/10/2025 1:44:31 AM               |
| SubDirectory             | PD090825                                                                                                                                | HP Acquire Method | HP Processing Method pd081825 8081 |
| STD. NAME                | STD REF.#                                                                                                                               |                   |                                    |
| Tune/Reschk              | PP24890,PP24651                                                                                                                         |                   |                                    |
| Initial Calibration Stds | PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764 |                   |                                    |
| CCC                      | PP24751,PP24756,PP24761                                                                                                                 |                   |                                    |
| Internal Standard/PEM    |                                                                                                                                         |                   |                                    |
| ICV/I.BLK                | PP24754,PP24759,PP24761                                                                                                                 |                   |                                    |
| Surrogate Standard       |                                                                                                                                         |                   |                                    |
| MS/MSD Standard          |                                                                                                                                         |                   |                                    |
| LCS Standard             |                                                                                                                                         |                   |                                    |

|    |             |            |                   |       |       |
|----|-------------|------------|-------------------|-------|-------|
| 22 | I.BLK       | PD090202.D | 08 Sep 2025 18:43 | AR\AJ | Ok    |
| 23 | PSTDCCC050  | PD090203.D | 08 Sep 2025 18:59 | AR\AJ | Ok    |
| 24 | Q3022-01    | PD090204.D | 08 Sep 2025 19:33 | AR\AJ | ReRun |
| 25 | Q3032-01    | PD090205.D | 08 Sep 2025 19:47 | AR\AJ | Ok,NR |
| 26 | Q3032-01MS  | PD090206.D | 08 Sep 2025 20:00 | AR\AJ | Ok,NR |
| 27 | Q3032-01MSD | PD090207.D | 08 Sep 2025 20:14 | AR\AJ | Ok,NR |
| 28 | I.BLK       | PD090208.D | 08 Sep 2025 20:28 | AR\AJ | Ok    |
| 29 | PSTDCCC050  | PD090209.D | 08 Sep 2025 20:41 | AR\AJ | Ok    |

M : Manual Integration

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD090925**

|                          |                                                                                                                                         |                   |                                    |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------|
| Review By                | Abdul                                                                                                                                   | Review On         | 9/10/2025 8:38:59 AM               |
| Supervise By             | mohammad                                                                                                                                | Supervise On      | 9/11/2025 1:29:42 AM               |
| SubDirectory             | PD090925                                                                                                                                | HP Acquire Method | HP Processing Method pd081825 8081 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                        |                   |                                    |
| Tune/Reschk              | PP24890,PP24651                                                                                                                         |                   |                                    |
| Initial Calibration Stds | PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,PP24763,PP24764 |                   |                                    |
| CCC                      | PP24751,PP24756,PP24761                                                                                                                 |                   |                                    |
| Internal Standard/PEM    |                                                                                                                                         |                   |                                    |
| ICV/I.BLK                | PP24754,PP24759,PP24761                                                                                                                 |                   |                                    |
| Surrogate Standard       |                                                                                                                                         |                   |                                    |
| MS/MSD Standard          |                                                                                                                                         |                   |                                    |
| LCS Standard             |                                                                                                                                         |                   |                                    |

| Sr# | SampleId   | Data File Name | Date-Time         | Operator | Status   |
|-----|------------|----------------|-------------------|----------|----------|
| 1   | HEXANE     | PD090210.D     | 09 Sep 2025 10:24 | AR\AJ    | Ok       |
| 2   | I.BLK      | PD090211.D     | 09 Sep 2025 10:38 | AR\AJ    | Ok       |
| 3   | PEM        | PD090212.D     | 09 Sep 2025 10:51 | AR\AJ    | Ok       |
| 4   | PSTDCCC050 | PD090213.D     | 09 Sep 2025 11:05 | AR\AJ    | Ok,M     |
| 5   | Q3022-01RE | PD090214.D     | 09 Sep 2025 11:53 | AR\AJ    | Confirms |
| 6   | PB169592BS | PD090215.D     | 09 Sep 2025 14:52 | AR\AJ    | Ok,M     |
| 7   | I.BLK      | PD090216.D     | 09 Sep 2025 16:21 | AR\AJ    | Ok,M     |
| 8   | PSTDCCC050 | PD090217.D     | 09 Sep 2025 17:11 | AR\AJ    | Ok,M     |

M : Manual Integration

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD081825**

|              |          |                   |                                    |
|--------------|----------|-------------------|------------------------------------|
| Review By    | Abdul    | Review On         | 8/19/2025 9:47:27 AM               |
| Supervise By | mohammad | Supervise On      | 8/20/2025 3:05:23 AM               |
| SubDirectory | PD081825 | HP Acquire Method | HP Processing Method pd081825 8081 |

| STD. NAME                | STD REF.#                                                                                                                                   |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Tune/Reschk              | PP24890,PP24651                                                                                                                             |
| Initial Calibration Stds | PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,P<br>P24763,PP24764 |
| CCC                      | PP24751,PP24756,PP24761                                                                                                                     |
| Internal Standard/PEM    |                                                                                                                                             |
| ICV/I.BLK                | PP24754,PP24759,PP24761                                                                                                                     |
| Surrogate Standard       |                                                                                                                                             |
| MS/MSD Standard          |                                                                                                                                             |
| LCS Standard             |                                                                                                                                             |

| Sr# | SampleId      | ClientID      | Data File Name | Date-Time         | Comment  | Operator | Status |
|-----|---------------|---------------|----------------|-------------------|----------|----------|--------|
| 1   | HEXANE        | HEXANE        | PD089960.D     | 18 Aug 2025 10:30 |          | AR\AJ    | Ok     |
| 2   | I.BLK         | I.BLK         | PD089961.D     | 18 Aug 2025 10:44 |          | AR\AJ    | Ok,M   |
| 3   | PEM           | PEM           | PD089962.D     | 18 Aug 2025 10:57 |          | AR\AJ    | Ok     |
| 4   | RESCHK        | RESCHK        | PD089963.D     | 18 Aug 2025 11:11 |          | AR\AJ    | Ok     |
| 5   | PSTDICC100    | PSTDICC100    | PD089964.D     | 18 Aug 2025 11:25 |          | AR\AJ    | Ok,M   |
| 6   | PSTDICC075    | PSTDICC075    | PD089965.D     | 18 Aug 2025 11:39 |          | AR\AJ    | Ok,M   |
| 7   | PSTDICC050    | PSTDICC050    | PD089966.D     | 18 Aug 2025 11:53 |          | AR\AJ    | Ok     |
| 8   | PSTDICC025    | PSTDICC025    | PD089967.D     | 18 Aug 2025 12:06 |          | AR\AJ    | Ok     |
| 9   | PSTDICC005    | PSTDICC005    | PD089968.D     | 18 Aug 2025 12:20 |          | AR\AJ    | Ok,M   |
| 10  | PCHLORICC1000 | PCHLORICC1000 | PD089969.D     | 18 Aug 2025 13:50 | DCB high | AR\AJ    | Not Ok |
| 11  | PCHLORICC750  | PCHLORICC750  | PD089970.D     | 18 Aug 2025 14:06 | DCB high | AR\AJ    | Not Ok |
| 12  | PCHLORICC500  | PCHLORICC500  | PD089971.D     | 18 Aug 2025 14:19 | Not used | AR\AJ    | Not Ok |
| 13  | PCHLORICC250  | PCHLORICC250  | PD089972.D     | 18 Aug 2025 14:33 | DCB high | AR\AJ    | Not Ok |
| 14  | PCHLORICC050  | PCHLORICC050  | PD089973.D     | 18 Aug 2025 14:47 | DCB high | AR\AJ    | Not Ok |
| 15  | PTOXICC1000   | PTOXICC1000   | PD089974.D     | 18 Aug 2025 15:00 |          | AR\AJ    | Ok     |
| 16  | PTOXICC750    | PTOXICC750    | PD089975.D     | 18 Aug 2025 15:17 |          | AR\AJ    | Ok     |
| 17  | PTOXICC500    | PTOXICC500    | PD089976.D     | 18 Aug 2025 15:31 |          | AR\AJ    | Ok     |
| 18  | PTOXICC250    | PTOXICC250    | PD089977.D     | 18 Aug 2025 15:44 |          | AR\AJ    | Ok     |

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD081825**

| Review By                | Abdul                                                                                                                                       | Review On         | 8/19/2025 9:47:27 AM               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------|
| Supervise By             | mohammad                                                                                                                                    | Supervise On      | 8/20/2025 3:05:23 AM               |
| SubDirectory             | PD081825                                                                                                                                    | HP Acquire Method | HP Processing Method pd081825 8081 |
| STD. NAME                | STD REF.#                                                                                                                                   |                   |                                    |
| Tune/Reschk              | PP24890,PP24651                                                                                                                             |                   |                                    |
| Initial Calibration Stds | PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,P<br>P24763,PP24764 |                   |                                    |
| CCC                      | PP24751,PP24756,PP24761                                                                                                                     |                   |                                    |
| Internal Standard/PEM    |                                                                                                                                             |                   |                                    |
| ICV/I.BLK                | PP24754,PP24759,PP24761                                                                                                                     |                   |                                    |
| Surrogate Standard       |                                                                                                                                             |                   |                                    |
| MS/MSD Standard          |                                                                                                                                             |                   |                                    |
| LCS Standard             |                                                                                                                                             |                   |                                    |

|    |              |                  |            |                   |          |       |        |
|----|--------------|------------------|------------|-------------------|----------|-------|--------|
| 19 | PTOXICC100   | PTOXICC100       | PD089978.D | 18 Aug 2025 15:58 |          | AR\AJ | Ok     |
| 20 | PSTDICV050   | ICVPD081825      | PD089979.D | 18 Aug 2025 16:12 |          | AR\AJ | Ok     |
| 21 | PCHLORICV500 | ICVPD081825CHLOR | PD089980.D | 18 Aug 2025 16:25 | Not used | AR\AJ | Not Ok |
| 22 | PTOXICV500   | ICVPD081825TOX   | PD089981.D | 18 Aug 2025 16:39 |          | AR\AJ | Ok     |

M : Manual Integration

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD081925**

|              |          |                   |                                    |
|--------------|----------|-------------------|------------------------------------|
| Review By    | Abdul    | Review On         | 8/20/2025 8:42:02 AM               |
| Supervise By | mohammad | Supervise On      | 8/22/2025 2:04:20 AM               |
| SubDirectory | PD081925 | HP Acquire Method | HP Processing Method pd081825 8081 |

| STD. NAME                | STD REF.#                                                                                                                                   |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Tune/Reschk              | PP24433,PP24651                                                                                                                             |
| Initial Calibration Stds | PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,P<br>P24763,PP24764 |
| CCC                      | PP24751,PP24756,PP24761                                                                                                                     |
| Internal Standard/PEM    |                                                                                                                                             |
| ICV/I.BLK                | PP24754,PP24759,PP24761                                                                                                                     |
| Surrogate Standard       |                                                                                                                                             |
| MS/MSD Standard          |                                                                                                                                             |
| LCS Standard             |                                                                                                                                             |

| Sr# | Sampleld      | ClientID         | Data File Name | Date-Time         | Comment  | Operator | Status |
|-----|---------------|------------------|----------------|-------------------|----------|----------|--------|
| 1   | HEXANE        | HEXANE           | PD089982.D     | 19 Aug 2025 09:36 |          | AR\AJ    | Ok     |
| 2   | I.BLK         | I.BLK            | PD089983.D     | 19 Aug 2025 09:50 |          | AR\AJ    | Ok     |
| 3   | PEM           | PEM              | PD089984.D     | 19 Aug 2025 10:03 |          | AR\AJ    | Ok,M   |
| 4   | RESCHK        | RESCHK           | PD089985.D     | 19 Aug 2025 10:17 |          | AR\AJ    | Ok     |
| 5   | PCHLORICC1000 | PCHLORICC1000    | PD089986.D     | 19 Aug 2025 10:30 |          | AR\AJ    | Ok     |
| 6   | PCHLORICC750  | PCHLORICC750     | PD089987.D     | 19 Aug 2025 11:10 |          | AR\AJ    | Ok     |
| 7   | PCHLORICC500  | PCHLORICC500     | PD089988.D     | 19 Aug 2025 11:24 |          | AR\AJ    | Ok     |
| 8   | PCHLORICC250  | PCHLORICC250     | PD089989.D     | 19 Aug 2025 11:37 |          | AR\AJ    | Ok     |
| 9   | PCHLORICC050  | PCHLORICC050     | PD089990.D     | 19 Aug 2025 11:51 |          | AR\AJ    | Ok,M   |
| 10  | PCHLORICV500  | ICVPD081825CHLOR | PD089991.D     | 19 Aug 2025 12:28 |          | AR\AJ    | Ok     |
| 11  | I.BLK         | I.BLK            | PD089992.D     | 19 Aug 2025 13:29 |          | AR\AJ    | Ok     |
| 12  | PEM           | PEM              | PD089993.D     | 19 Aug 2025 13:43 |          | AR\AJ    | Ok,M   |
| 13  | PSTDCCC050    | PSTDCCC050       | PD089994.D     | 19 Aug 2025 13:56 |          | AR\AJ    | Ok     |
| 14  | PCHLORCCC500  | PCHLORCCC500     | PD089995.D     | 19 Aug 2025 14:48 |          | AR\AJ    | Ok     |
| 15  | PTOXCCC500    | PTOXCCC500       | PD089996.D     | 19 Aug 2025 15:04 |          | AR\AJ    | Ok,M   |
| 16  | PB169206BS    | PB169206BS       | PD089997.D     | 19 Aug 2025 16:02 | CHLOR BS | AR\AJ    | Ok     |
| 17  | PB169206BS    | PB169206BS       | PD089998.D     | 19 Aug 2025 16:16 | TOX BS   | AR\AJ    | Ok     |
| 18  | I.BLK         | I.BLK            | PD089999.D     | 19 Aug 2025 16:38 |          | AR\AJ    | Ok     |

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD081925**

|              |          |                   |                                    |
|--------------|----------|-------------------|------------------------------------|
| Review By    | Abdul    | Review On         | 8/20/2025 8:42:02 AM               |
| Supervise By | mohammad | Supervise On      | 8/22/2025 2:04:20 AM               |
| SubDirectory | PD081925 | HP Acquire Method | HP Processing Method pd081825 8081 |

| STD. NAME                | STD REF.#                                                                                                                                   |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Tune/Reschk              | PP24433,PP24651                                                                                                                             |
| Initial Calibration Stds | PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,P<br>P24763,PP24764 |
| CCC                      | PP24751,PP24756,PP24761                                                                                                                     |
| Internal Standard/PEM    |                                                                                                                                             |
| ICV/I.BLK                | PP24754,PP24759,PP24761                                                                                                                     |
| Surrogate Standard       |                                                                                                                                             |
| MS/MSD Standard          |                                                                                                                                             |
| LCS Standard             |                                                                                                                                             |

|    |              |              |            |                   |  |       |      |
|----|--------------|--------------|------------|-------------------|--|-------|------|
| 19 | PSTDCCC050   | PSTDCCC050   | PD090000.D | 19 Aug 2025 16:52 |  | AR\AJ | Ok,M |
| 20 | PCHLORCCC500 | PCHLORCCC500 | PD090001.D | 19 Aug 2025 17:05 |  | AR\AJ | Ok   |
| 21 | PTOXCCC500   | PTOXCCC500   | PD090002.D | 19 Aug 2025 17:19 |  | AR\AJ | Ok   |

M : Manual Integration

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD090825**

|              |          |                   |                      |
|--------------|----------|-------------------|----------------------|
| Review By    | Abdul    | Review On         | 9/9/2025 8:53:53 AM  |
| Supervise By | mohammad | Supervise On      | 9/10/2025 1:44:31 AM |
| SubDirectory | PD090825 | HP Acquire Method | HP Processing Method |
|              |          |                   | pd081825 8081        |

| STD. NAME                | STD REF.#                                                                                                                              |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Tune/Reschk              | PP24890,PP24651                                                                                                                        |
| Initial Calibration Stds | PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,P24763,PP24764 |
| CCC                      | PP24751,PP24756,PP24761                                                                                                                |
| Internal Standard/PEM    |                                                                                                                                        |
| ICV/I.BLK                | PP24754,PP24759,PP24761                                                                                                                |
| Surrogate Standard       |                                                                                                                                        |
| MS/MSD Standard          |                                                                                                                                        |
| LCS Standard             |                                                                                                                                        |

| Sr# | SampleID    | ClientID          | Data File Name | Date-Time         | Comment                 | Operator | Status   |
|-----|-------------|-------------------|----------------|-------------------|-------------------------|----------|----------|
| 1   | HEXANE      | HEXANE            | PD090181.D     | 08 Sep 2025 09:29 |                         | AR\AJ    | Ok       |
| 2   | I.BLK       | I.BLK             | PD090182.D     | 08 Sep 2025 09:42 |                         | AR\AJ    | Ok       |
| 3   | PEM         | PEM               | PD090183.D     | 08 Sep 2025 09:56 |                         | AR\AJ    | Ok,M     |
| 4   | PSTDCCC050  | PSTDCCC050        | PD090184.D     | 08 Sep 2025 10:26 |                         | AR\AJ    | Ok       |
| 5   | Q3023-01    | TP-1              | PD090185.D     | 08 Sep 2025 13:49 |                         | AR\AJ    | Ok,M     |
| 6   | Q3023-04    | TP-2              | PD090186.D     | 08 Sep 2025 14:03 |                         | AR\AJ    | Ok,M     |
| 7   | Q3023-04MS  | TP-2MS            | PD090187.D     | 08 Sep 2025 14:16 |                         | AR\AJ    | Ok,M     |
| 8   | Q3023-04MSD | TP-2MSD           | PD090188.D     | 08 Sep 2025 14:30 |                         | AR\AJ    | Ok,M     |
| 9   | Q3027-01    | HD-01-09042025    | PD090189.D     | 08 Sep 2025 14:44 |                         | AR\AJ    | Ok,M     |
| 10  | Q3031-01    | PL-01-09052025    | PD090190.D     | 08 Sep 2025 14:57 |                         | AR\AJ    | Ok,M     |
| 11  | Q3032-04    | SOIL-PILE-2       | PD090191.D     | 08 Sep 2025 15:11 |                         | AR\AJ    | Ok,M     |
| 12  | PB169592BL  | PB169592BL        | PD090192.D     | 08 Sep 2025 15:25 |                         | AR\AJ    | Ok       |
| 13  | PB169592BS  | PB169592BS        | PD090193.D     | 08 Sep 2025 15:38 | delta-BHC Recovery fail | AR\AJ    | Not Ok   |
| 14  | I.BLK       | I.BLK             | PD090194.D     | 08 Sep 2025 15:52 |                         | AR\AJ    | Ok       |
| 15  | PSTDCCC050  | PSTDCCC050        | PD090195.D     | 08 Sep 2025 16:26 |                         | AR\AJ    | Ok,M     |
| 16  | PB169601BL  | PB169601BL        | PD090196.D     | 08 Sep 2025 16:40 |                         | AR\AJ    | Ok       |
| 17  | Q3015-09    | WP0925-PT-PEST-WP | PD090197.D     | 08 Sep 2025 16:54 | need dilution           | AR\AJ    | Dilution |
| 18  | Q3015-09DL  | WP0925-PT-PEST-WP | PD090198.D     | 08 Sep 2025 17:46 | need dilution           | AR\AJ    | Dilution |

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD090825**

|                          |                                                                                                                                        |                   |                                    |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------------------------|
| Review By                | Abdul                                                                                                                                  | Review On         | 9/9/2025 8:53:53 AM                |
| Supervise By             | mohammad                                                                                                                               | Supervise On      | 9/10/2025 1:44:31 AM               |
| SubDirectory             | PD090825                                                                                                                               | HP Acquire Method | HP Processing Method pd081825 8081 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                                                                       |                   |                                    |
| Tune/Reschk              | PP24890,PP24651                                                                                                                        |                   |                                    |
| Initial Calibration Stds | PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,P24763,PP24764 |                   |                                    |
| CCC                      | PP24751,PP24756,PP24761                                                                                                                |                   |                                    |
| Internal Standard/PEM    |                                                                                                                                        |                   |                                    |
| ICV/I.BLK                | PP24754,PP24759,PP24761                                                                                                                |                   |                                    |
| Surrogate Standard       |                                                                                                                                        |                   |                                    |
| MS/MSD Standard          |                                                                                                                                        |                   |                                    |
| LCS Standard             |                                                                                                                                        |                   |                                    |

|    |             |                   |            |                   |                        |       |       |
|----|-------------|-------------------|------------|-------------------|------------------------|-------|-------|
| 19 | Q3015-09DL2 | WP0925-PT-PEST-WP | PD090199.D | 08 Sep 2025 18:00 |                        | AR\AJ | Ok,M  |
| 20 | PB169601BS  | PB169601BS        | PD090200.D | 08 Sep 2025 18:16 |                        | AR\AJ | Ok,M  |
| 21 | PB169601BSD | PB169601BSD       | PD090201.D | 08 Sep 2025 18:29 |                        | AR\AJ | Ok,M  |
| 22 | I.BLK       | I.BLK             | PD090202.D | 08 Sep 2025 18:43 |                        | AR\AJ | Ok    |
| 23 | PSTDCCC050  | PSTDCCC050        | PD090203.D | 08 Sep 2025 18:59 |                        | AR\AJ | Ok    |
| 24 | Q3022-01    | 1413              | PD090204.D | 08 Sep 2025 19:33 | DCB Low in both column | AR\AJ | ReRun |
| 25 | Q3032-01    | SOIL-PILE-1       | PD090205.D | 08 Sep 2025 19:47 |                        | AR\AJ | Ok,NR |
| 26 | Q3032-01MS  | SOIL-PILE-1MS     | PD090206.D | 08 Sep 2025 20:00 |                        | AR\AJ | Ok,NR |
| 27 | Q3032-01MSD | SOIL-PILE-1MSD    | PD090207.D | 08 Sep 2025 20:14 |                        | AR\AJ | Ok,NR |
| 28 | I.BLK       | I.BLK             | PD090208.D | 08 Sep 2025 20:28 |                        | AR\AJ | Ok    |
| 29 | PSTDCCC050  | PSTDCCC050        | PD090209.D | 08 Sep 2025 20:41 |                        | AR\AJ | Ok    |

M : Manual Integration

Instrument ID: ECD\_D

**Daily Analysis Runlog For Sequence/QC Batch ID # PD090925**

|              |          |                   |                                    |
|--------------|----------|-------------------|------------------------------------|
| Review By    | Abdul    | Review On         | 9/10/2025 8:38:59 AM               |
| Supervise By | mohammad | Supervise On      | 9/11/2025 1:29:42 AM               |
| SubDirectory | PD090925 | HP Acquire Method | HP Processing Method pd081825 8081 |

| STD. NAME                | STD REF.#                                                                                                                              |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Tune/Reschk              | PP24890,PP24651                                                                                                                        |
| Initial Calibration Stds | PP24744,PP24746,PP24748,PP24750,PP24751,PP24752,PP24753,PP24755,PP24756,PP24757,PP24758,PP24759,PP24760,PP24761,PP24762,P24763,PP24764 |
| CCC                      | PP24751,PP24756,PP24761                                                                                                                |
| Internal Standard/PEM    |                                                                                                                                        |
| ICV/I.BLK                | PP24754,PP24759,PP24761                                                                                                                |
| Surrogate Standard       |                                                                                                                                        |
| MS/MSD Standard          |                                                                                                                                        |
| LCS Standard             |                                                                                                                                        |

| Sr# | SampleID   | ClientID   | Data File Name | Date-Time         | Comment                | Operator | Status   |
|-----|------------|------------|----------------|-------------------|------------------------|----------|----------|
| 1   | HEXANE     | HEXANE     | PD090210.D     | 09 Sep 2025 10:24 |                        | AR\AJ    | Ok       |
| 2   | I.BLK      | I.BLK      | PD090211.D     | 09 Sep 2025 10:38 |                        | AR\AJ    | Ok       |
| 3   | PEM        | PEM        | PD090212.D     | 09 Sep 2025 10:51 |                        | AR\AJ    | Ok       |
| 4   | PSTDCCC050 | PSTDCCC050 | PD090213.D     | 09 Sep 2025 11:05 |                        | AR\AJ    | Ok,M     |
| 5   | Q3022-01RE | 1413RE     | PD090214.D     | 09 Sep 2025 11:53 | DCB Low in both column | AR\AJ    | Confirms |
| 6   | PB169592BS | PB169592BS | PD090215.D     | 09 Sep 2025 14:52 |                        | AR\AJ    | Ok,M     |
| 7   | I.BLK      | I.BLK      | PD090216.D     | 09 Sep 2025 16:21 |                        | AR\AJ    | Ok,M     |
| 8   | PSTDCCC050 | PSTDCCC050 | PD090217.D     | 09 Sep 2025 17:11 |                        | AR\AJ    | Ok,M     |

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona  
Analyst: JIGNESH  
Date: 9/8/2025

OVENTEMP IN Celsius(°C): 107  
Time IN: 17:10  
In Date: 09/05/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104  
Time OUT: 08:33  
Out Date: 09/06/2025  
Weight Check 1.0g: 1.00  
Weight Check 10g: 10.00  
BalanceID: M SC-4  
Thermometer ID: % SOLID-OVEN

QC:LB137097

| 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    |
|----------|------------------------|--------|----------------|--------------|-------------------------|---------------------------|---------|-------------|
| Q3029-05 | SVOC-GPC-BLANK         | 1      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |             |
| Q3029-06 | PEST-GPC-BLANK         | 2      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |             |
| Q3029-07 | PEST-GPC-BLANK-SPIKE   | 3      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |             |
| Q3029-08 | SVOC-GPC2-BLANK        | 4      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |             |
| Q3029-09 | PEST-GPC2-BLANK        | 5      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |             |
| Q3029-10 | PEST -GPC2-BLANK-SPIKE | 6      | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   |             |
| Q3031-01 | PL-01-09052025         | 7      | 1.14           | 10.85        | 11.99                   | 10.26                     | 84.1    |             |
| Q3031-02 | PL-01-09052025-E2      | 8      | 1.13           | 10.69        | 11.82                   | 10.62                     | 88.8    |             |
| Q3032-01 | SOIL-PILE-1            | 9      | 1.16           | 10.40        | 11.56                   | 9.8                       | 83.1    |             |
| Q3032-03 | SOIL-PILE-1            | 10     | 1.18           | 10.25        | 11.43                   | 9.55                      | 81.7    |             |
| Q3032-04 | SOIL-PILE-2            | 11     | 1.14           | 10.95        | 12.09                   | 10.25                     | 83.2    |             |
| Q3032-06 | SOIL-PILE-2            | 12     | 1.14           | 10.80        | 11.94                   | 10.05                     | 82.5    |             |
| Q3034-01 | PASSAIC-A              | 13     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | WIPE SAMPLE |
| Q3034-02 | PASSAIC-B              | 14     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | WIPE SAMPLE |
| Q3034-03 | PASSAIC-C              | 15     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | WIPE SAMPLE |
| Q3034-04 | PASSAIC-D              | 16     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | WIPE SAMPLE |
| Q3034-05 | PASSAIC-E              | 17     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | WIPE SAMPLE |
| Q3034-06 | PASSAIC-F              | 18     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | WIPE SAMPLE |
| Q3034-07 | PASSAIC-G              | 19     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | WIPE SAMPLE |
| Q3034-08 | PASSAIC-H              | 20     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | WIPE SAMPLE |
| Q3034-09 | PASSAIC-I              | 21     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | WIPE SAMPLE |
| Q3034-10 | PASSAIC-J              | 22     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | WIPE SAMPLE |
| Q3034-11 | PASSAIC-K              | 23     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | WIPE SAMPLE |
| Q3036-01 | OR-828                 | 24     | 1.00           | 1.00         | 2.00                    | 2.00                      | 100.0   | oil sample  |

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

# WORKLIST(Hardcopy Internal Chain)

137097

WorkList Name : %1-090525      WorkList ID : 191691      Department : Wet-Chemistry      Date : 09-05-2025 08:30:56

| Sample   | Customer Sample       | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|-----------------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q3029-05 | SVOC-GPC-BLANK        | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | D21                         | 08/29/2025   | Chemtech -SO |
| Q3029-06 | PEST-GPC-BLANK        | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | D21                         | 08/29/2025   | Chemtech -SO |
| Q3029-07 | PEST-GPC-BLANK-SPIKE  | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | D21                         | 08/29/2025   | Chemtech -SO |
| Q3029-08 | SVOC-GPC2-BLANK       | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | D21                         | 08/29/2025   | Chemtech -SO |
| Q3029-09 | PEST-GPC2-BLANK       | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | D21                         | 08/29/2025   | Chemtech -SO |
| Q3029-10 | PEST-GPC2-BLANK-SPIKE | Solid  | Percent Solids | Cool 4 deg C | CHEM02   | D21                         | 08/29/2025   | Chemtech -SO |
| Q3031-01 | PL-01-09052025        | Solid  | Percent Solids | Cool 4 deg C | PSEG05   | D21                         | 09/05/2025   | Chemtech -SO |
| Q3031-02 | PL-01-09052025-E2     | Solid  | Percent Solids | Cool 4 deg C | PSEG05   | D21                         | 09/05/2025   | Chemtech -SO |
| Q3032-01 | SOIL-PILE-1           | Solid  | Percent Solids | Cool 4 deg C | ZUCC01   | D31                         | 09/05/2025   | Chemtech -SO |
| Q3032-03 | SOIL-PILE-1           | Solid  | Percent Solids | Cool 4 deg C | ZUCC01   | D31                         | 09/05/2025   | Chemtech -SO |
| Q3032-04 | SOIL-PILE-2           | Solid  | Percent Solids | Cool 4 deg C | ZUCC01   | D31                         | 09/05/2025   | Chemtech -SO |
| Q3032-06 | SOIL-PILE-2           | Solid  | Percent Solids | Cool 4 deg C | ZUCC01   | D31                         | 09/05/2025   | Chemtech -SO |
| Q3034-01 | PASSAIC-A             | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/05/2025   | Chemtech -SO |
| Q3034-02 | PASSAIC-B             | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/05/2025   | Chemtech -SO |
| Q3034-03 | PASSAIC-C             | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/05/2025   | Chemtech -SO |
| Q3034-04 | PASSAIC-D             | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/05/2025   | Chemtech -SO |
| Q3034-05 | PASSAIC-E             | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/05/2025   | Chemtech -SO |
| Q3034-06 | PASSAIC-F             | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/05/2025   | Chemtech -SO |
| Q3034-07 | PASSAIC-G             | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/05/2025   | Chemtech -SO |
| Q3034-08 | PASSAIC-H             | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/05/2025   | Chemtech -SO |
| Q3034-09 | PASSAIC-I             | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/05/2025   | Chemtech -SO |

Date/Time 09/05/25 15:00  
 Raw Sample Received by: SPW  
 Raw Sample Relinquished by: CP Sm  
 Date/Time 09/05/25 17:20  
 Raw Sample Received by: CP Sm  
 Raw Sample Relinquished by: SPW

# WORKLIST(Hardcopy Internal Chain)

137097

WorkList Name : %1-090525      WorkList ID : 191691      Department : Wet-Chemistry      Date : 09-05-2025 08:30:56

| Sample   | Customer Sample | Matrix | Test           | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method       |
|----------|-----------------|--------|----------------|--------------|----------|-----------------------------|--------------|--------------|
| Q3034-10 | PASSAIC-J       | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/05/2025   | Chemtech -SO |
| Q3034-11 | PASSAIC-K       | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/05/2025   | Chemtech -SO |
| Q3036-01 | OR-828          | Solid  | Percent Solids | Cool 4 deg C | PSEG03   | D31                         | 09/05/2025   | Chemtech -SO |

Date/Time 09/05/25 15:00  
 Raw Sample Received by: SB WCC  
 Raw Sample Relinquished by: CD SM

Date/Time 09/05/25 17:20  
 Raw Sample Received by: CD SM  
 Raw Sample Relinquished by: SB WCC

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: Florisil

Extraction Start Date : 09/08/2025

Matrix : Solid

Extraction Start Time : 09:00

Weigh By: EH

Extraction By: EH

Extraction End Date : 09/08/2025

Balance check: EH

Filter By: EH

Extraction End Time : 12:30

Balance ID: EX-SC-2

pH Meter ID: N/A

Concentration By: RJ

pH Strip Lot#: N/A

Hood ID: 3,7

Supervisor By : ritesh

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

| Standard Name | MLS USED | Concentration ug/mL | STD REF. # FROM LOG |
|---------------|----------|---------------------|---------------------|
| Spike Sol 1   | 1.0ML    | 500 PPB             | PP24766             |
| 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            | EP2627     |
| Baked Na2SO4               | N/A            | EP2636     |
| Sand                       | N/A            | E3951      |
| Hexane                     | N/A            | E3968      |
| 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        |
| N/A                        | N/A            | N/A        |

## Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot # 03-40BTS721.

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 |
|-------------|-----------------------------------------|----------------------|
| 9/8/25      | RJ (EZ-140)                             | Y.P. Raju            |
| 12:35       | Preparation Group                       | Analysis Group       |

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 09/08/2025

| Sample ID       | Client Sample ID | Test          | g / mL | PH  | Surr/Spike By: |            | Final Vol.<br>(mL) | JarID | Comments | Prep<br>Pos |
|-----------------|------------------|---------------|--------|-----|----------------|------------|--------------------|-------|----------|-------------|
|                 |                  |               |        |     | AddedBy        | VerifiedBy |                    |       |          |             |
| PB169592BL      | PBLK592          | Pesticide-TCL | 30.02  | N/A | ritesh         | Evelyn     | 10                 |       |          | U2-1        |
| PB169592BS      | PLCS592          | Pesticide-TCL | 30.01  | N/A | ritesh         | Evelyn     | 10                 |       |          | 2           |
| Q3031-01        | PL-01-09052025   | Pesticide-TCL | 30.06  | N/A | ritesh         | Evelyn     | 10                 | E     |          | 3           |
| Q3032-01        | SOIL-PILE-1      | Pesticide-TCL | 30.03  | N/A | ritesh         | Evelyn     | 10                 | B     |          | 4           |
| Q3032-01MS      | SOIL-PILE-1MS    | Pesticide-TCL | 30.05  | N/A | ritesh         | Evelyn     | 10                 | B     |          | 5           |
| Q3032-01MS<br>D | SOIL-PILE-1MSD   | Pesticide-TCL | 30.02  | N/A | ritesh         | Evelyn     | 10                 | B     |          | 6           |
| Q3032-04        | SOIL-PILE-2      | Pesticide-TCL | 30.08  | N/A | ritesh         | Evelyn     | 10                 | B     |          | U3-1        |

\* Extracts relinquished on the same date as received.

169574  
9:00

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3031P      WorkList ID : 191725      Department : Extraction      Date : 09-08-2025 08:55:21

| Sample   | Customer Sample | Matrix | Test          | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|----------|-----------------|--------|---------------|--------------|----------|-----------------------------|--------------|--------|
| Q3031-01 | PL-01-09052025  | Solid  | Pesticide-TCL | Cool 4 deg C | PSEG05   | D21                         | 09/05/2025   | 8081B  |
| Q3032-01 | SOIL-PILE-1     | Solid  | Pesticide-TCL | Cool 4 deg C | ZUCC01   | D31                         | 09/05/2025   | 8081B  |
| Q3032-04 | SOIL-PILE-2     | Solid  | Pesticide-TCL | Cool 4 deg C | ZUCC01   | D31                         | 09/05/2025   | 8081B  |

Date/Time 09/08/25 8:55  
Raw Sample Received by: FH C(ZLT-1261)  
Raw Sample Relinquished by: JY(Sm)

Date/Time 09/08/25 9:10  
Raw Sample Received by: JY(Sm)  
Raw Sample Relinquished by: FH C(ZLT-1261)



# SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Zuccaro Inc.

ADDRESS: 3 Coal Ave

CITY: Morristown STATE: NJ ZIP:

ATTENTION: Sal Zuccaro

PHONE:

FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: 3 Coal Ave, Morristown, NJ

PROJECT NO.: LOCATION:

PROJECT MANAGER:

e-mail:

PHONE:

FAX:

CLIENT BILLING INFORMATION

BILL TO:

PO#:

ADDRESS:

CITY: Summit

STATE:

ZIP:

ATTENTION:

PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) \_\_\_\_\_ DAYS\*

HARDCOPY (DATA PACKAGE): \_\_\_\_\_ DAYS\*

EDD: \_\_\_\_\_ DAYS\*

\*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)

☐ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP

☐ Level 3 (Results + QC) ☐ NYS ASP A ☐ NYS ASP B

+ Raw Data ☐ Other \_\_\_\_\_

☐ EDD FORMAT \_\_\_\_\_

Metals TCL-TCL  
SVOC-TCL BNA-20  
PCB  
TCLP BNA  
Mercury  
TCLP VOA  
VOC-TCL VOA-10

PRESERVATIVES

COMMENTS

← Specify Preservatives

A-HCl D-NaOH  
B-HNO3 E-ICE  
C-H2SO4 F-OTHER

| ALLIANCE<br>SAMPLE<br>ID | PROJECT<br>SAMPLE IDENTIFICATION | SAMPLE<br>MATRIX | SAMPLE<br>TYPE |      | SAMPLE<br>COLLECTION |       | # OF BOTTLES |   |   |   |   |   |   |   |   |   |  |
|--------------------------|----------------------------------|------------------|----------------|------|----------------------|-------|--------------|---|---|---|---|---|---|---|---|---|--|
|                          |                                  |                  | COMP           | GRAB | DATE                 | TIME  |              | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |  |
| 1.                       | Soil pile #1                     | SOL              | X              |      | 9.5.25               | 11:14 | 5            | X | X | X | X | X |   |   |   |   |  |
| 2.                       | I                                | I                |                | X    | I                    | 11:16 | 5            |   |   |   |   |   | X | X |   |   |  |
| 3.                       | Soil pile #2                     | I                | X              |      | I                    | 11:36 | 5            | X | X | X | X | X |   |   |   |   |  |
| 4.                       | I                                | I                |                | X    | I                    | 11:40 | 5            |   |   |   |   |   | X | X |   |   |  |
| 5.                       |                                  |                  |                |      |                      |       |              |   |   |   |   |   |   |   |   |   |  |
| 6.                       |                                  |                  |                |      |                      |       |              |   |   |   |   |   |   |   |   |   |  |
| 7.                       |                                  |                  |                |      |                      |       |              |   |   |   |   |   |   |   |   |   |  |
| 8.                       |                                  |                  |                |      |                      |       |              |   |   |   |   |   |   |   |   |   |  |
| 9.                       |                                  |                  |                |      |                      |       |              |   |   |   |   |   |   |   |   |   |  |
| 10.                      |                                  |                  |                |      |                      |       |              |   |   |   |   |   |   |   |   |   |  |

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

|                          |                  |                |                                                                                                                                   |                                                                                |
|--------------------------|------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| RELINQUISHED BY SAMPLER: | DATE/TIME: 12:06 | RECEIVED BY:   | Conditions of bottles or coolers at receipt: <input type="checkbox"/> COMPLIANT <input checked="" type="checkbox"/> NON COMPLIANT | COOLER TEMP: 4.2°C                                                             |
| 1. [Signature]           | 9.5.2025         | 1. [Signature] | Comments: Equal volume of soil used, 5:1 composite                                                                                |                                                                                |
| RELINQUISHED BY SAMPLER: | DATE/TIME:       | RECEIVED BY:   | * Soil pile #1 - 24x16x7 = measurement *                                                                                          |                                                                                |
| 2. [Signature]           |                  | 2. [Signature] | * Soil pile #2 - 24x22x7 = measurement *                                                                                          |                                                                                |
| RELINQUISHED BY SAMPLER: | DATE/TIME: 12:36 | RECEIVED BY:   | Page 1 of 1                                                                                                                       | CLIENT: <input type="checkbox"/> Hand Delivered <input type="checkbox"/> Other |
| 3. [Signature]           | 9.5.2025         | 3. [Signature] |                                                                                                                                   | Shipment Complete<br><input type="checkbox"/> YES <input type="checkbox"/> NO  |

# CHEMTECH

## Environmental Laboratory

www.chemtech.net | EMAIL: PM@chemtech.net

Project Name: 3 COOL AVE,  
MORRISTOWN, N.J.

Service Order #:

Work Order #:

Labor WBS #:

Facility/Site:

Site Address: 3 COOL AVE  
MORRISTOWN, NJ.

Chemtech Order ID:

Sampler Name: Lawrence Carter

Client Project Coordinator & Phone:

Page #: 1 of 1

Date: 9.5.2025

Arrive Time: 10:38

Depart Time: 12:06

Waste Stream (circle one): drum / roll-off / soil pile / in-situ / linear construction / frac-tank

Sample Matrices (circle all that apply): Water / Solid / NAPL / Concrete / Wipe

Collection Depths:

Temp (range): °C PID Readings (range):

Dimensions/CY:

soil pile #1 / soil pile #2  
100cy / 136cy

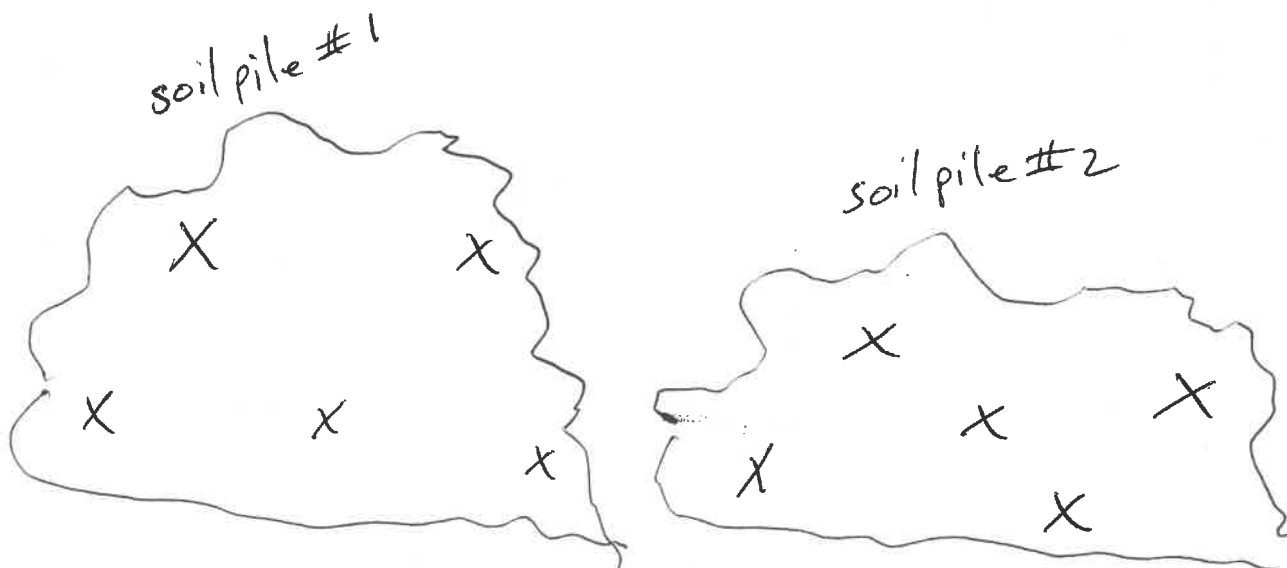
PPM Odor: Y N Color: Y N

Sample Description: Brown wet soil, rocks, GRASS.

Field Observations: SAMPLED, soil pile #1, soil pile #2

Grid/Area Composite Map:

QA Control # A3041134



Sampler Signature: Lawrence Carter 9.5.2025

Client Signature:

Supervisor Review/Date:

Date/Time Arrived at Lab:

### Laboratory Certification

| Certified By    | License No.      |
|-----------------|------------------|
|                 |                  |
| Connecticut     | PH-0830          |
|                 |                  |
| DOD ELAP (ANAB) | L2219            |
|                 |                  |
| Maine           | 2024021          |
|                 |                  |
| Maryland        | 296              |
|                 |                  |
| New Hampshire   | 255425           |
|                 |                  |
| New Jersey      | 20012            |
|                 |                  |
| New York        | 11376            |
|                 |                  |
| Pennsylvania    | 68-00548         |
|                 |                  |
| Soil Permit     | 525-24-234-08441 |
|                 |                  |
| Texas           | TX-C25-00189     |
|                 |                  |
| Virginia        | 460312           |



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

### LOGIN REPORT/SAMPLE TRANSFER

|                                      |        |                                                  |                                           |
|--------------------------------------|--------|--------------------------------------------------|-------------------------------------------|
| <b>Order ID :</b> Q3032              | ZUCC01 | <b>Order Date :</b> 9/5/2025 12:41:17 PM         | <b>Project Mgr :</b> Yazmeen              |
| <b>Client Name :</b> Zuccaro Inc.    |        | <b>Project Name :</b> 3 Coal Ave., Morristown, N | <b>Report Type :</b> Results+QC           |
| <b>Client Contact :</b> Sal Zuccaro  |        | <b>Receive DateTime :</b> 9/5/2025 12:36:00 PM   | <b>EDD Type :</b> EXCEL NJCLEANUP         |
| <b>Invoice Name :</b> Zuccaro Inc.   |        | <b>Purchase Order :</b>                          | <b>Hard Copy Date :</b>                   |
| <b>Invoice Contact :</b> Sal Zuccaro |        |                                                  | <b>Date Signoff :</b> 9/5/2025 2:08:49 PM |

| LAB ID   | CLIENT ID   | MATRIX | SAMPLE<br>DATE | SAMPLE<br>TIME | TEST          | TEST GROUP | METHOD | FAX DATE    | DUE<br>DATES |
|----------|-------------|--------|----------------|----------------|---------------|------------|--------|-------------|--------------|
| Q3032-02 | SOIL-PILE-1 | Solid  | 09/05/2025     | 11:14          |               |            |        |             |              |
|          |             |        |                |                | TCLP VOA      | TCLP-FULL  | 8260D  | 5 Bus. Days | 09/12/2025   |
| Q3032-03 | SOIL-PILE-1 | Solid  | 09/05/2025     | 11:16          |               |            |        |             |              |
|          |             |        |                |                | VOC-TCLVOA-10 |            | 8260D  | 5 Bus. Days | 09/12/2025   |
| Q3032-05 | SOIL-PILE-2 | Solid  | 09/05/2025     | 11:36          |               |            |        |             |              |
|          |             |        |                |                | TCLP VOA      | TCLP-FULL  | 8260D  | 5 Bus. Days | 09/12/2025   |
| Q3032-06 | SOIL-PILE-2 | Solid  | 09/05/2025     | 11:40          |               |            |        |             |              |
|          |             |        |                |                | VOC-TCLVOA-10 |            | 8260D  | 5 Bus. Days | 09/12/2025   |

Relinquished By :

Date / Time :

Received By :

Date / Time :

Storage Area : VOA Refridgerator Room