

## Cover Page

**Order ID :** P4799

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

**Client :** ENTACT

### Lab Sample Number

P4799-01  
P4799-02  
P4799-03  
P4799-04  
P4799-05  
P4799-06  
P4799-07  
P4799-08  
P4799-09  
P4799-10  
P4799-11  
P4799-12  
P4799-13  
P4799-14  
P4799-15  
P4799-16  
P4799-17  
P4799-18  
P4799-19  
P4799-20

### Client Sample Number

WC-TA2-02-G  
WC-TA2-02-C  
WC-TA2-02-C  
WC-TA2-02-C  
WC-TA2-03-G  
WC-TA2-03-C  
WC-TA2-03-C  
WC-TA2-03-C  
WC-TA1-01-G  
WC-TA1-01-C  
WC-TA1-01-C  
WC-TA1-01-C  
WC-TA1-02-G  
WC-TA1-02-C  
WC-TA1-02-C  
WC-TA1-02-C  
WC-TA1-03-G  
WC-TA1-03-C  
WC-TA1-03-C  
WC-TA1-03-C

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : \_\_\_\_\_

Date: 11/21/2024

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 #: P4799

Completed

For thorough review, the report must have the following:

#### GENERAL:

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

✓

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

✓

Is the chain of custody signed and complete

✓

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

✓

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

✓

#### COVER PAGE:

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

✓

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

✓

#### CHAIN OF CUSTODY:

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

✓

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

✓

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

✓

Were the samples received within hold time

✓

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

✓

#### ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: PRADIP PRAJAPATI

Date: 11/21/2024

## LAB CHRONICLE

|                 |                 |                   |                                     |
|-----------------|-----------------|-------------------|-------------------------------------|
| <b>OrderID:</b> | P4799           | <b>OrderDate:</b> | 11/8/2024 4:30:00 PM                |
| <b>Client:</b>  | ENTACT          | <b>Project:</b>   | 540 Degraw St, Brooklyn, NY - E9309 |
| <b>Contact:</b> | Jarod Stanfield | <b>Location:</b>  | L31                                 |

| LabID           | ClientID           | Matrix      | Test           | Method | Sample Date     | Prep Date | Anal Date | Received        |
|-----------------|--------------------|-------------|----------------|--------|-----------------|-----------|-----------|-----------------|
| <b>P4799-02</b> | <b>WC-TA2-02-C</b> | <b>SOIL</b> |                |        | <b>10/30/24</b> |           |           | <b>11/08/24</b> |
|                 |                    |             | PCB            | 8082A  |                 | 11/12/24  | 11/12/24  |                 |
| <b>P4799-03</b> | <b>WC-TA2-02-C</b> | <b>TCLP</b> |                |        | <b>10/30/24</b> |           |           | <b>11/08/24</b> |
|                 |                    |             | TCLP Herbicide | 8151A  |                 | 11/13/24  | 11/14/24  |                 |
|                 |                    |             | TCLP Pesticide | 8081B  |                 | 11/12/24  | 11/13/24  |                 |
| <b>P4799-06</b> | <b>WC-TA2-03-C</b> | <b>SOIL</b> |                |        | <b>11/01/24</b> |           |           | <b>11/08/24</b> |
|                 |                    |             | PCB            | 8082A  |                 | 11/12/24  | 11/12/24  |                 |
| <b>P4799-07</b> | <b>WC-TA2-03-C</b> | <b>TCLP</b> |                |        | <b>11/01/24</b> |           |           | <b>11/08/24</b> |
|                 |                    |             | TCLP Herbicide | 8151A  |                 | 11/13/24  | 11/14/24  |                 |
|                 |                    |             | TCLP Pesticide | 8081B  |                 | 11/12/24  | 11/13/24  |                 |
| <b>P4799-10</b> | <b>WC-TA1-01-C</b> | <b>SOIL</b> |                |        | <b>11/04/24</b> |           |           | <b>11/08/24</b> |
|                 |                    |             | PCB            | 8082A  |                 | 11/12/24  | 11/13/24  |                 |
| <b>P4799-11</b> | <b>WC-TA1-01-C</b> | <b>TCLP</b> |                |        | <b>11/04/24</b> |           |           | <b>11/08/24</b> |
|                 |                    |             | TCLP Herbicide | 8151A  |                 | 11/13/24  | 11/14/24  |                 |
|                 |                    |             | TCLP Pesticide | 8081B  |                 | 11/12/24  | 11/13/24  |                 |
| <b>P4799-14</b> | <b>WC-TA1-02-C</b> | <b>SOIL</b> |                |        | <b>11/05/24</b> |           |           | <b>11/08/24</b> |
|                 |                    |             | PCB            | 8082A  |                 | 11/12/24  | 11/13/24  |                 |
| <b>P4799-15</b> | <b>WC-TA1-02-C</b> | <b>TCLP</b> |                |        | <b>11/05/24</b> |           |           | <b>11/08/24</b> |
|                 |                    |             | TCLP Herbicide | 8151A  |                 | 11/13/24  | 11/14/24  |                 |
|                 |                    |             | TCLP Pesticide | 8081B  |                 | 11/12/24  | 11/13/24  |                 |
| <b>P4799-18</b> | <b>WC-TA1-03-C</b> | <b>SOIL</b> |                |        | <b>11/06/24</b> |           |           | <b>11/08/24</b> |
|                 |                    |             | PCB            | 8082A  |                 | 11/12/24  | 11/13/24  |                 |
| <b>P4799-19</b> | <b>WC-TA1-03-C</b> | <b>TCLP</b> |                |        | <b>11/06/24</b> |           |           | <b>11/08/24</b> |
|                 |                    |             | TCLP Herbicide | 8151A  |                 | 11/13/24  | 11/14/24  |                 |

**LAB CHRONICLE**

TCLP Pesticide

8081B

11/12/24

11/13/24

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

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

**SDG No.:** P4799

**Order ID:** P4799

**Client:** ENTACT

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

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

Client ID :

**Total Concentration:** 0.000



# QC SUMMARY

### Surrogate Summary

SDG No.: **P4799**

Client: **ENTACT**

Analytical Method: **8081B**

| Lab Sample ID    | Client ID        | Parameter            | Column | Spike | Result | Rec | Qual | Limits  |           |
|------------------|------------------|----------------------|--------|-------|--------|-----|------|---------|-----------|
|                  |                  |                      |        |       |        |     |      | Low     | High      |
| I.BLK-PL092652.D | PIBLK-PL092652.D | Decachlorobiphenyl   | 1      | 20    | 22.7   | 114 |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 21.6   | 108 |      | 30 (77) | 150 (126) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 21.7   | 109 |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 20.4   | 102 |      | 30 (77) | 150 (126) |
| I.BLK-PL093038.D | PIBLK-PL093038.D | Decachlorobiphenyl   | 1      | 20    | 22.4   | 112 |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 23.4   | 117 |      | 30 (77) | 150 (126) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 22.6   | 113 |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 23.5   | 118 |      | 30 (77) | 150 (126) |
| PB164960BL       | PB164960BL       | Decachlorobiphenyl   | 1      | 20    | 22.2   | 111 |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 22.4   | 112 |      | 30 (77) | 150 (126) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 22.8   | 114 |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 21.7   | 109 |      | 30 (77) | 150 (126) |
| PB164960BS       | PB164960BS       | Decachlorobiphenyl   | 1      | 20    | 16.6   | 83  |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 18.5   | 93  |      | 30 (77) | 150 (126) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 17.0   | 85  |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 17.1   | 86  |      | 30 (77) | 150 (126) |
| PB164880TB       | PB164880TB       | Decachlorobiphenyl   | 1      | 20    | 22.1   | 111 |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 22.1   | 111 |      | 30 (77) | 150 (126) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 23.0   | 115 |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 21.8   | 109 |      | 30 (77) | 150 (126) |
| P4799-03         | WC-TA2-02-C      | Decachlorobiphenyl   | 1      | 20    | 21.8   | 109 |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 21.6   | 108 |      | 30 (77) | 150 (126) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 23.1   | 115 |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 22.1   | 110 |      | 30 (77) | 150 (126) |
| P4799-03MS       | WC-TA2-02-CMS    | Decachlorobiphenyl   | 1      | 20    | 22.0   | 110 |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 22.6   | 113 |      | 30 (77) | 150 (126) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 23.8   | 119 |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 21.9   | 109 |      | 30 (77) | 150 (126) |
| P4799-03MSD      | WC-TA2-02-CMSD   | Decachlorobiphenyl   | 1      | 20    | 21.5   | 108 |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 22.0   | 110 |      | 30 (77) | 150 (126) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 23.7   | 119 |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 22.2   | 111 |      | 30 (77) | 150 (126) |
| P4799-07         | WC-TA2-03-C      | Decachlorobiphenyl   | 1      | 20    | 18.7   | 93  |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 21.4   | 107 |      | 30 (77) | 150 (126) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 19.8   | 99  |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 20.6   | 103 |      | 30 (77) | 150 (126) |
| P4799-11         | WC-TA1-01-C      | Decachlorobiphenyl   | 1      | 20    | 21.1   | 106 |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 21.5   | 108 |      | 30 (77) | 150 (126) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 22.5   | 112 |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 21.2   | 106 |      | 30 (77) | 150 (126) |
| P4799-15         | WC-TA1-02-C      | Decachlorobiphenyl   | 1      | 20    | 21.6   | 108 |      | 30 (43) | 150 (140) |

() = LABORATORY INHOUSE LIMIT

### Surrogate Summary

SDG No.: P4799

Client: ENTACT

Analytical Method: 8081B

| Lab Sample ID    | Client ID        | Parameter            | Column | Spike | Result | Rec | Qual | Limits  |           |
|------------------|------------------|----------------------|--------|-------|--------|-----|------|---------|-----------|
|                  |                  |                      |        |       |        |     |      | Low     | High      |
| P4799-15         | WC-TA1-02-C      | Tetrachloro-m-xylene | 1      | 20    | 20.1   | 101 |      | 30 (77) | 150 (126) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 22.6   | 113 |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 20.6   | 103 |      | 30 (77) | 150 (126) |
| P4799-19         | WC-TA1-03-C      | Decachlorobiphenyl   | 1      | 20    | 22.0   | 110 |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 19.9   | 100 |      | 30 (77) | 150 (126) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 23.8   | 119 |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 19.6   | 98  |      | 30 (77) | 150 (126) |
|                  |                  | Decachlorobiphenyl   | 1      | 20    | 23.3   | 117 |      | 30 (43) | 150 (140) |
| I.BLK-PL093050.D | PIBLK-PL093050.D | Tetrachloro-m-xylene | 1      | 20    | 23.4   | 117 |      | 30 (77) | 150 (126) |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 24.7   | 124 |      | 30 (43) | 150 (140) |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 23.7   | 118 |      | 30 (77) | 150 (126) |
|                  |                  | Decachlorobiphenyl   | 1      | 20    | 23.3   | 117 |      | 30 (43) | 150 (140) |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4799

Client: ENTACT

Analytical Method: 8081B

DataFile : PL093044.D

| Lab Sample ID:                  | Parameter           | Spike | Sample<br>Result | Result | Units | Rec | Rec<br>Qual | RPD | RPD<br>Qual | Low     | Limits<br>High | RPD |
|---------------------------------|---------------------|-------|------------------|--------|-------|-----|-------------|-----|-------------|---------|----------------|-----|
| Client Sample ID:<br>P4799-03MS | WC-TA2-02-CMS       |       |                  |        |       |     |             |     |             |         |                |     |
|                                 | gamma-BHC (Lindane) | 5     | 0                | 5.80   | ug/L  | 116 |             |     |             | 30 (60) | 150 (152)      |     |
|                                 | Heptachlor          | 5     | 0                | 9.20   | ug/L  | 184 | *           |     |             | 30 (56) | 150 (147)      |     |
|                                 | Heptachlor epoxide  | 5     | 0                | 6.20   | ug/L  | 124 |             |     |             | 30 (77) | 150 (143)      |     |
|                                 | Endrin              | 5     | 0                | 6.50   | ug/L  | 130 |             |     |             | 30 (76) | 150 (144)      |     |
|                                 | Methoxychlor        | 5     | 0                | 6.20   | ug/L  | 124 |             |     |             | 30 (70) | 150 (142)      |     |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4799

Client: ENTACT

Analytical Method: 8081B

DataFile : PL093045.D

| Lab Sample ID:    | Parameter           | Spike | Sample |        | Units | Rec | Rec  |     | RPD  |         | Limits    |         |
|-------------------|---------------------|-------|--------|--------|-------|-----|------|-----|------|---------|-----------|---------|
|                   |                     |       | Result | Result |       |     | Qual | RPD | Qual | Low     | High      | RPD     |
| Client Sample ID: | WC-TA2-02-CMSD      |       |        |        |       |     |      |     |      |         |           |         |
| P4799-03MSD       | gamma-BHC (Lindane) | 5     | 0      | 5.80   | ug/L  | 116 |      | 0   |      | 30 (60) | 150 (152) | 20 (20) |
|                   | Heptachlor          | 5     | 0      | 9.20   | ug/L  | 184 | *    | 0   |      | 30 (56) | 150 (147) | 20 (20) |
|                   | Heptachlor epoxide  | 5     | 0      | 6.20   | ug/L  | 124 |      | 0   |      | 30 (77) | 150 (143) | 20 (20) |
|                   | Endrin              | 5     | 0      | 6.50   | ug/L  | 130 |      | 0   |      | 30 (76) | 150 (144) | 20 (20) |
|                   | Methoxychlor        | 5     | 0      | 6.10   | ug/L  | 122 |      | 2   |      | 30 (70) | 150 (142) | 20 (20) |

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

**SW-846**

**SDG No.:** P4799

**Client:** ENTACT

**Analytical Method:** **8081B** **Datafile :** PL093041.D

| Lab Sample ID | Parameter           | Spike | Result | Units | Rec | RPD | Qual | RPD  |         | Limits    |     |
|---------------|---------------------|-------|--------|-------|-----|-----|------|------|---------|-----------|-----|
|               |                     |       |        |       |     |     |      | Qual | Low     | High      | RPD |
| PB164960BS    | gamma-BHC (Lindane) | 0.5   | 0.55   | ug/L  | 111 |     |      |      | 40 (82) | 140 (129) |     |
|               | Heptachlor          | 0.5   | 0.58   | ug/L  | 117 |     |      |      | 40 (79) | 140 (127) |     |
|               | Heptachlor epoxide  | 0.5   | 0.58   | ug/L  | 116 |     |      |      | 40 (81) | 140 (124) |     |
|               | Endrin              | 0.5   | 0.61   | ug/L  | 121 |     |      |      | 40 (81) | 140 (128) |     |
|               | Methoxychlor        | 0.5   | 0.57   | ug/L  | 114 |     |      |      | 40 (78) | 140 (108) |     |

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164960BL

Lab Name: CHEMTECH

Contract: ENTA05

Lab Code: CHEM Case No.: P4799

SAS No.: P4799 SDG NO.: P4799

Lab Sample ID: PB164960BL

Lab File ID: PL093040.D

Matrix: (soil/water) water

Extraction: (Type) \_\_\_\_\_

Sulfur Cleanup: (Y/N) N

Date Extracted: 11/12/2024

Date Analyzed (1): 11/13/2024

Date Analyzed (2): 11/13/2024

Time Analyzed (1): 17:01

Time Analyzed (2): 17:01

Instrument ID (1): ECD\_L

Instrument ID (2): ECD\_L

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

GC Column (2): ZB-MR1 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 |
|-------------------|------------------|----------------|--------------------|--------------------|
| PB164960BS        | PB164960BS       | PL093041.D     | 11/13/2024         | 11/13/2024         |
| PB164880TB        | PB164880TB       | PL093042.D     | 11/13/2024         | 11/13/2024         |
| WC-TA2-02-C       | P4799-03         | PL093043.D     | 11/13/2024         | 11/13/2024         |
| WC-TA2-02-CMS     | P4799-03MS       | PL093044.D     | 11/13/2024         | 11/13/2024         |
| WC-TA2-02-CMSD    | P4799-03MSD      | PL093045.D     | 11/13/2024         | 11/13/2024         |
| WC-TA2-03-C       | P4799-07         | PL093046.D     | 11/13/2024         | 11/13/2024         |
| WC-TA1-01-C       | P4799-11         | PL093047.D     | 11/13/2024         | 11/13/2024         |
| WC-TA1-02-C       | P4799-15         | PL093048.D     | 11/13/2024         | 11/13/2024         |
| WC-TA1-03-C       | P4799-19         | PL093049.D     | 11/13/2024         | 11/13/2024         |

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



# SAMPLE DATA

## Report of Analysis

|                    |                                     |                    |                |
|--------------------|-------------------------------------|--------------------|----------------|
| Client:            | ENTACT                              | Date Collected:    | 10/30/24       |
| Project:           | 540 Degraw St, Brooklyn, NY - E9309 | Date Received:     | 11/08/24       |
| Client Sample ID:  | WC-TA2-02-C                         | SDG No.:           | P4799          |
| Lab Sample ID:     | P4799-03                            | Matrix:            | TCLP           |
| Analytical Method: | SW8081                              | % Solid:           | 0              |
| Sample Wt/Vol:     | 100                                 | Units:             | mL             |
| Soil Aliquot Vol:  |                                     |                    | uL             |
| Extraction Type:   |                                     | Test:              | TCLP Pesticide |
| GPC Factor :       | 1.0                                 | PH :               |                |
| Prep Method :      | SW3541B                             | Decanted:          |                |
|                    |                                     | Final Vol:         | 10000          |
|                    |                                     | Injection Volume : |                |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PL093043.D        | 1         | 11/12/24 12:20 | 11/13/24 17:42 | PB164960      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|---------------------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |                     |            |         |
| 58-89-9           | gamma-BHC (Lindane)  | 0.049 | U         | 0.049               | 0.50       | ug/L    |
| 76-44-8           | Heptachlor           | 0.054 | U         | 0.054               | 0.50       | ug/L    |
| 1024-57-3         | Heptachlor epoxide   | 0.090 | U         | 0.090               | 0.50       | ug/L    |
| 72-20-8           | Endrin               | 0.043 | U         | 0.043               | 0.50       | ug/L    |
| 72-43-5           | Methoxychlor         | 0.11  | U         | 0.11                | 0.50       | ug/L    |
| 8001-35-2         | Toxaphene            | 1.50  | U         | 1.50                | 10.0       | ug/L    |
| 57-74-9           | Chlordane            | 0.82  | U         | 0.82                | 5.00       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |                     |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 23.1  |           | 30 (43) - 150 (140) | 115%       | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 22.1  |           | 30 (77) - 150 (126) | 110%       | SPK: 20 |

**Comments:**

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111324\  
 Data File : PL093043.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Nov 2024 17:42  
 Operator : AR\AJ  
 Sample : P4799-03  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

**Instrument :**

ECD\_L

**ClientSampleId :**

WC-TA2-02-C

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :Ankita Jodhani 11/14/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 14 00:37:13 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 28 18:58:23 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|----------|---------|---------|
| -----                       |       |       |          |          |         |         |
| System Monitoring Compounds |       |       |          |          |         |         |
| 1) SA Tetrachlo...          | 3.537 | 2.775 | 52926069 | 60117450 | 21.600m | 22.093m |
| 28) SA Decachlor...         | 9.052 | 7.913 | 41905149 | 62933503 | 21.774  | 23.059  |

## Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111324\  
Data File : PL093043.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Nov 2024 17:42  
Operator : AR\AJ  
Sample : P4799-03  
Misc :  
ALS Vial : 25 Sample Multiplier: 1

**Instrument :**

ECD\_L

**ClientSampleId :**

WC-TA2-02-C

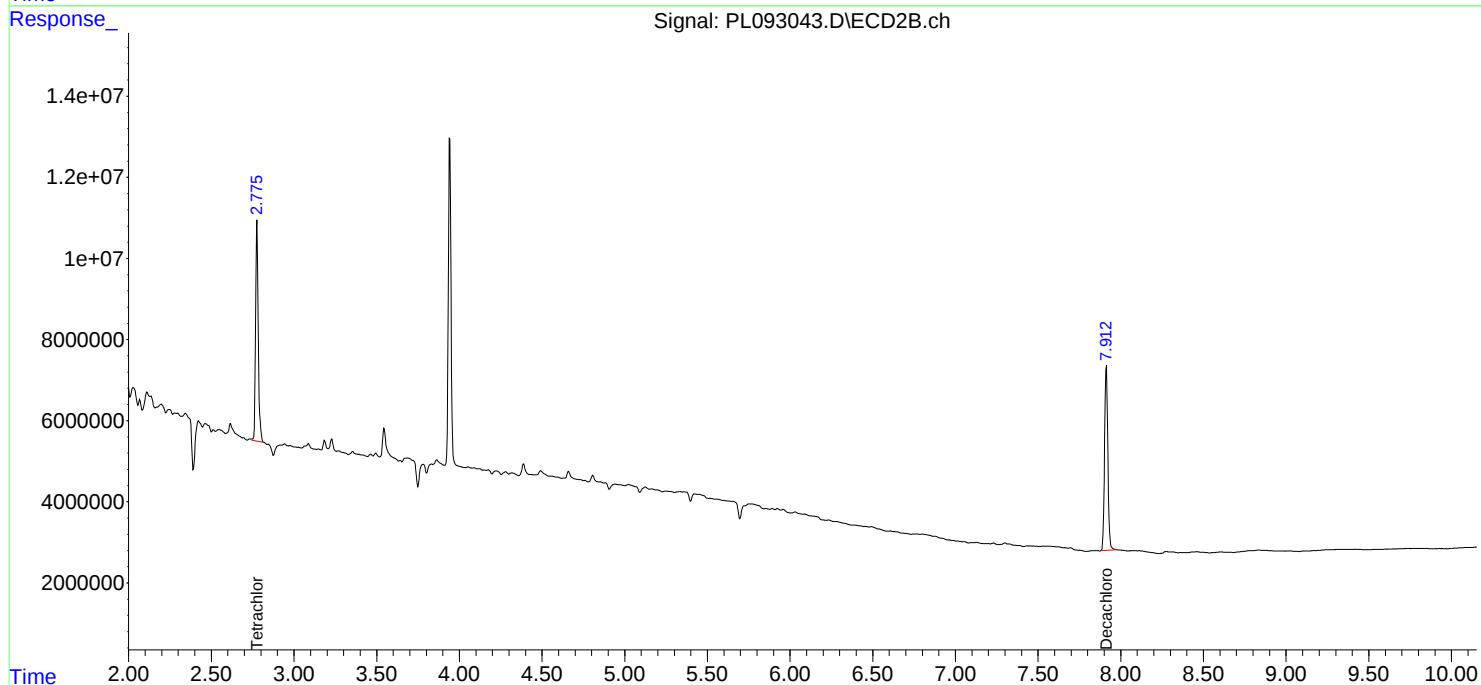
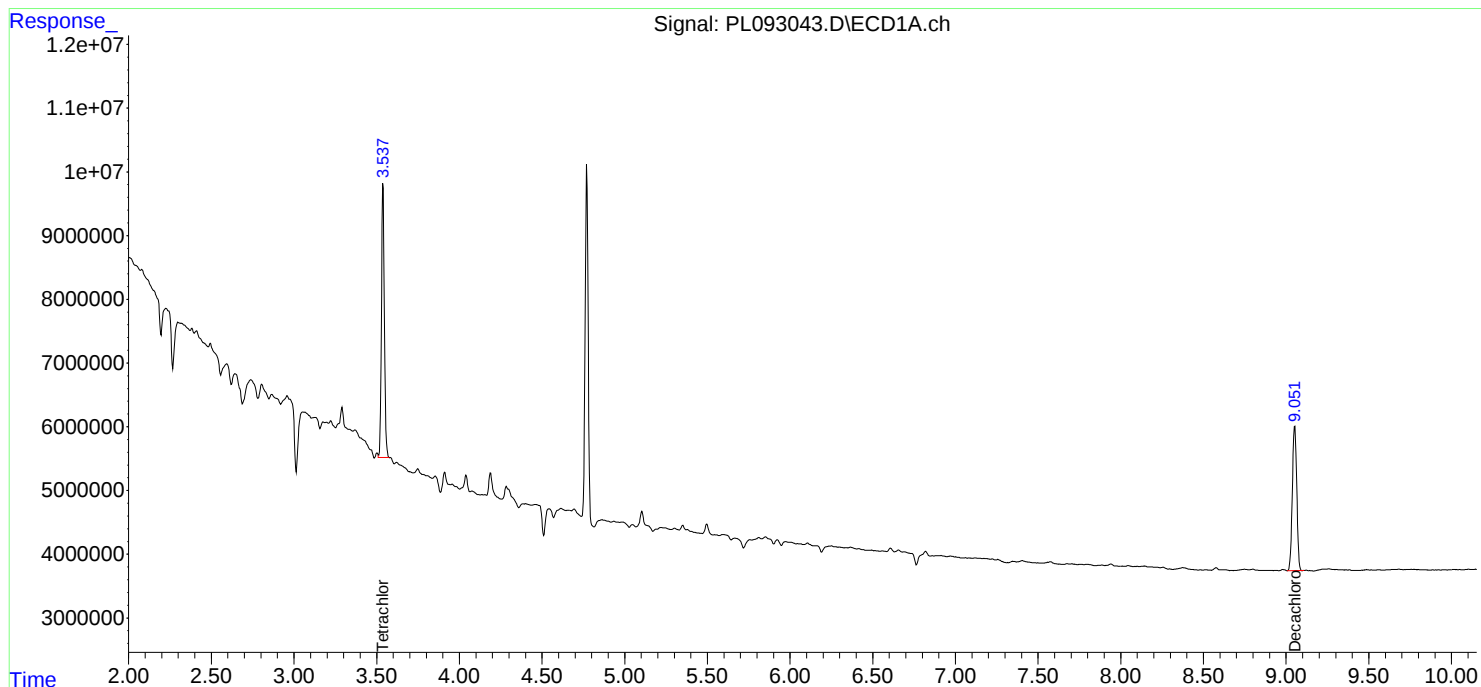
**Manual Integrations****APPROVED**

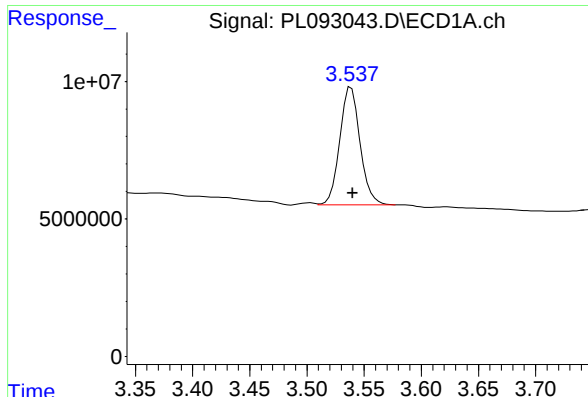
Reviewed By :Yogesh Patel 11/14/2024

Supervised By :Ankita Jodhani 11/14/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 14 00:37:13 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 28 18:58:23 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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





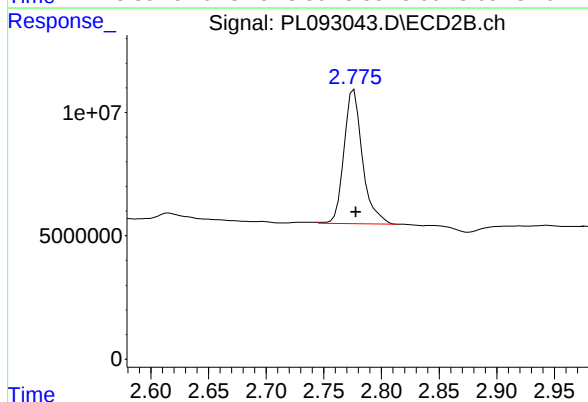
## #1 Tetrachloro-m-xylene

R.T.: 3.537 min  
Delta R.T.: -0.003 min  
Response: 52926069  
Conc: 21.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-TA2-02-C

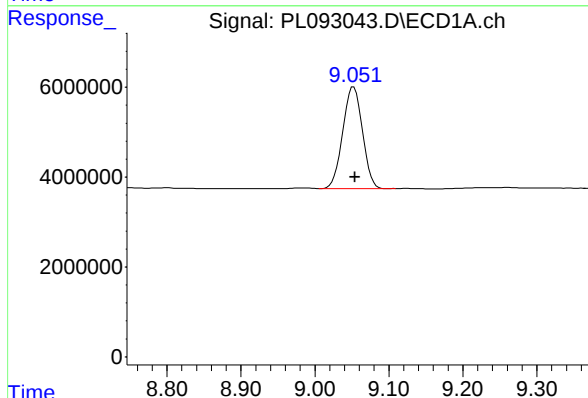
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/14/2024  
Supervised By :Ankita Jodhani 11/14/2024



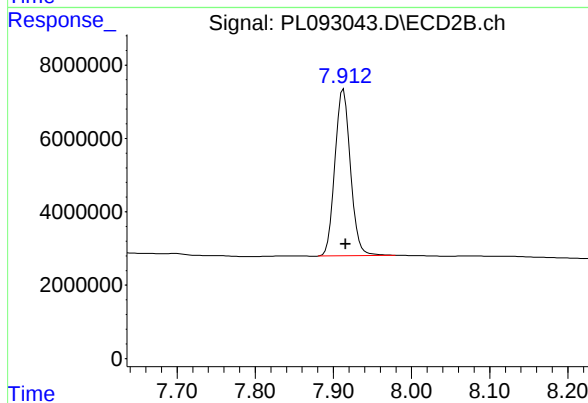
## #1 Tetrachloro-m-xylene

R.T.: 2.775 min  
Delta R.T.: -0.003 min  
Response: 60117450  
Conc: 22.09 ng/ml



## #28 Decachlorobiphenyl

R.T.: 9.052 min  
Delta R.T.: -0.002 min  
Response: 41905149  
Conc: 21.77 ng/ml



## #28 Decachlorobiphenyl

R.T.: 7.913 min  
Delta R.T.: -0.003 min  
Response: 62933503  
Conc: 23.06 ng/ml

## Report of Analysis

|                    |                                     |                    |                |
|--------------------|-------------------------------------|--------------------|----------------|
| Client:            | ENTACT                              | Date Collected:    | 11/01/24       |
| Project:           | 540 Degraw St, Brooklyn, NY - E9309 | Date Received:     | 11/08/24       |
| Client Sample ID:  | WC-TA2-03-C                         | SDG No.:           | P4799          |
| Lab Sample ID:     | P4799-07                            | Matrix:            | TCLP           |
| Analytical Method: | SW8081                              | % Solid:           | 0              |
| Sample Wt/Vol:     | 100                                 | Units:             | mL             |
| Soil Aliquot Vol:  |                                     |                    | uL             |
| Extraction Type:   |                                     | Test:              | TCLP Pesticide |
| GPC Factor :       | 1.0                                 | PH :               |                |
| Prep Method :      | SW3541B                             | Injection Volume : |                |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PL093046.D        | 1         | 11/12/24 12:20 | 11/13/24 18:23 | PB164960      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|---------------------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |                     |            |         |
| 58-89-9           | gamma-BHC (Lindane)  | 0.049 | U         | 0.049               | 0.50       | ug/L    |
| 76-44-8           | Heptachlor           | 0.054 | U         | 0.054               | 0.50       | ug/L    |
| 1024-57-3         | Heptachlor epoxide   | 0.090 | U         | 0.090               | 0.50       | ug/L    |
| 72-20-8           | Endrin               | 0.043 | U         | 0.043               | 0.50       | ug/L    |
| 72-43-5           | Methoxychlor         | 0.11  | U         | 0.11                | 0.50       | ug/L    |
| 8001-35-2         | Toxaphene            | 1.50  | U         | 1.50                | 10.0       | ug/L    |
| 57-74-9           | Chlordane            | 0.82  | U         | 0.82                | 5.00       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |                     |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 19.8  |           | 30 (43) - 150 (140) | 99%        | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 21.4  |           | 30 (77) - 150 (126) | 107%       | SPK: 20 |

**Comments:**

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111324\  
 Data File : PL093046.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Nov 2024 18:23  
 Operator : AR\AJ  
 Sample : P4799-07  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 WC-TA2-03-C

**Manual Integrations**  
**APPROVED**

Reviewed By :Yogesh Patel 11/14/2024  
 Supervised By :Ankita Jodhani 11/14/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 14 00:38:18 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 28 18:58:23 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|----------|---------|---------|
| -----                       |       |       |          |          |         |         |
| System Monitoring Compounds |       |       |          |          |         |         |
| 1) SA Tetrachlo...          | 3.537 | 2.775 | 52454614 | 55953664 | 21.408m | 20.562m |
| 28) SA Decachlor...         | 9.051 | 7.913 | 35955204 | 54137932 | 18.682  | 19.836  |

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111324\  
Data File : PL093046.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Nov 2024 18:23  
Operator : AR\AJ  
Sample : P4799-07  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

**Instrument :**

ECD\_L

**ClientSampleId :**

WC-TA2-03-C

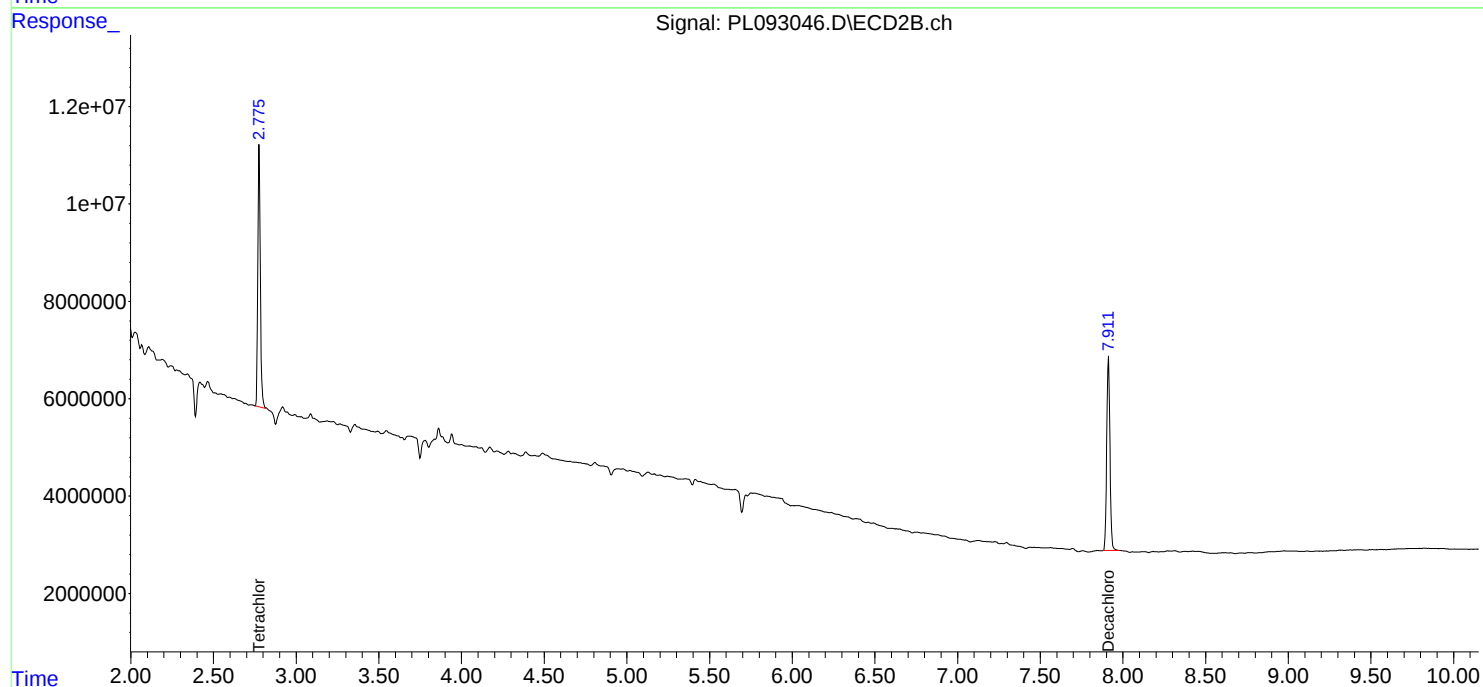
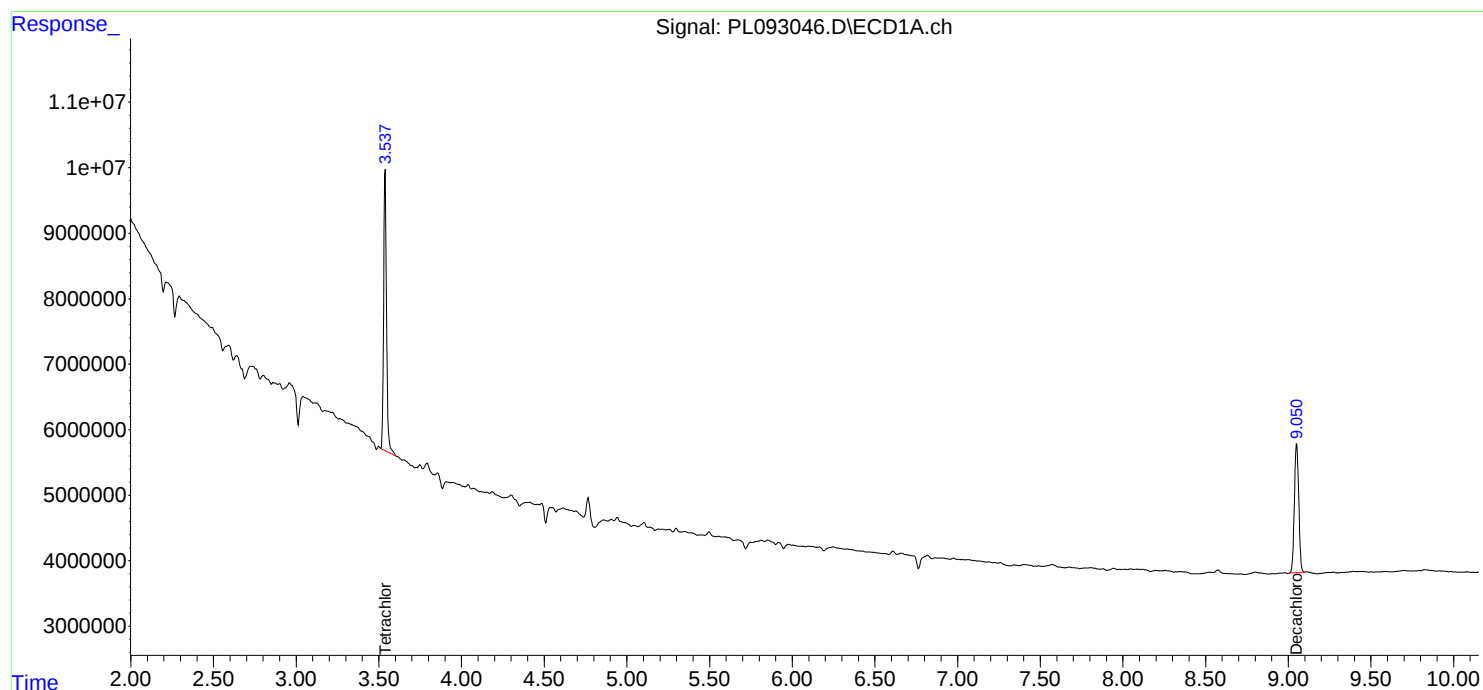
**Manual Integrations****APPROVED**

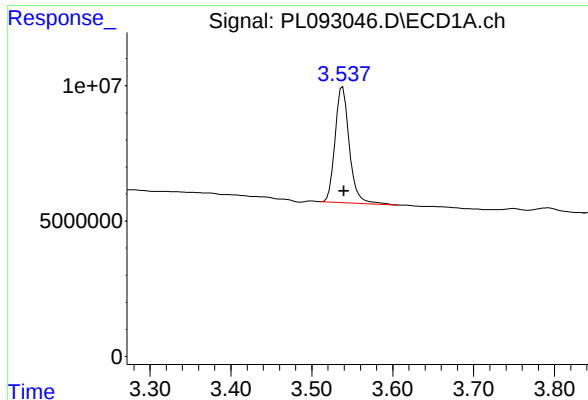
Reviewed By :Yogesh Patel 11/14/2024

Supervised By :Ankita Jodhani 11/14/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 14 00:38:18 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 28 18:58:23 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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





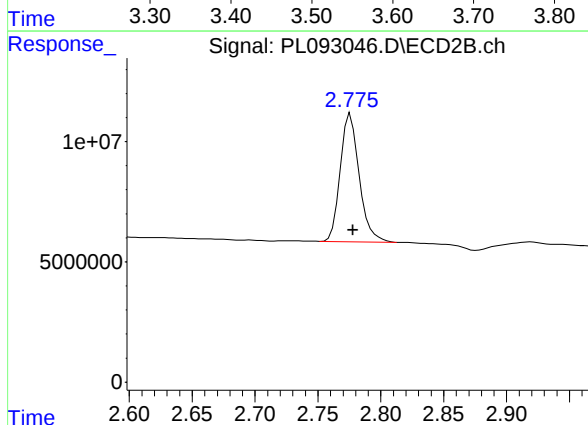
#1 Tetrachloro-m-xylene

R.T.: 3.537 min  
Delta R.T.: -0.003 min  
Response: 52454614  
Conc: 21.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-TA2-03-C

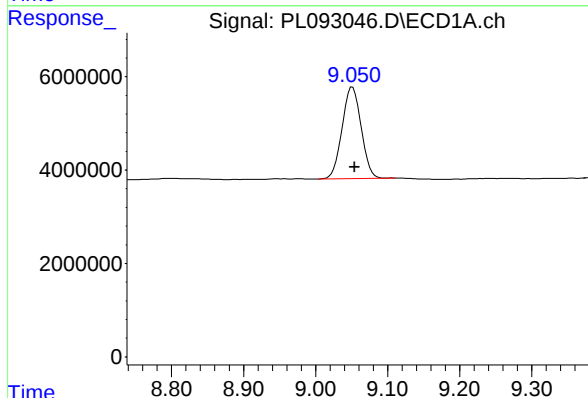
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/14/2024  
Supervised By :Ankita Jodhani 11/14/2024



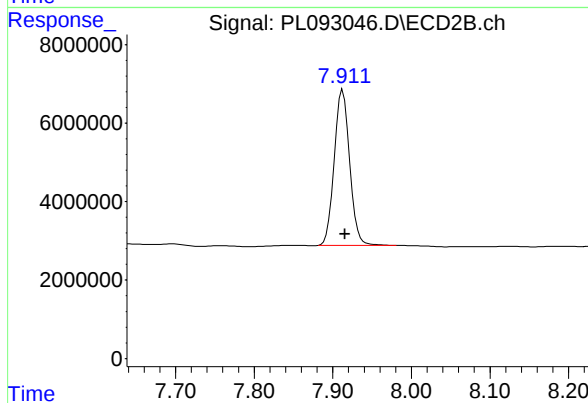
#1 Tetrachloro-m-xylene

R.T.: 2.775 min  
Delta R.T.: -0.003 min  
Response: 55953664  
Conc: 20.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.051 min  
Delta R.T.: -0.003 min  
Response: 35955204  
Conc: 18.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.913 min  
Delta R.T.: -0.003 min  
Response: 54137932  
Conc: 19.84 ng/ml

## Report of Analysis

|                    |                                     |                    |                  |
|--------------------|-------------------------------------|--------------------|------------------|
| Client:            | ENTACT                              | Date Collected:    | 11/04/24         |
| Project:           | 540 Degraw St, Brooklyn, NY - E9309 | Date Received:     | 11/08/24         |
| Client Sample ID:  | WC-TA1-01-C                         | SDG No.:           | P4799            |
| Lab Sample ID:     | P4799-11                            | Matrix:            | TCLP             |
| Analytical Method: | SW8081                              | % Solid:           | 0      Decanted: |
| Sample Wt/Vol:     | 100      Units:    mL               | Final Vol:         | 10000      uL    |
| Soil Aliquot Vol:  | uL                                  | Test:              | TCLP Pesticide   |
| Extraction Type:   |                                     | Injection Volume : |                  |
| GPC Factor :       | 1.0      PH :                       |                    |                  |
| Prep Method :      | SW3541B                             |                    |                  |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PL093047.D        | 1         | 11/12/24 12:20 | 11/13/24 18:36 | PB164960      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|---------------------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |                     |            |         |
| 58-89-9           | gamma-BHC (Lindane)  | 0.049 | U         | 0.049               | 0.50       | ug/L    |
| 76-44-8           | Heptachlor           | 0.054 | U         | 0.054               | 0.50       | ug/L    |
| 1024-57-3         | Heptachlor epoxide   | 0.090 | U         | 0.090               | 0.50       | ug/L    |
| 72-20-8           | Endrin               | 0.043 | U         | 0.043               | 0.50       | ug/L    |
| 72-43-5           | Methoxychlor         | 0.11  | U         | 0.11                | 0.50       | ug/L    |
| 8001-35-2         | Toxaphene            | 1.50  | U         | 1.50                | 10.0       | ug/L    |
| 57-74-9           | Chlordane            | 0.82  | U         | 0.82                | 5.00       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |                     |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 22.5  |           | 30 (43) - 150 (140) | 112%       | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 21.5  |           | 30 (77) - 150 (126) | 108%       | SPK: 20 |

**Comments:**

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111324\  
 Data File : PL093047.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Nov 2024 18:36  
 Operator : AR\AJ  
 Sample : P4799-11  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 WC-TA1-01-C

**Manual Integrations**  
**APPROVED**

Reviewed By :Yogesh Patel 11/14/2024  
 Supervised By :Ankita Jodhani 11/14/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 14 00:38:36 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 28 18:58:23 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|----------|---------|---------|
| -----                       |       |       |          |          |         |         |
| System Monitoring Compounds |       |       |          |          |         |         |
| 1) SA Tetrachlo...          | 3.537 | 2.775 | 52777313 | 57801506 | 21.540m | 21.241m |
| 28) SA Decachlor...         | 9.051 | 7.912 | 40605506 | 61317996 | 21.099  | 22.467  |

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111324\  
Data File : PL093047.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Nov 2024 18:36  
Operator : AR\AJ  
Sample : P4799-11  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

WC-TA1-01-C

## Manual Integrations

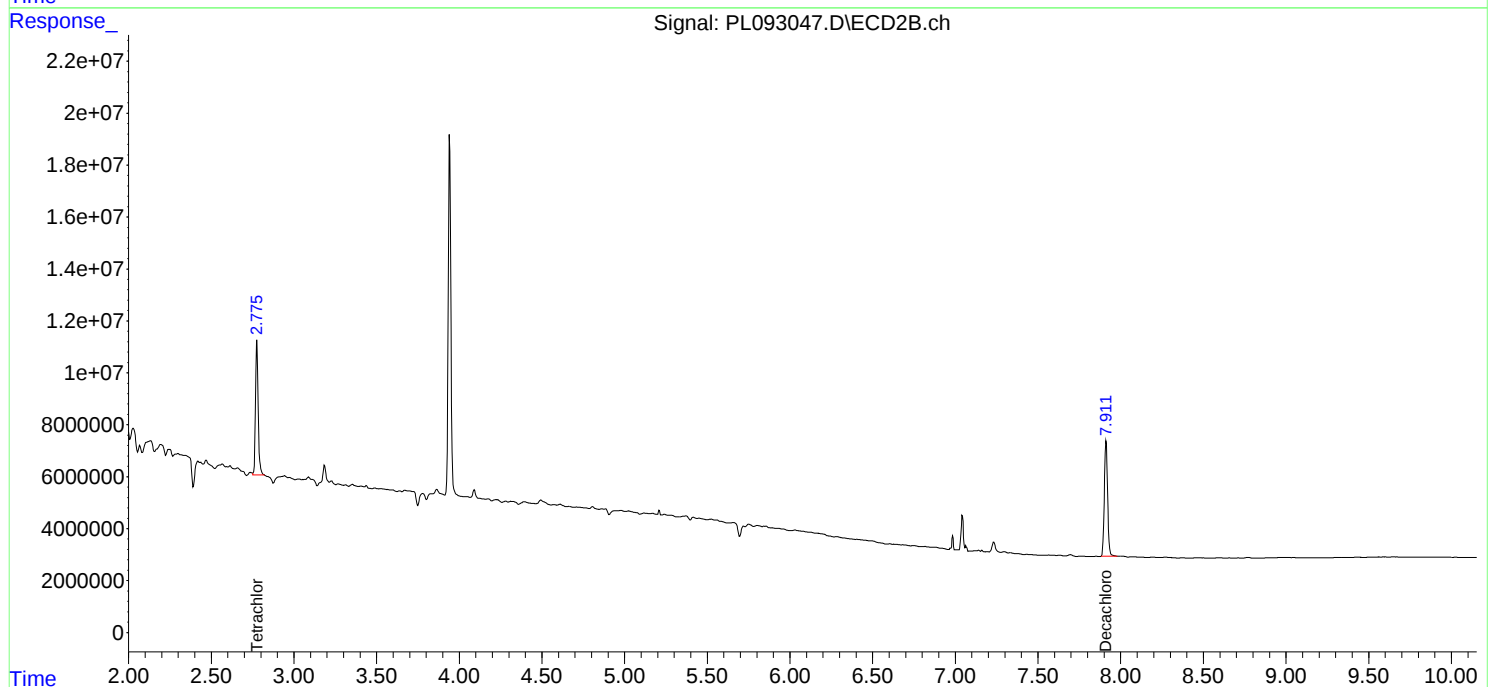
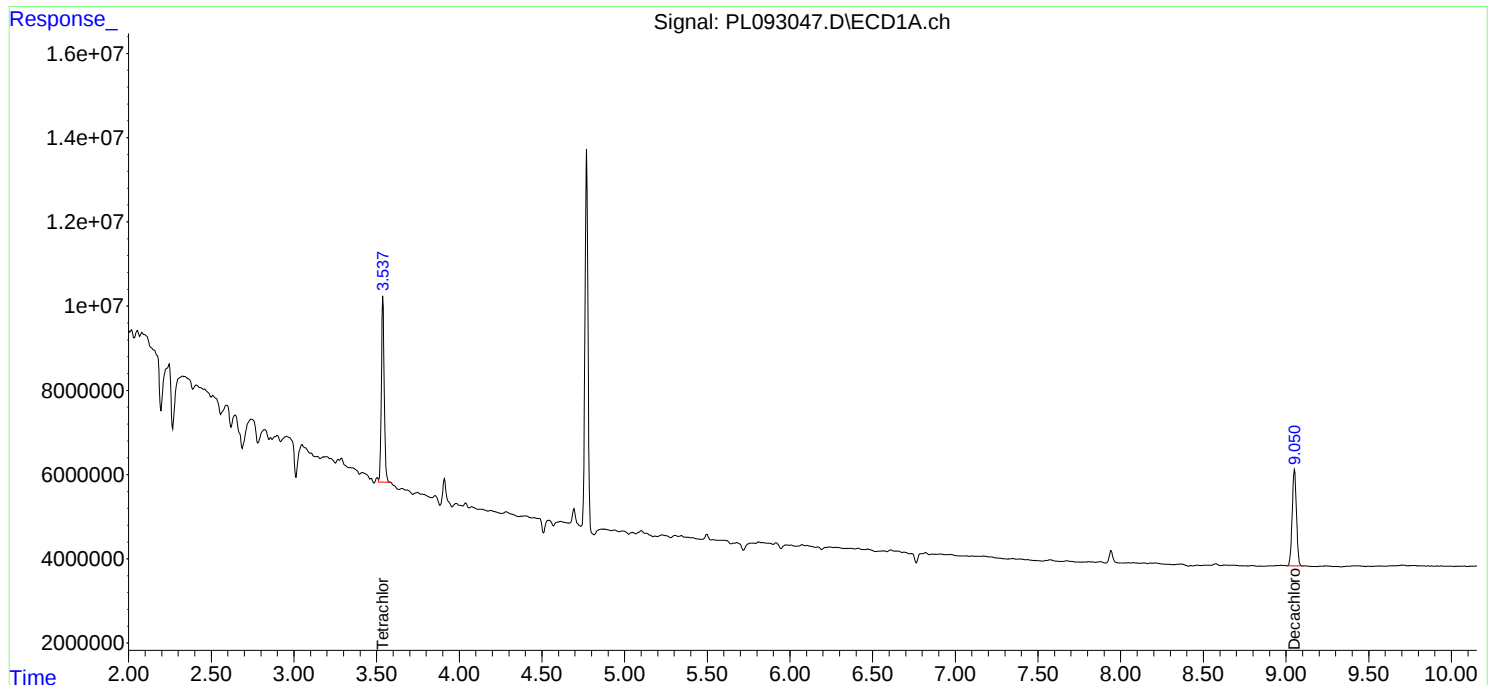
## APPROVED

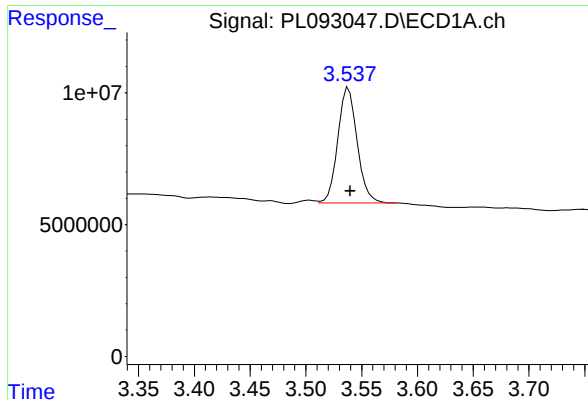
Reviewed By :Yogesh Patel 11/14/2024

Supervised By :Ankita Jodhani 11/14/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 14 00:38:36 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 28 18:58:23 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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





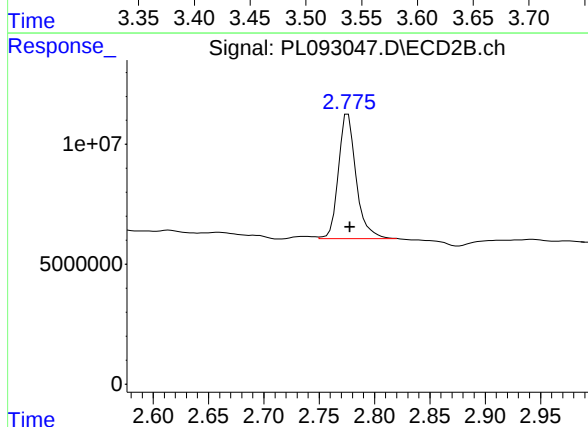
## #1 Tetrachloro-m-xylene

R.T.: 3.537 min  
Delta R.T.: -0.003 min  
Response: 52777313  
Conc: 21.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-TA1-01-C

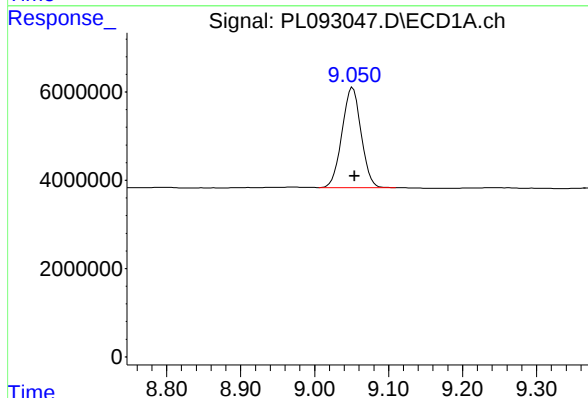
**Manual Integrations**  
**APPROVED**

Reviewed By :Yogesh Patel 11/14/2024  
Supervised By :Ankita Jodhani 11/14/2024



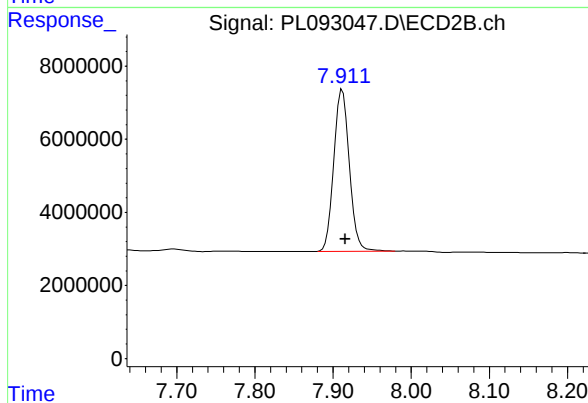
## #1 Tetrachloro-m-xylene

R.T.: 2.775 min  
Delta R.T.: -0.003 min  
Response: 57801506  
Conc: 21.24 ng/ml



## #28 Decachlorobiphenyl

R.T.: 9.051 min  
Delta R.T.: -0.003 min  
Response: 40605506  
Conc: 21.10 ng/ml



## #28 Decachlorobiphenyl

R.T.: 7.912 min  
Delta R.T.: -0.004 min  
Response: 61317996  
Conc: 22.47 ng/ml

## Report of Analysis

|                    |                                     |                    |                |
|--------------------|-------------------------------------|--------------------|----------------|
| Client:            | ENTACT                              | Date Collected:    | 11/05/24       |
| Project:           | 540 Degraw St, Brooklyn, NY - E9309 | Date Received:     | 11/08/24       |
| Client Sample ID:  | WC-TA1-02-C                         | SDG No.:           | P4799          |
| Lab Sample ID:     | P4799-15                            | Matrix:            | TCLP           |
| Analytical Method: | SW8081                              | % Solid:           | 0              |
| Sample Wt/Vol:     | 100                                 | Units:             | mL             |
| Soil Aliquot Vol:  |                                     |                    | uL             |
| Extraction Type:   |                                     | Test:              | TCLP Pesticide |
| GPC Factor :       | 1.0                                 | PH :               |                |
| Prep Method :      | SW3541B                             | Decanted:          |                |
|                    |                                     | Final Vol:         | 10000          |
|                    |                                     | Injection Volume : |                |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PL093048.D        | 1         | 11/12/24 12:20 | 11/13/24 18:50 | PB164960      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|---------------------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |                     |            |         |
| 58-89-9           | gamma-BHC (Lindane)  | 0.049 | U         | 0.049               | 0.50       | ug/L    |
| 76-44-8           | Heptachlor           | 0.054 | U         | 0.054               | 0.50       | ug/L    |
| 1024-57-3         | Heptachlor epoxide   | 0.090 | U         | 0.090               | 0.50       | ug/L    |
| 72-20-8           | Endrin               | 0.043 | U         | 0.043               | 0.50       | ug/L    |
| 72-43-5           | Methoxychlor         | 0.11  | U         | 0.11                | 0.50       | ug/L    |
| 8001-35-2         | Toxaphene            | 1.50  | U         | 1.50                | 10.0       | ug/L    |
| 57-74-9           | Chlordane            | 0.82  | U         | 0.82                | 5.00       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |                     |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 22.6  |           | 30 (43) - 150 (140) | 113%       | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 20.6  |           | 30 (77) - 150 (126) | 103%       | SPK: 20 |

**Comments:**

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111324\  
 Data File : PL093048.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Nov 2024 18:50  
 Operator : AR\AJ  
 Sample : P4799-15  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 WC-TA1-02-C

**Manual Integrations**  
**APPROVED**

Reviewed By :Yogesh Patel 11/14/2024  
 Supervised By :Ankita Jodhani 11/14/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 14 00:38:54 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 28 18:58:23 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|----------|---------|---------|
| -----                       |       |       |          |          |         |         |
| System Monitoring Compounds |       |       |          |          |         |         |
| 1) SA Tetrachlo...          | 3.537 | 2.775 | 49238372 | 56054232 | 20.095m | 20.599m |
| 28) SA Decachlor...         | 9.052 | 7.913 | 41674438 | 61679253 | 21.654  | 22.599  |

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111324\  
Data File : PL093048.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Nov 2024 18:50  
Operator : AR\AJ  
Sample : P4799-15  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

**Instrument :**

ECD\_L

**ClientSampleId :**

WC-TA1-02-C

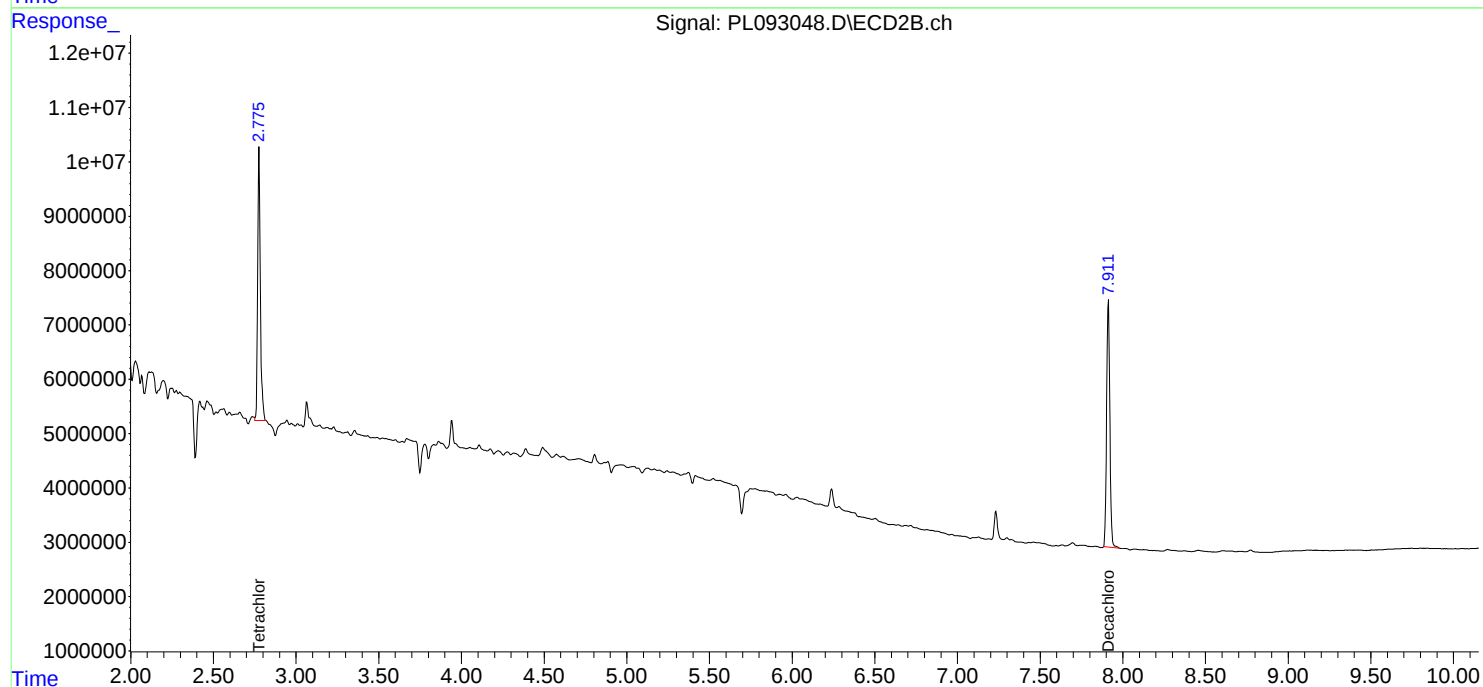
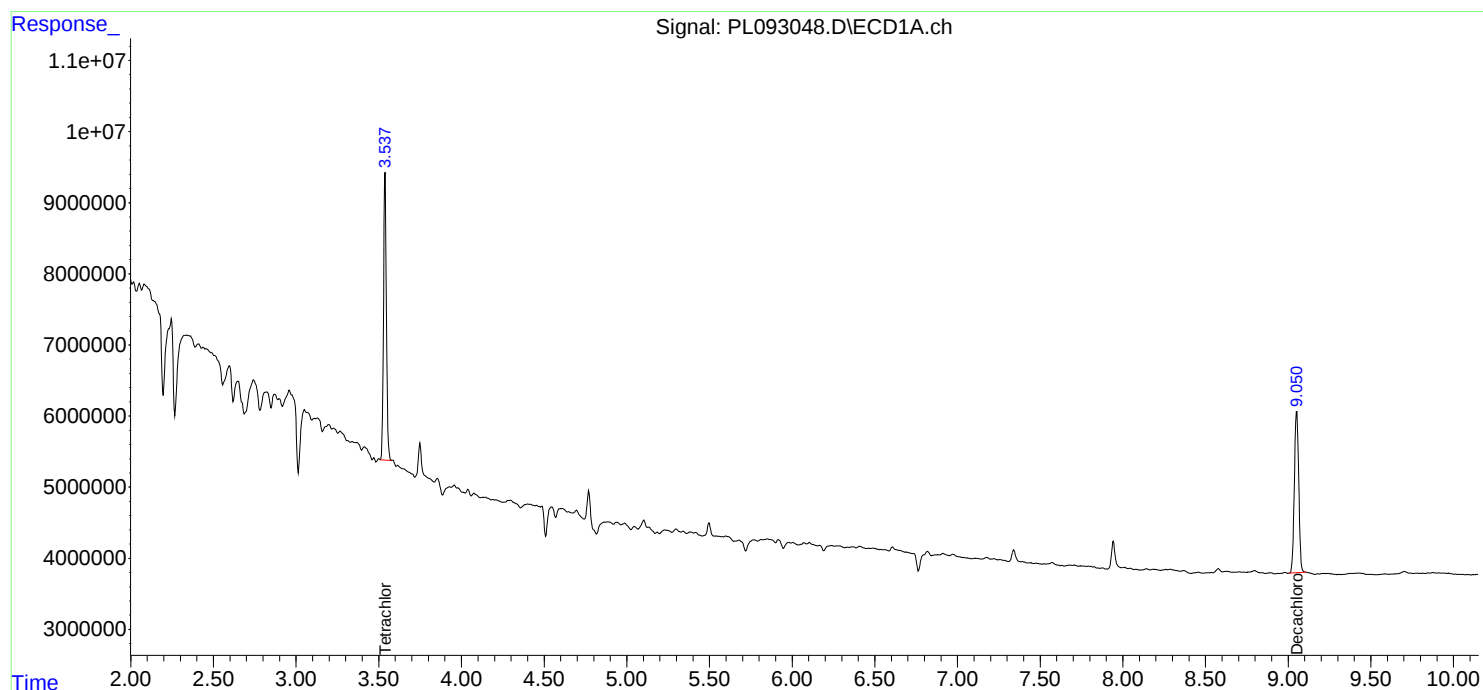
**Manual Integrations****APPROVED**

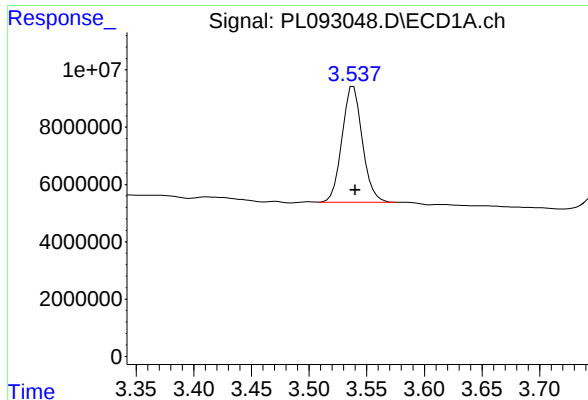
Reviewed By :Yogesh Patel 11/14/2024

Supervised By :Ankita Jodhani 11/14/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 14 00:38:54 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 28 18:58:23 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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





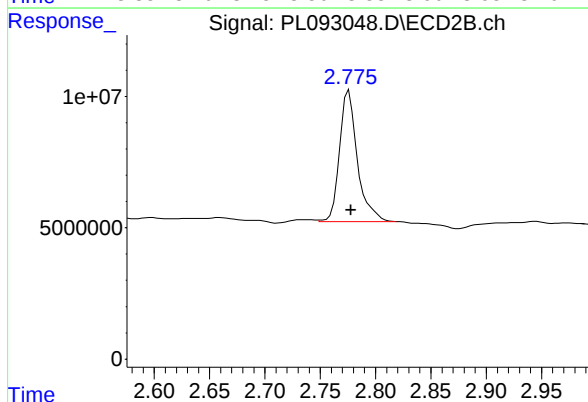
## #1 Tetrachloro-m-xylene

R.T.: 3.537 min  
Delta R.T.: -0.003 min  
Response: 49238372  
Conc: 20.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-TA1-02-C

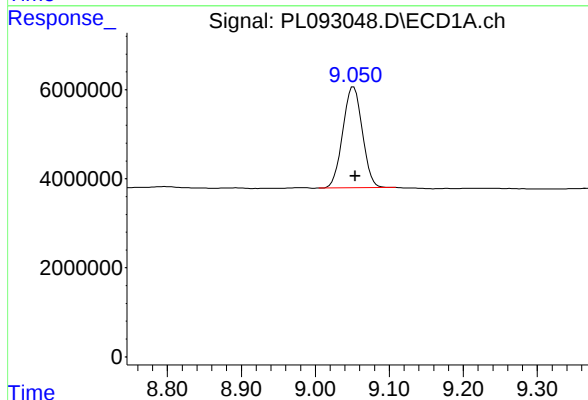
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/14/2024  
Supervised By :Ankita Jodhani 11/14/2024



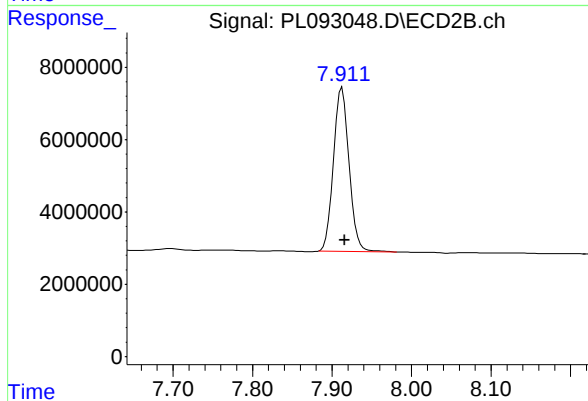
## #1 Tetrachloro-m-xylene

R.T.: 2.775 min  
Delta R.T.: -0.003 min  
Response: 56054232  
Conc: 20.60 ng/ml



## #28 Decachlorobiphenyl

R.T.: 9.052 min  
Delta R.T.: -0.002 min  
Response: 41674438  
Conc: 21.65 ng/ml



## #28 Decachlorobiphenyl

R.T.: 7.913 min  
Delta R.T.: -0.003 min  
Response: 61679253  
Conc: 22.60 ng/ml

## Report of Analysis

|                    |                                     |        |    |                    |                |  |           |
|--------------------|-------------------------------------|--------|----|--------------------|----------------|--|-----------|
| Client:            | ENTACT                              |        |    | Date Collected:    | 11/06/24       |  |           |
| Project:           | 540 Degraw St, Brooklyn, NY - E9309 |        |    | Date Received:     | 11/08/24       |  |           |
| Client Sample ID:  | WC-TA1-03-C                         |        |    | SDG No.:           | P4799          |  |           |
| Lab Sample ID:     | P4799-19                            |        |    | Matrix:            | TCLP           |  |           |
| Analytical Method: | SW8081                              |        |    | % Solid:           | 0              |  | Decanted: |
| Sample Wt/Vol:     | 100                                 | Units: | mL | Final Vol:         | 10000          |  | uL        |
| Soil Aliquot Vol:  |                                     |        | uL | Test:              | TCLP Pesticide |  |           |
| Extraction Type:   |                                     |        |    | Injection Volume : |                |  |           |
| GPC Factor :       | 1.0                                 | PH :   |    |                    |                |  |           |
| Prep Method :      | SW3541B                             |        |    |                    |                |  |           |

| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
|-------------------|-----------|----------------|----------------|---------------|
| PL093049.D        | 1         | 11/12/24 12:20 | 11/13/24 19:03 | PB164960      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|---------------------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |                     |            |         |
| 58-89-9           | gamma-BHC (Lindane)  | 0.049 | U         | 0.049               | 0.50       | ug/L    |
| 76-44-8           | Heptachlor           | 0.054 | U         | 0.054               | 0.50       | ug/L    |
| 1024-57-3         | Heptachlor epoxide   | 0.090 | U         | 0.090               | 0.50       | ug/L    |
| 72-20-8           | Endrin               | 0.043 | U         | 0.043               | 0.50       | ug/L    |
| 72-43-5           | Methoxychlor         | 0.11  | U         | 0.11                | 0.50       | ug/L    |
| 8001-35-2         | Toxaphene            | 1.50  | U         | 1.50                | 10.0       | ug/L    |
| 57-74-9           | Chlordane            | 0.82  | U         | 0.82                | 5.00       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |                     |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 23.8  |           | 30 (43) - 150 (140) | 119%       | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 19.9  |           | 30 (77) - 150 (126) | 100%       | SPK: 20 |

## Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >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 OC 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\_L\Data\PL111324\  
 Data File : PL093049.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Nov 2024 19:03  
 Operator : AR\AJ  
 Sample : P4799-19  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 WC-TA1-03-C

**Manual Integrations**  
**APPROVED**

Reviewed By :Yogesh Patel 11/14/2024  
 Supervised By :Ankita Jodhani 11/14/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 14 00:39:15 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 28 18:58:23 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml  |
|-----------------------------|-------|-------|----------|----------|---------|--------|
| -----                       |       |       |          |          |         |        |
| System Monitoring Compounds |       |       |          |          |         |        |
| 1) SA Tetrachlo...          | 3.537 | 2.776 | 48845638 | 53208678 | 19.935m | 19.554 |
| 28) SA Decachlor...         | 9.052 | 7.913 | 42376506 | 64841582 | 22.019  | 23.758 |

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111324\  
Data File : PL093049.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Nov 2024 19:03  
Operator : AR\AJ  
Sample : P4799-19  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

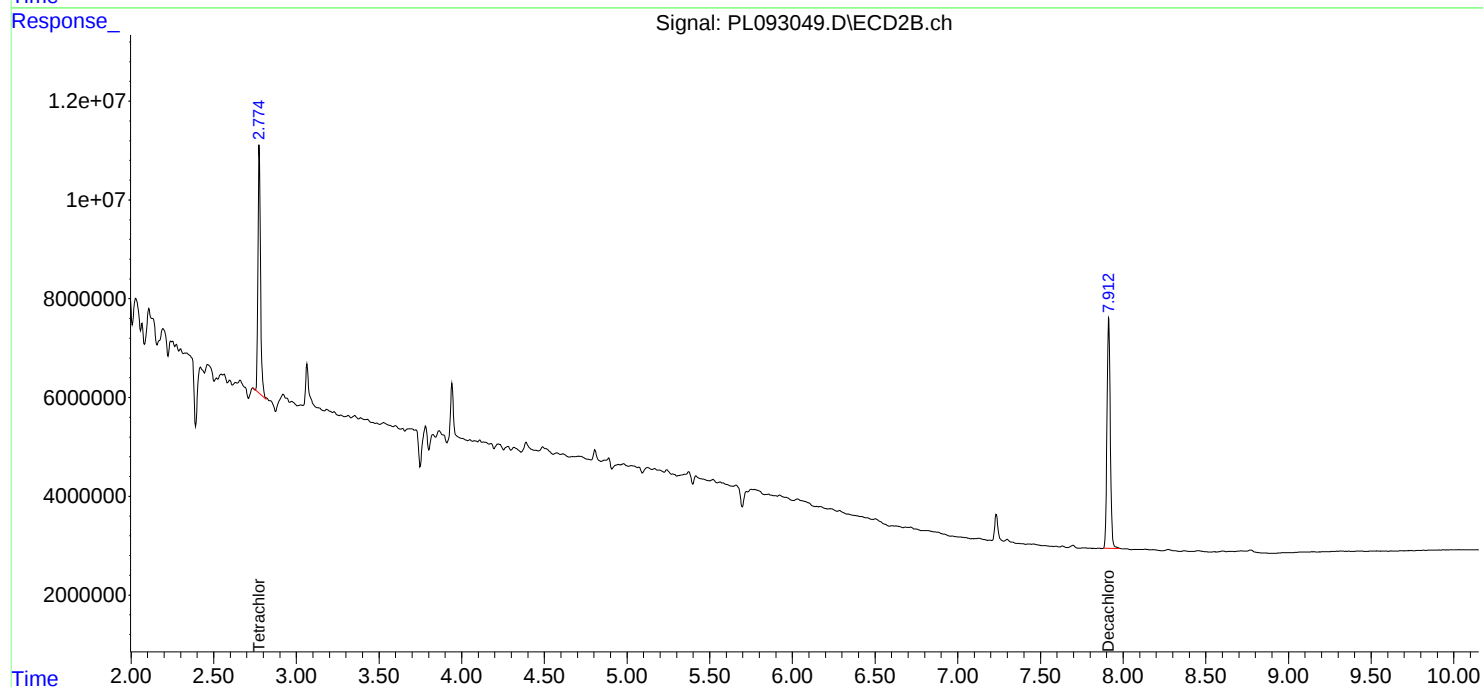
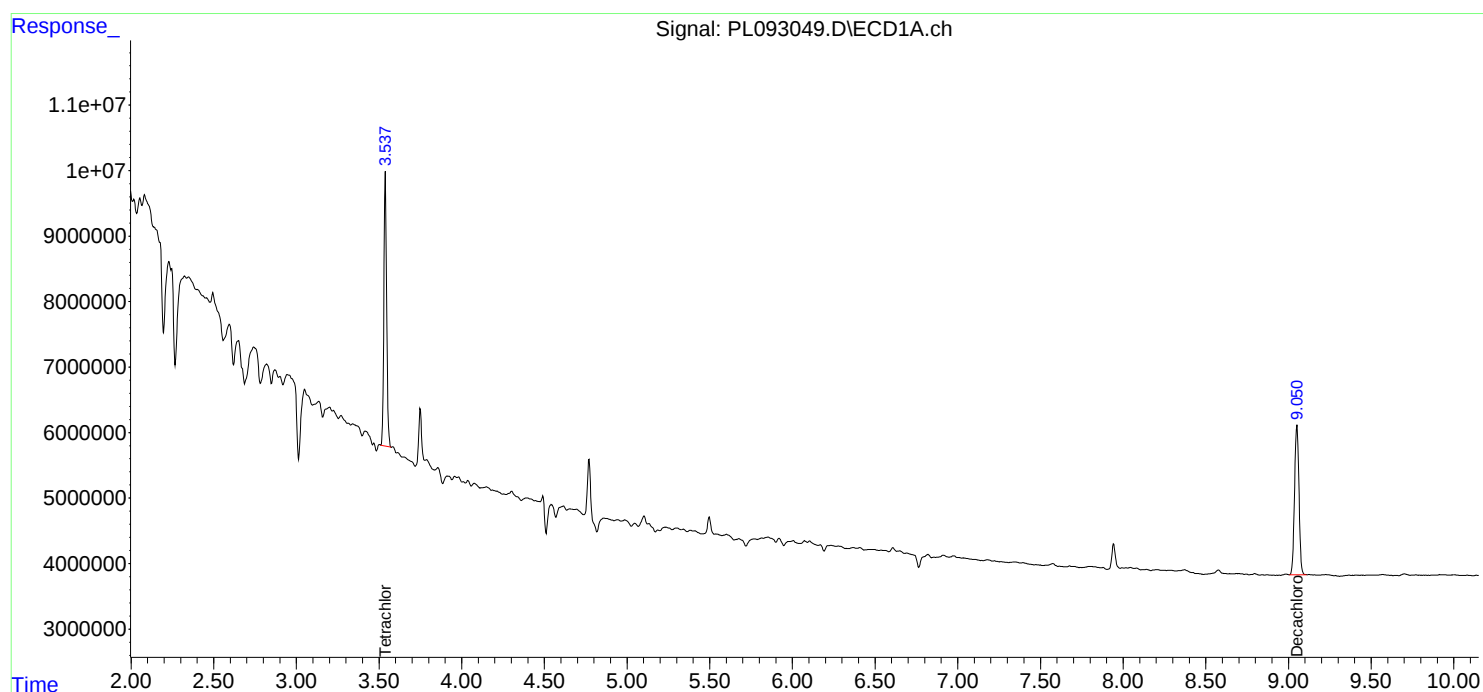
Instrument :  
ECD\_L  
ClientSampleId :  
WC-TA1-03-C

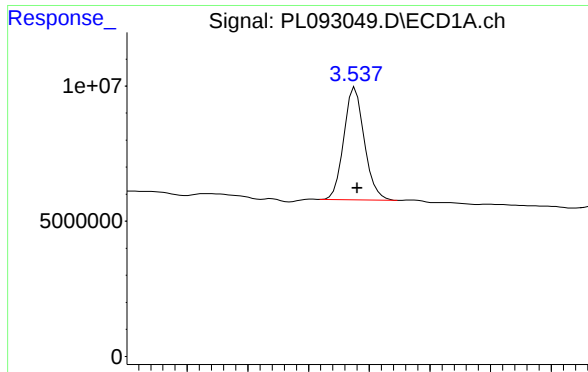
Manual Integrations  
**APPROVED**

Reviewed By :Yogesh Patel 11/14/2024  
Supervised By :Ankita Jodhani 11/14/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 14 00:39:15 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 28 18:58:23 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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





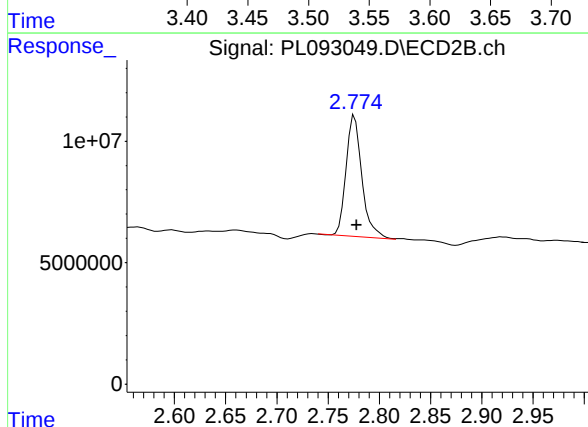
## #1 Tetrachloro-m-xylene

R.T.: 3.537 min  
Delta R.T.: -0.003 min  
Response: 48845638  
Conc: 19.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-TA1-03-C

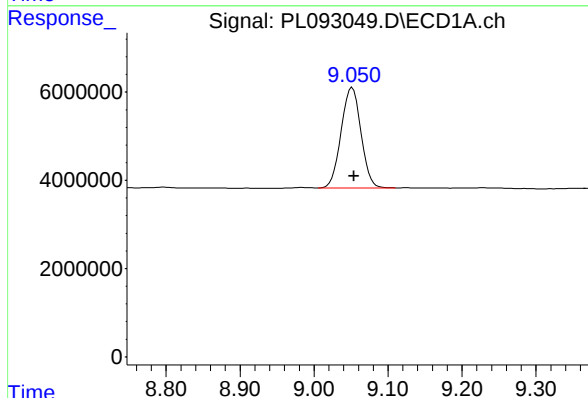
Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/14/2024  
Supervised By :Ankita Jodhani 11/14/2024



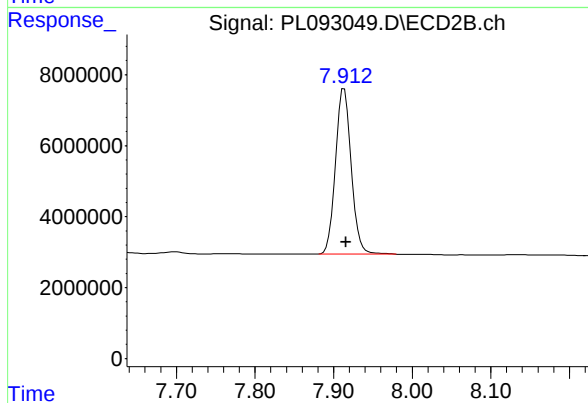
## #1 Tetrachloro-m-xylene

R.T.: 2.776 min  
Delta R.T.: -0.002 min  
Response: 53208678  
Conc: 19.55 ng/ml



## #28 Decachlorobiphenyl

R.T.: 9.052 min  
Delta R.T.: -0.002 min  
Response: 42376506  
Conc: 22.02 ng/ml



## #28 Decachlorobiphenyl

R.T.: 7.913 min  
Delta R.T.: -0.002 min  
Response: 64841582  
Conc: 23.76 ng/ml

## Report of Analysis

|                    |                                     |                    |                  |
|--------------------|-------------------------------------|--------------------|------------------|
| Client:            | ENTACT                              | Date Collected:    |                  |
| Project:           | 540 Degraw St, Brooklyn, NY - E9309 | Date Received:     | 11/12/24         |
| Client Sample ID:  | PB164880TB                          | SDG No.:           | P4799            |
| Lab Sample ID:     | PB164880TB                          | Matrix:            | TCLP             |
| Analytical Method: | SW8081                              | % Solid:           | 0      Decanted: |
| Sample Wt/Vol:     | 100      Units:    mL               | Final Vol:         | 10000      uL    |
| Soil Aliquot Vol:  | uL                                  | Test:              | TCLP Pesticide   |
| Extraction Type:   |                                     | Injection Volume : |                  |
| GPC Factor :       | 1.0      PH :                       |                    |                  |
| Prep Method :      | SW3541B                             |                    |                  |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PL093042.D        | 1         | 11/12/24 12:20 | 11/13/24 17:28 | PB164960      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|---------------------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |                     |            |         |
| 58-89-9           | gamma-BHC (Lindane)  | 0.049 | U         | 0.049               | 0.50       | ug/L    |
| 76-44-8           | Heptachlor           | 0.054 | U         | 0.054               | 0.50       | ug/L    |
| 1024-57-3         | Heptachlor epoxide   | 0.090 | U         | 0.090               | 0.50       | ug/L    |
| 72-20-8           | Endrin               | 0.043 | U         | 0.043               | 0.50       | ug/L    |
| 72-43-5           | Methoxychlor         | 0.11  | U         | 0.11                | 0.50       | ug/L    |
| 8001-35-2         | Toxaphene            | 1.50  | U         | 1.50                | 10.0       | ug/L    |
| 57-74-9           | Chlordane            | 0.82  | U         | 0.82                | 5.00       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |                     |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 23.0  |           | 30 (43) - 150 (140) | 115%       | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 22.1  |           | 30 (77) - 150 (126) | 111%       | SPK: 20 |

**Comments:**

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 E = Value Exceeds Calibration Range  
 P = Indicates >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\_L\Data\PL111324\  
 Data File : PL093042.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Nov 2024 17:28  
 Operator : AR\AJ  
 Sample : PB164880TB  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB164880TB

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 14 00:36:26 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 28 18:58:23 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-------|-------|----------|----------|--------|--------|
| -----                       |       |       |          |          |        |        |
| System Monitoring Compounds |       |       |          |          |        |        |
| 1) SA Tetrachlo...          | 3.539 | 2.776 | 54149630 | 59175778 | 22.100 | 21.746 |
| 28) SA Decachlor...         | 9.052 | 7.913 | 42580848 | 62842188 | 22.125 | 23.026 |

Target Compounds

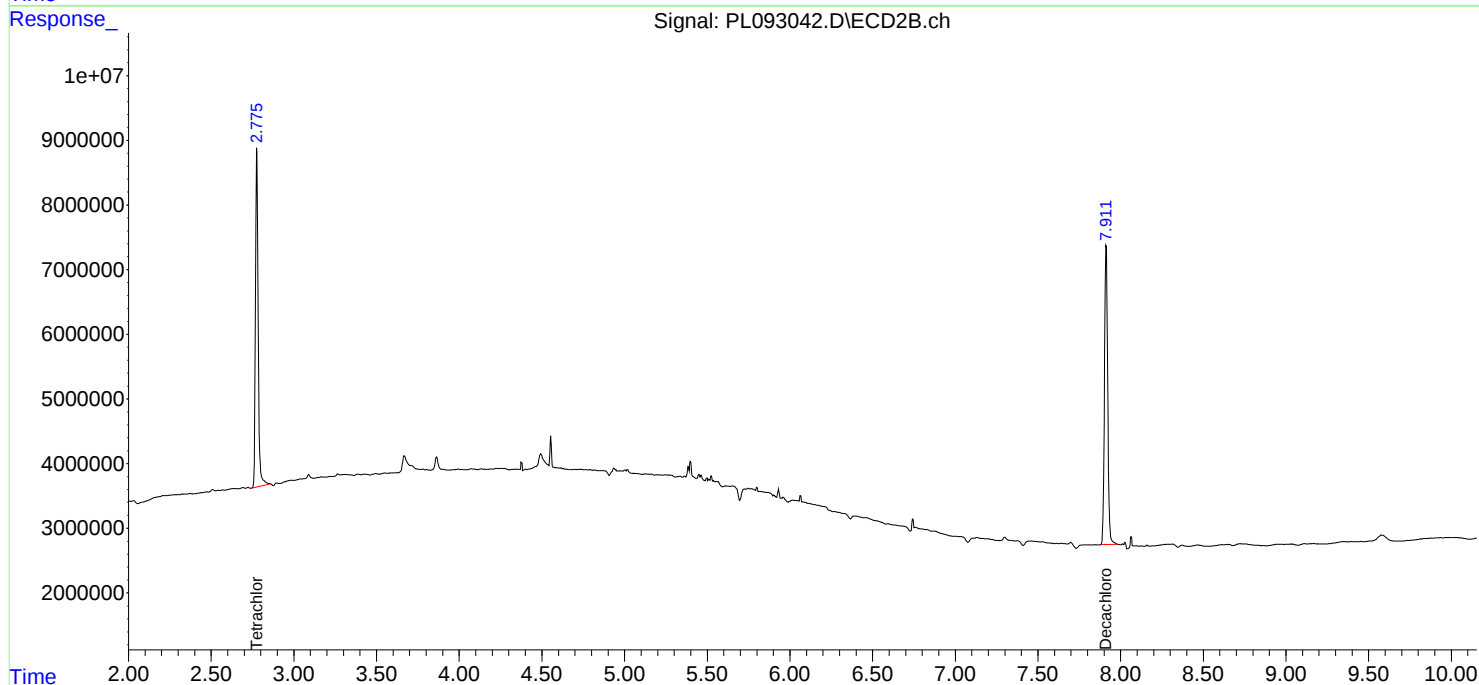
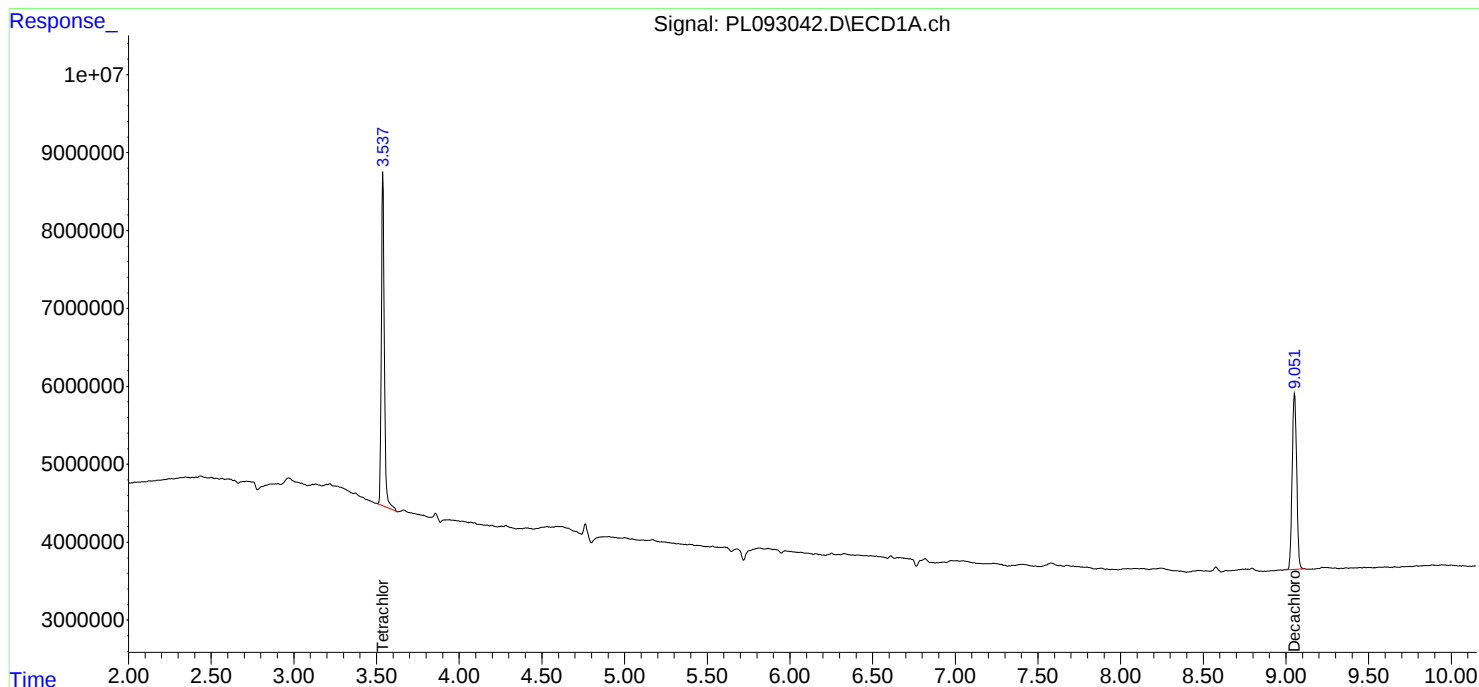
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

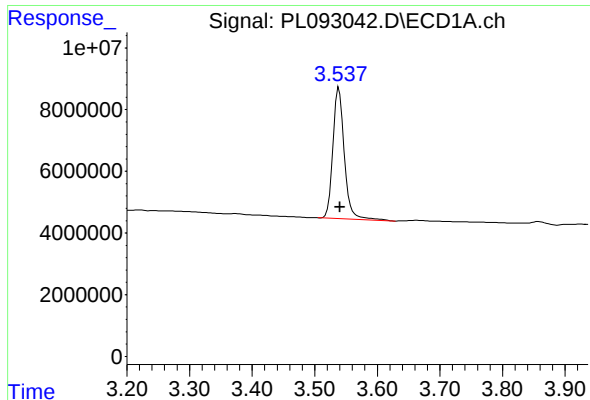
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111324\  
Data File : PL093042.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Nov 2024 17:28  
Operator : AR\AJ  
Sample : PB164880TB  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB164880TB

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 14 00:36:26 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 28 18:58:23 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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

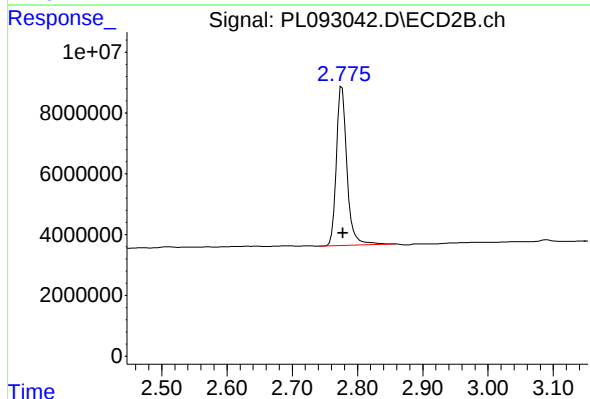




## #1 Tetrachloro-m-xylene

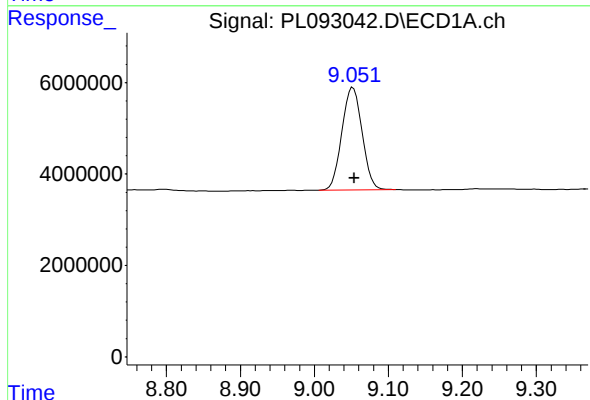
R.T.: 3.539 min  
Delta R.T.: -0.001 min  
Response: 54149630  
Conc: 22.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB164880TB



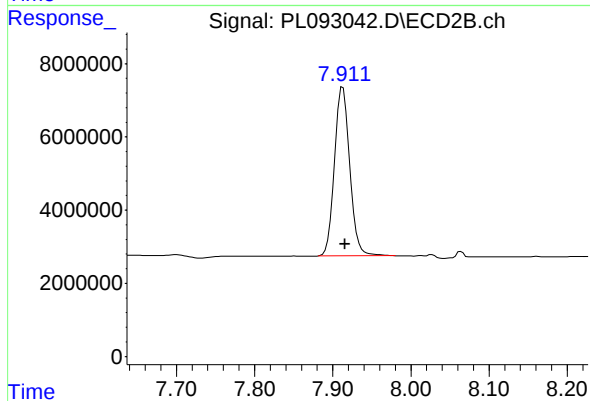
## #1 Tetrachloro-m-xylene

R.T.: 2.776 min  
Delta R.T.: -0.002 min  
Response: 59175778  
Conc: 21.75 ng/ml



## #28 Decachlorobiphenyl

R.T.: 9.052 min  
Delta R.T.: -0.002 min  
Response: 42580848  
Conc: 22.13 ng/ml



## #28 Decachlorobiphenyl

R.T.: 7.913 min  
Delta R.T.: -0.003 min  
Response: 62842188  
Conc: 23.03 ng/ml



# CALIBRATION SUMMARY

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

[illegible]

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

[illegible]



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

### CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: ENTA05

Lab Code: CHEM Case No.: P4799 SAS No.: P4799 SDG NO.: P4799

Instrument ID: ECD\_L

Calibration Date(s): 10/28/2024 10/28/2024

Calibration Times: 14:43 15:36

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

| LAB FILE ID:         |                   | CF 100 =   | <u>PL092655.D</u> | CF 075 =   | <u>PL092656.D</u> |            |       |
|----------------------|-------------------|------------|-------------------|------------|-------------------|------------|-------|
| CF 050 =             | <u>PL092657.D</u> | CF 025 =   | <u>PL092658.D</u> | CF 005 =   | <u>PL092659.D</u> |            |       |
| COMPOUND             | CF 100            | CF 075     | CF 050            | CF 025     | CF 005            | CF         | % RSD |
| Decachlorobiphenyl   | 1738840000        | 1756630000 | 1819720000        | 1998760000 | 2308800000        | 1924550000 | 12    |
| Endrin               | 2111540000        | 2103000000 | 2121260000        | 2324460000 | 2723040000        | 2276660000 | 12    |
| gamma-BHC (Lindane)  | 3198960000        | 3133030000 | 3104430000        | 3278360000 | 3583040000        | 3259560000 | 6     |
| Heptachlor           | 2817300000        | 2795570000 | 2829220000        | 3064000000 | 3509480000        | 3003110000 | 10    |
| Heptachlor epoxide   | 2536240000        | 2521530000 | 2566410000        | 2821600000 | 3361270000        | 2761410000 | 13    |
| Methoxychlor         | 1040530000        | 1050870000 | 1078280000        | 1189160000 | 1341160000        | 1140000000 | 11    |
| Tetrachloro-m-xylene | 2319350000        | 2304070000 | 2328420000        | 2512350000 | 2786990000        | 2450240000 | 8     |



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### CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: ENTA05

Lab Code: CHEM Case No.: P4799 SAS No.: P4799 SDG NO.: P4799

Instrument ID: ECD\_L

Calibration Date(s): 10/28/2024 10/28/2024

Calibration Times: 14:43 15:36

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

| LAB FILE ID:         |            | CF 100 =          | <u>PL092655.D</u> | CF 075 =          | <u>PL092656.D</u> |                   |       |
|----------------------|------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------|
| CF 050 =             |            | <u>PL092657.D</u> | CF 025 =          | <u>PL092658.D</u> | CF 005 =          | <u>PL092659.D</u> |       |
| COMPOUND             | CF 100     | CF 075            | CF 050            | CF 025            | CF 005            | CF                | % RSD |
| Decachlorobiphenyl   | 2606810000 | 2575500000        | 2605540000        | 2793460000        | 3064890000        | 2729240000        | 8     |
| Endrin               | 2969490000 | 2878380000        | 2828080000        | 2876210000        | 2912860000        | 2893010000        | 2     |
| gamma-BHC (Lindane)  | 4083950000 | 3934430000        | 3833920000        | 3828430000        | 3616530000        | 3859450000        | 4     |
| Heptachlor           | 3876200000 | 3766580000        | 3709120000        | 3779090000        | 3738650000        | 3773930000        | 2     |
| Heptachlor epoxide   | 3405420000 | 3318630000        | 3272090000        | 3352830000        | 3358060000        | 3341410000        | 1     |
| Methoxychlor         | 1400820000 | 1385450000        | 1393920000        | 1470360000        | 1489590000        | 1428030000        | 3     |
| Tetrachloro-m-xylene | 2724750000 | 2661560000        | 2643180000        | 2728430000        | 2847900000        | 2721160000        | 3     |



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### INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: ENTA05

Lab Code: CHEM Case No.: P4799 SAS No.: P4799 SDG NO.: P4799

Instrument ID: ECD\_L Date(s) Analyzed: 10/28/2024 10/28/2024

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

| COMPOUND  | AMOUNT<br>(ng) | PEAK | RT   | RT WINDOW |      | CALIBRATION<br>FACTOR |
|-----------|----------------|------|------|-----------|------|-----------------------|
|           |                |      |      | FROM      | TO   |                       |
| Chlordane | 500            | 1    | 4.70 | 4.60      | 4.80 | 106996000             |
|           |                | 2    | 5.23 | 5.13      | 5.33 | 110397000             |
|           |                | 3    | 5.94 | 5.84      | 6.04 | 372388000             |
|           |                | 4    | 6.02 | 5.92      | 6.12 | 458405000             |
|           |                | 5    | 6.87 | 6.77      | 6.97 | 92161100              |
| Toxaphene | 500            | 1    | 6.24 | 6.14      | 6.34 | 23962400              |
|           |                | 2    | 6.44 | 6.34      | 6.54 | 13823600              |
|           |                | 3    | 7.06 | 6.96      | 7.16 | 79159800              |
|           |                | 4    | 7.15 | 7.05      | 7.25 | 59803700              |
|           |                | 5    | 7.93 | 7.83      | 8.03 | 45329200              |



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Fax : 908 789 8922

# INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: ENTA05

Lab Code: CHEM Case No.: P4799 SAS No.: P4799 SDG NO.: P4799

Instrument ID: ECD\_L Date(s) Analyzed: 10/28/2024 10/28/2024

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

| COMPOUND  | AMOUNT<br>(ng) | PEAK | RT   | RT WINDOW |      | CALIBRATION<br>FACTOR |
|-----------|----------------|------|------|-----------|------|-----------------------|
|           |                |      |      | FROM      | TO   |                       |
| Chlordane | 500            | 1    | 3.78 | 3.68      | 3.88 | 105092000             |
|           |                | 2    | 4.35 | 4.25      | 4.45 | 120641000             |
|           |                | 3    | 4.98 | 4.88      | 5.08 | 361048000             |
|           |                | 4    | 5.05 | 4.95      | 5.15 | 346821000             |
|           |                | 5    | 5.94 | 5.84      | 6.04 | 124060000             |
| Toxaphene | 500            | 1    | 5.01 | 4.91      | 5.11 | 19952700              |
|           |                | 2    | 5.33 | 5.23      | 5.43 | 19749600              |
|           |                | 3    | 6.61 | 6.51      | 6.71 | 70222500              |
|           |                | 4    | 6.73 | 6.63      | 6.83 | 98337700              |
|           |                | 5    | 7.05 | 6.95      | 7.15 | 65479700              |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102824\  
 Data File : PL092655.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Oct 2024 14:43  
 Operator : AR\AJ  
 Sample : PSTDICC100  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDICC100

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 28 17:08:56 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 28 17:06:20 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound        | RT#1  | RT#2  | Resp#1  | Resp#2  | ng/ml   | ng/ml   |
|-----------------------------|-----------------|-------|-------|---------|---------|---------|---------|
| -----                       |                 |       |       |         |         |         |         |
| System Monitoring Compounds |                 |       |       |         |         |         |         |
| 1)                          | SA Tetrachlo... | 3.540 | 2.778 | 231.9E6 | 272.5E6 | 99.805  | 101.520 |
| 28)                         | SA Decachlor... | 9.054 | 7.915 | 173.9E6 | 260.7E6 | 97.727  | 100.024 |
| Target Compounds            |                 |       |       |         |         |         |         |
| 2)                          | A alpha-BHC     | 3.996 | 3.281 | 335.7E6 | 428.2E6 | 101.915 | 103.738 |
| 3)                          | MA gamma-BHC... | 4.328 | 3.611 | 319.9E6 | 408.4E6 | 101.500 | 103.158 |
| 4)                          | MA Heptachlor   | 4.917 | 3.950 | 281.7E6 | 387.6E6 | 99.789  | 102.203 |
| 5)                          | MB Aldrin       | 5.258 | 4.230 | 284.7E6 | 384.1E6 | 100.711 | 102.971 |
| 6)                          | B beta-BHC      | 4.525 | 3.910 | 134.3E6 | 162.5E6 | 99.068  | 101.057 |
| 7)                          | B delta-BHC     | 4.773 | 4.139 | 306.8E6 | 408.8E6 | 101.972 | 103.616 |
| 8)                          | B Heptachlo...  | 5.685 | 4.732 | 253.6E6 | 340.5E6 | 99.409  | 101.997 |
| 9)                          | A Endosulfan I  | 6.070 | 5.102 | 232.1E6 | 311.1E6 | 99.407  | 101.931 |
| 10)                         | B gamma-Chl...  | 5.940 | 4.982 | 249.7E6 | 347.0E6 | 100.095 | 102.605 |
| 11)                         | B alpha-Chl...  | 6.019 | 5.046 | 248.7E6 | 340.9E6 | 99.933  | 102.323 |
| 12)                         | B 4,4'-DDE      | 6.193 | 5.235 | 225.4E6 | 333.5E6 | 100.536 | 102.774 |
| 13)                         | MA Dieldrin     | 6.345 | 5.366 | 248.7E6 | 348.3E6 | 100.220 | 102.853 |
| 14)                         | MA Endrin       | 6.575 | 5.641 | 211.2E6 | 296.9E6 | 99.771  | 102.439 |
| 15)                         | B Endosulfa...  | 6.794 | 5.936 | 216.0E6 | 288.2E6 | 98.961  | 101.794 |
| 16)                         | A 4,4'-DDD      | 6.710 | 5.789 | 181.0E6 | 261.5E6 | 99.788  | 103.390 |
| 17)                         | MA 4,4'-DDT     | 7.024 | 6.039 | 194.9E6 | 279.7E6 | 100.211 | 102.948 |
| 18)                         | B Endrin al...  | 6.924 | 6.115 | 171.2E6 | 227.4E6 | 98.679  | 100.967 |
| 19)                         | B Endosulfa...  | 7.158 | 6.338 | 197.4E6 | 270.8E6 | 98.735  | 101.573 |
| 20)                         | A Methoxychlor  | 7.500 | 6.614 | 104.1E6 | 140.1E6 | 98.219  | 100.247 |
| 21)                         | B Endrin ke...  | 7.643 | 6.843 | 225.4E6 | 309.0E6 | 99.557  | 101.257 |
| 22)                         | Mirex           | 8.117 | 7.024 | 176.1E6 | 246.6E6 | 97.640  | 99.464  |
| -----                       |                 |       |       |         |         |         |         |

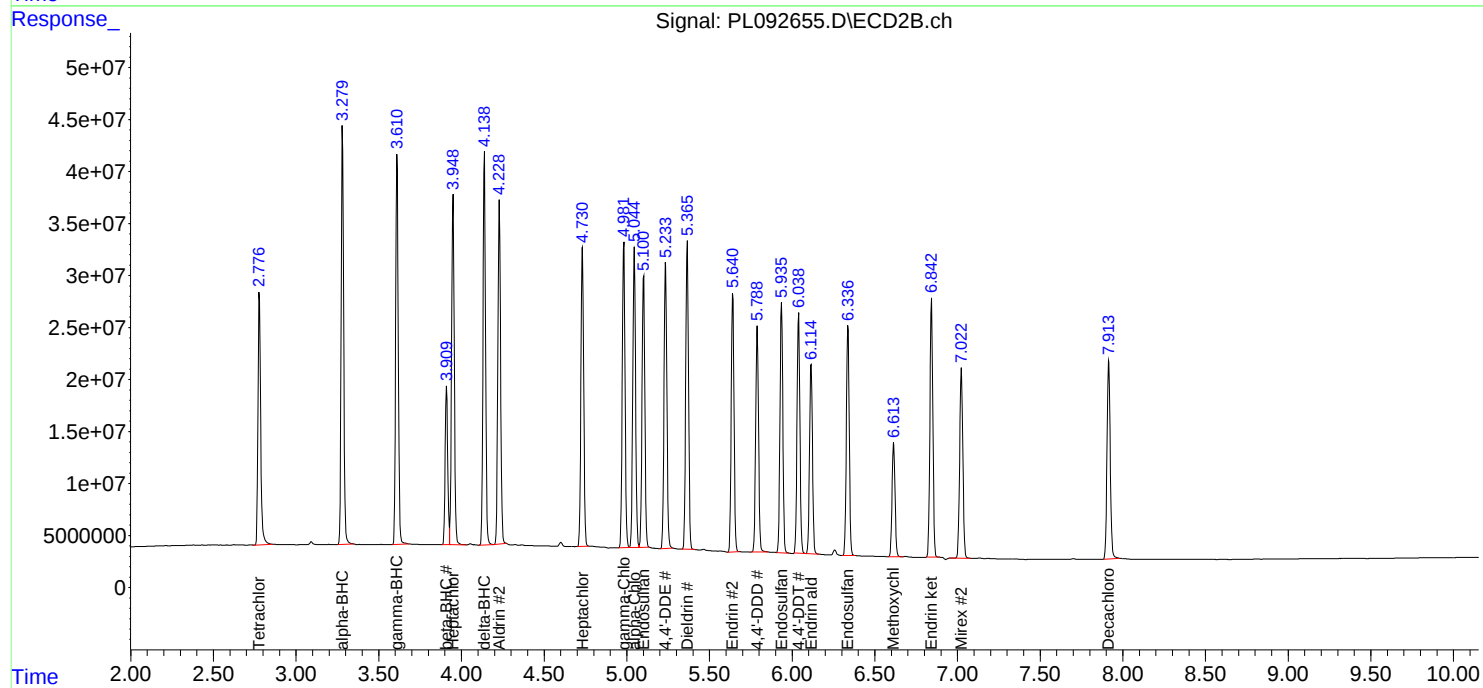
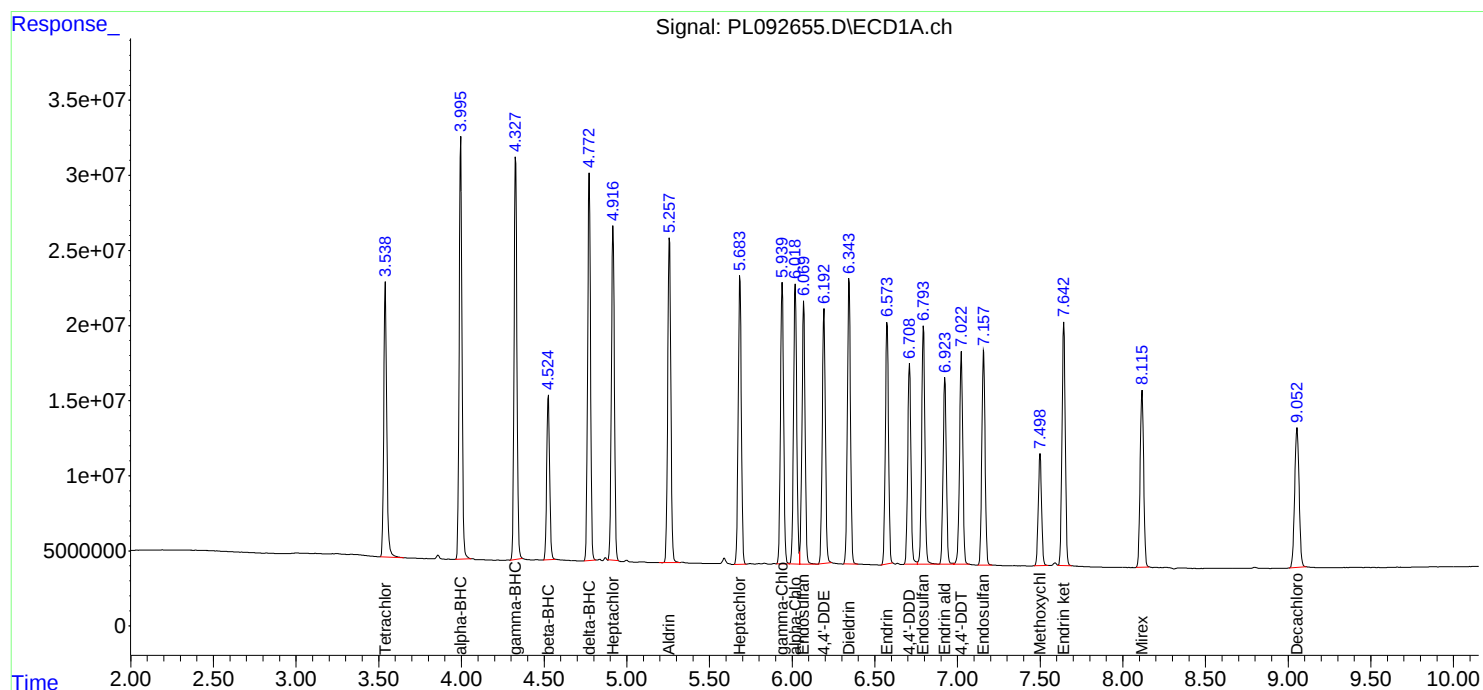
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102824\  
Data File : PL092655.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Oct 2024 14:43  
Operator : AR\AJ  
Sample : PSTDICC100  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC100

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 28 17:08:56 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 28 17:06:20 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102824\  
 Data File : PL092656.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Oct 2024 14:56  
 Operator : AR\AJ  
 Sample : PSTDICC075  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDICC075

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 28 17:11:32 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 28 17:10:47 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2  | ng/ml  | ng/ml  |
|-----------------------------|-----------------|-------|-------|----------|---------|--------|--------|
| -----                       |                 |       |       |          |         |        |        |
| System Monitoring Compounds |                 |       |       |          |         |        |        |
| 1)                          | SA Tetrachlo... | 3.540 | 2.778 | 172.8E6  | 199.6E6 | 74.573 | 74.581 |
| 28)                         | SA Decachlor... | 9.054 | 7.916 | 131.7E6  | 193.2E6 | 74.361 | 74.409 |
| Target Compounds            |                 |       |       |          |         |        |        |
| 2)                          | A alpha-BHC     | 3.996 | 3.281 | 245.4E6  | 306.7E6 | 74.672 | 74.526 |
| 3)                          | MA gamma-BHC... | 4.328 | 3.611 | 235.0E6  | 295.1E6 | 74.703 | 74.690 |
| 4)                          | MA Heptachlor   | 4.917 | 3.950 | 209.7E6  | 282.5E6 | 74.508 | 74.655 |
| 5)                          | MB Aldrin       | 5.259 | 4.230 | 210.2E6  | 277.9E6 | 74.567 | 74.665 |
| 6)                          | B beta-BHC      | 4.526 | 3.911 | 100.4E6  | 119.6E6 | 74.376 | 74.585 |
| 7)                          | B delta-BHC     | 4.773 | 4.140 | 223.5E6  | 294.4E6 | 74.528 | 74.738 |
| 8)                          | B Heptachlo...  | 5.685 | 4.733 | 189.1E6  | 248.9E6 | 74.414 | 74.698 |
| 9)                          | A Endosulfan I  | 6.070 | 5.103 | 173.5E6  | 227.5E6 | 74.558 | 74.676 |
| 10)                         | B gamma-Chl...  | 5.941 | 4.982 | 185.8E6  | 251.7E6 | 74.671 | 74.608 |
| 11)                         | B alpha-Chl...  | 6.019 | 5.047 | 185.2E6  | 247.8E6 | 74.613 | 74.571 |
| 12)                         | B 4,4'-DDE      | 6.193 | 5.235 | 167.0E6  | 241.9E6 | 74.650 | 74.705 |
| 13)                         | MA Dieldrin     | 6.345 | 5.366 | 184.3E6  | 252.3E6 | 74.504 | 74.669 |
| 14)                         | MA Endrin       | 6.575 | 5.642 | 157.7E6  | 215.9E6 | 74.683 | 74.647 |
| 15)                         | B Endosulfa...  | 6.794 | 5.937 | 162.1E6  | 211.0E6 | 74.503 | 74.700 |
| 16)                         | A 4,4'-DDD      | 6.710 | 5.790 | 135.1E6  | 188.0E6 | 74.665 | 74.546 |
| 17)                         | MA 4,4'-DDT     | 7.024 | 6.040 | 145.0E6  | 203.5E6 | 74.705 | 74.920 |
| 18)                         | B Endrin al...  | 6.924 | 6.116 | 128.9E6  | 168.3E6 | 74.510 | 74.830 |
| 19)                         | B Endosulfa...  | 7.159 | 6.339 | 148.5E6  | 198.5E6 | 74.498 | 74.635 |
| 20)                         | A Methoxychlor  | 7.500 | 6.615 | 78815004 | 103.9E6 | 74.596 | 74.572 |
| 21)                         | B Endrin ke...  | 7.643 | 6.844 | 168.5E6  | 226.7E6 | 74.619 | 74.533 |
| 22)                         | Mirex           | 8.117 | 7.024 | 133.9E6  | 183.5E6 | 74.491 | 74.331 |

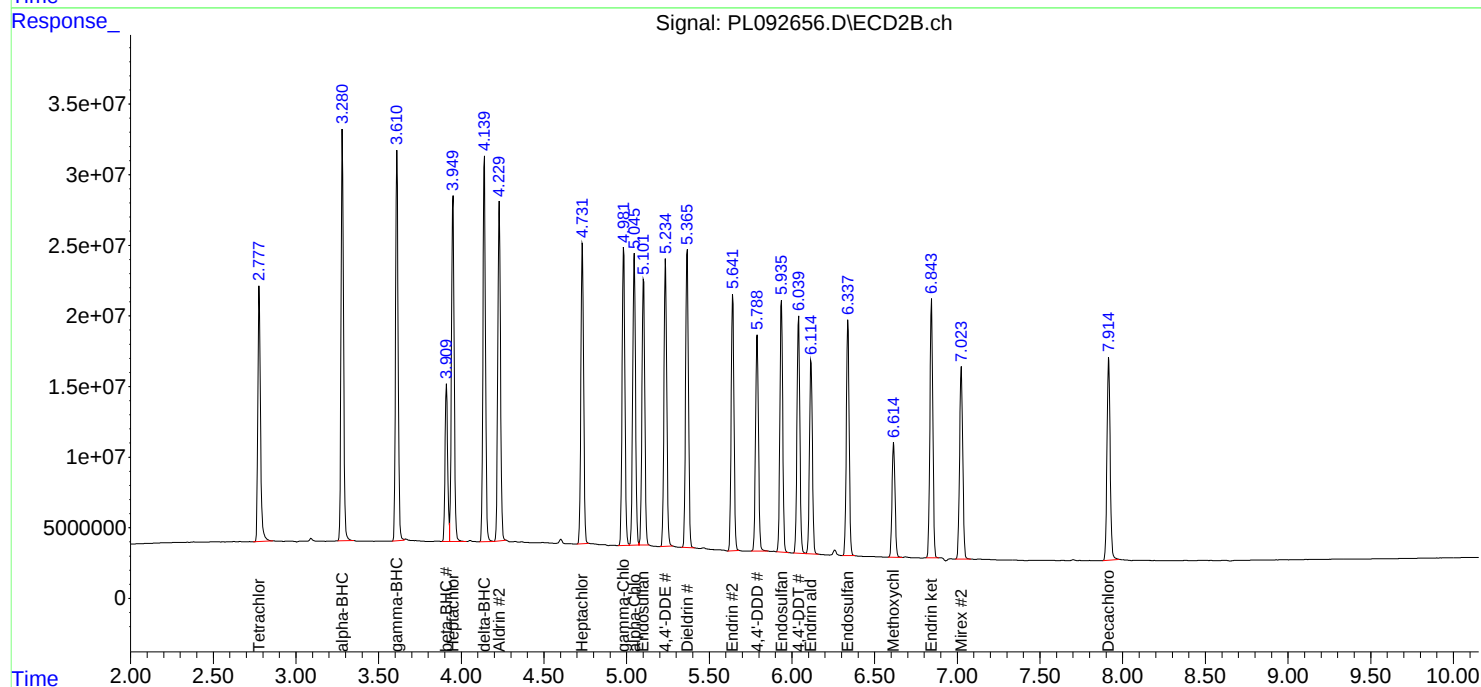
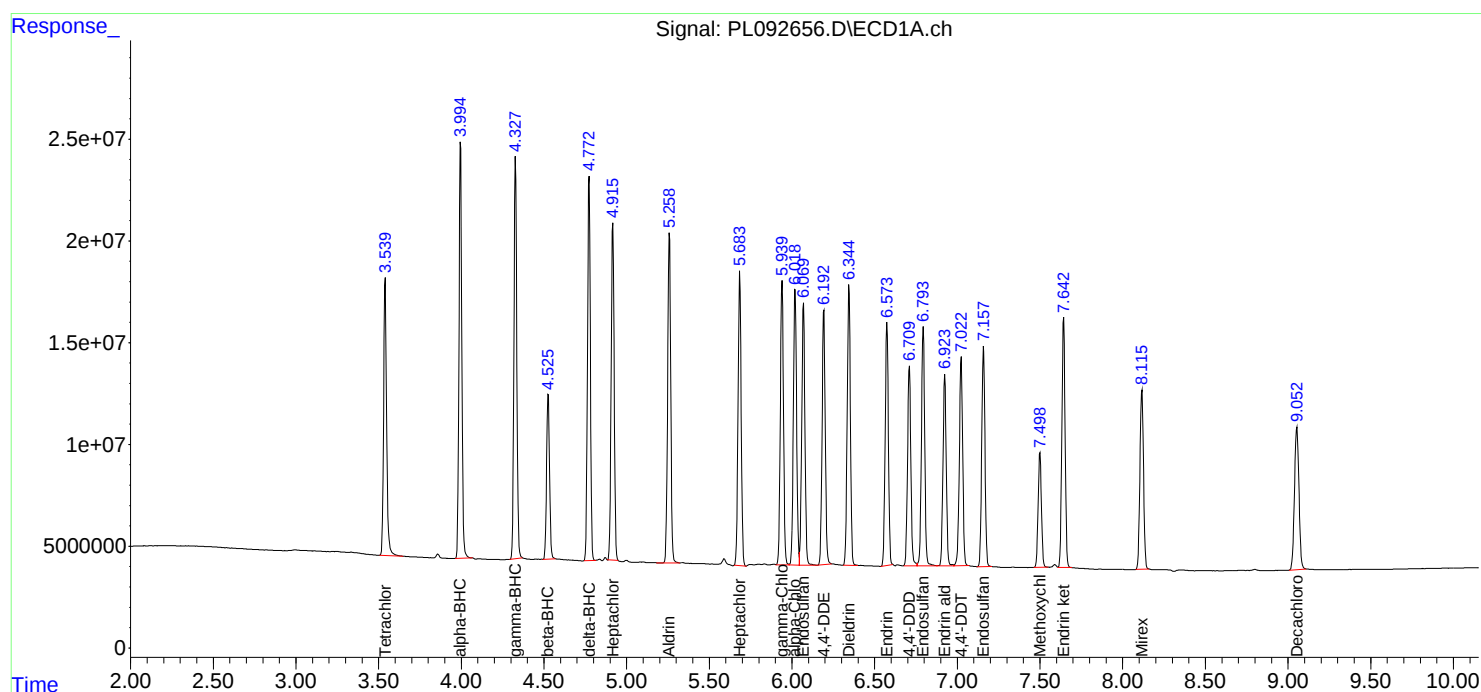
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102824\  
Data File : PL092656.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Oct 2024 14:56  
Operator : AR\AJ  
Sample : PSTDICC075  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC075

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 28 17:11:32 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 28 17:10:47 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102824\  
 Data File : PL092657.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Oct 2024 15:09  
 Operator : AR\AJ  
 Sample : PSTDICC050  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDICC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 28 17:06:37 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 28 17:06:20 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-----------------|-------|-------|----------|----------|--------|--------|
| -----                       |                 |       |       |          |          |        |        |
| System Monitoring Compounds |                 |       |       |          |          |        |        |
| 1)                          | SA Tetrachlo... | 3.540 | 2.778 | 116.4E6  | 132.2E6  | 50.000 | 50.000 |
| 28)                         | SA Decachlor... | 9.054 | 7.916 | 90985898 | 130.3E6  | 50.000 | 50.000 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.996 | 3.281 | 161.5E6  | 198.7E6  | 50.000 | 50.000 |
| 3)                          | MA gamma-BHC... | 4.328 | 3.611 | 155.2E6  | 191.7E6  | 50.000 | 50.000 |
| 4)                          | MA Heptachlor   | 4.917 | 3.949 | 141.5E6  | 185.5E6  | 50.000 | 50.000 |
| 5)                          | MB Aldrin       | 5.258 | 4.229 | 140.4E6  | 181.0E6  | 50.000 | 50.000 |
| 6)                          | B beta-BHC      | 4.525 | 3.910 | 68426712 | 79558092 | 50.000 | 50.000 |
| 7)                          | B delta-BHC     | 4.772 | 4.139 | 147.5E6  | 190.1E6  | 50.000 | 50.000 |
| 8)                          | B Heptachlo...  | 5.684 | 4.732 | 128.3E6  | 163.6E6  | 50.000 | 50.000 |
| 9)                          | A Endosulfan I  | 6.070 | 5.102 | 117.4E6  | 149.7E6  | 50.000 | 50.000 |
| 10)                         | B gamma-Chl...  | 5.941 | 4.982 | 124.6E6  | 164.7E6  | 50.000 | 50.000 |
| 11)                         | B alpha-Chl...  | 6.019 | 5.045 | 124.5E6  | 162.7E6  | 50.000 | 50.000 |
| 12)                         | B 4,4'-DDE      | 6.193 | 5.235 | 111.5E6  | 157.7E6  | 50.000 | 50.000 |
| 13)                         | MA Dieldrin     | 6.345 | 5.366 | 123.8E6  | 164.5E6  | 50.000 | 50.000 |
| 14)                         | MA Endrin       | 6.574 | 5.641 | 106.1E6  | 141.4E6  | 50.000 | 50.000 |
| 15)                         | B Endosulfa...  | 6.794 | 5.936 | 110.3E6  | 139.0E6  | 50.000 | 50.000 |
| 16)                         | A 4,4'-DDD      | 6.710 | 5.789 | 90898841 | 122.2E6  | 50.000 | 50.000 |
| 17)                         | MA 4,4'-DDT     | 7.023 | 6.040 | 97035972 | 131.9E6  | 50.000 | 50.000 |
| 18)                         | B Endrin al...  | 6.924 | 6.115 | 87908093 | 111.5E6  | 50.000 | 50.000 |
| 19)                         | B Endosulfa...  | 7.158 | 6.338 | 101.2E6  | 131.2E6  | 50.000 | 50.000 |
| 20)                         | A Methoxychlor  | 7.499 | 6.615 | 53913903 | 69696231 | 50.000 | 50.000 |
| 21)                         | B Endrin ke...  | 7.643 | 6.843 | 113.7E6  | 150.7E6  | 50.000 | 50.000 |
| 22)                         | Mirex           | 8.116 | 7.024 | 92300183 | 124.6E6  | 50.000 | 50.000 |

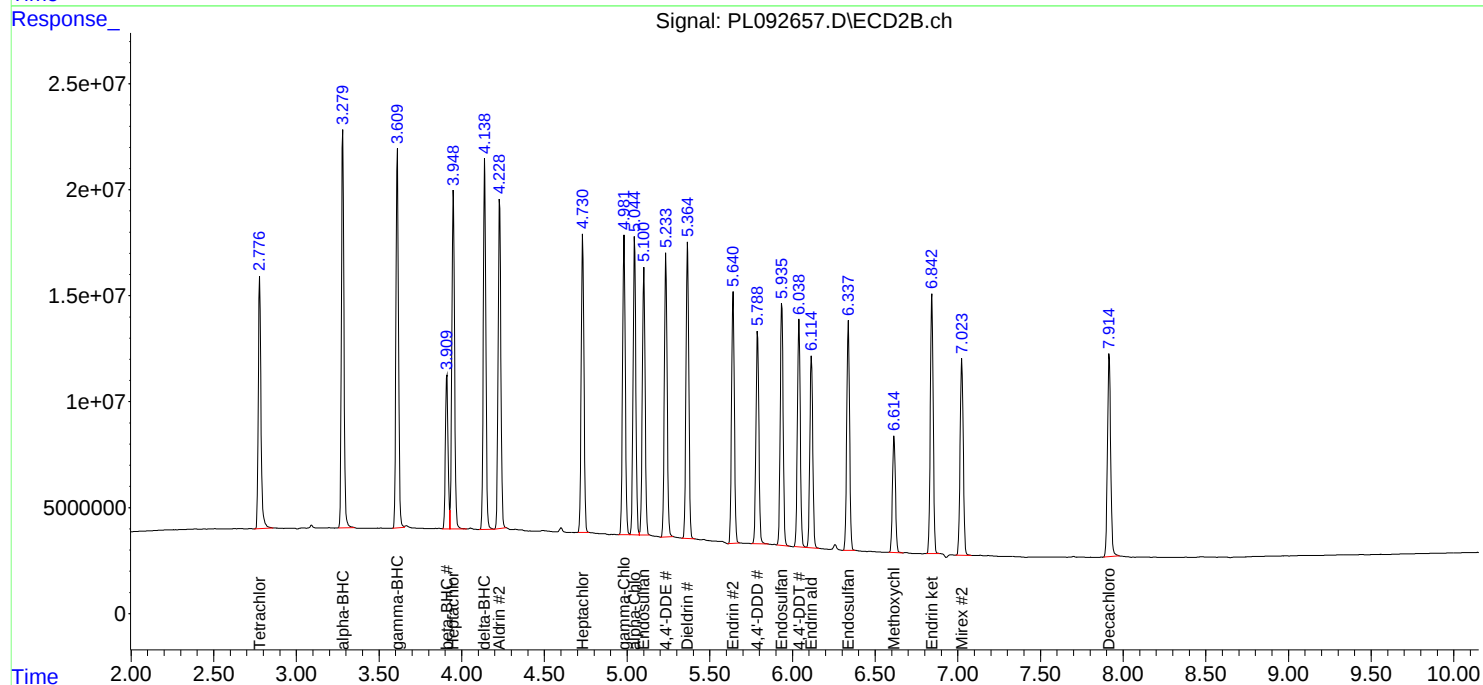
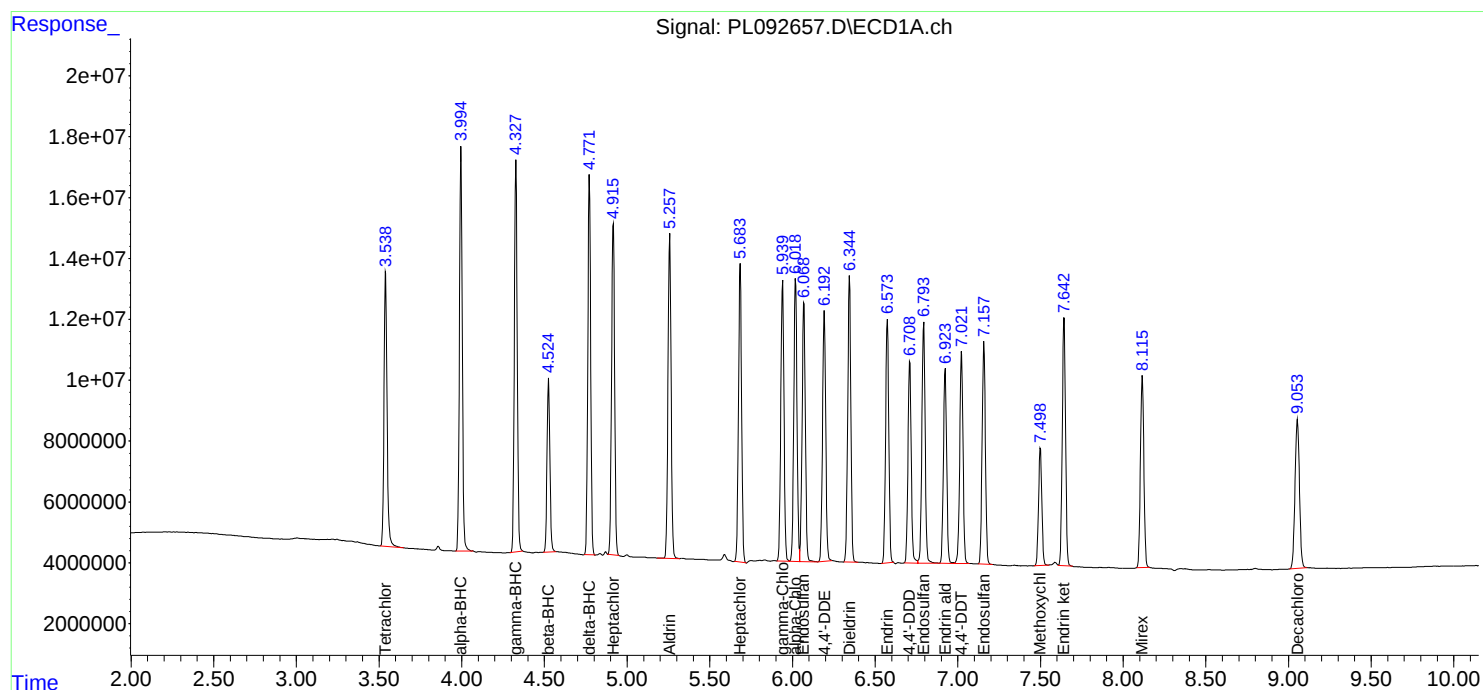
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102824\  
Data File : PL092657.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Oct 2024 15:09  
Operator : AR\AJ  
Sample : PSTDICC050  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 28 17:06:37 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 28 17:06:20 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102824\  
 Data File : PL092658.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Oct 2024 15:23  
 Operator : AR\AJ  
 Sample : PSTDICC025  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDICC025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 28 17:13:36 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 28 17:10:47 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-------|-------|----------|----------|--------|--------|
| -----                       |       |       |          |          |        |        |
| System Monitoring Compounds |       |       |          |          |        |        |
| 1) SA Tetrachlo...          | 3.540 | 2.778 | 62808688 | 68210857 | 26.546 | 25.362 |
| 28) SA Decachlor...         | 9.054 | 7.916 | 49968947 | 69836578 | 27.328 | 26.400 |
| Target Compounds            |       |       |          |          |        |        |
| 2) A alpha-BHC              | 3.996 | 3.281 | 84927238 | 98362013 | 25.627 | 24.168 |
| 3) MA gamma-BHC...          | 4.328 | 3.611 | 81958950 | 95710712 | 25.784 | 24.415 |
| 4) MA Heptachlor            | 4.917 | 3.950 | 76599935 | 94477178 | 26.629 | 24.976 |
| 5) MB Aldrin                | 5.259 | 4.230 | 76180853 | 90483526 | 26.486 | 24.481 |
| 6) B beta-BHC               | 4.526 | 3.911 | 37295050 | 41549746 | 26.915 | 25.675 |
| 7) B delta-BHC              | 4.773 | 4.140 | 77991786 | 94555626 | 25.748 | 24.249 |
| 8) B Heptachlo...           | 5.685 | 4.732 | 70540111 | 83820686 | 27.012 | 25.117 |
| 9) A Endosulfan I           | 6.070 | 5.102 | 63654358 | 76808476 | 26.720 | 25.162 |
| 10) B gamma-Chl...          | 5.941 | 4.982 | 67586796 | 83550406 | 26.583 | 24.826 |
| 11) B alpha-Chl...          | 6.019 | 5.046 | 67542919 | 83232660 | 26.625 | 25.039 |
| 12) B 4,4'-DDE              | 6.193 | 5.235 | 60061765 | 80248978 | 26.363 | 24.834 |
| 13) MA Dieldrin             | 6.345 | 5.366 | 66985225 | 82586412 | 26.531 | 24.577 |
| 14) MA Endrin               | 6.574 | 5.642 | 58111422 | 71905340 | 26.841 | 24.898 |
| 15) B Endosulfa...          | 6.793 | 5.937 | 61248899 | 71530905 | 27.295 | 25.239 |
| 16) A 4,4'-DDD              | 6.710 | 5.790 | 49194300 | 62230288 | 26.599 | 24.759 |
| 17) MA 4,4'-DDT             | 7.023 | 6.040 | 52836397 | 66342279 | 26.630 | 24.568 |
| 18) B Endrin al...          | 6.923 | 6.116 | 48897872 | 58336435 | 27.376 | 25.694 |
| 19) B Endosulfa...          | 7.158 | 6.339 | 55996056 | 67808739 | 27.255 | 25.373 |
| 20) A Methoxychlor          | 7.499 | 6.615 | 29728906 | 36759011 | 27.282 | 26.022 |
| 21) B Endrin ke...          | 7.643 | 6.844 | 61777342 | 77430982 | 26.728 | 25.339 |
| 22) Mirex                   | 8.116 | 7.025 | 51864163 | 67137696 | 27.785 | 26.612 |

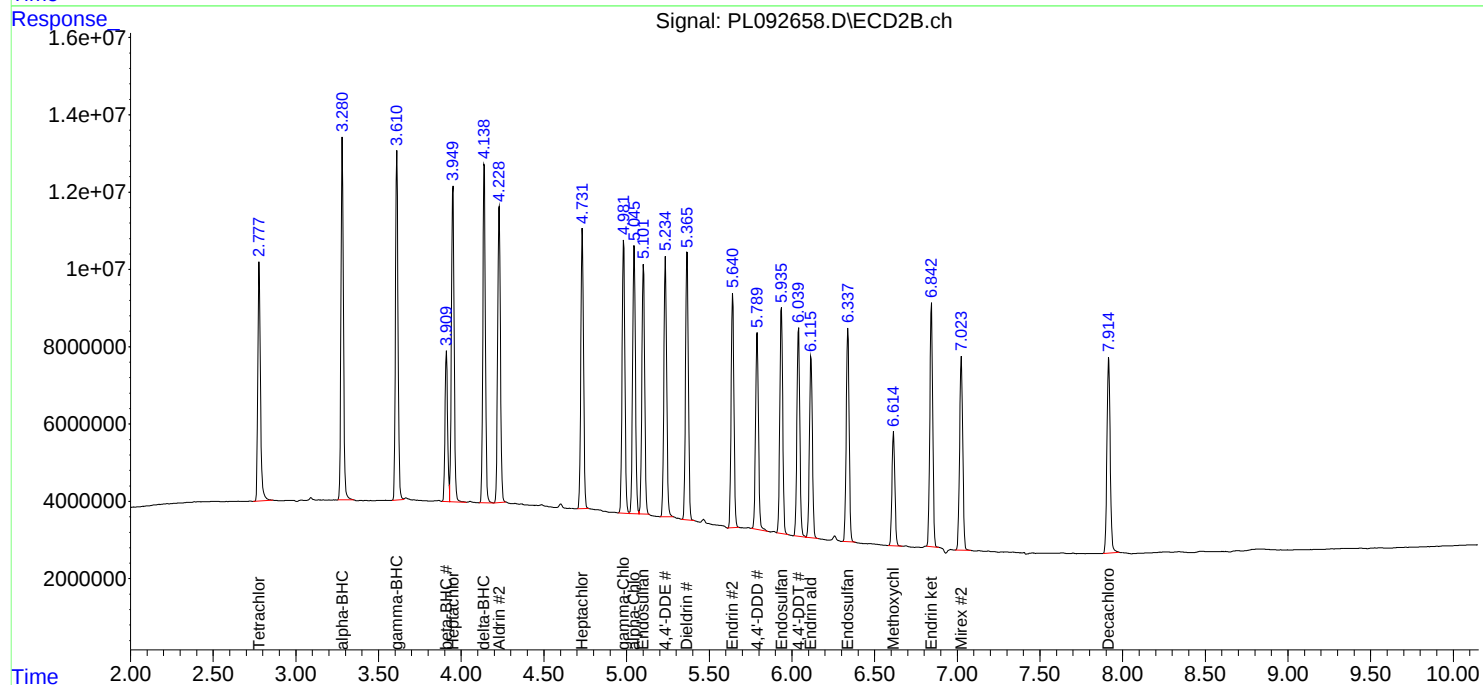
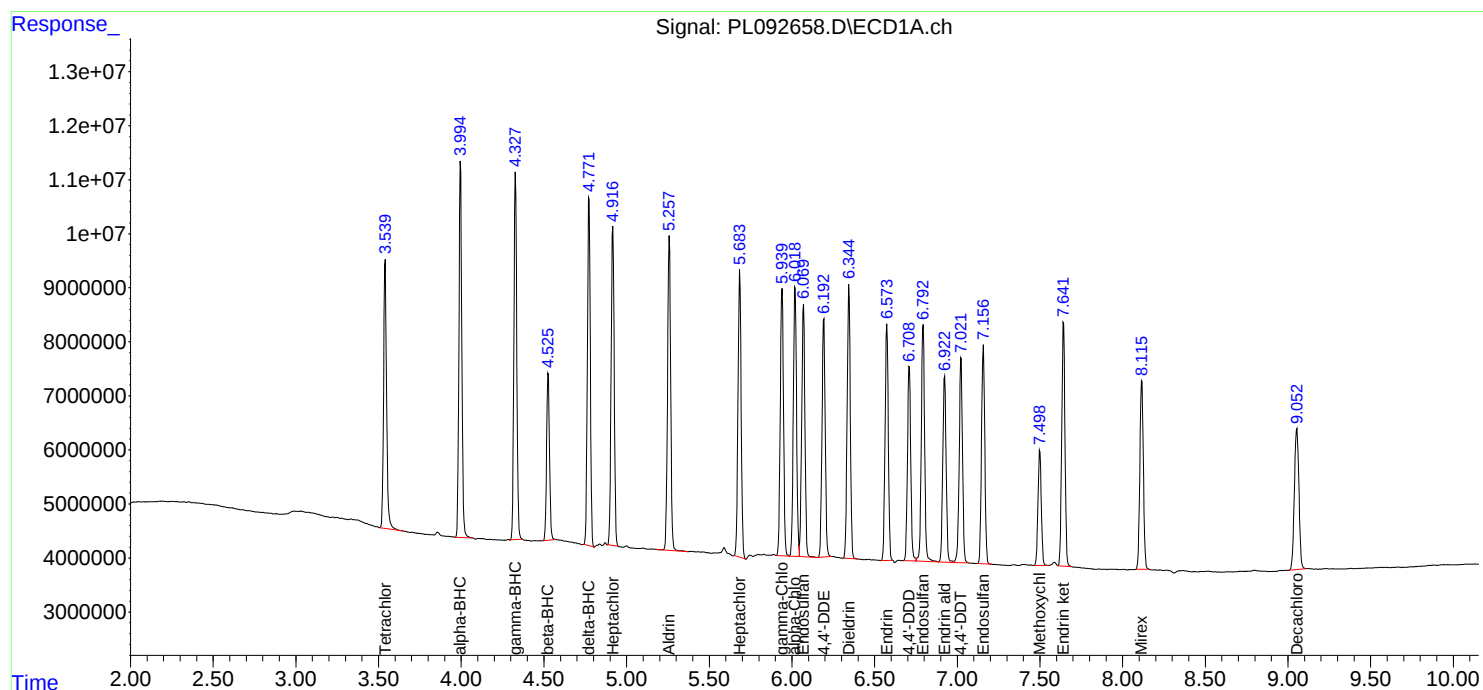
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102824\  
Data File : PL092658.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Oct 2024 15:23  
Operator : AR\AJ  
Sample : PSTDICC025  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDICC025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 28 17:13:36 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 28 17:10:47 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102824\  
 Data File : PL092659.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Oct 2024 15:36  
 Operator : AR\AJ  
 Sample : PSTDICC005  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

## Instrument :

ECD\_L

ClientSampleId :

PSTDICC005

## Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 10/29/2024

Supervised By :Ankita Jodhani 10/29/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 28 17:16:08 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 28 17:10:47 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml |
|-----------------------------|-------|-------|----------|----------|--------|-------|
| -----                       |       |       |          |          |        |       |
| System Monitoring Compounds |       |       |          |          |        |       |
| 1) SA Tetrachlo...          | 3.540 | 2.778 | 13934946 | 14239511 | 5.687  | 5.233 |
| 28) SA Decachlor...         | 9.053 | 7.915 | 11544004 | 15324471 | 5.998  | 5.615 |
| Target Compounds            |       |       |          |          |        |       |
| 2) A alpha-BHC              | 3.995 | 3.280 | 18509728 | 18354234 | 5.458  | 4.600 |
| 3) MA gamma-BHC...          | 4.328 | 3.611 | 17915176 | 18082634 | 5.496  | 4.685 |
| 4) MA Heptachlor            | 4.916 | 3.950 | 17547418 | 18693239 | 5.843  | 4.953 |
| 5) MB Aldrin                | 5.258 | 4.229 | 17512022 | 17582981 | 5.834  | 4.804 |
| 6) B beta-BHC               | 4.526 | 3.910 | 8423294  | 8790546  | 5.827  | 5.340 |
| 7) B delta-BHC              | 4.771 | 4.139 | 17664985 | 18090728 | 5.611m | 4.707 |
| 8) B Heptachlo...           | 5.682 | 4.732 | 16806367 | 16790300 | 6.074m | 5.025 |
| 9) A Endosulfan I           | 6.069 | 5.102 | 14888105 | 15277635 | 5.952  | 5.004 |
| 10) B gamma-Chl...          | 5.940 | 4.982 | 15665588 | 16732339 | 5.888  | 4.977 |
| 11) B alpha-Chl...          | 6.019 | 5.046 | 15466528 | 16668126 | 5.841  | 5.011 |
| 12) B 4,4'-DDE              | 6.192 | 5.235 | 13664798 | 15911321 | 5.768  | 4.939 |
| 13) MA Dieldrin             | 6.344 | 5.366 | 15390264 | 16300991 | 5.840  | 4.880 |
| 14) MA Endrin               | 6.573 | 5.641 | 13615222 | 14564290 | 5.980  | 5.034 |
| 15) B Endosulfa...          | 6.793 | 5.936 | 14715849 | 14149758 | 6.173  | 4.994 |
| 16) A 4,4'-DDD              | 6.709 | 5.789 | 10998106 | 11982712 | 5.730  | 4.812 |
| 17) MA 4,4'-DDT             | 7.023 | 6.039 | 12061270 | 13048754 | 5.827  | 4.865 |
| 18) B Endrin al...          | 6.923 | 6.115 | 11226054 | 12274278 | 5.978  | 5.320 |
| 19) B Endosulfa...          | 7.157 | 6.338 | 13167738 | 13973088 | 6.067  | 5.181 |
| 20) A Methoxychlor          | 7.499 | 6.614 | 6705797  | 7447941  | 5.882  | 5.216 |
| 21) B Endrin ke...          | 7.643 | 6.843 | 14342863 | 15604260 | 5.920  | 5.085 |
| 22) Mirex                   | 8.116 | 7.024 | 12209643 | 14769955 | 6.161  | 5.661 |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102824\  
Data File : PL092659.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Oct 2024 15:36  
Operator : AR\AJ  
Sample : PSTDICC005  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDICC005

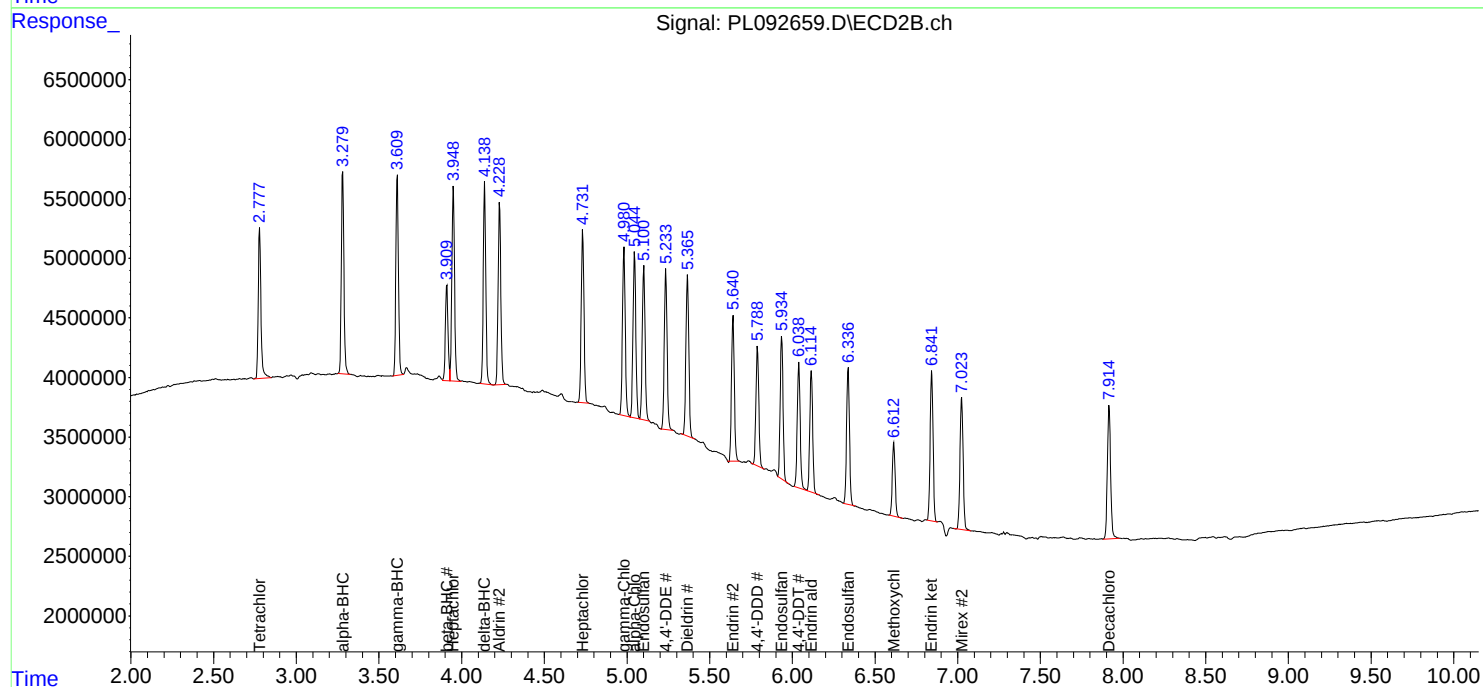
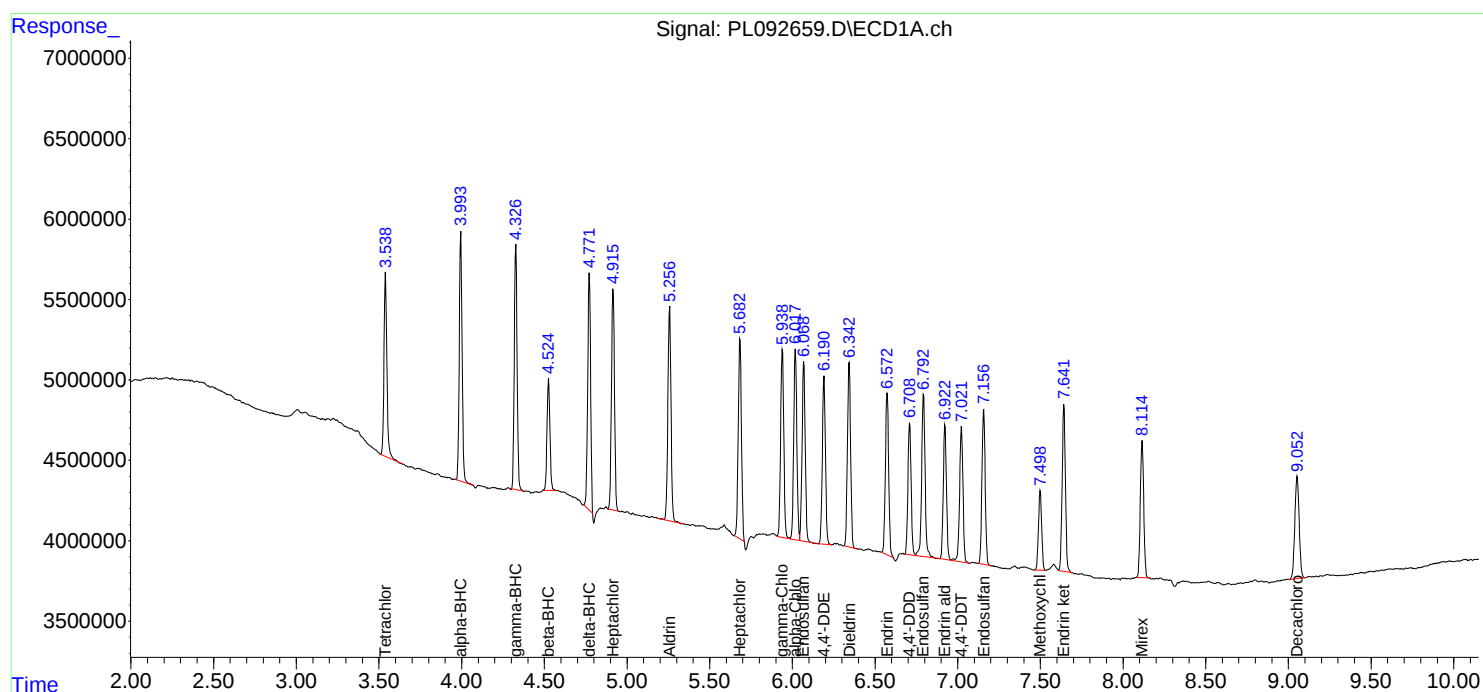
## Manual Integrations

## APPROVED

Reviewed By :Abdul Mirza 10/29/2024  
Supervised By :Ankita Jodhani 10/29/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 28 17:16:08 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 28 17:10:47 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102824\  
 Data File : PL092662.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Oct 2024 16:16  
 Operator : AR\AJ  
 Sample : PCHLORICC500  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PCHLORICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 28 16:53:54 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 28 16:53:34 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|---------|
| -----                       |                 |       |       |          |          |         |         |
| System Monitoring Compounds |                 |       |       |          |          |         |         |
| 1)                          | SA Tetrachlo... | 3.540 | 2.777 | 115.3E6  | 161.4E6  | 50.000  | 50.000  |
| 2)                          | SA Decachlor... | 9.055 | 7.916 | 90689456 | 133.2E6  | 50.000  | 50.000  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 23)                         | Chlordane-1     | 4.702 | 3.776 | 53498186 | 52546046 | 500.000 | 500.000 |
| 24)                         | Chlordane-2     | 5.231 | 4.352 | 55198384 | 60320369 | 500.000 | 500.000 |
| 25)                         | Chlordane-3     | 5.941 | 4.982 | 186.2E6  | 180.5E6  | 500.000 | 500.000 |
| 26)                         | Chlordane-4     | 6.023 | 5.045 | 229.2E6  | 173.4E6  | 500.000 | 500.000 |
| 27)                         | Chlordane-5     | 6.872 | 5.941 | 46080525 | 62029874 | 500.000 | 500.000 |
| -----                       |                 |       |       |          |          |         |         |

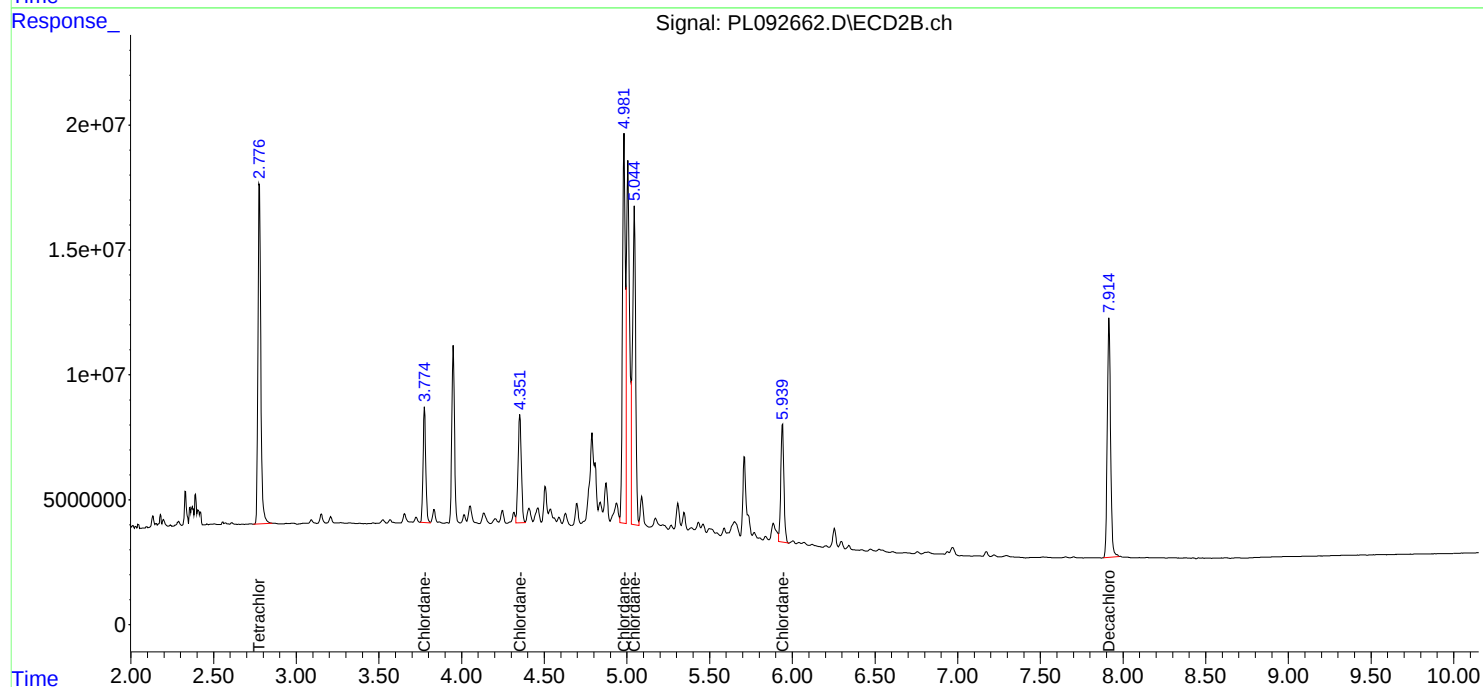
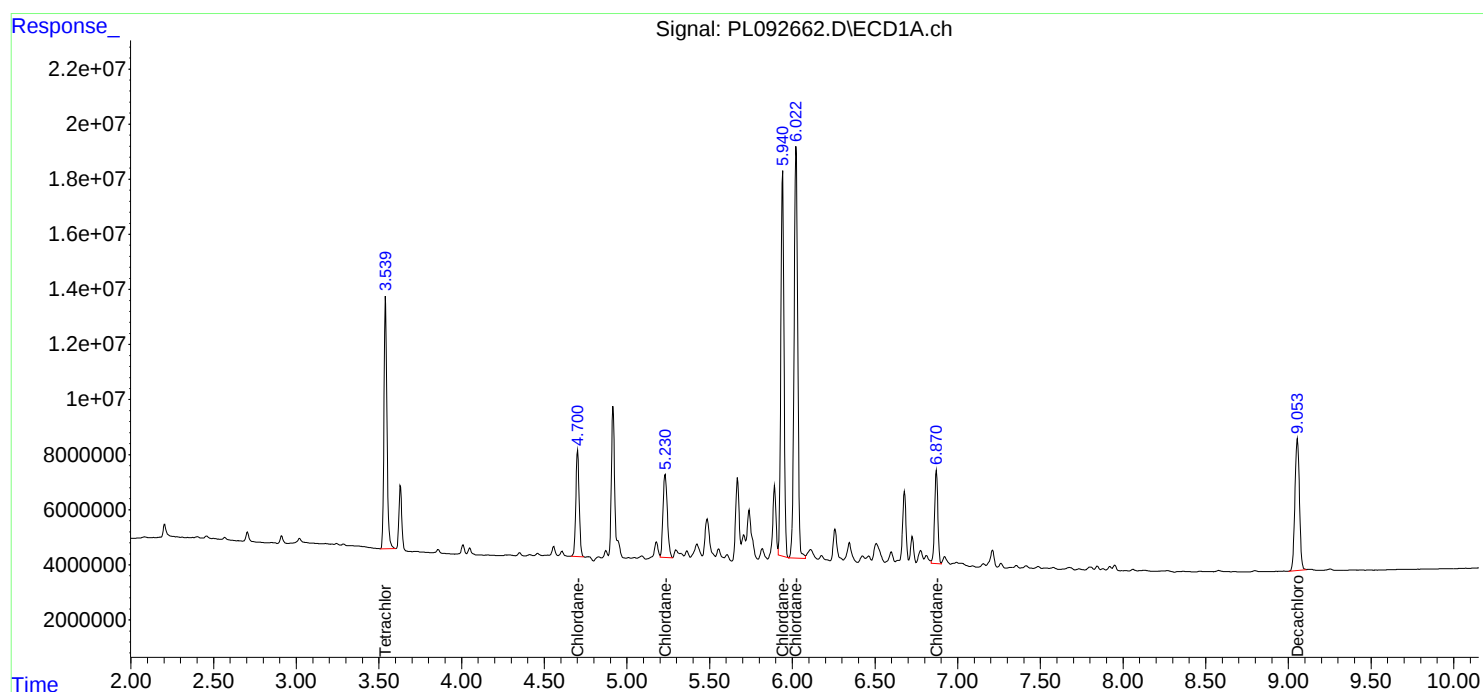
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102824\  
Data File : PL092662.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Oct 2024 16:16  
Operator : AR\AJ  
Sample : PCHLORICC500  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PCHLORICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 28 16:53:54 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 28 16:53:34 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102824\  
 Data File : PL092667.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Oct 2024 17:23  
 Operator : AR\AJ  
 Sample : PTOXICC500  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PTOXICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 28 17:35:54 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\LTX102824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 28 17:35:39 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1  
 Signal #1 Info : 30M x 0.32mm x0.3 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...          | 3.540 | 2.778 | 120.2E6  | 137.2E6  | 50.000  | 50.000  |
| 7) SA Decachlor...          | 9.054 | 7.916 | 94872630 | 139.2E6  | 50.000  | 50.000  |
| Target Compounds            |       |       |          |          |         |         |
| 2) Toxaphene-1              | 6.237 | 5.007 | 11981208 | 9976373  | 500.000 | 500.000 |
| 3) Toxaphene-2              | 6.441 | 5.332 | 6911814  | 9874812  | 500.000 | 500.000 |
| 4) Toxaphene-3              | 7.058 | 6.605 | 39579915 | 35111261 | 500.000 | 500.000 |
| 5) Toxaphene-4              | 7.149 | 6.733 | 29901849 | 49168858 | 500.000 | 500.000 |
| 6) Toxaphene-5              | 7.934 | 7.045 | 22664593 | 32739853 | 500.000 | 500.000 |
| -----                       |       |       |          |          |         |         |

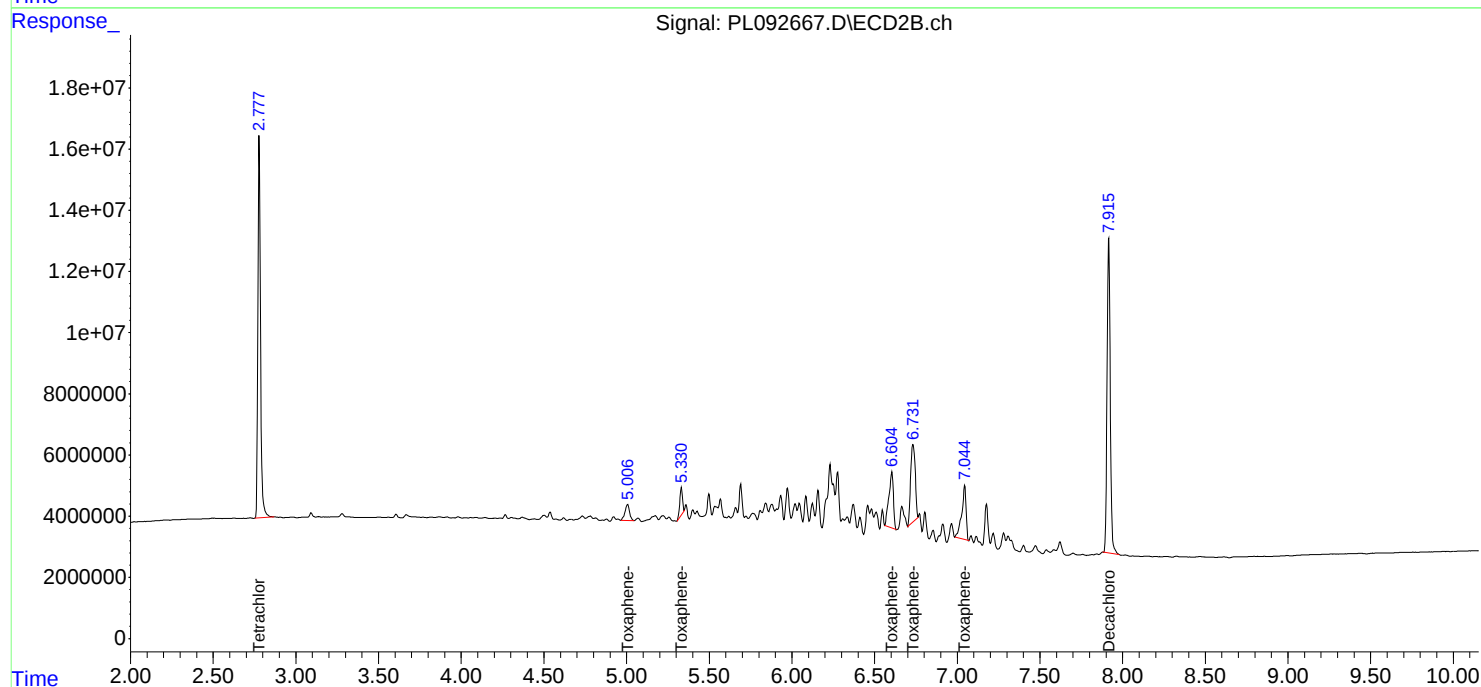
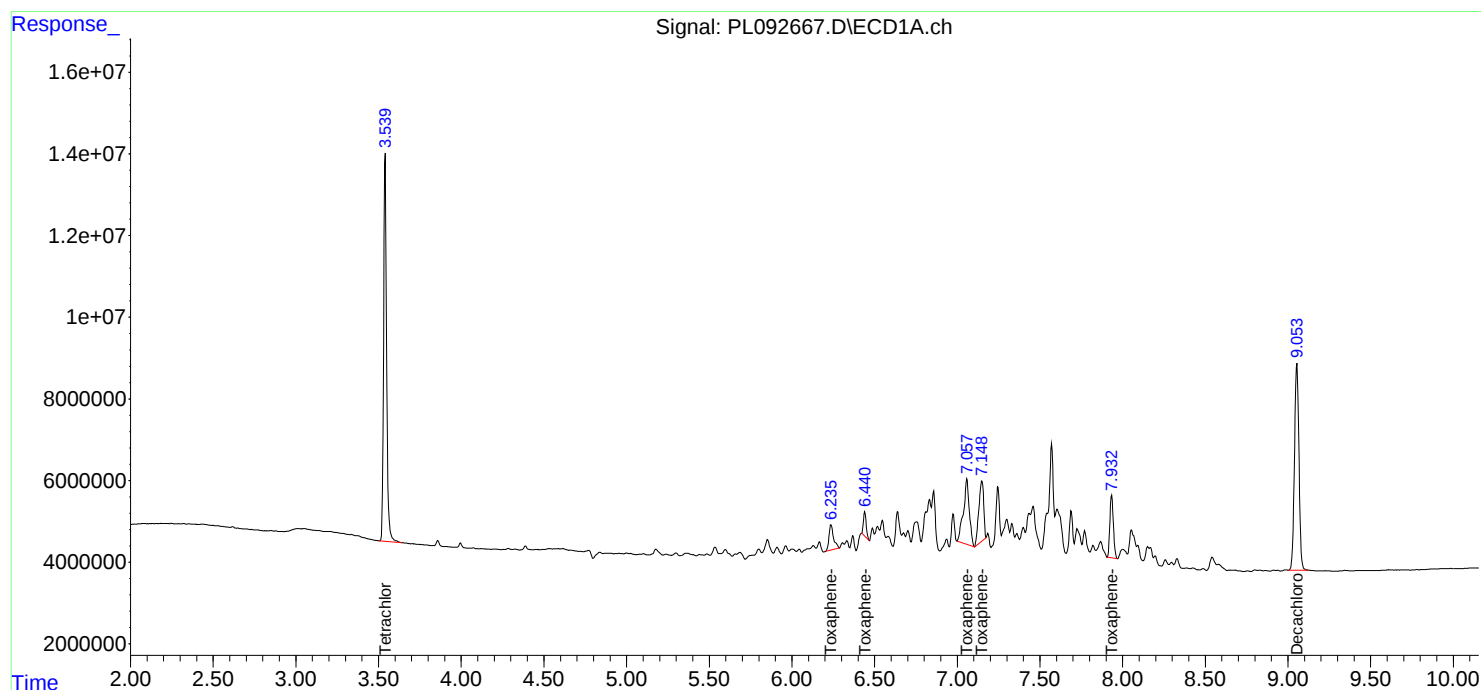
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102824\  
Data File : PL092667.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Oct 2024 17:23  
Operator : AR\AJ  
Sample : PTOXICC500  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PTOXICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 28 17:35:54 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\LTX102824.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 28 17:35:39 2024  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1  
Signal #1 Info : 30M x 0.32mm x 0.3 Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102824\  
 Data File : PL092670.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Oct 2024 18:03  
 Operator : AR\AJ  
 Sample : PSTDICV050  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 ICVPL102824

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 28 18:20:57 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 28 17:19:58 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-----------------|-------|-------|----------|----------|--------|--------|
| -----                       |                 |       |       |          |          |        |        |
| System Monitoring Compounds |                 |       |       |          |          |        |        |
| 1)                          | SA Tetrachlo... | 3.540 | 2.778 | 119.9E6  | 136.6E6  | 48.932 | 50.204 |
| 28)                         | SA Decachlor... | 9.054 | 7.916 | 94182239 | 139.9E6  | 48.937 | 51.259 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 2)                          | A alpha-BHC     | 3.996 | 3.281 | 167.5E6  | 204.0E6  | 49.379 | 51.127 |
| 3)                          | MA gamma-BHC... | 4.328 | 3.611 | 160.1E6  | 197.4E6  | 49.125 | 51.136 |
| 4)                          | MA Heptachlor   | 4.916 | 3.950 | 147.0E6  | 192.1E6  | 48.942 | 50.906 |
| 5)                          | MB Aldrin       | 5.258 | 4.230 | 145.8E6  | 187.4E6  | 48.580 | 51.194 |
| 6)                          | B beta-BHC      | 4.526 | 3.911 | 70600682 | 82244973 | 48.843 | 49.959 |
| 7)                          | B delta-BHC     | 4.773 | 4.140 | 153.4E6  | 196.7E6  | 49.025 | 51.190 |
| 8)                          | B Heptachlo...  | 5.684 | 4.732 | 133.1E6  | 169.7E6  | 48.213 | 50.772 |
| 9)                          | A Endosulfan I  | 6.069 | 5.102 | 121.8E6  | 154.2E6  | 48.702 | 50.518 |
| 10)                         | B gamma-Chl...  | 5.941 | 4.982 | 129.8E6  | 169.3E6  | 48.769 | 50.359 |
| 11)                         | B alpha-Chl...  | 6.019 | 5.046 | 129.4E6  | 167.6E6  | 48.847 | 50.380 |
| 12)                         | B 4,4'-DDE      | 6.193 | 5.235 | 116.5E6  | 164.4E6  | 49.166 | 51.019 |
| 13)                         | MA Dieldrin     | 6.345 | 5.366 | 129.0E6  | 171.0E6  | 48.947 | 51.185 |
| 14)                         | MA Endrin       | 6.575 | 5.642 | 110.2E6  | 147.7E6  | 48.393 | 51.063 |
| 15)                         | B Endosulfa...  | 6.794 | 5.937 | 115.4E6  | 145.0E6  | 48.417 | 51.175 |
| 16)                         | A 4,4'-DDD      | 6.710 | 5.790 | 95447383 | 127.7E6  | 49.724 | 51.292 |
| 17)                         | MA 4,4'-DDT     | 7.024 | 6.040 | 102.8E6  | 137.5E6  | 49.676 | 51.253 |
| 18)                         | B Endrin al...  | 6.924 | 6.116 | 91870810 | 116.2E6  | 48.920 | 50.348 |
| 19)                         | B Endosulfa...  | 7.159 | 6.339 | 106.0E6  | 136.5E6  | 48.859 | 50.601 |
| 20)                         | A Methoxychlor  | 7.500 | 6.615 | 57010538 | 73335025 | 50.009 | 51.354 |
| 21)                         | B Endrin ke...  | 7.644 | 6.844 | 118.9E6  | 157.6E6  | 49.074 | 51.358 |
| 22)                         | Mirex           | 8.117 | 7.025 | 96541027 | 131.1E6  | 48.716 | 50.260 |
| -----                       |                 |       |       |          |          |        |        |

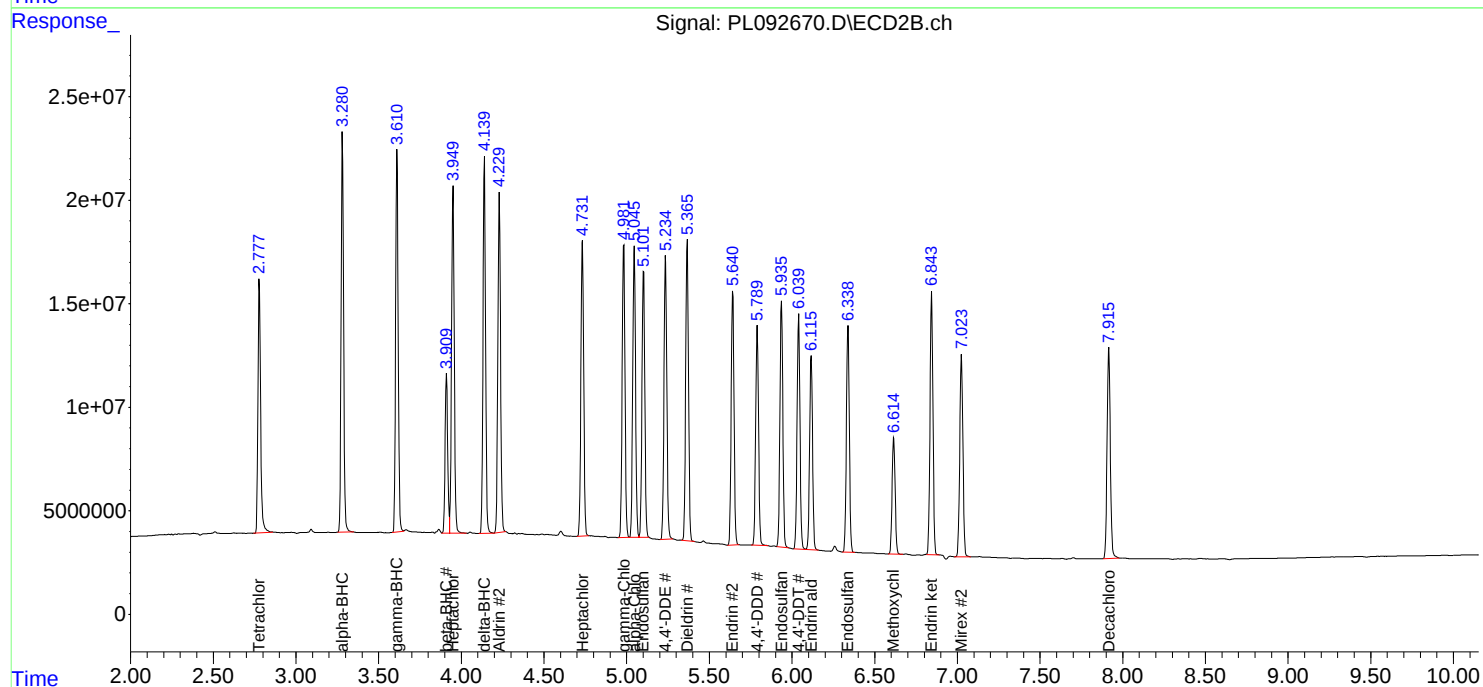
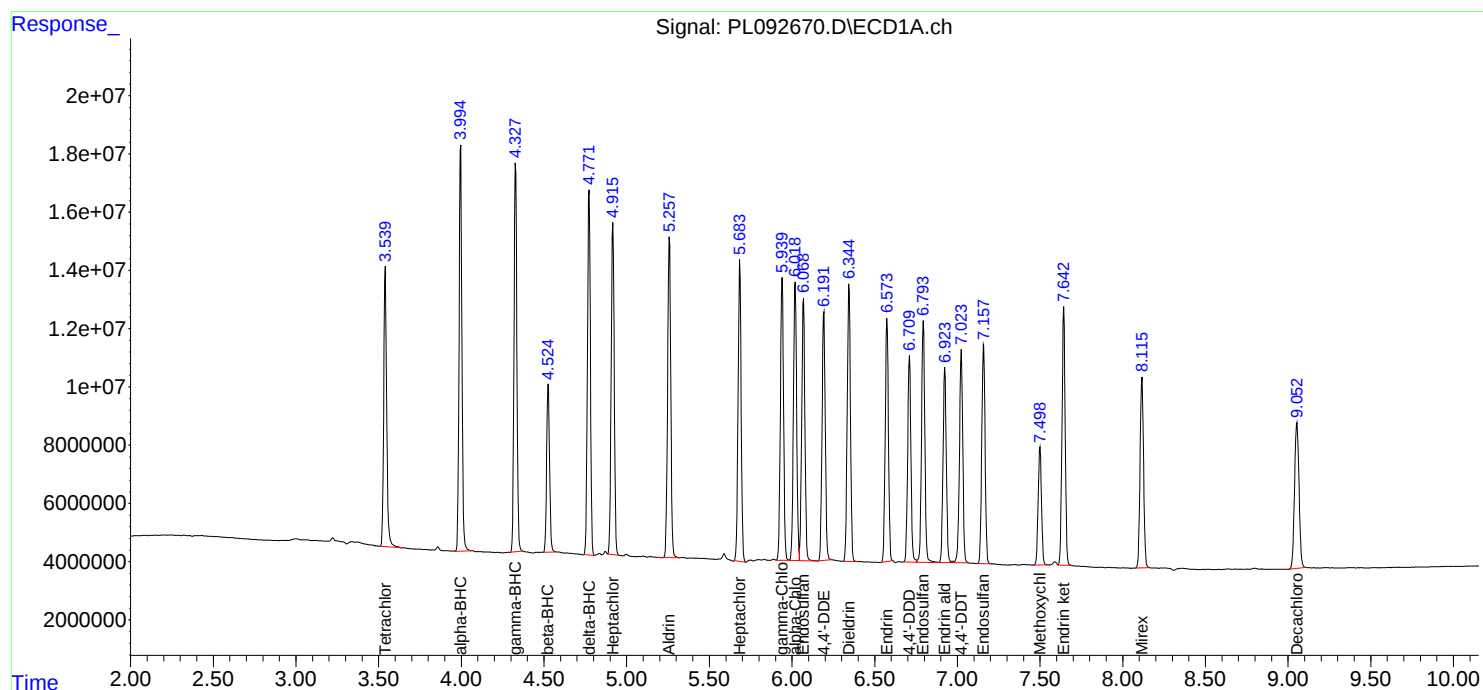
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102824\  
Data File : PL092670.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Oct 2024 18:03  
Operator : AR\AJ  
Sample : PSTDICV050  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL102824

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 28 18:20:57 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 28 17:19:58 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102824\  
 Data File : PL092671.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Oct 2024 18:30  
 Operator : AR\AJ  
 Sample : PCHLORICV500  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 ICVPL102824CHLOR

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 28 18:55:50 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 28 18:55:22 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|----------|---------|---------|
| -----                       |       |       |          |          |         |         |
| System Monitoring Compounds |       |       |          |          |         |         |
| 1) SA Tetrachlo...          | 3.540 | 2.777 | 116.2E6  | 162.6E6  | 48.370  | 49.862  |
| 28) SA Decachlor...         | 9.053 | 7.915 | 91212958 | 135.8E6  | 48.151  | 49.359  |
| Target Compounds            |       |       |          |          |         |         |
| 23) Chlordane-1             | 4.701 | 3.775 | 53586597 | 53029458 | 487.196 | 499.551 |
| 24) Chlordane-2             | 5.231 | 4.352 | 54950332 | 60704270 | 479.439 | 490.132 |
| 25) Chlordane-3             | 5.941 | 4.982 | 186.4E6  | 180.0E6  | 477.568 | 496.319 |
| 26) Chlordane-4             | 6.022 | 5.045 | 229.4E6  | 173.9E6  | 479.933 | 497.043 |
| 27) Chlordane-5             | 6.872 | 5.940 | 46544927 | 61748302 | 491.706 | 486.943 |
| -----                       |       |       |          |          |         |         |

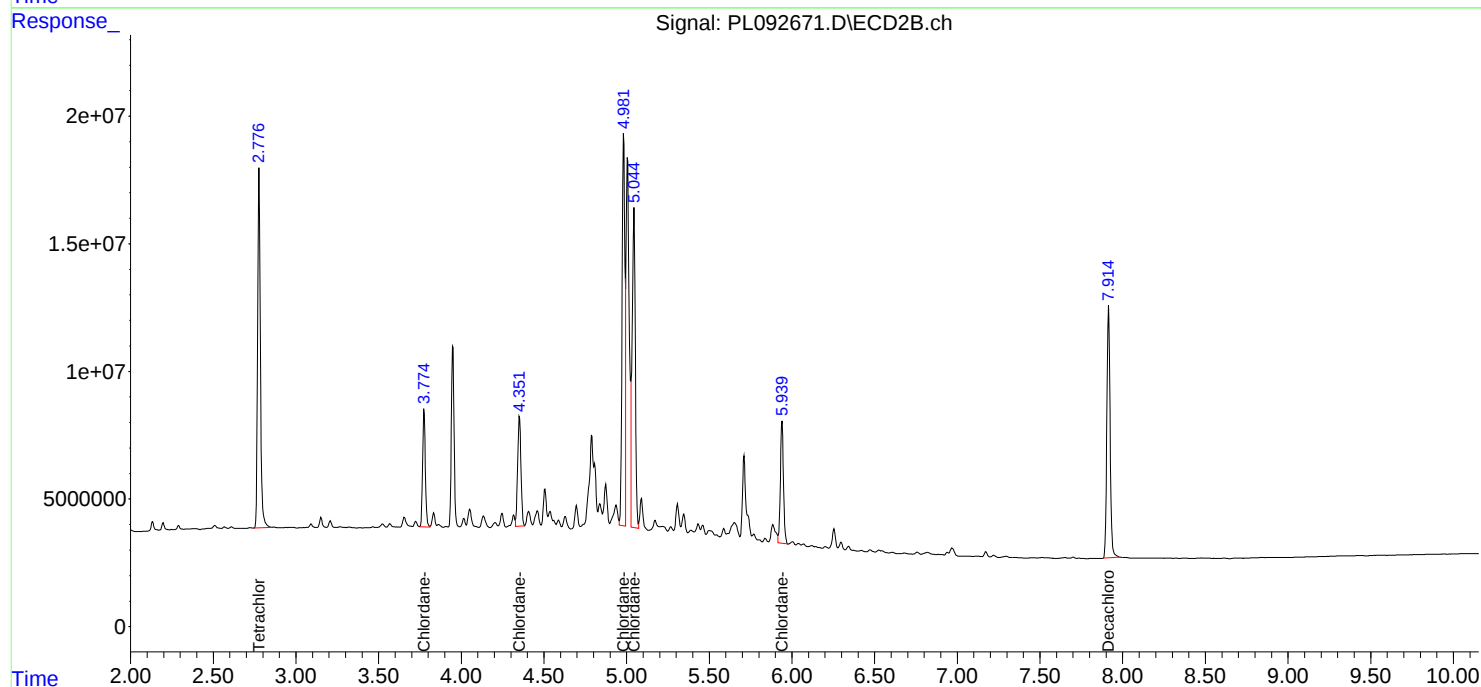
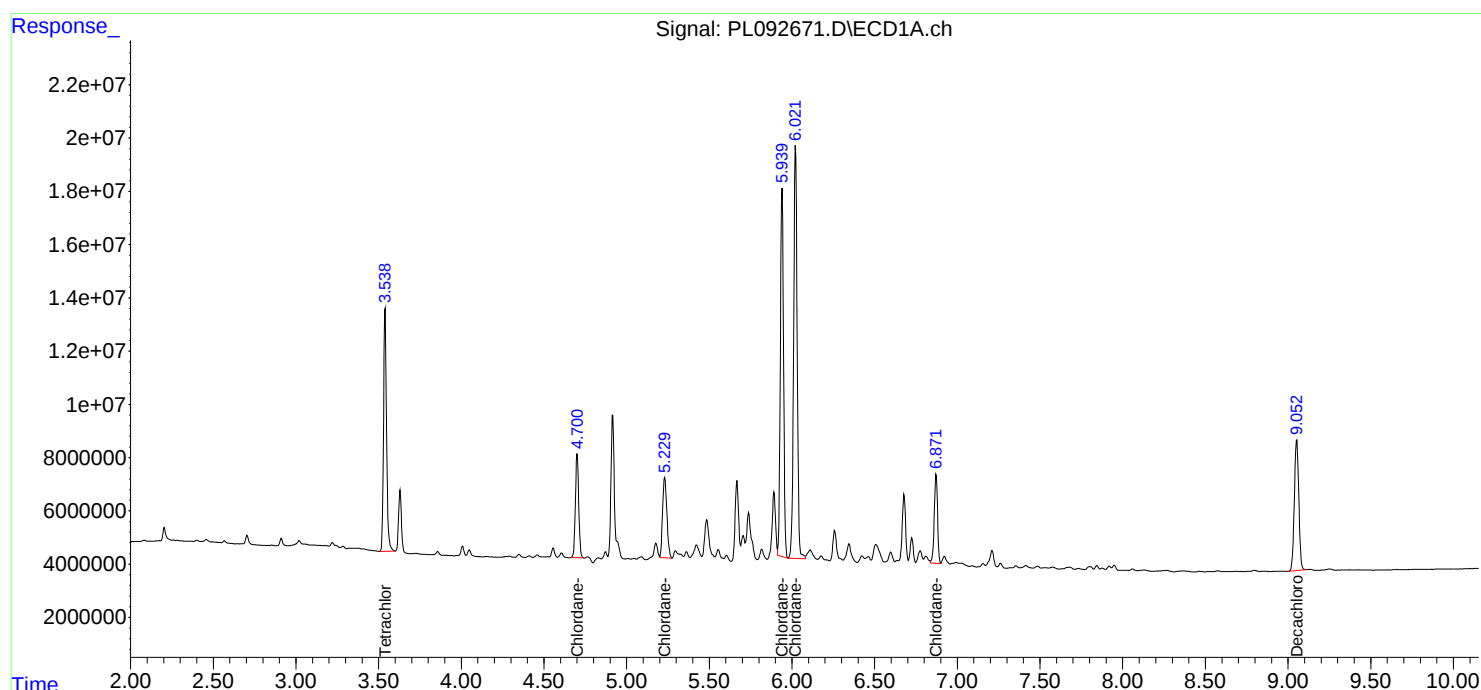
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102824\  
Data File : PL092671.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Oct 2024 18:30  
Operator : AR\AJ  
Sample : PCHLORICV500  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL102824CHLOR

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 28 18:55:50 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 28 18:55:22 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102824\  
 Data File : PL092672.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Oct 2024 18:57  
 Operator : AR\AJ  
 Sample : PTOXICV500  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 ICVPL102824TOX

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 28 19:11:19 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\LTX102824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 28 18:04:49 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1  
 Signal #1 Info : 30M x 0.32mm x0.3 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...          | 3.540 | 2.778 | 120.8E6  | 137.1E6  | 50.385  | 51.035  |
| 7) SA Decachlor...          | 9.053 | 7.916 | 95483844 | 139.1E6  | 50.356  | 50.519  |
| Target Compounds            |       |       |          |          |         |         |
| 2) Toxaphene-1              | 6.237 | 5.006 | 12257412 | 10058947 | 555.039 | 528.973 |
| 3) Toxaphene-2              | 6.441 | 5.331 | 6863785  | 9788249  | 506.186 | 497.458 |
| 4) Toxaphene-3              | 7.058 | 6.604 | 39909041 | 34565997 | 513.663 | 508.031 |
| 5) Toxaphene-4              | 7.149 | 6.732 | 29767251 | 48553437 | 501.141 | 526.978 |
| 6) Toxaphene-5              | 7.933 | 7.046 | 22590334 | 32781409 | 503.299 | 499.967 |
| -----                       |       |       |          |          |         |         |

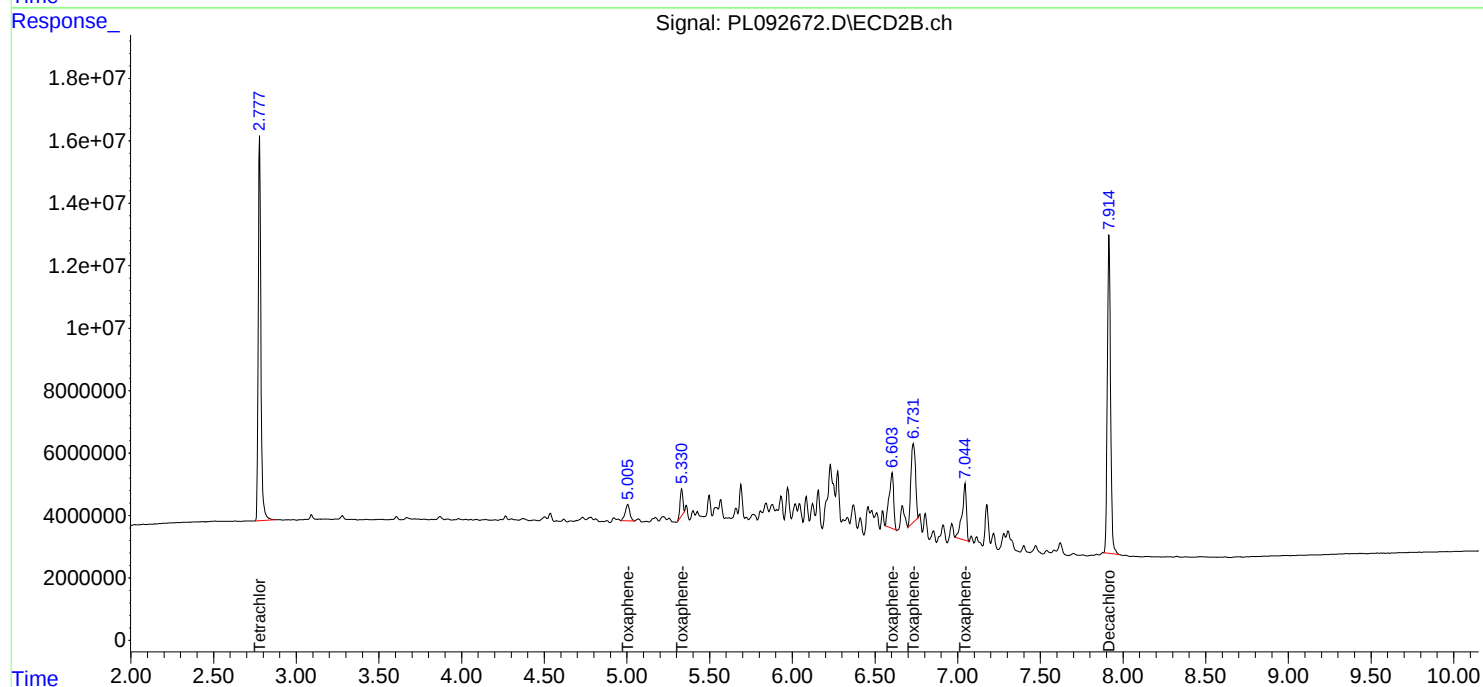
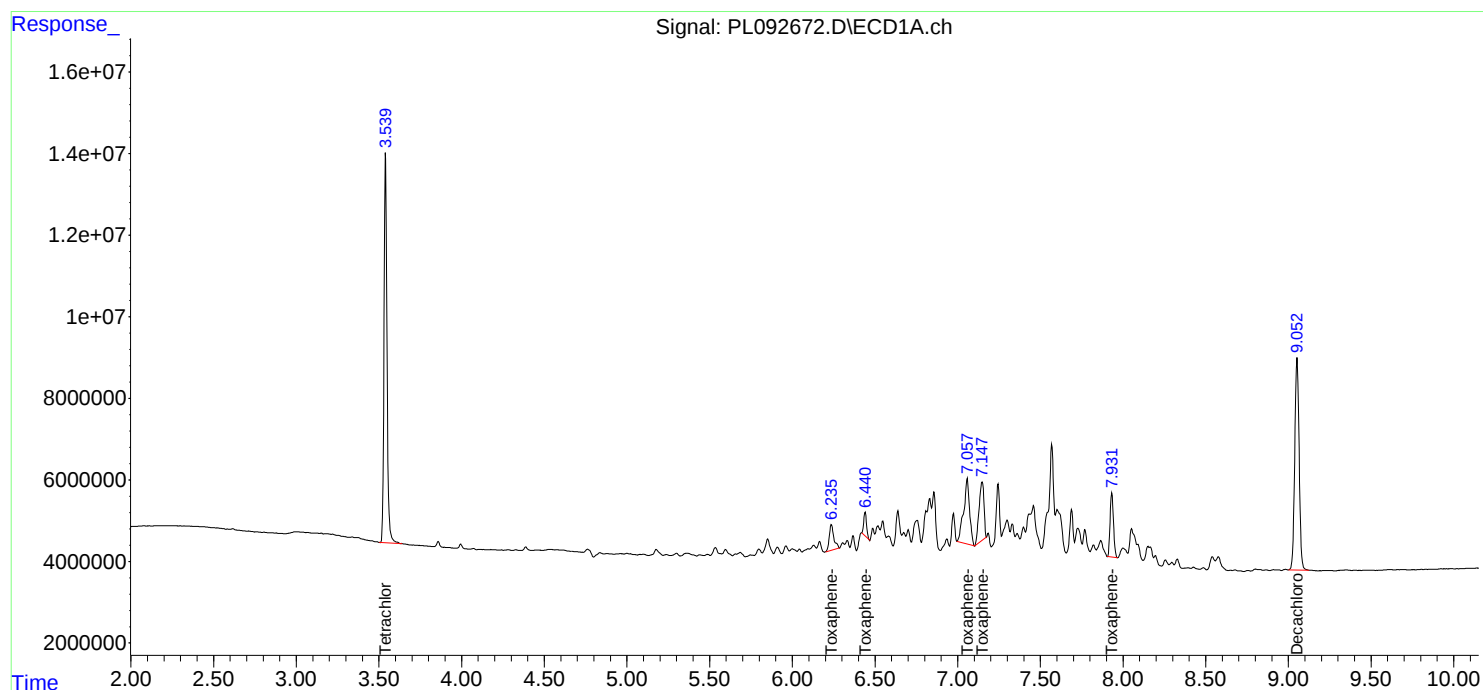
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102824\  
Data File : PL092672.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Oct 2024 18:57  
Operator : AR\AJ  
Sample : PTOXICV500  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
ICVPL102824TOX

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 28 19:11:19 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\LTX102824.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 28 18:04:49 2024  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : Rtx-CLPesticide 1 Signal #2 Phase: Rtx-CLPesticide 1  
Signal #1 Info : 30M x 0.32mm x 0.3 Signal #2 Info : 30M x 0.32mm x 0.25µm





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

### CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: P4799 SAS No.: P4799 SDG NO.: P4799

Continuing Calib Date: 11/13/2024 Initial Calibration Date(s): 10/28/2024 10/28/2024

Continuing Calib Time: 15:59 Initial Calibration Time(s): 14:43 15:36

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

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW<br>FROM   TO |      | DIFF<br>RT |
|----------------------|------------|-----------|------------------------|------|------------|
| Decachlorobiphenyl   | 9.05       | 9.05      | 8.95                   | 9.15 | 0.00       |
| Tetrachloro-m-xylene | 3.54       | 3.54      | 3.44                   | 3.64 | 0.00       |
| gamma-BHC (Lindane)  | 4.33       | 4.33      | 4.23                   | 4.43 | 0.00       |
| Heptachlor           | 4.92       | 4.92      | 4.82                   | 5.02 | 0.01       |
| Heptachlor epoxide   | 5.68       | 5.68      | 5.58                   | 5.78 | 0.00       |
| Endrin               | 6.57       | 6.57      | 6.47                   | 6.67 | 0.00       |
| Methoxychlor         | 7.50       | 7.50      | 7.40                   | 7.60 | 0.00       |



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### CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: P4799 SAS No.: P4799 SDG NO.: P4799

Continuing Calib Date: 11/13/2024 Initial Calibration Date(s): 10/28/2024 10/28/2024

Continuing Calib Time: 15:59 Initial Calibration Time(s): 14:43 15:36

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

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 7.91       | 7.92      | 7.82      | 8.02 | 0.01       |
| Tetrachloro-m-xylene | 2.78       | 2.78      | 2.68      | 2.88 | 0.00       |
| gamma-BHC (Lindane)  | 3.61       | 3.61      | 3.51      | 3.71 | 0.00       |
| Heptachlor           | 3.95       | 3.95      | 3.85      | 4.05 | 0.00       |
| Heptachlor epoxide   | 4.73       | 4.73      | 4.63      | 4.83 | 0.00       |
| Endrin               | 5.64       | 5.64      | 5.54      | 5.74 | 0.00       |
| Methoxychlor         | 6.61       | 6.62      | 6.52      | 6.72 | 0.01       |



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**CALIBRATION VERIFICATION SUMMARY**
**Contract:** ENTA05
**Lab Code:** CHEM      **Case No.:** P4799      **SAS No.:** P4799      **SDG NO.:** P4799
**GC Column:** ZB-MR2      **ID:** 0.32 (mm)      **Initi. Calib. Date(s):** 10/28/2024      10/28/2024
**Client Sample No.:** CCAL01      **Date Analyzed:** 11/13/2024
**Lab Sample No.:** PSTDCCC050      **Data File :** PL093039.D      **Time Analyzed:** 15:59

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| Decachlorobiphenyl   | 9.052 | 8.954     | 9.154 | 44.920             | 50.000            | -10.2 |
| Endrin               | 6.574 | 6.474     | 6.674 | 43.880             | 50.000            | -12.2 |
| gamma-BHC (Lindane)  | 4.326 | 4.228     | 4.428 | 48.610             | 50.000            | -2.8  |
| Heptachlor           | 4.915 | 4.817     | 5.017 | 46.490             | 50.000            | -7.0  |
| Heptachlor epoxide   | 5.682 | 5.584     | 5.784 | 47.320             | 50.000            | -5.4  |
| Methoxychlor         | 7.498 | 7.399     | 7.599 | 44.300             | 50.000            | -11.4 |
| Tetrachloro-m-xylene | 3.538 | 3.440     | 3.640 | 49.310             | 50.000            | -1.4  |



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### CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: P4799 SAS No.: P4799 SDG NO.: P4799

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/28/2024 10/28/2024

Client Sample No.: CCAL01 Date Analyzed: 11/13/2024

Lab Sample No.: PSTDCCC050 Data File : PL093039.D Time Analyzed: 15:59

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| Decachlorobiphenyl   | 7.913 | 7.816     | 8.016 | 47.140             | 50.000            | -5.7 |
| Endrin               | 5.638 | 5.541     | 5.741 | 51.820             | 50.000            | 3.6  |
| gamma-BHC (Lindane)  | 3.608 | 3.511     | 3.711 | 52.820             | 50.000            | 5.6  |
| Heptachlor           | 3.947 | 3.849     | 4.049 | 51.830             | 50.000            | 3.7  |
| Heptachlor epoxide   | 4.728 | 4.632     | 4.832 | 52.680             | 50.000            | 5.4  |
| Methoxychlor         | 6.612 | 6.515     | 6.715 | 49.140             | 50.000            | -1.7 |
| Tetrachloro-m-xylene | 2.775 | 2.678     | 2.878 | 51.640             | 50.000            | 3.3  |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111324\  
 Data File : PL093039.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Nov 2024 15:59  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

**Instrument :**

ECD\_L

**ClientSampleId :**

PSTDCCC050

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :Ankita Jodhani 11/14/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 14 00:34:59 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 28 18:58:23 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|---------|
| -----                       |                 |       |       |          |          |         |         |
| System Monitoring Compounds |                 |       |       |          |          |         |         |
| 1)                          | SA Tetrachlo... | 3.538 | 2.775 | 120.8E6  | 140.5E6  | 49.312  | 51.639  |
| 28)                         | SA Decachlor... | 9.052 | 7.913 | 86459587 | 128.7E6  | 44.925  | 47.141  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.994 | 3.278 | 165.7E6  | 212.5E6  | 48.844  | 53.266  |
| 3)                          | MA gamma-BHC... | 4.326 | 3.608 | 158.4E6  | 203.9E6  | 48.610  | 52.820  |
| 4)                          | MA Heptachlor   | 4.915 | 3.947 | 139.6E6  | 195.6E6  | 46.493  | 51.827  |
| 5)                          | MB Aldrin       | 5.257 | 4.227 | 140.3E6  | 195.4E6  | 46.742  | 53.377  |
| 6)                          | B beta-BHC      | 4.524 | 3.908 | 69805840 | 87210585 | 48.293  | 52.975  |
| 7)                          | B delta-BHC     | 4.772 | 4.137 | 151.0E6  | 211.8E6  | 48.254  | 55.104  |
| 8)                          | B Heptachlo...  | 5.682 | 4.728 | 130.7E6  | 176.0E6  | 47.319m | 52.679m |
| 9)                          | A Endosulfan I  | 6.068 | 5.099 | 114.7E6  | 141.0E6  | 45.862  | 46.183  |
| 10)                         | B gamma-Chl...  | 5.939 | 4.980 | 122.6E6  | 176.9E6  | 46.062  | 52.630  |
| 11)                         | B alpha-Chl...  | 6.018 | 5.043 | 121.9E6  | 174.2E6  | 46.033  | 52.379  |
| 12)                         | B 4,4'-DDE      | 6.191 | 5.232 | 111.7E6  | 174.0E6  | 47.131  | 53.999  |
| 13)                         | MA Dieldrin     | 6.343 | 5.364 | 120.8E6  | 175.4E6  | 45.844  | 52.496  |
| 14)                         | MA Endrin       | 6.574 | 5.638 | 99897113 | 149.9E6  | 43.879  | 51.821  |
| 15)                         | B Endosulfa...  | 6.793 | 5.932 | 107.1E6  | 150.1E6  | 44.935  | 52.967m |
| 16)                         | A 4,4'-DDD      | 6.708 | 5.787 | 93509204 | 138.6E6  | 48.715  | 55.649  |
| 17)                         | MA 4,4'-DDT     | 7.023 | 6.037 | 90938696 | 131.4E6  | 43.937  | 48.985  |
| 18)                         | B Endrin al...  | 6.923 | 6.113 | 85764582 | 117.4E6  | 45.669  | 50.888  |
| 19)                         | B Endosulfa...  | 7.157 | 6.336 | 98107285 | 141.2E6  | 45.204  | 52.347  |
| 20)                         | A Methoxychlor  | 7.498 | 6.612 | 50499468 | 70169643 | 44.298  | 49.137  |
| 21)                         | B Endrin ke...  | 7.642 | 6.840 | 110.3E6  | 160.6E6  | 45.508  | 52.318m |
| 22)                         | Mirex           | 8.115 | 7.020 | 86015796 | 123.4E6  | 43.405  | 47.300m |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111324\  
Data File : PL093039.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Nov 2024 15:59  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

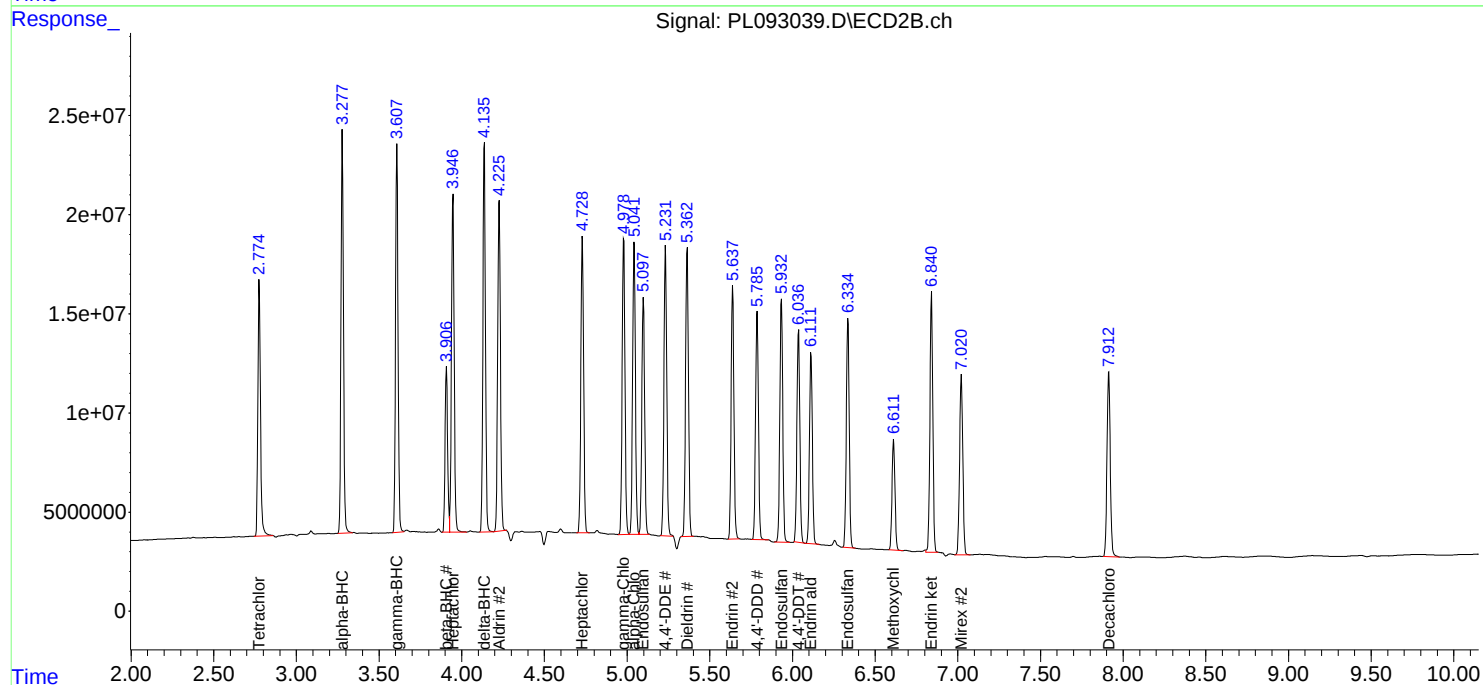
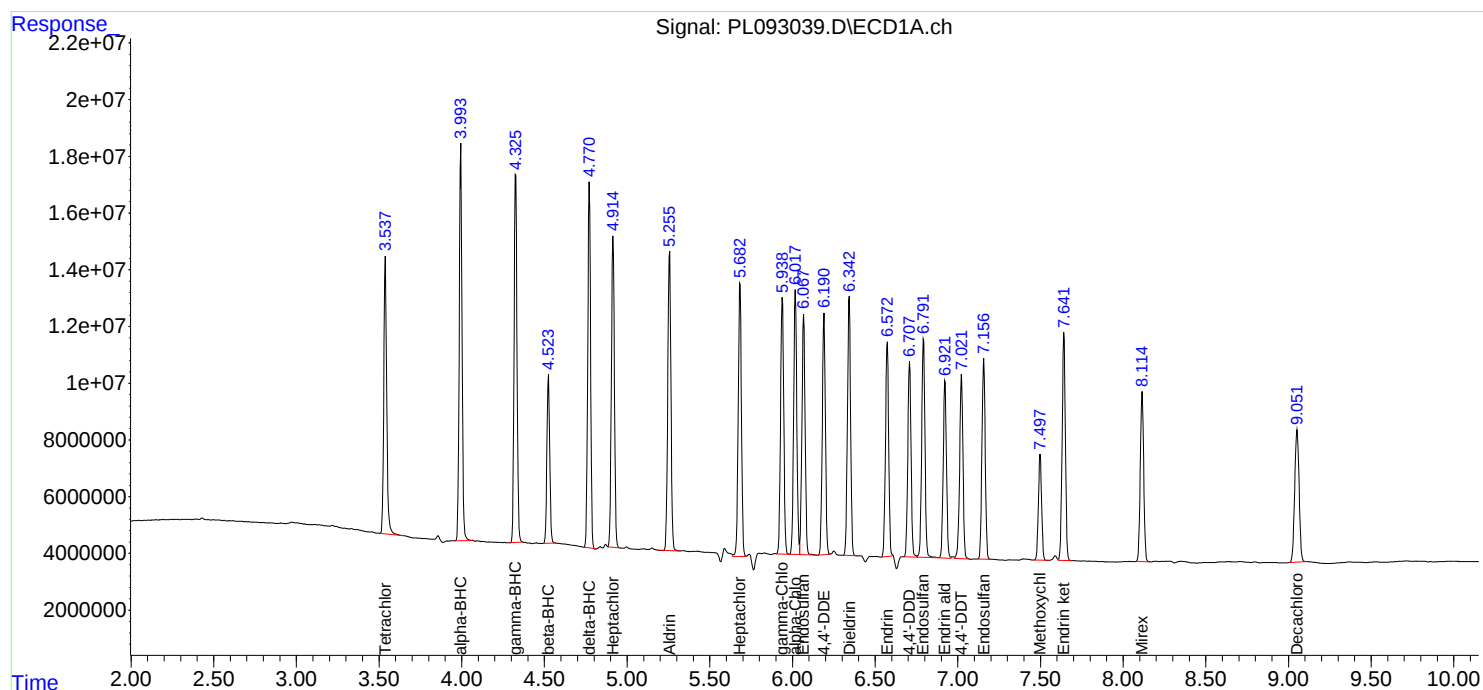
## Manual Integrations

## APPROVED

Reviewed By :Yogesh Patel 11/14/2024  
Supervised By :Ankita Jodhani 11/14/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 14 00:34:59 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 28 18:58:23 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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





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

### CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: P4799 SAS No.: P4799 SDG NO.: P4799

Continuing Calib Date: 11/13/2024 Initial Calibration Date(s): 10/28/2024 10/28/2024

Continuing Calib Time: 19:30 Initial Calibration Time(s): 14:43 15:36

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

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 9.05       | 9.05      | 8.95      | 9.15 | 0.00       |
| Tetrachloro-m-xylene | 3.54       | 3.54      | 3.44      | 3.64 | 0.00       |
| gamma-BHC (Lindane)  | 4.33       | 4.33      | 4.23      | 4.43 | 0.00       |
| Heptachlor           | 4.92       | 4.92      | 4.82      | 5.02 | 0.01       |
| Heptachlor epoxide   | 5.68       | 5.68      | 5.58      | 5.78 | 0.00       |
| Endrin               | 6.57       | 6.57      | 6.47      | 6.67 | 0.00       |
| Methoxychlor         | 7.50       | 7.50      | 7.40      | 7.60 | 0.00       |



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

### CALIBRATION VERIFICATION SUMMARY

Contract: ENTA05

Lab Code: CHEM Case No.: P4799 SAS No.: P4799 SDG NO.: P4799

Continuing Calib Date: 11/13/2024 Initial Calibration Date(s): 10/28/2024 10/28/2024

Continuing Calib Time: 19:30 Initial Calibration Time(s): 14:43 15:36

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

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 7.91       | 7.92      | 7.82      | 8.02 | 0.01       |
| Tetrachloro-m-xylene | 2.78       | 2.78      | 2.68      | 2.88 | 0.00       |
| gamma-BHC (Lindane)  | 3.61       | 3.61      | 3.51      | 3.71 | 0.00       |
| Heptachlor           | 3.95       | 3.95      | 3.85      | 4.05 | 0.00       |
| Heptachlor epoxide   | 4.73       | 4.73      | 4.63      | 4.83 | 0.00       |
| Endrin               | 5.64       | 5.64      | 5.54      | 5.74 | 0.00       |
| Methoxychlor         | 6.61       | 6.62      | 6.52      | 6.72 | 0.01       |



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

**CALIBRATION VERIFICATION SUMMARY**
**Contract:** ENTA05
**Lab Code:** CHEM      **Case No.:** P4799      **SAS No.:** P4799      **SDG NO.:** P4799
**GC Column:** ZB-MR2      **ID:** 0.32 (mm)      **Initi. Calib. Date(s):** 10/28/2024      10/28/2024
**Client Sample No.:** CCAL02      **Date Analyzed:** 11/13/2024
**Lab Sample No.:** PSTDCCC050      **Data File :** PL093051.D      **Time Analyzed:** 19:30

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| Decachlorobiphenyl   | 9.053 | 8.954     | 9.154 | 44.800             | 50.000            | -10.4 |
| Endrin               | 6.573 | 6.474     | 6.674 | 43.110             | 50.000            | -13.8 |
| gamma-BHC (Lindane)  | 4.327 | 4.228     | 4.428 | 47.910             | 50.000            | -4.2  |
| Heptachlor           | 4.915 | 4.817     | 5.017 | 45.940             | 50.000            | -8.1  |
| Heptachlor epoxide   | 5.681 | 5.584     | 5.784 | 47.660             | 50.000            | -4.7  |
| Methoxychlor         | 7.498 | 7.399     | 7.599 | 43.930             | 50.000            | -12.1 |
| Tetrachloro-m-xylene | 3.539 | 3.440     | 3.640 | 48.420             | 50.000            | -3.2  |



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

**CALIBRATION VERIFICATION SUMMARY**
**Contract:** ENTA05
**Lab Code:** CHEM      **Case No.:** P4799      **SAS No.:** P4799      **SDG NO.:** P4799
**GC Column:** ZB-MR1      **ID:** 0.32 (mm)      **Initi. Calib. Date(s):** 10/28/2024      10/28/2024
**Client Sample No.:** CCAL02      **Date Analyzed:** 11/13/2024
**Lab Sample No.:** PSTDCCC050      **Data File :** PL093051.D      **Time Analyzed:** 19:30

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| Decachlorobiphenyl   | 7.912 | 7.816     | 8.016 | 50.100             | 50.000            | 0.2  |
| Endrin               | 5.639 | 5.541     | 5.741 | 51.360             | 50.000            | 2.7  |
| gamma-BHC (Lindane)  | 3.609 | 3.511     | 3.711 | 52.250             | 50.000            | 4.5  |
| Heptachlor           | 3.947 | 3.849     | 4.049 | 51.030             | 50.000            | 2.1  |
| Heptachlor epoxide   | 4.728 | 4.632     | 4.832 | 52.530             | 50.000            | 5.1  |
| Methoxychlor         | 6.612 | 6.515     | 6.715 | 49.080             | 50.000            | -1.8 |
| Tetrachloro-m-xylene | 2.776 | 2.678     | 2.878 | 51.220             | 50.000            | 2.4  |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111324\  
 Data File : PL093051.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Nov 2024 19:30  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
**APPROVED**

Reviewed By :Yogesh Patel 11/14/2024  
 Supervised By :Ankita Jodhani 11/14/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 14 00:39:54 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 28 18:58:23 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|----------|---------|---------|
| -----                       |       |       |          |          |         |         |
| System Monitoring Compounds |       |       |          |          |         |         |
| 1) SA Tetrachlo...          | 3.539 | 2.776 | 118.6E6  | 139.4E6  | 48.418  | 51.221  |
| 28) SA Decachlor...         | 9.053 | 7.912 | 86222841 | 136.7E6  | 44.802  | 50.100m |
| Target Compounds            |       |       |          |          |         |         |
| 2) A alpha-BHC              | 3.995 | 3.279 | 163.3E6  | 210.1E6  | 48.134  | 52.649  |
| 3) MA gamma-BHC...          | 4.327 | 3.609 | 156.2E6  | 201.7E6  | 47.911  | 52.248  |
| 4) MA Heptachlor            | 4.915 | 3.947 | 138.0E6  | 192.6E6  | 45.943  | 51.028  |
| 5) MB Aldrin                | 5.257 | 4.227 | 138.9E6  | 193.2E6  | 46.262  | 52.775  |
| 6) B beta-BHC               | 4.525 | 3.909 | 69280473 | 86591313 | 47.930  | 52.599  |
| 7) B delta-BHC              | 4.772 | 4.137 | 150.8E6  | 209.3E6  | 48.184  | 54.461  |
| 8) B Heptachlo...           | 5.681 | 4.728 | 131.6E6  | 175.5E6  | 47.657m | 52.527m |
| 9) A Endosulfan I           | 6.068 | 5.099 | 114.2E6  | 138.6E6  | 45.638  | 45.386  |
| 10) B gamma-Chl...          | 5.938 | 4.980 | 121.9E6  | 177.6E6  | 45.798m | 52.840  |
| 11) B alpha-Chl...          | 6.018 | 5.043 | 121.3E6  | 174.2E6  | 45.802  | 52.361  |
| 12) B 4,4'-DDE              | 6.191 | 5.232 | 111.2E6  | 175.0E6  | 46.930  | 54.306  |
| 13) MA Dieldrin             | 6.344 | 5.364 | 120.3E6  | 176.4E6  | 45.628  | 52.820  |
| 14) MA Endrin               | 6.573 | 5.639 | 98148451 | 148.6E6  | 43.111  | 51.361  |
| 15) B Endosulfa...          | 6.793 | 5.932 | 106.3E6  | 152.2E6  | 44.590  | 53.709m |
| 16) A 4,4'-DDD              | 6.708 | 5.788 | 94095950 | 142.0E6  | 49.020  | 57.034  |
| 17) MA 4,4'-DDT             | 7.022 | 6.036 | 89270631 | 131.6E6  | 43.131  | 49.047m |
| 18) B Endrin al...          | 6.923 | 6.113 | 86077406 | 120.0E6  | 45.835  | 52.029  |
| 19) B Endosulfa...          | 7.157 | 6.335 | 99038874 | 142.8E6  | 45.633  | 52.934  |
| 20) A Methoxychlor          | 7.498 | 6.612 | 50085472 | 70085942 | 43.935  | 49.079  |
| 21) B Endrin ke...          | 7.641 | 6.841 | 111.2E6  | 162.8E6  | 45.910  | 53.039  |
| 22) Mirex                   | 8.115 | 7.021 | 87089040 | 131.1E6  | 43.947  | 50.236  |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111324\  
Data File : PL093051.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Nov 2024 19:30  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

## Manual Integrations

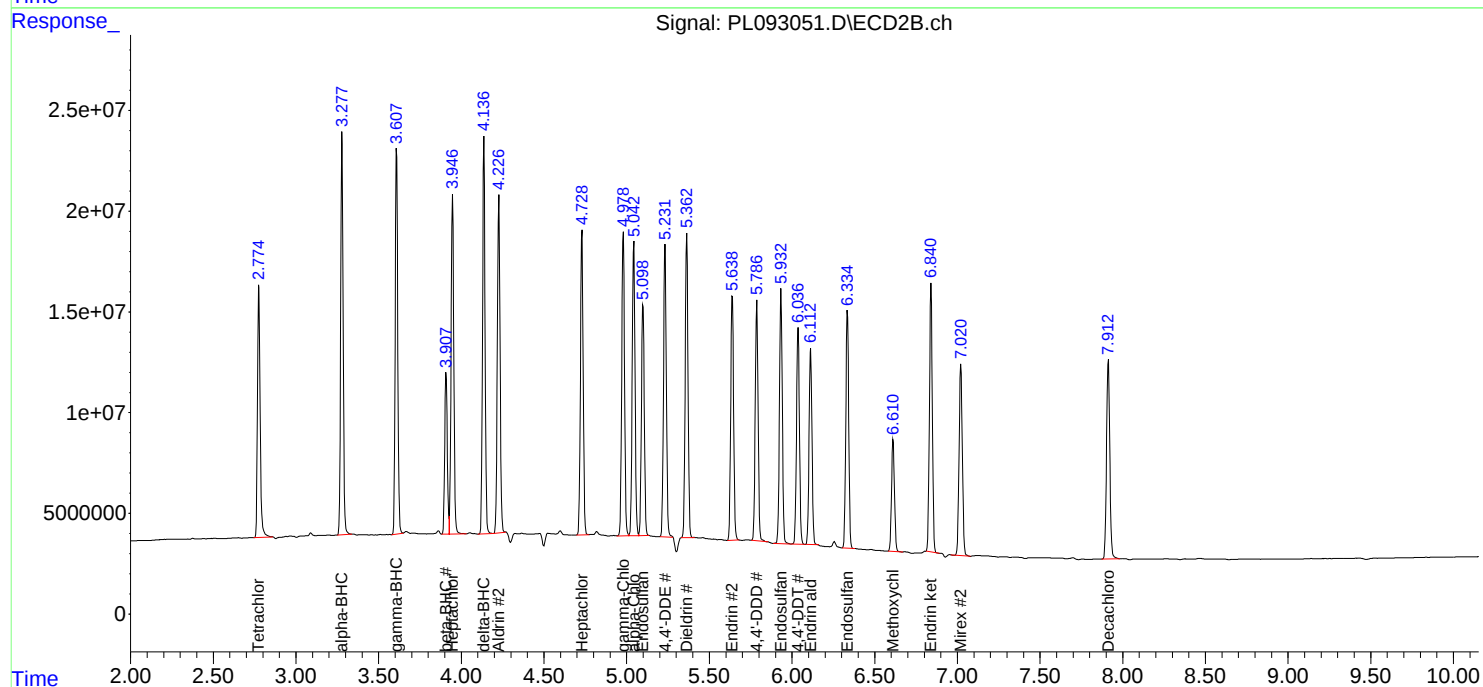
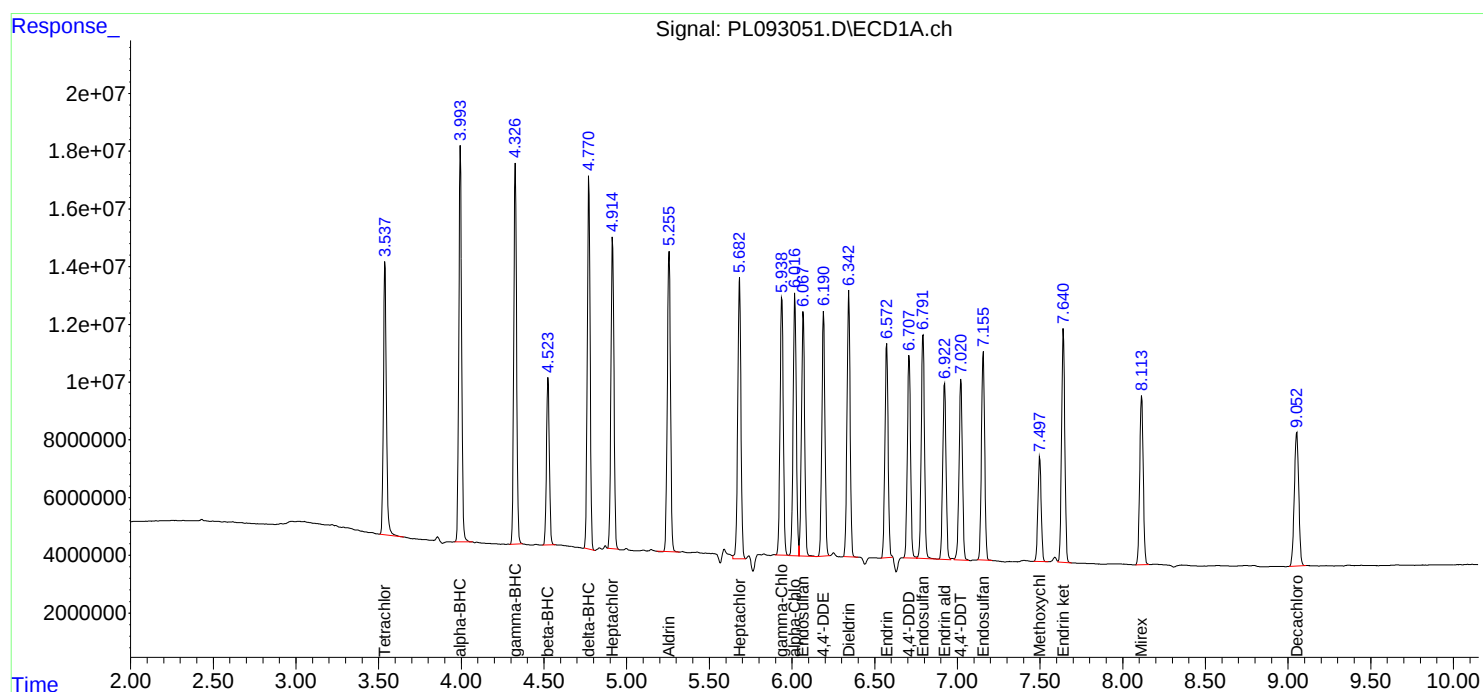
## APPROVED

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :Ankita Jodhani 11/14/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 14 00:39:54 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 28 18:58:23 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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



**PESTICIDE CALIBRATION VERIFICATION SUMMARY**

Contract: ENTA05

Lab Code: CHEM Case No.: P4799 SAS No.: P4799 SDG NO.: P4799

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/28/2024 10/28/2024

Client Sample No. (PEM): PEM - PL092653.D Date Analyzed: 10/28/2024

Lab Sample No.(PEM): PEM Time Analyzed: 14:16

| PEM COMPOUND         | RT    | RT WINDOW |       | CALC       | NOM        | %D    |
|----------------------|-------|-----------|-------|------------|------------|-------|
|                      |       | FROM      | TO    | AMOUNT(ng) | AMOUNT(ng) |       |
| Decachlorobiphenyl   | 9.059 | 8.960     | 9.160 | 19.970     | 20.000     | -0.2  |
| Tetrachloro-m-xylene | 3.546 | 3.500     | 3.600 | 19.290     | 20.000     | -3.6  |
| alpha-BHC            | 4.001 | 3.950     | 4.050 | 9.920      | 10.000     | -0.8  |
| beta-BHC             | 4.531 | 4.480     | 4.580 | 10.060     | 10.000     | 0.6   |
| gamma-BHC (Lindane)  | 4.334 | 4.280     | 4.380 | 9.660      | 10.000     | -3.4  |
| Endrin               | 6.580 | 6.510     | 6.650 | 41.060     | 50.000     | -17.9 |
| 4,4'-DDT             | 7.030 | 6.960     | 7.100 | 88.060     | 100.000    | -11.9 |
| Methoxychlor         | 7.505 | 7.430     | 7.580 | 204.090    | 250.000    | -18.4 |

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/28/2024 10/28/2024

Client Sample No. (PEM): PEM - PL092653.D Date Analyzed: 10/28/2024

Lab Sample No.(PEM): PEM Time Analyzed: 14:16

| PEM COMPOUND         | RT    | RT WINDOW |       | CALC       | NOM        | %D    |
|----------------------|-------|-----------|-------|------------|------------|-------|
|                      |       | FROM      | TO    | AMOUNT(ng) | AMOUNT(ng) |       |
| Decachlorobiphenyl   | 7.918 | 7.820     | 8.020 | 19.080     | 20.000     | -4.6  |
| Tetrachloro-m-xylene | 2.778 | 2.730     | 2.830 | 18.500     | 20.000     | -7.5  |
| alpha-BHC            | 3.281 | 3.230     | 3.330 | 8.630      | 10.000     | -13.7 |
| beta-BHC             | 3.911 | 3.860     | 3.960 | 9.760      | 10.000     | -2.4  |
| gamma-BHC (Lindane)  | 3.611 | 3.560     | 3.660 | 8.390      | 10.000     | -16.1 |
| Endrin               | 5.643 | 5.570     | 5.710 | 44.130     | 50.000     | -11.7 |
| 4,4'-DDT             | 6.042 | 5.970     | 6.110 | 98.070     | 100.000    | -1.9  |
| Methoxychlor         | 6.616 | 6.550     | 6.690 | 225.800    | 250.000    | -9.7  |

PEM  
Data File: PL092653.D Date Acquired 10/28/2024 14:16  
Operator: AR\AJ

**ENDRIN BREAK DOWN**

Column #1

| Name            | RT   | Response    | Response<br>[E+EA+EK] | Response<br>[EA+EK] | % Break Down |
|-----------------|------|-------------|-----------------------|---------------------|--------------|
| Endrin          | 6.58 | 93472858.4  | 100627495.1           | 7154636.74          | 7.11         |
| Endrin aldehyde | 6.93 | 2255618.869 |                       |                     |              |
| Endrin ketone   | 7.65 | 4899017.868 |                       |                     |              |

Column #2

| Name               | RT   | Response    | Response<br>[E+EA+EK] | Response<br>[EA+EK] | % Break Down |
|--------------------|------|-------------|-----------------------|---------------------|--------------|
| Endrin #2          | 5.64 | 127670048.1 | 136276212.4           | 8606164.28          | 6.32         |
| Endrin aldehyde #2 | 6.12 | 3697589.438 |                       |                     |              |
| Endrin ketone #2   | 6.84 | 4908574.846 |                       |                     |              |

**DDT BREAK DOWN**

Column #1

| Name     | RT   | Response    | Response<br>[DDT+DDE+DDD] | Response<br>[DDE+DDD] | % Break Down |
|----------|------|-------------|---------------------------|-----------------------|--------------|
| 4,4'-DDT | 7.03 | 182263263.3 | 183689930.4               | 1426667.08            | 0.78         |
| 4,4'-DDE | 0.00 | 0           |                           |                       |              |
| 4,4'-DDD | 6.72 | 1426667.076 |                           |                       |              |

Column #2

| Name        | RT   | Response    | Response<br>[DDT+DDE+DDD] | Response<br>[DDE+DDD] | % Break Down |
|-------------|------|-------------|---------------------------|-----------------------|--------------|
| 4,4'-DDT #2 | 6.04 | 263061944.1 | 264286032.2               | 1224088.02            | 0.46         |
| 4,4'-DDE #2 | 0.00 | 0           |                           |                       |              |
| 4,4'-DDD #2 | 5.79 | 1224088.016 |                           |                       |              |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102824\  
 Data File : PL092653.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Oct 2024 14:16  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 10/29/2024  
 Supervised By : Ankita Jodhani 10/29/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 28 17:21:12 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 28 17:19:58 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|---------|
| -----                       |                 |       |       |          |          |         |         |
| System Monitoring Compounds |                 |       |       |          |          |         |         |
| 1)                          | SA Tetrachlo... | 3.546 | 2.778 | 47253047 | 50346316 | 19.285  | 18.502  |
| 28)                         | SA Decachlor... | 9.059 | 7.918 | 38436874 | 52072459 | 19.972  | 19.079  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 4.001 | 3.281 | 33636067 | 34444224 | 9.918   | 8.632   |
| 3)                          | MA gamma-BHC... | 4.334 | 3.611 | 31492360 | 32364466 | 9.662   | 8.386   |
| 6)                          | B beta-BHC      | 4.531 | 3.911 | 14540729 | 16063325 | 10.060  | 9.758   |
| 14)                         | MA Endrin       | 6.580 | 5.643 | 93472858 | 127.7E6  | 41.057  | 44.131  |
| 16)                         | A 4,4'-DDD      | 6.718 | 5.791 | 1426667  | 1224088  | 0.743m  | 0.492m# |
| 17)                         | MA 4,4'-DDT     | 7.030 | 6.042 | 182.3E6  | 263.1E6  | 88.060  | 98.075  |
| 18)                         | B Endrin al...  | 6.930 | 6.117 | 2255619  | 3697589  | 1.201   | 1.603 # |
| 20)                         | A Methoxychlor  | 7.505 | 6.616 | 232.7E6  | 322.5E6  | 204.088 | 225.801 |
| 21)                         | B Endrin ke...  | 7.648 | 6.845 | 4899018  | 4908575  | 2.022   | 1.600   |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102824\  
Data File : PL092653.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Oct 2024 14:16  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

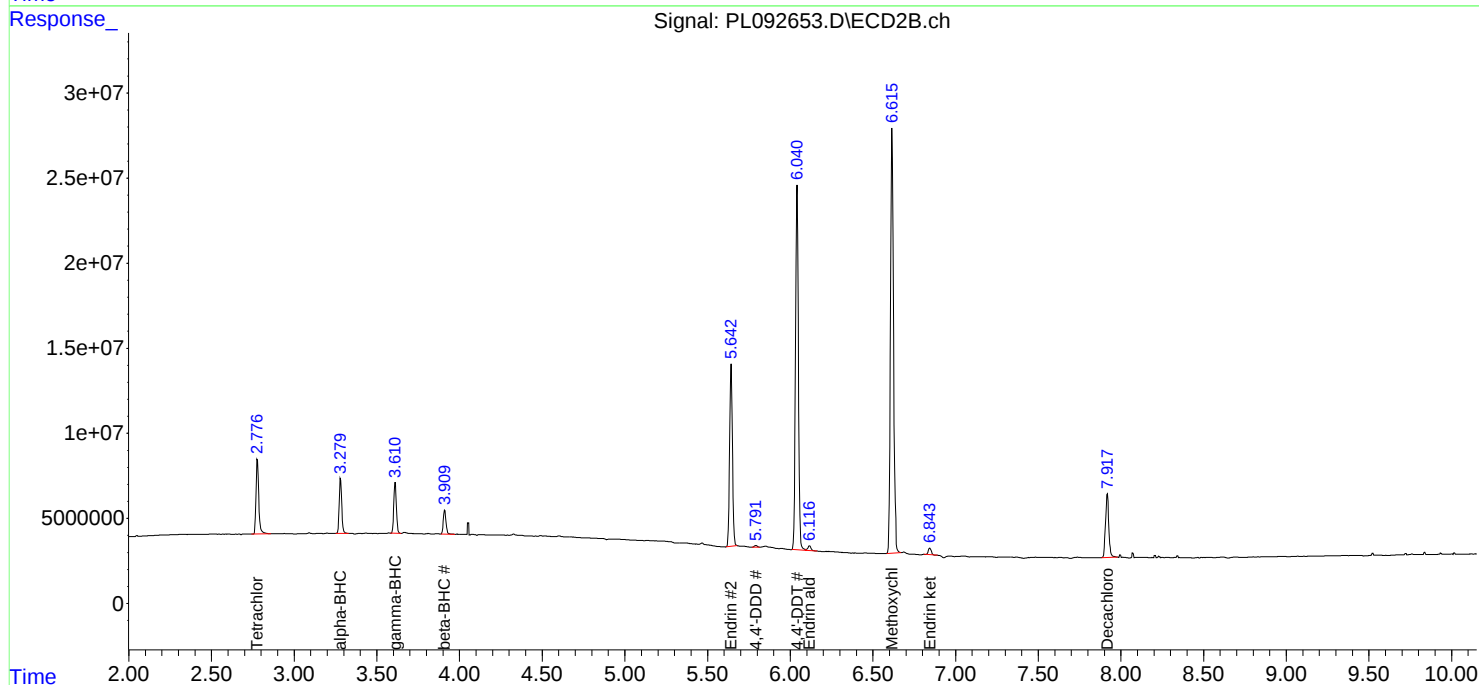
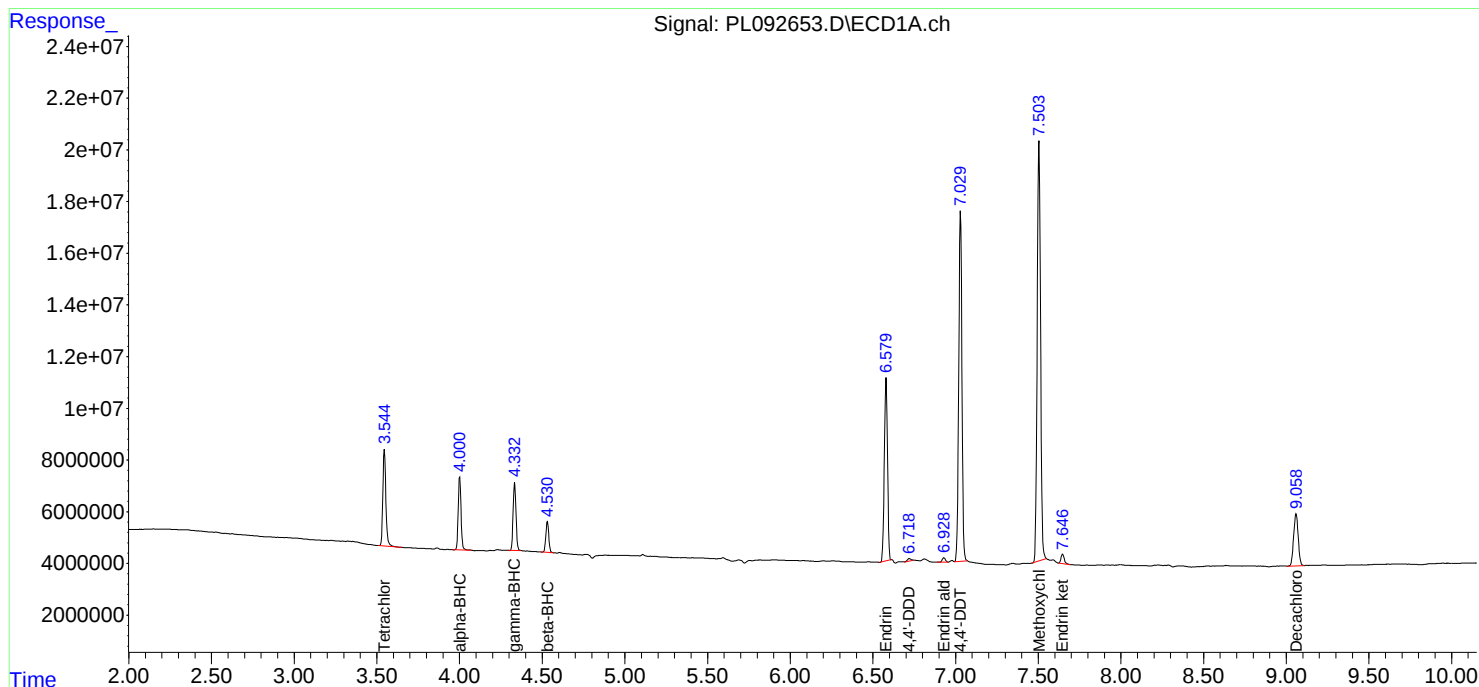
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 10/29/2024  
Supervised By :Ankita Jodhani 10/29/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 28 17:21:12 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 28 17:19:58 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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



**PESTICIDE CALIBRATION VERIFICATION SUMMARY**

Contract: ENTA05

Lab Code: CHEM Case No.: P4799 SAS No.: P4799 SDG NO.: P4799

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/28/2024 10/28/2024

Client Sample No. (PEM): PEM - PL093018.D Date Analyzed: 11/13/2024

Lab Sample No.(PEM): PEM Time Analyzed: 08:52

| PEM COMPOUND         | RT    | RT WINDOW |       | CALC       | NOM        | %D   |
|----------------------|-------|-----------|-------|------------|------------|------|
|                      |       | FROM      | TO    | AMOUNT(ng) | AMOUNT(ng) |      |
| Decachlorobiphenyl   | 9.057 | 8.960     | 9.160 | 21.880     | 20.000     | 9.4  |
| Tetrachloro-m-xylene | 3.542 | 3.490     | 3.590 | 23.350     | 20.000     | 16.8 |
| alpha-BHC            | 3.998 | 3.950     | 4.050 | 11.890     | 10.000     | 18.9 |
| beta-BHC             | 4.528 | 4.480     | 4.580 | 12.410     | 10.000     | 24.1 |
| gamma-BHC (Lindane)  | 4.331 | 4.280     | 4.380 | 11.780     | 10.000     | 17.8 |
| Endrin               | 6.576 | 6.510     | 6.650 | 45.930     | 50.000     | -8.1 |
| 4,4'-DDT             | 7.027 | 6.960     | 7.100 | 97.080     | 100.000    | -2.9 |
| Methoxychlor         | 7.503 | 7.430     | 7.570 | 225.720    | 250.000    | -9.7 |

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/28/2024 10/28/2024

Client Sample No. (PEM): PEM - PL093018.D Date Analyzed: 11/13/2024

Lab Sample No.(PEM): PEM Time Analyzed: 08:52

| PEM COMPOUND         | RT    | RT WINDOW |       | CALC       | NOM        | %D   |
|----------------------|-------|-----------|-------|------------|------------|------|
|                      |       | FROM      | TO    | AMOUNT(ng) | AMOUNT(ng) |      |
| Decachlorobiphenyl   | 7.916 | 7.820     | 8.020 | 22.340     | 20.000     | 11.7 |
| Tetrachloro-m-xylene | 2.779 | 2.730     | 2.830 | 23.950     | 20.000     | 19.8 |
| alpha-BHC            | 3.281 | 3.230     | 3.330 | 11.420     | 10.000     | 14.2 |
| beta-BHC             | 3.911 | 3.860     | 3.960 | 13.080     | 10.000     | 30.8 |
| gamma-BHC (Lindane)  | 3.611 | 3.560     | 3.660 | 11.170     | 10.000     | 11.7 |
| Endrin               | 5.642 | 5.570     | 5.710 | 58.920     | 50.000     | 17.8 |
| 4,4'-DDT             | 6.040 | 5.970     | 6.110 | 127.270    | 100.000    | 27.3 |
| Methoxychlor         | 6.615 | 6.540     | 6.690 | 280.830    | 250.000    | 12.3 |

PEM  
Data File: PL093018.D Date Acquired 11/13/2024 8:52  
Operator: AR\AJ

**ENDRIN BREAK DOWN**

Column #1

| Name            | RT   | Response    | Response<br>[E+EA+EK] | Response<br>[EA+EK] | % Break Down |
|-----------------|------|-------------|-----------------------|---------------------|--------------|
| Endrin          | 6.58 | 104555768.5 | 114632464.5           | 10076696            | 8.79         |
| Endrin aldehyde | 6.93 | 3886994.27  |                       |                     |              |
| Endrin ketone   | 7.64 | 6189701.711 |                       |                     |              |

Column #2

| Name               | RT   | Response    | Response<br>[E+EA+EK] | Response<br>[EA+EK] | % Break Down |
|--------------------|------|-------------|-----------------------|---------------------|--------------|
| Endrin #2          | 5.64 | 170447574.9 | 182275879.5           | 11828304.5          | 6.49         |
| Endrin aldehyde #2 | 6.12 | 4443182.743 |                       |                     |              |
| Endrin ketone #2   | 6.84 | 7385121.777 |                       |                     |              |

**DDT BREAK DOWN**

Column #1

| Name     | RT   | Response    | Response<br>[DDT+DDE+DDD] | Response<br>[DDE+DDD] | % Break Down |
|----------|------|-------------|---------------------------|-----------------------|--------------|
| 4,4'-DDT | 7.03 | 200940897.3 | 203687232.8               | 2746335.46            | 1.35         |
| 4,4'-DDE | 0.00 | 0           |                           |                       |              |
| 4,4'-DDD | 6.71 | 2746335.461 |                           |                       |              |

Column #2

| Name        | RT   | Response    | Response<br>[DDT+DDE+DDD] | Response<br>[DDE+DDD] | % Break Down |
|-------------|------|-------------|---------------------------|-----------------------|--------------|
| 4,4'-DDT #2 | 6.04 | 341374225   | 344578502                 | 3204276.96            | 0.93         |
| 4,4'-DDE #2 | 0.00 | 0           |                           |                       |              |
| 4,4'-DDD #2 | 5.79 | 3204276.959 |                           |                       |              |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111324\  
 Data File : PL093018.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Nov 2024 08:52  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

### Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/14/2024  
 Supervised By :Ankita Jodhani 11/14/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 13 12:14:59 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 28 18:58:23 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml     |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|-----------|
| -----                       |                 |       |       |          |          |         |           |
| System Monitoring Compounds |                 |       |       |          |          |         |           |
| 1)                          | SA Tetrachlo... | 3.542 | 2.779 | 57209165 | 65165006 | 23.348  | 23.947    |
| 28)                         | SA Decachlor... | 9.057 | 7.916 | 42101099 | 60960942 | 21.876  | 22.336    |
| Target Compounds            |                 |       |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.998 | 3.281 | 40309120 | 45575386 | 11.885  | 11.422    |
| 3)                          | MA gamma-BHC... | 4.331 | 3.611 | 38404812 | 43121070 | 11.782  | 11.173    |
| 6)                          | B beta-BHC      | 4.528 | 3.911 | 17941285 | 21528686 | 12.412  | 13.077    |
| 14)                         | MA Endrin       | 6.576 | 5.642 | 104.6E6  | 170.4E6  | 45.925  | 58.917 #  |
| 16)                         | A 4,4'-DDD      | 6.710 | 5.789 | 2746335  | 3204277  | 1.431m  | 1.287     |
| 17)                         | MA 4,4'-DDT     | 7.027 | 6.040 | 200.9E6  | 341.4E6  | 97.085  | 127.271 # |
| 18)                         | B Endrin al...  | 6.927 | 6.116 | 3886994  | 4443183  | 2.070   | 1.926     |
| 20)                         | A Methoxychlor  | 7.503 | 6.615 | 257.3E6  | 401.0E6  | 225.720 | 280.827   |
| 21)                         | B Endrin ke...  | 7.645 | 6.842 | 6189702  | 7385122  | 2.555   | 2.407m    |
| -----                       |                 |       |       |          |          |         |           |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111324\  
Data File : PL093018.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Nov 2024 08:52  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

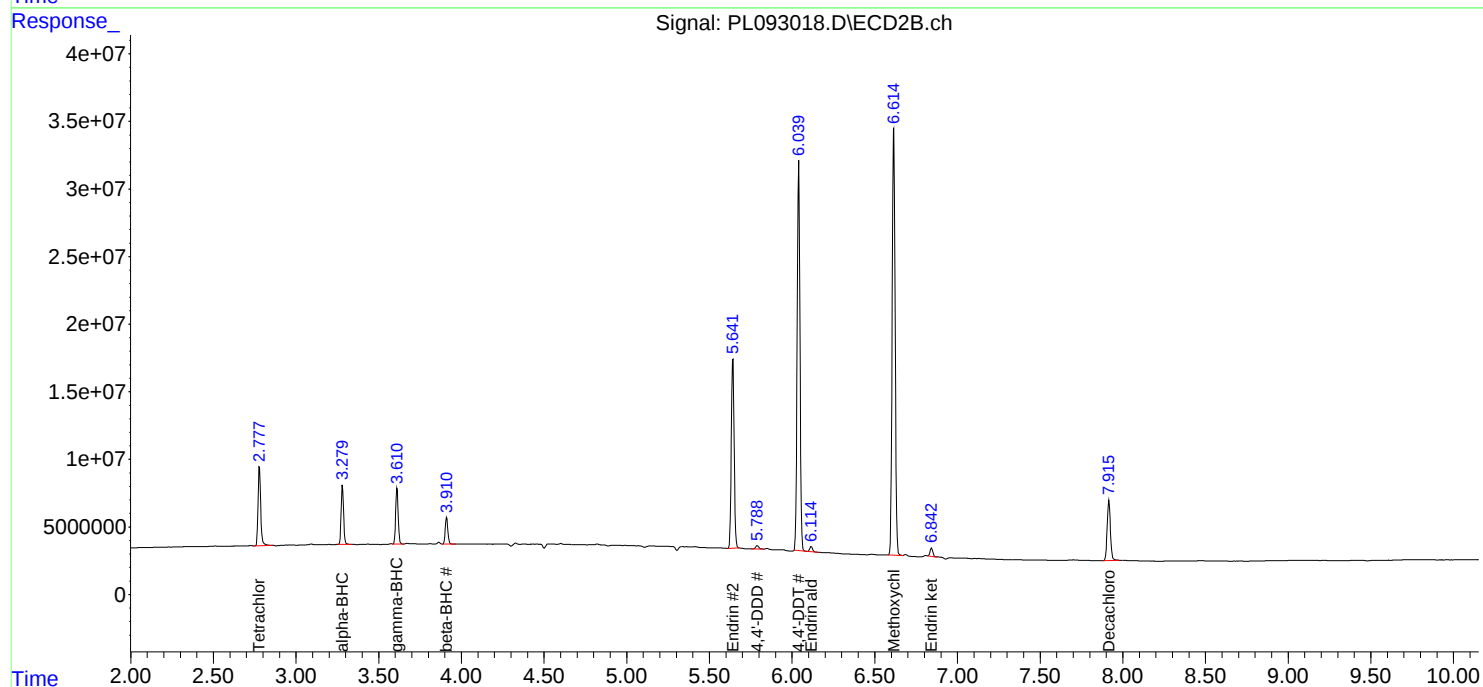
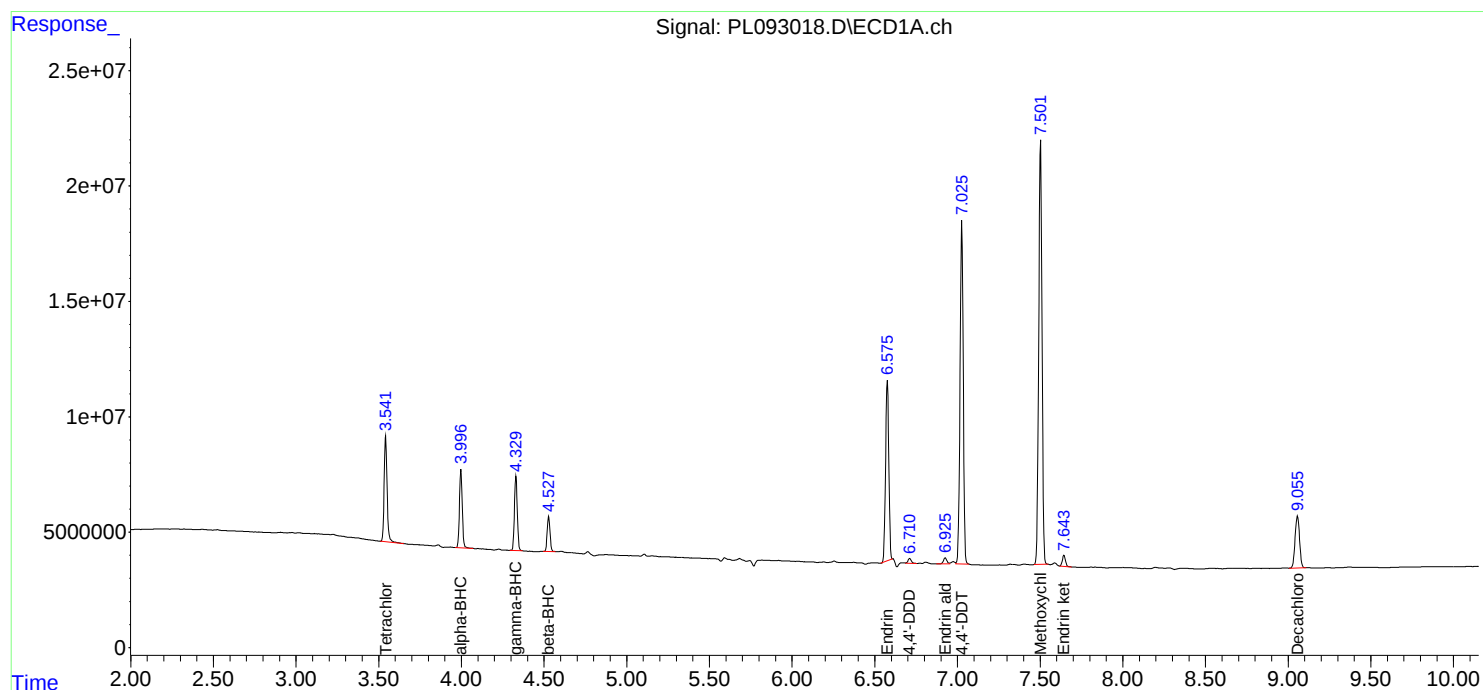
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

Manual Integrations  
APPROVED

Reviewed By :Yogesh Patel 11/14/2024  
Supervised By :Ankita Jodhani 11/14/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 13 12:14:59 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 28 18:58:23 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102824\  
Data File : PL092654.D  
Acq On : 28 Oct 2024 14:29  
Operator : AR\AJ  
Sample : RESCHK  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e

Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
Title : GC Extractables  
Last Update : Mon Oct 28 18:58:23 2024  
Integrator: ChemStation

| RT#1  | RT#2  | Resolution |
|-------|-------|------------|
| 3.540 | 5.940 | 100.00%    |
| 5.940 | 6.070 | 100.00%    |
| 6.070 | 6.193 | 100.00%    |
| 6.193 | 6.345 | 100.00%    |
| 6.345 | 7.158 | 100.00%    |
| 7.158 | 7.499 | 100.00%    |
| 7.499 | 7.643 | 100.00%    |
| 7.643 | 9.054 | 100.00%    |

## Signal #2

|       |       |         |
|-------|-------|---------|
| 2.778 | 4.982 | 100.00% |
| 4.982 | 5.102 | 100.00% |
| 5.102 | 5.235 | 100.00% |
| 5.235 | 5.366 | 100.00% |
| 5.366 | 6.338 | 100.00% |
| 6.338 | 6.615 | 100.00% |
| 6.615 | 6.844 | 100.00% |
| 6.844 | 7.916 | 100.00% |

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102824\  
 Data File : PL092654.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Oct 2024 14:29  
 Operator : AR\AJ  
 Sample : RESCHK  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 RESCHK

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 28 17:21:40 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 28 17:19:58 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-----------------|-------|-------|----------|----------|--------|--------|
| -----                       |                 |       |       |          |          |        |        |
| System Monitoring Compounds |                 |       |       |          |          |        |        |
| 1)                          | SA Tetrachlo... | 3.540 | 2.778 | 48587926 | 52085719 | 19.830 | 19.141 |
| 28)                         | SA Decachlor... | 9.054 | 7.916 | 38629596 | 53476121 | 20.072 | 19.594 |
| Target Compounds            |                 |       |       |          |          |        |        |
| 9)                          | A Endosulfan I  | 6.070 | 5.102 | 26602716 | 28047383 | 10.635 | 9.186  |
| 10)                         | B gamma-Chl...  | 5.940 | 4.982 | 28607831 | 32626788 | 10.752 | 9.705  |
| 12)                         | B 4,4'-DDE      | 6.193 | 5.235 | 47717989 | 61582025 | 20.141 | 19.115 |
| 13)                         | MA Dieldrin     | 6.345 | 5.366 | 51856039 | 61668549 | 19.676 | 18.462 |
| 19)                         | B Endosulfa...  | 7.158 | 6.338 | 40592527 | 50485467 | 18.703 | 18.720 |
| 20)                         | A Methoxychlor  | 7.499 | 6.615 | 100.3E6  | 134.2E6  | 87.976 | 93.949 |
| 21)                         | B Endrin ke...  | 7.643 | 6.844 | 47240044 | 57600618 | 19.498 | 18.770 |
| -----                       |                 |       |       |          |          |        |        |

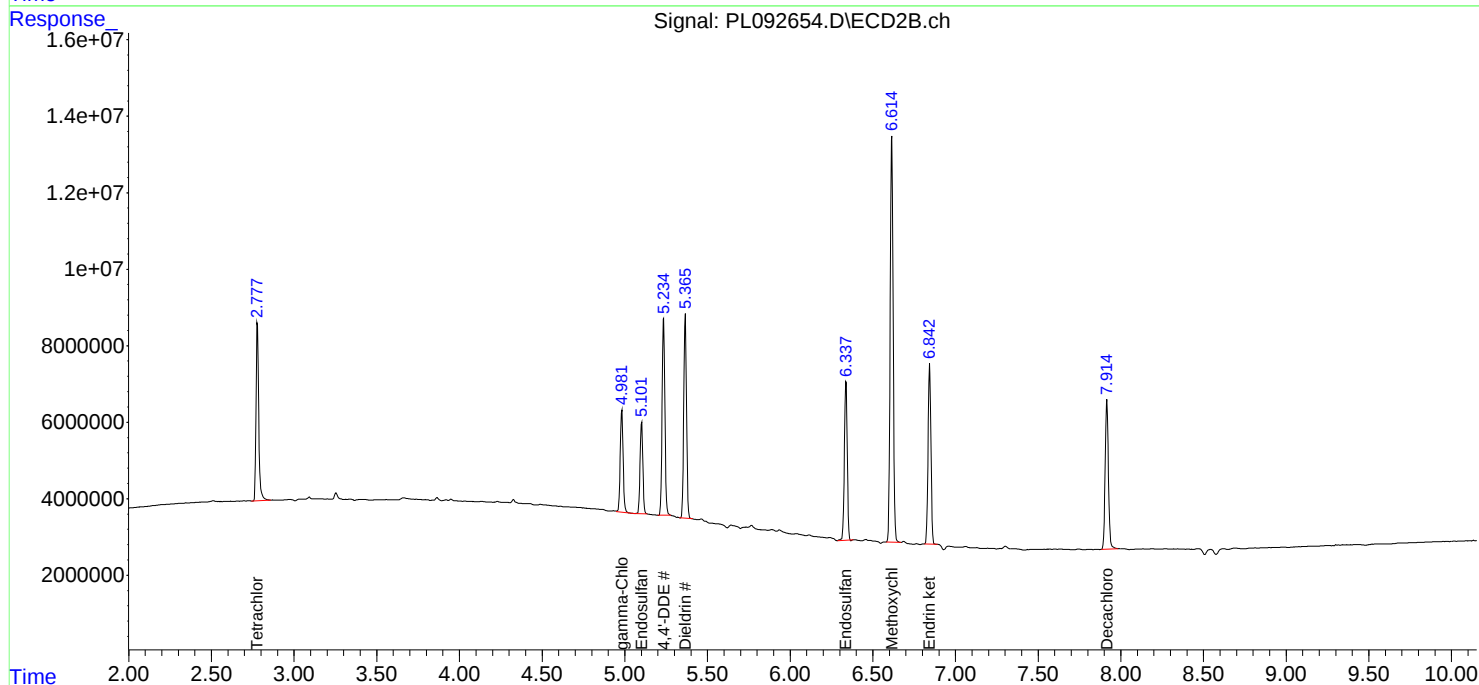
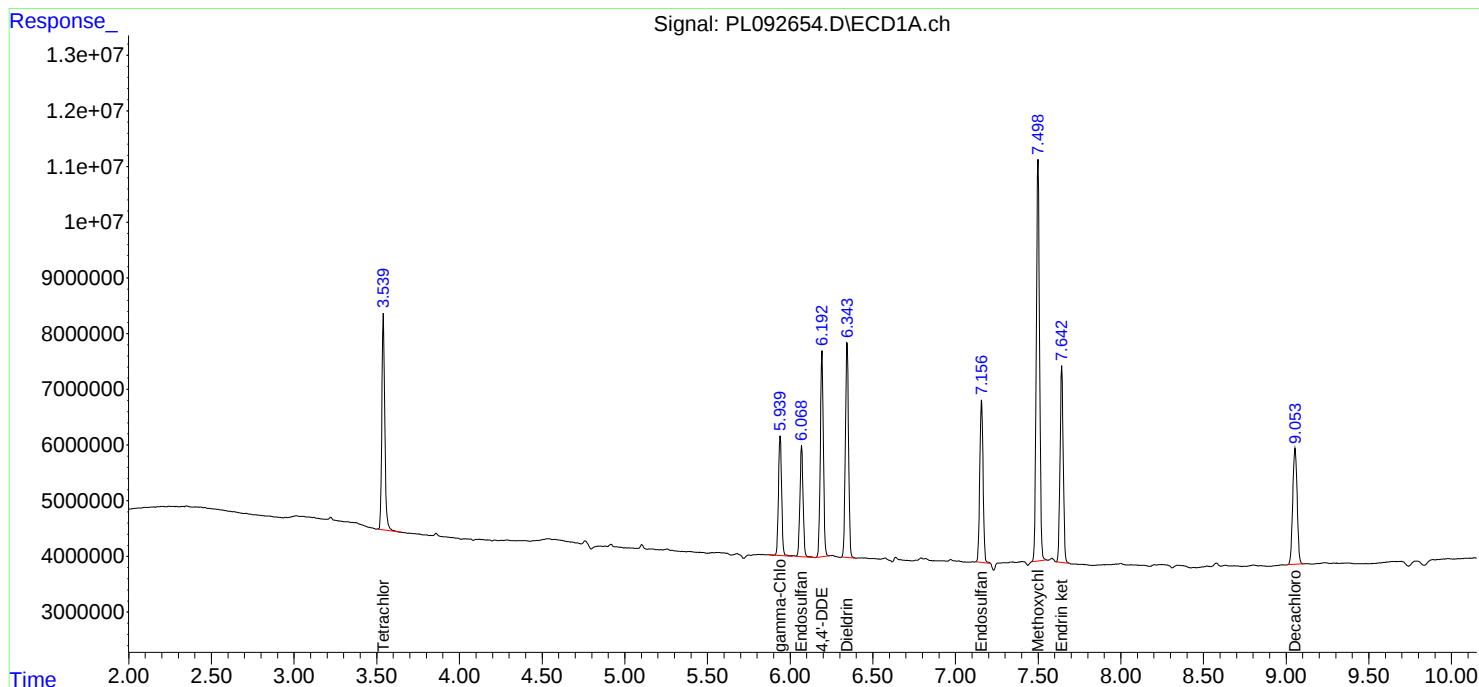
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102824\  
Data File : PL092654.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Oct 2024 14:29  
Operator : AR\AJ  
Sample : RESCHK  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
RESCHK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 28 17:21:40 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 28 17:19:58 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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



## Analytical Sequence

**Client:** ENTACT

**SDG No.:** P4799

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

**Instrument ID:** ECD\_L

**GC Column:** ZB-MR2

**ID:** 0.32 (mm)

**Inst. Calib. Date(s):** 10/28/2024

10/28/2024

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,  
AND STANDARDS IS GIVEN BELOW:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | DATE<br>ANALYZED | TIME<br>ANALYZED | DATAFILE   | DCB<br>RT # | TCX<br>RT # |
|-------------------|------------------|------------------|------------------|------------|-------------|-------------|
| IBLK              | IBLK             | 10/28/2024       | 13:55            | PL092652.D | 9.05        | 3.54        |
| PEM               | PEM              | 10/28/2024       | 14:16            | PL092653.D | 9.06        | 3.55        |
| RESCHK            | RESCHK           | 10/28/2024       | 14:29            | PL092654.D | 9.05        | 3.54        |
| PSTDICC100        | PSTDICC100       | 10/28/2024       | 14:43            | PL092655.D | 9.05        | 3.54        |
| PSTDICC075        | PSTDICC075       | 10/28/2024       | 14:56            | PL092656.D | 9.05        | 3.54        |
| PSTDICC050        | PSTDICC050       | 10/28/2024       | 15:09            | PL092657.D | 9.05        | 3.54        |
| PSTDICC025        | PSTDICC025       | 10/28/2024       | 15:23            | PL092658.D | 9.05        | 3.54        |
| PSTDICC005        | PSTDICC005       | 10/28/2024       | 15:36            | PL092659.D | 9.05        | 3.54        |
| PCHLORICC500      | PCHLORICC500     | 10/28/2024       | 16:16            | PL092662.D | 9.06        | 3.54        |
| PTOXICC500        | PTOXICC500       | 10/28/2024       | 17:23            | PL092667.D | 9.05        | 3.54        |
| PEM               | PEM              | 11/13/2024       | 08:52            | PL093018.D | 9.06        | 3.54        |
| IBLK              | IBLK             | 11/13/2024       | 15:45            | PL093038.D | 9.05        | 3.54        |
| PSTDCCC050        | PSTDCCC050       | 11/13/2024       | 15:59            | PL093039.D | 9.05        | 3.54        |
| PB164960BL        | PB164960BL       | 11/13/2024       | 17:01            | PL093040.D | 9.05        | 3.54        |
| PB164960BS        | PB164960BS       | 11/13/2024       | 17:15            | PL093041.D | 9.05        | 3.54        |
| PB164880TB        | PB164880TB       | 11/13/2024       | 17:28            | PL093042.D | 9.05        | 3.54        |
| WC-TA2-02-C       | P4799-03         | 11/13/2024       | 17:42            | PL093043.D | 9.05        | 3.54        |
| WC-TA2-02-CMS     | P4799-03MS       | 11/13/2024       | 17:56            | PL093044.D | 9.05        | 3.54        |
| WC-TA2-02-CMSD    | P4799-03MSD      | 11/13/2024       | 18:09            | PL093045.D | 9.05        | 3.54        |
| WC-TA2-03-C       | P4799-07         | 11/13/2024       | 18:23            | PL093046.D | 9.05        | 3.54        |
| WC-TA1-01-C       | P4799-11         | 11/13/2024       | 18:36            | PL093047.D | 9.05        | 3.54        |
| WC-TA1-02-C       | P4799-15         | 11/13/2024       | 18:50            | PL093048.D | 9.05        | 3.54        |
| WC-TA1-03-C       | P4799-19         | 11/13/2024       | 19:03            | PL093049.D | 9.05        | 3.54        |
| IBLK              | IBLK             | 11/13/2024       | 19:17            | PL093050.D | 9.05        | 3.54        |
| PSTDCCC050        | PSTDCCC050       | 11/13/2024       | 19:30            | PL093051.D | 9.05        | 3.54        |

## Analytical Sequence

|                                              |                                                                     |
|----------------------------------------------|---------------------------------------------------------------------|
| Client: ENTACT                               | SDG No.: P4799                                                      |
| Project: 540 Degraw St, Brooklyn, NY - E9309 | Instrument ID: ECD_L                                                |
| GC Column: ZB-MR1                            | ID: 0.32 (mm)      Inst. Calib. Date(s): 10/28/2024      10/28/2024 |

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,  
AND STANDARDS IS GIVEN BELOW:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | DATE<br>ANALYZED | TIME<br>ANALYZED | DATAFILE   | DCB<br>RT # | TCX<br>RT # |
|-------------------|------------------|------------------|------------------|------------|-------------|-------------|
| IBLK              | IBLK             | 10/28/2024       | 13:55            | PL092652.D | 7.92        | 2.78        |
| PEM               | PEM              | 10/28/2024       | 14:16            | PL092653.D | 7.92        | 2.78        |
| RESCHK            | RESCHK           | 10/28/2024       | 14:29            | PL092654.D | 7.92        | 2.78        |
| PSTDICC100        | PSTDICC100       | 10/28/2024       | 14:43            | PL092655.D | 7.92        | 2.78        |
| PSTDICC075        | PSTDICC075       | 10/28/2024       | 14:56            | PL092656.D | 7.92        | 2.78        |
| PSTDICC050        | PSTDICC050       | 10/28/2024       | 15:09            | PL092657.D | 7.92        | 2.78        |
| PSTDICC025        | PSTDICC025       | 10/28/2024       | 15:23            | PL092658.D | 7.92        | 2.78        |
| PSTDICC005        | PSTDICC005       | 10/28/2024       | 15:36            | PL092659.D | 7.92        | 2.78        |
| PCHLORICC500      | PCHLORICC500     | 10/28/2024       | 16:16            | PL092662.D | 7.92        | 2.78        |
| PTOXICC500        | PTOXICC500       | 10/28/2024       | 17:23            | PL092667.D | 7.92        | 2.78        |
| PEM               | PEM              | 11/13/2024       | 08:52            | PL093018.D | 7.92        | 2.78        |
| IBLK              | IBLK             | 11/13/2024       | 15:45            | PL093038.D | 7.91        | 2.78        |
| PSTDCCC050        | PSTDCCC050       | 11/13/2024       | 15:59            | PL093039.D | 7.91        | 2.78        |
| PB164960BL        | PB164960BL       | 11/13/2024       | 17:01            | PL093040.D | 7.91        | 2.78        |
| PB164960BS        | PB164960BS       | 11/13/2024       | 17:15            | PL093041.D | 7.91        | 2.78        |
| PB164880TB        | PB164880TB       | 11/13/2024       | 17:28            | PL093042.D | 7.91        | 2.78        |
| WC-TA2-02-C       | P4799-03         | 11/13/2024       | 17:42            | PL093043.D | 7.91        | 2.78        |
| WC-TA2-02-CMS     | P4799-03MS       | 11/13/2024       | 17:56            | PL093044.D | 7.91        | 2.78        |
| WC-TA2-02-CMSD    | P4799-03MSD      | 11/13/2024       | 18:09            | PL093045.D | 7.91        | 2.78        |
| WC-TA2-03-C       | P4799-07         | 11/13/2024       | 18:23            | PL093046.D | 7.91        | 2.78        |
| WC-TA1-01-C       | P4799-11         | 11/13/2024       | 18:36            | PL093047.D | 7.91        | 2.78        |
| WC-TA1-02-C       | P4799-15         | 11/13/2024       | 18:50            | PL093048.D | 7.91        | 2.78        |
| WC-TA1-03-C       | P4799-19         | 11/13/2024       | 19:03            | PL093049.D | 7.91        | 2.78        |
| IBLK              | IBLK             | 11/13/2024       | 19:17            | PL093050.D | 7.91        | 2.78        |
| PSTDCCC050        | PSTDCCC050       | 11/13/2024       | 19:30            | PL093051.D | 7.91        | 2.78        |

**COMPOUND DETECTION SUMMARY**

**CLIENT SAMPLE NO.**

**PB164960BS**

**Contract:** ENTA05

**Lab Code:** CHEM

**Case No.:** P4799

**SAS No.:** P4799

**SDG NO.:** P4799

**Lab Sample ID:** PB164960BS

**Date(s) Analyzed:** 11/13/2024

11/13/2024

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

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

**GC Column: (1):** ZB-MR2

**ID:** 0.32 (mm)

**GC Column:(2):** ZB-MR1

**ID:** 0.32 (mm)

| ANALYTE             | COL | RT   | RT WINDOW |      | CONCENTRATION | %RPD |
|---------------------|-----|------|-----------|------|---------------|------|
|                     |     |      | FROM      | TO   |               |      |
| Methoxychlor        | 1   | 7.50 | 7.45      | 7.55 | 0.51          | 11.1 |
|                     | 2   | 6.61 | 6.56      | 6.66 | 0.57          |      |
| gamma-BHC (Lindane) | 1   | 4.33 | 4.28      | 4.38 | 0.51          | 8    |
|                     | 2   | 3.61 | 3.56      | 3.66 | 0.55          |      |
| Heptachlor          | 1   | 4.92 | 4.87      | 4.97 | 0.52          | 11.5 |
|                     | 2   | 3.95 | 3.90      | 4.00 | 0.58          |      |
| Heptachlor epoxide  | 1   | 5.68 | 5.63      | 5.73 | 0.50          | 14.3 |
|                     | 2   | 4.73 | 4.68      | 4.78 | 0.58          |      |
| Endrin              | 1   | 6.57 | 6.52      | 6.62 | 0.50          | 18.2 |
|                     | 2   | 5.64 | 5.59      | 5.69 | 0.61          |      |

### COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

WC-TA2-02-CMS

Contract: ENTA05

Lab Code: CHEM

Case No.: P4799

SAS No.: P4799

SDG NO.: P4799

Lab Sample ID: P4799-03MS

Date(s) Analyzed: 11/13/2024

11/13/2024

Instrument ID (1): ECD\_L

Instrument ID (2): ECD\_L

GC Column: (1): ZB-MR2

ID: 0.32 (mm)

GC Column: (2): ZB-MR1

ID: 0.32 (mm)

| ANALYTE             | COL | RT   | RT WINDOW |      | CONCENTRATION | %RPD |
|---------------------|-----|------|-----------|------|---------------|------|
|                     |     |      | FROM      | TO   |               |      |
| Methoxychlor        | 1   | 7.50 | 7.45      | 7.55 | 5.40          | 13.8 |
|                     | 2   | 6.61 | 6.56      | 6.66 | 6.20          |      |
| gamma-BHC (Lindane) | 1   | 4.33 | 4.28      | 4.38 | 5.40          | 7.1  |
|                     | 2   | 3.61 | 3.56      | 3.66 | 5.80          |      |
| Heptachlor          | 1   | 4.92 | 4.87      | 4.97 | 5.60          | 48.6 |
|                     | 2   | 3.95 | 3.90      | 4.00 | 9.20          |      |
| Heptachlor epoxide  | 1   | 5.68 | 5.63      | 5.73 | 5.40          | 13.8 |
|                     | 2   | 4.73 | 4.68      | 4.78 | 6.20          |      |
| Endrin              | 1   | 6.57 | 6.52      | 6.62 | 5.40          | 18.5 |
|                     | 2   | 5.64 | 5.59      | 5.69 | 6.50          |      |

### COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

WC-TA2-02-CMSD

Contract: ENTA05

Lab Code: CHEM

Case No.: P4799

SAS No.: P4799

SDG NO.: P4799

Lab Sample ID: P4799-03MSD

Date(s) Analyzed: 11/13/2024

11/13/2024

Instrument ID (1): ECD\_L

Instrument ID (2): ECD\_L

GC Column: (1): ZB-MR2

ID: 0.32 (mm)

GC Column: (2): ZB-MR1

ID: 0.32 (mm)

| ANALYTE             | COL | RT   | RT WINDOW |      | CONCENTRATION | %RPD |
|---------------------|-----|------|-----------|------|---------------|------|
|                     |     |      | FROM      | TO   |               |      |
| Methoxychlor        | 1   | 7.50 | 7.45      | 7.55 | 5.40          | 12.2 |
|                     | 2   | 6.61 | 6.56      | 6.66 | 6.10          |      |
| gamma-BHC (Lindane) | 1   | 4.33 | 4.28      | 4.38 | 5.40          | 7.1  |
|                     | 2   | 3.61 | 3.56      | 3.66 | 5.80          |      |
| Heptachlor          | 1   | 4.92 | 4.87      | 4.97 | 5.60          | 48.6 |
|                     | 2   | 3.95 | 3.90      | 4.00 | 9.20          |      |
| Heptachlor epoxide  | 1   | 5.68 | 5.63      | 5.73 | 5.50          | 12   |
|                     | 2   | 4.73 | 4.68      | 4.78 | 6.20          |      |
| Endrin              | 1   | 6.57 | 6.52      | 6.62 | 5.40          | 18.5 |
|                     | 2   | 5.64 | 5.59      | 5.69 | 6.50          |      |



# QC SAMPLE DATA

## Report of Analysis

|                    |                                     |                    |                  |
|--------------------|-------------------------------------|--------------------|------------------|
| Client:            | ENTACT                              | Date Collected:    |                  |
| Project:           | 540 Degraw St, Brooklyn, NY - E9309 | Date Received:     |                  |
| Client Sample ID:  | PB164960BL                          | SDG No.:           | P4799            |
| Lab Sample ID:     | PB164960BL                          | Matrix:            | TCLP             |
| Analytical Method: | SW8081                              | % Solid:           | 0      Decanted: |
| Sample Wt/Vol:     | 1000      Units:    mL              | Final Vol:         | 10000      uL    |
| Soil Aliquot Vol:  | uL                                  | Test:              | TCLP Pesticide   |
| Extraction Type:   |                                     | Injection Volume : |                  |
| GPC Factor :       | 1.0      PH :                       |                    |                  |
| Prep Method :      | 3510C                               |                    |                  |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PL093040.D        | 1         | 11/12/24 12:20 | 11/13/24 17:01 | PB164960      |

| CAS Number        | Parameter            | Conc.  | Qualifier | MDL                 | LOQ / CRQL | Units   |
|-------------------|----------------------|--------|-----------|---------------------|------------|---------|
| <b>TARGETS</b>    |                      |        |           |                     |            |         |
| 58-89-9           | gamma-BHC (Lindane)  | 0.0049 | U         | 0.0049              | 0.050      | ug/L    |
| 76-44-8           | Heptachlor           | 0.0054 | U         | 0.0054              | 0.050      | ug/L    |
| 1024-57-3         | Heptachlor epoxide   | 0.0090 | U         | 0.0090              | 0.050      | ug/L    |
| 72-20-8           | Endrin               | 0.0043 | U         | 0.0043              | 0.050      | ug/L    |
| 72-43-5           | Methoxychlor         | 0.011  | U         | 0.011               | 0.050      | ug/L    |
| 8001-35-2         | Toxaphene            | 0.15   | U         | 0.15                | 1.00       | ug/L    |
| 57-74-9           | Chlordane            | 0.082  | U         | 0.082               | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |        |           |                     |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 22.8   |           | 30 (43) - 150 (140) | 114%       | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 22.4   |           | 30 (77) - 150 (126) | 112%       | SPK: 20 |

**Comments:**

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111324\  
 Data File : PL093040.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Nov 2024 17:01  
 Operator : AR\AJ  
 Sample : PB164960BL  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB164960BL

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 14 00:35:29 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 28 18:58:23 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-------|-------|----------|----------|--------|--------|
| -----                       |       |       |          |          |        |        |
| System Monitoring Compounds |       |       |          |          |        |        |
| 1) SA Tetrachlo...          | 3.540 | 2.777 | 55014654 | 59037558 | 22.453 | 21.696 |
| 28) SA Decachlor...         | 9.054 | 7.914 | 42687629 | 62127447 | 22.181 | 22.764 |

Target Compounds

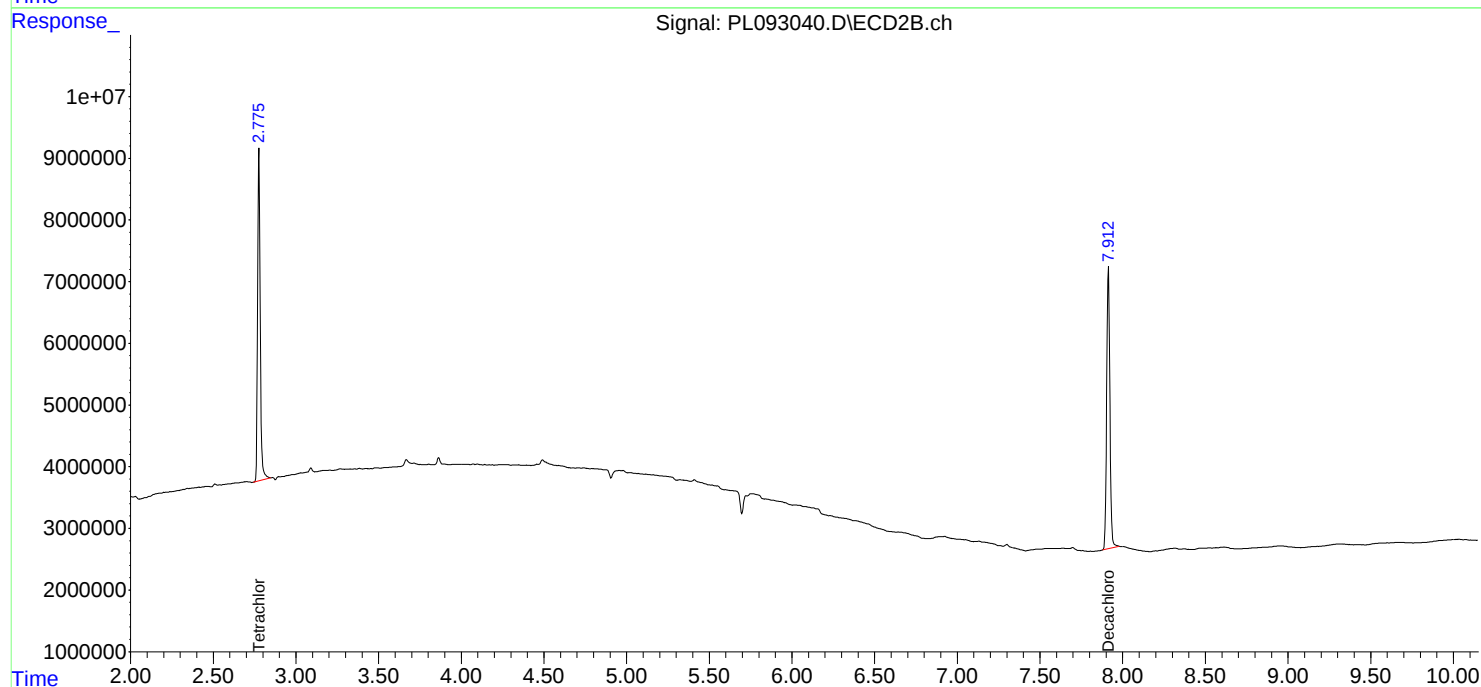
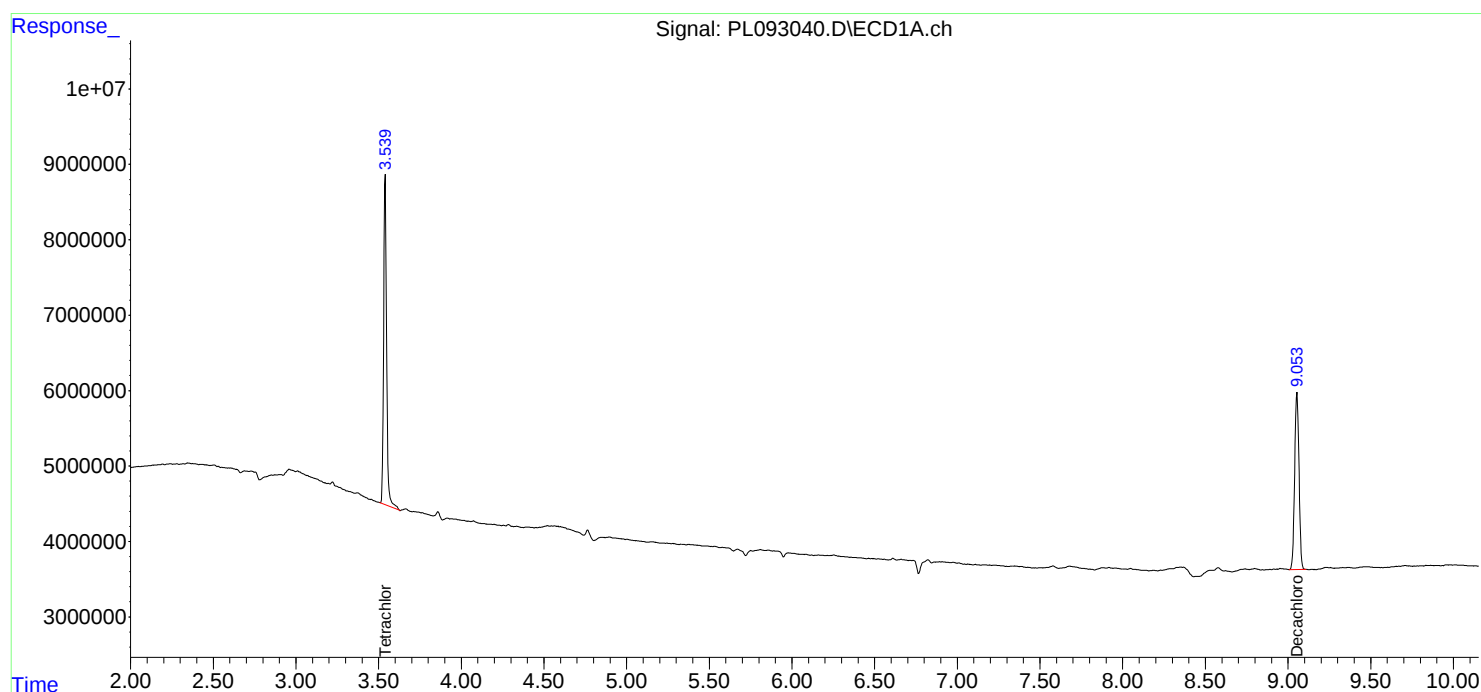
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

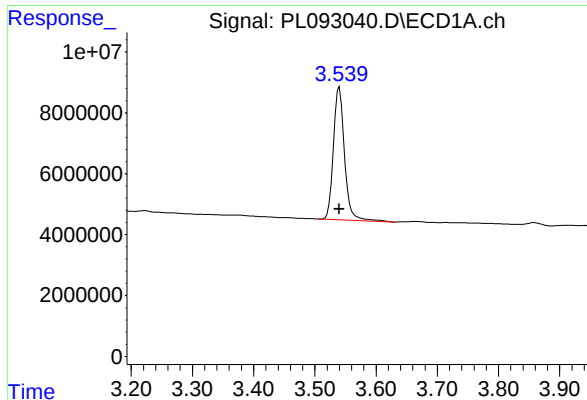
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111324\  
Data File : PL093040.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Nov 2024 17:01  
Operator : AR\AJ  
Sample : PB164960BL  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB164960BL

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 14 00:35:29 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 28 18:58:23 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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

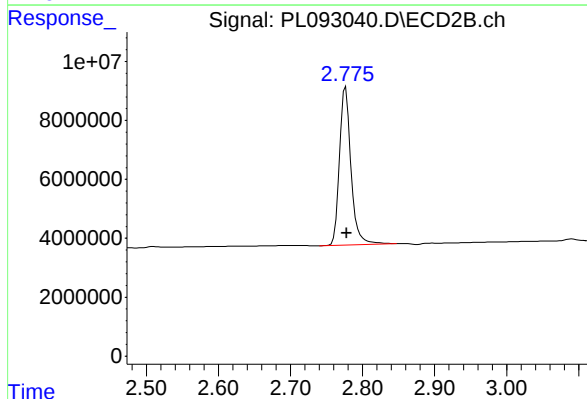




## #1 Tetrachloro-m-xylene

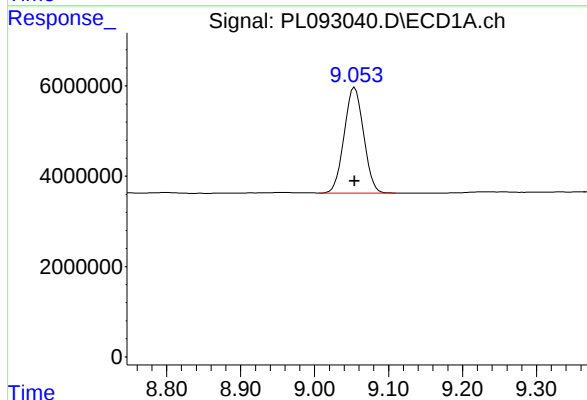
R.T.: 3.540 min  
Delta R.T.: 0.000 min  
Response: 55014654  
Conc: 22.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB164960BL



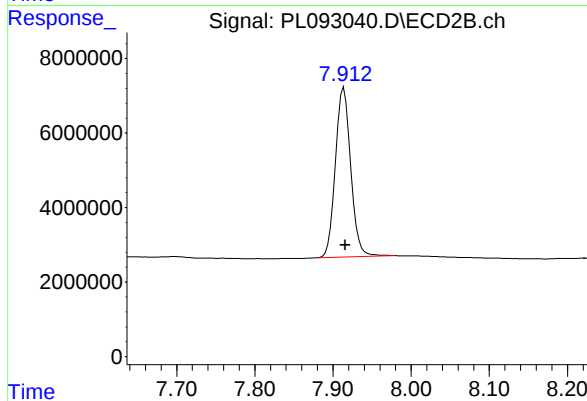
## #1 Tetrachloro-m-xylene

R.T.: 2.777 min  
Delta R.T.: -0.001 min  
Response: 59037558  
Conc: 21.70 ng/ml



## #28 Decachlorobiphenyl

R.T.: 9.054 min  
Delta R.T.: 0.000 min  
Response: 42687629  
Conc: 22.18 ng/ml



## #28 Decachlorobiphenyl

R.T.: 7.914 min  
Delta R.T.: -0.002 min  
Response: 62127447  
Conc: 22.76 ng/ml

## Report of Analysis

|                    |                                     |                    |                  |
|--------------------|-------------------------------------|--------------------|------------------|
| Client:            | ENTACT                              | Date Collected:    | 10/28/24         |
| Project:           | 540 Degraw St, Brooklyn, NY - E9309 | Date Received:     | 10/28/24         |
| Client Sample ID:  | PIBLK-PL092652.D                    | SDG No.:           | P4799            |
| Lab Sample ID:     | I.BLK-PL092652.D                    | Matrix:            | TCLP             |
| Analytical Method: | SW8081                              | % Solid:           | 0      Decanted: |
| Sample Wt/Vol:     | 1000      Units:    mL              | Final Vol:         | 10000      uL    |
| Soil Aliquot Vol:  | uL                                  | Test:              | TCLP Pesticide   |
| Extraction Type:   |                                     | Injection Volume : |                  |
| GPC Factor :       | 1.0      PH :                       |                    |                  |
| Prep Method :      | 3510C                               |                    |                  |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PL092652.D        | 1         |           | 10/28/24      | PL102824      |

| CAS Number        | Parameter            | Conc.  | Qualifier | MDL                 | LOQ / CRQL | Units   |
|-------------------|----------------------|--------|-----------|---------------------|------------|---------|
| <b>TARGETS</b>    |                      |        |           |                     |            |         |
| 58-89-9           | gamma-BHC (Lindane)  | 0.0049 | U         | 0.0049              | 0.050      | ug/L    |
| 76-44-8           | Heptachlor           | 0.0054 | U         | 0.0054              | 0.050      | ug/L    |
| 1024-57-3         | Heptachlor epoxide   | 0.0090 | U         | 0.0090              | 0.050      | ug/L    |
| 72-20-8           | Endrin               | 0.0043 | U         | 0.0043              | 0.050      | ug/L    |
| 72-43-5           | Methoxychlor         | 0.011  | U         | 0.011               | 0.050      | ug/L    |
| 8001-35-2         | Toxaphene            | 0.15   | U         | 0.15                | 1.00       | ug/L    |
| 57-74-9           | Chlordane            | 0.082  | U         | 0.082               | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |        |           |                     |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 22.7   |           | 30 (43) - 150 (140) | 114%       | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 21.6   |           | 30 (77) - 150 (126) | 108%       | SPK: 20 |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102824\  
 Data File : PL092652.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Oct 2024 13:55  
 Operator : AR\AJ  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 I.BLK

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 28 17:20:49 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 28 17:19:58 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-------|-------|----------|----------|--------|--------|
| -----                       |       |       |          |          |        |        |
| System Monitoring Compounds |       |       |          |          |        |        |
| 1) SA Tetrachlo...          | 3.539 | 2.777 | 52846066 | 55504223 | 21.568 | 20.397 |
| 28) SA Decachlor...         | 9.052 | 7.915 | 43705517 | 59287776 | 22.709 | 21.723 |

Target Compounds

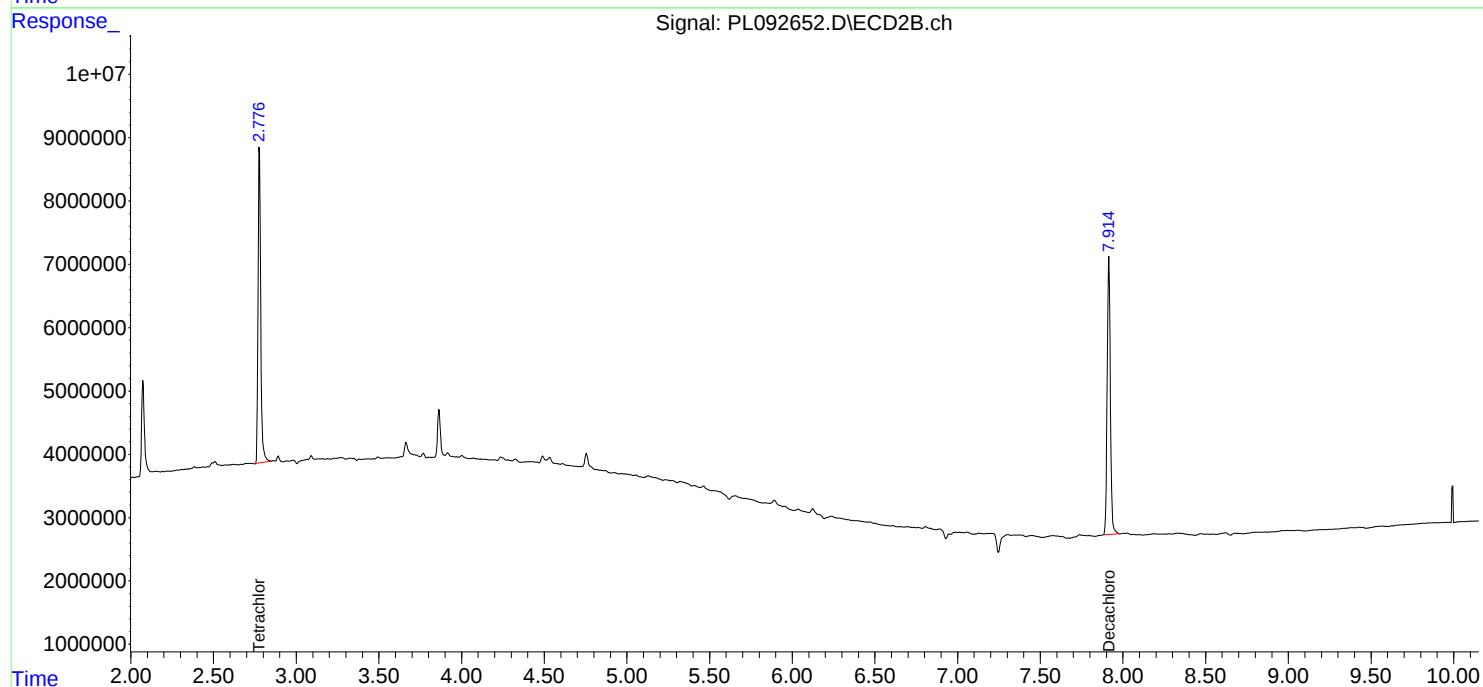
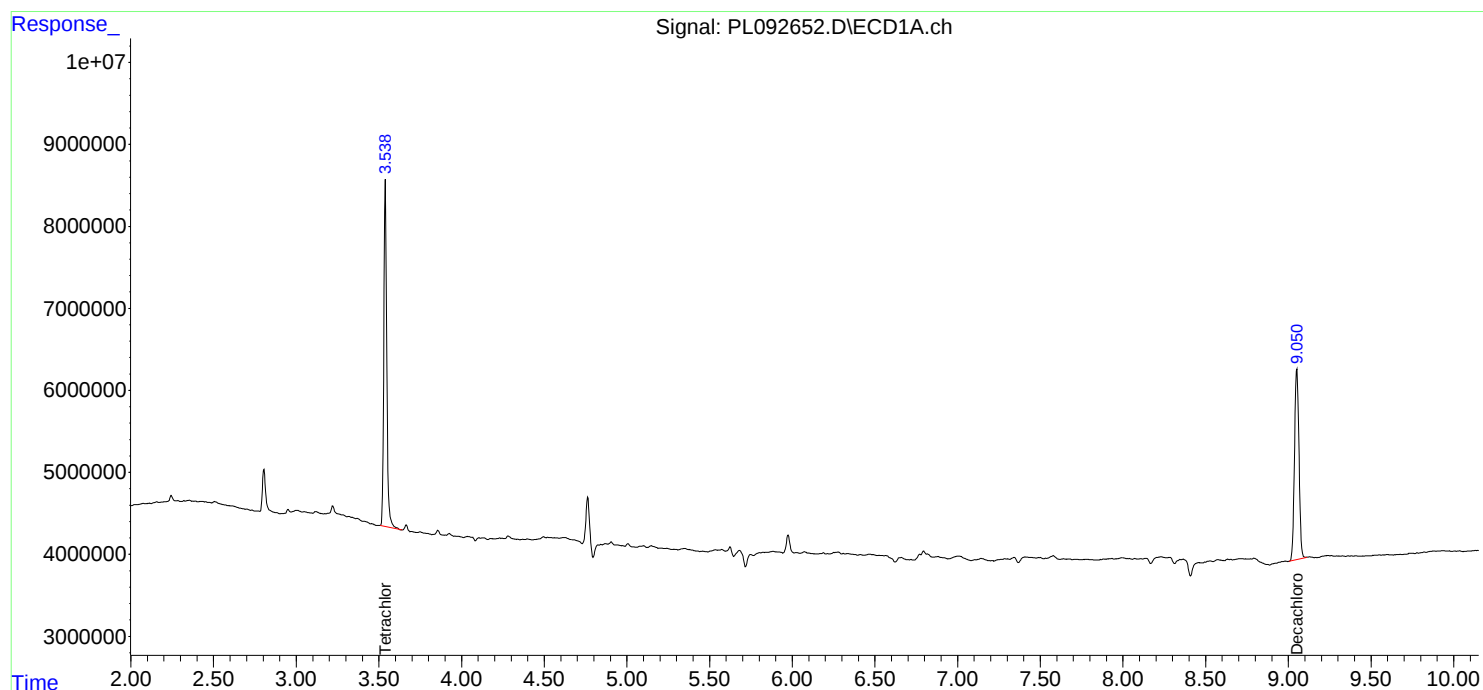
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

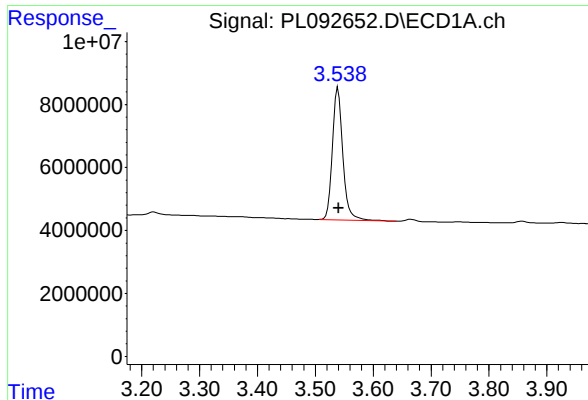
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102824\  
Data File : PL092652.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Oct 2024 13:55  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 28 17:20:49 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 28 17:19:58 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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

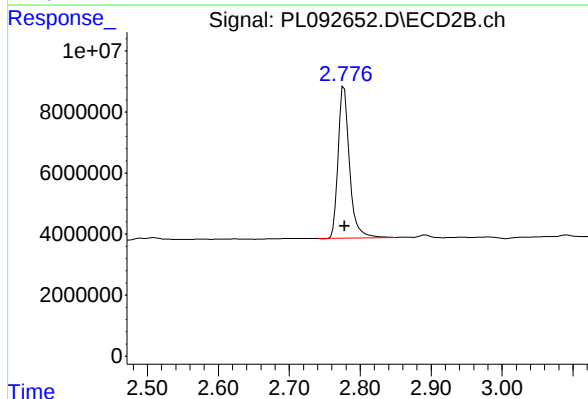




## #1 Tetrachloro-m-xylene

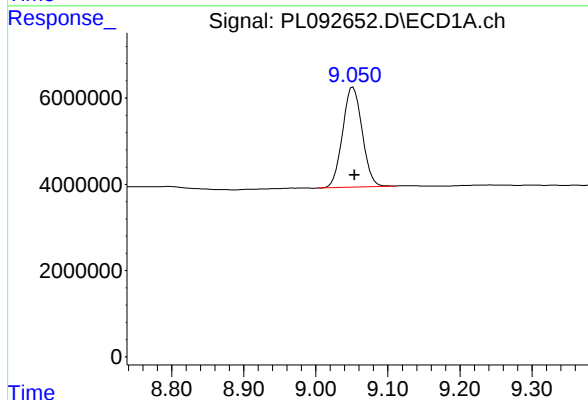
R.T.: 3.539 min  
Delta R.T.: 0.000 min  
Response: 52846066  
Conc: 21.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



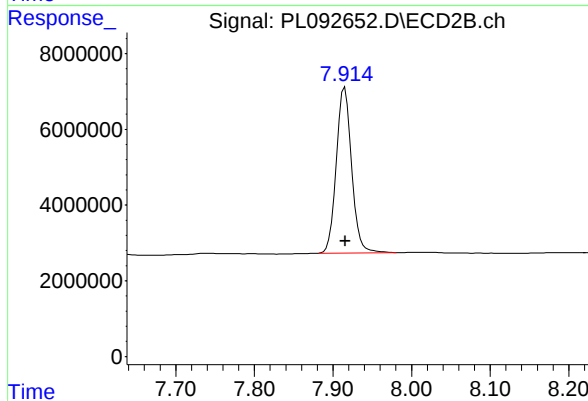
## #1 Tetrachloro-m-xylene

R.T.: 2.777 min  
Delta R.T.: 0.000 min  
Response: 55504223  
Conc: 20.40 ng/ml



## #28 Decachlorobiphenyl

R.T.: 9.052 min  
Delta R.T.: -0.002 min  
Response: 43705517  
Conc: 22.71 ng/ml



## #28 Decachlorobiphenyl

R.T.: 7.915 min  
Delta R.T.: 0.000 min  
Response: 59287776  
Conc: 21.72 ng/ml

## Report of Analysis

|                    |                                     |                    |                  |
|--------------------|-------------------------------------|--------------------|------------------|
| Client:            | ENTACT                              | Date Collected:    | 11/13/24         |
| Project:           | 540 Degraw St, Brooklyn, NY - E9309 | Date Received:     | 11/13/24         |
| Client Sample ID:  | PIBLK-PL093038.D                    | SDG No.:           | P4799            |
| Lab Sample ID:     | I.BLK-PL093038.D                    | Matrix:            | TCLP             |
| Analytical Method: | SW8081                              | % Solid:           | 0      Decanted: |
| Sample Wt/Vol:     | 1000      Units:    mL              | Final Vol:         | 10000      uL    |
| Soil Aliquot Vol:  | uL                                  | Test:              | TCLP Pesticide   |
| Extraction Type:   |                                     | Injection Volume : |                  |
| GPC Factor :       | 1.0      PH :                       |                    |                  |
| Prep Method :      | 3510C                               |                    |                  |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PL093038.D        | 1         |           | 11/13/24      | PL111324      |

| CAS Number        | Parameter            | Conc.  | Qualifier | MDL                 | LOQ / CRQL | Units   |
|-------------------|----------------------|--------|-----------|---------------------|------------|---------|
| <b>TARGETS</b>    |                      |        |           |                     |            |         |
| 58-89-9           | gamma-BHC (Lindane)  | 0.0049 | U         | 0.0049              | 0.050      | ug/L    |
| 76-44-8           | Heptachlor           | 0.0054 | U         | 0.0054              | 0.050      | ug/L    |
| 1024-57-3         | Heptachlor epoxide   | 0.0090 | U         | 0.0090              | 0.050      | ug/L    |
| 72-20-8           | Endrin               | 0.0043 | U         | 0.0043              | 0.050      | ug/L    |
| 72-43-5           | Methoxychlor         | 0.011  | U         | 0.011               | 0.050      | ug/L    |
| 8001-35-2         | Toxaphene            | 0.15   | U         | 0.15                | 1.00       | ug/L    |
| 57-74-9           | Chlordane            | 0.082  | U         | 0.082               | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |        |           |                     |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 22.6   |           | 30 (43) - 150 (140) | 113%       | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 23.5   |           | 30 (77) - 150 (126) | 118%       | SPK: 20 |

**Comments:**

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111324\  
 Data File : PL093038.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Nov 2024 15:45  
 Operator : AR\AJ  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 I.BLK

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 14 00:34:42 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 28 18:58:23 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-------|-------|----------|----------|--------|--------|
| -----                       |       |       |          |          |        |        |
| System Monitoring Compounds |       |       |          |          |        |        |
| 1) SA Tetrachlo...          | 3.538 | 2.775 | 57250423 | 63975477 | 23.365 | 23.510 |
| 28) SA Decachlor...         | 9.052 | 7.913 | 43191503 | 61581456 | 22.442 | 22.564 |

Target Compounds

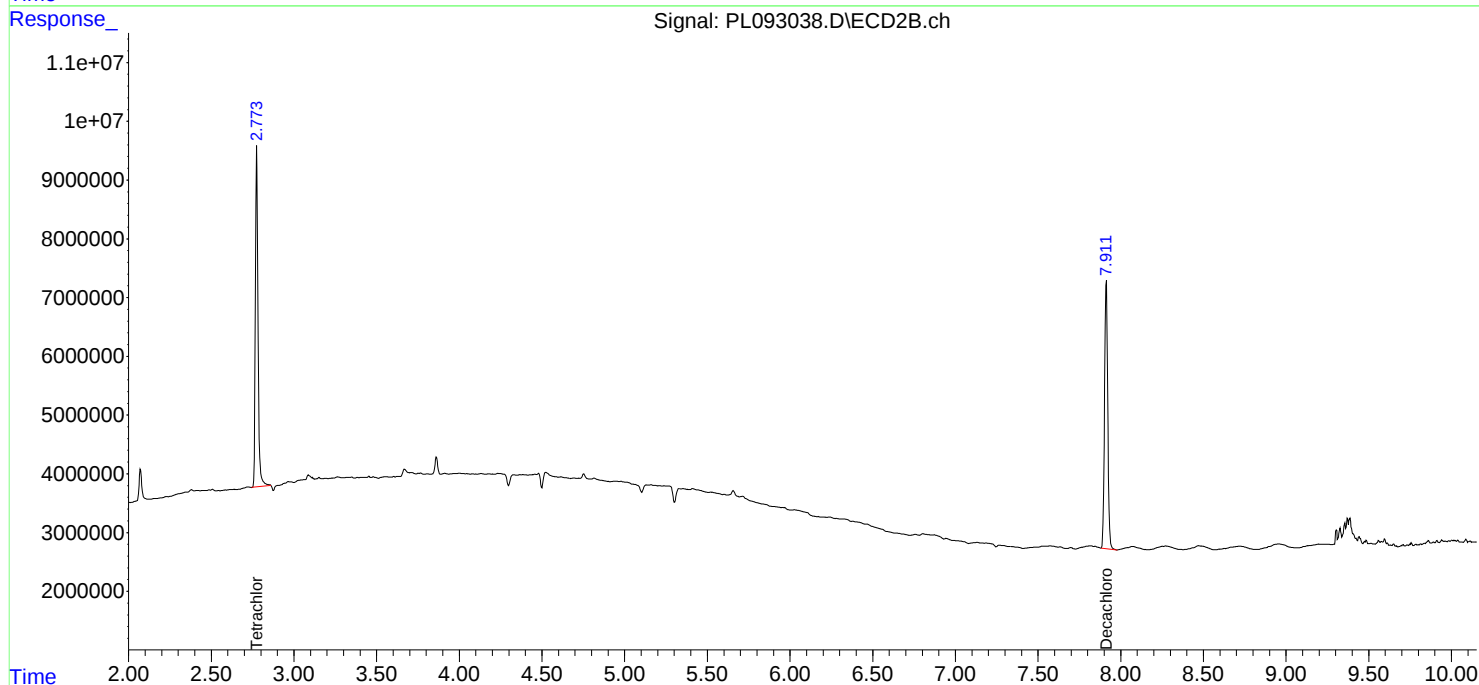
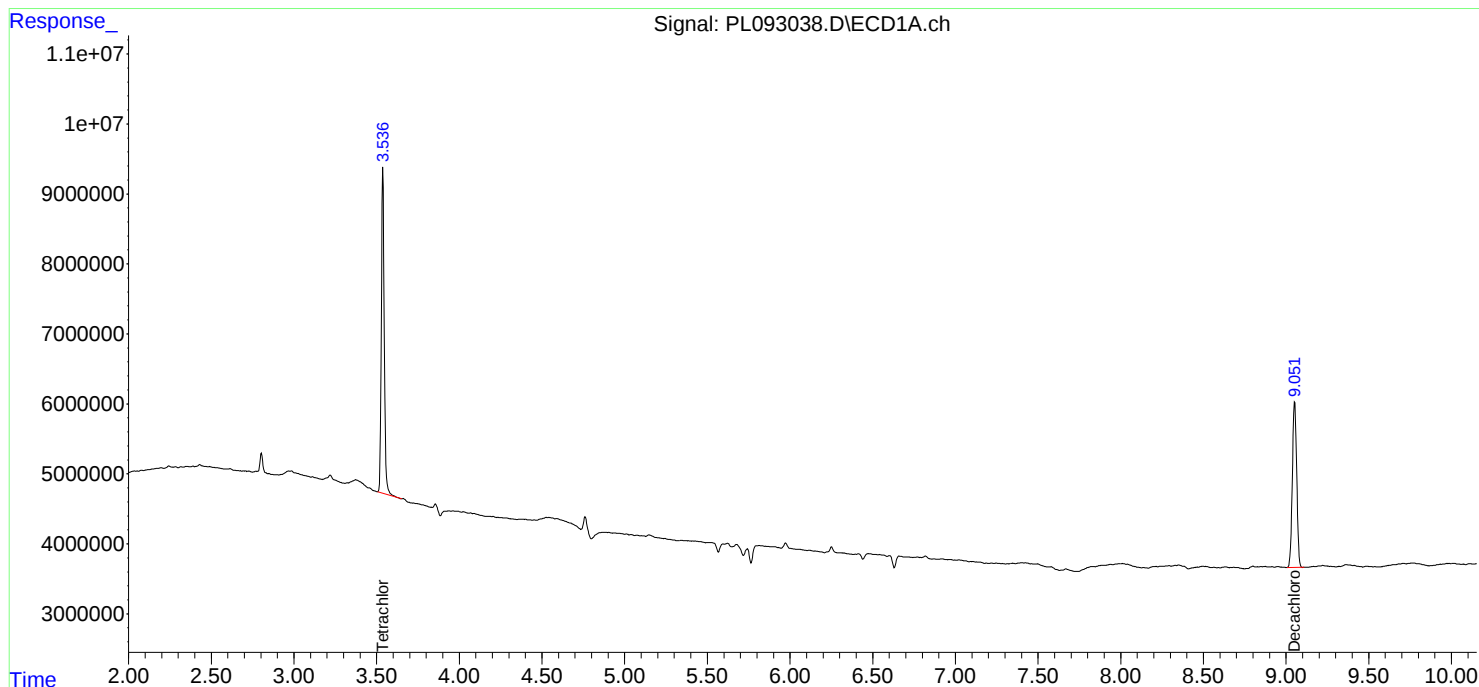
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

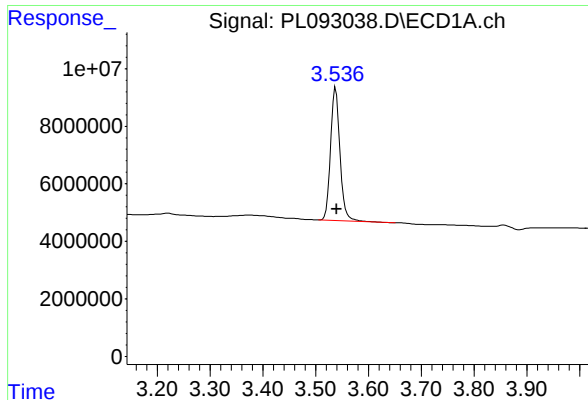
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111324\  
Data File : PL093038.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Nov 2024 15:45  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 14 00:34:42 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 28 18:58:23 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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

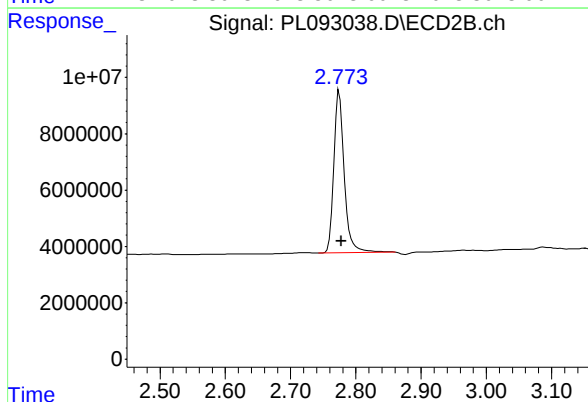




## #1 Tetrachloro-m-xylene

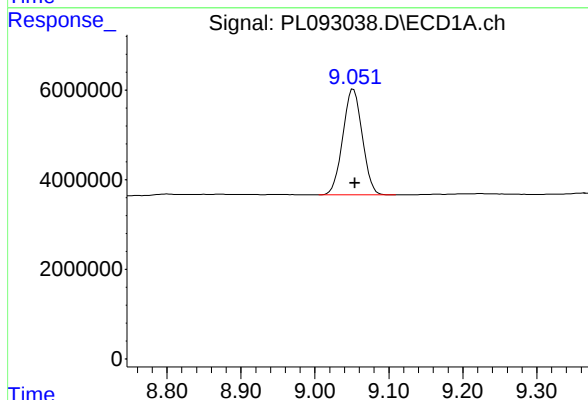
R.T.: 3.538 min  
Delta R.T.: -0.002 min  
Response: 57250423  
Conc: 23.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



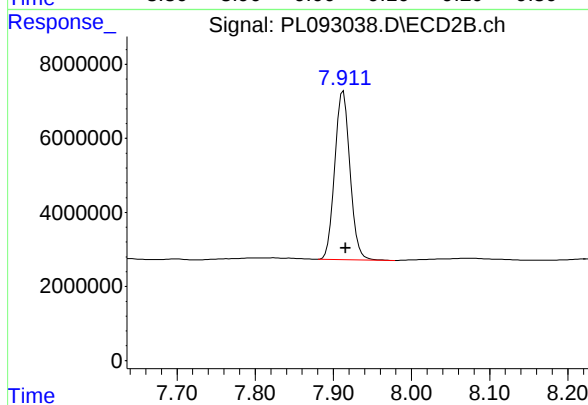
## #1 Tetrachloro-m-xylene

R.T.: 2.775 min  
Delta R.T.: -0.003 min  
Response: 63975477  
Conc: 23.51 ng/ml



## #28 Decachlorobiphenyl

R.T.: 9.052 min  
Delta R.T.: -0.002 min  
Response: 43191503  
Conc: 22.44 ng/ml



## #28 Decachlorobiphenyl

R.T.: 7.913 min  
Delta R.T.: -0.003 min  
Response: 61581456  
Conc: 22.56 ng/ml

## Report of Analysis

|                    |                                     |                    |                  |
|--------------------|-------------------------------------|--------------------|------------------|
| Client:            | ENTACT                              | Date Collected:    | 11/13/24         |
| Project:           | 540 Degraw St, Brooklyn, NY - E9309 | Date Received:     | 11/13/24         |
| Client Sample ID:  | PIBLK-PL093050.D                    | SDG No.:           | P4799            |
| Lab Sample ID:     | I.BLK-PL093050.D                    | Matrix:            | TCLP             |
| Analytical Method: | SW8081                              | % Solid:           | 0      Decanted: |
| Sample Wt/Vol:     | 1000      Units:    mL              | Final Vol:         | 10000      uL    |
| Soil Aliquot Vol:  | uL                                  | Test:              | TCLP Pesticide   |
| Extraction Type:   |                                     | Injection Volume : |                  |
| GPC Factor :       | 1.0      PH :                       |                    |                  |
| Prep Method :      | 3510C                               |                    |                  |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PL093050.D        | 1         |           | 11/13/24      | PL111324      |

| CAS Number        | Parameter            | Conc.  | Qualifier | MDL                 | LOQ / CRQL | Units   |
|-------------------|----------------------|--------|-----------|---------------------|------------|---------|
| <b>TARGETS</b>    |                      |        |           |                     |            |         |
| 58-89-9           | gamma-BHC (Lindane)  | 0.0049 | U         | 0.0049              | 0.050      | ug/L    |
| 76-44-8           | Heptachlor           | 0.0054 | U         | 0.0054              | 0.050      | ug/L    |
| 1024-57-3         | Heptachlor epoxide   | 0.0090 | U         | 0.0090              | 0.050      | ug/L    |
| 72-20-8           | Endrin               | 0.0043 | U         | 0.0043              | 0.050      | ug/L    |
| 72-43-5           | Methoxychlor         | 0.011  | U         | 0.011               | 0.050      | ug/L    |
| 8001-35-2         | Toxaphene            | 0.15   | U         | 0.15                | 1.00       | ug/L    |
| 57-74-9           | Chlordane            | 0.082  | U         | 0.082               | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |        |           |                     |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 24.7   |           | 30 (43) - 150 (140) | 124%       | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 23.7   |           | 30 (77) - 150 (126) | 118%       | SPK: 20 |

**Comments:**

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111324\  
 Data File : PL093050.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Nov 2024 19:17  
 Operator : AR\AJ  
 Sample : I.BLK  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 I.BLK

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 14 00:39:35 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 28 18:58:23 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml  |
|-----------------------------|-------|-------|----------|----------|--------|--------|
| -----                       |       |       |          |          |        |        |
| System Monitoring Compounds |       |       |          |          |        |        |
| 1) SA Tetrachlo...          | 3.538 | 2.775 | 57425426 | 64369661 | 23.437 | 23.655 |
| 28) SA Decachlor...         | 9.052 | 7.913 | 44893242 | 67533580 | 23.327 | 24.744 |

Target Compounds

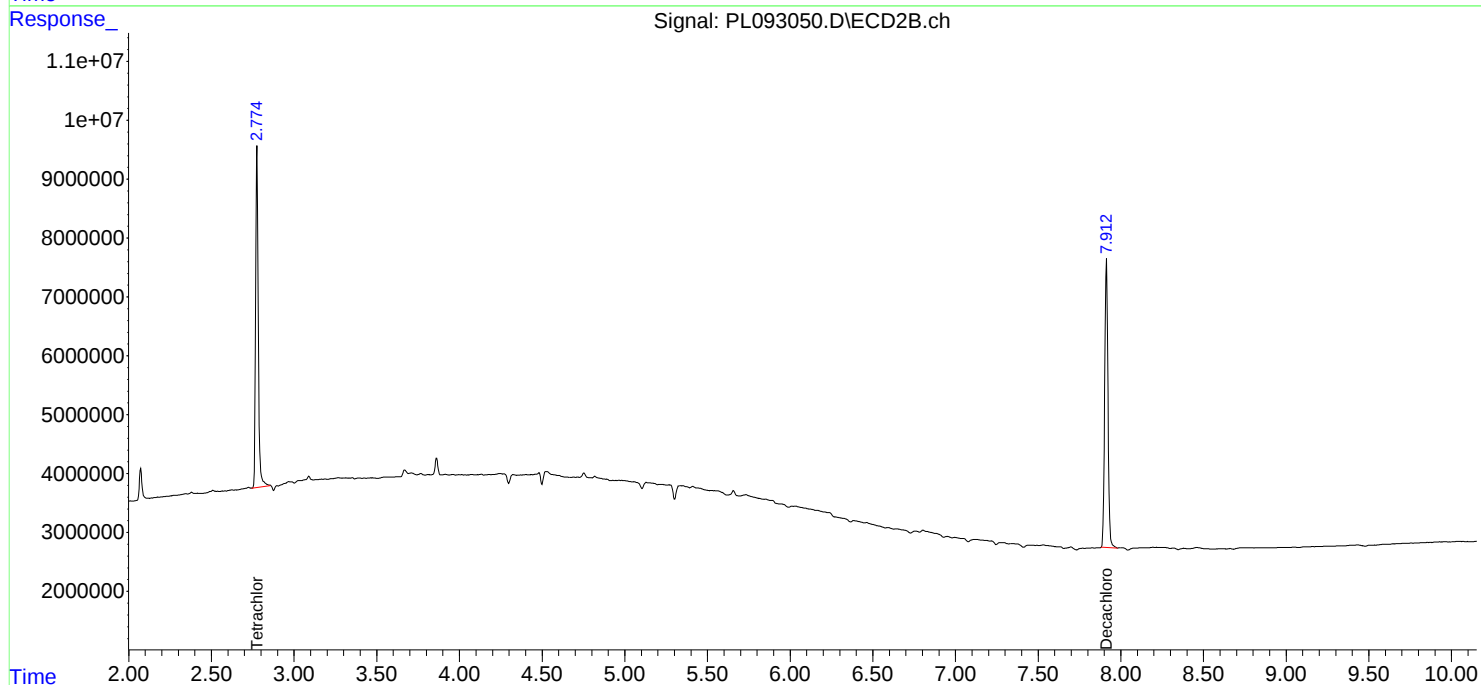
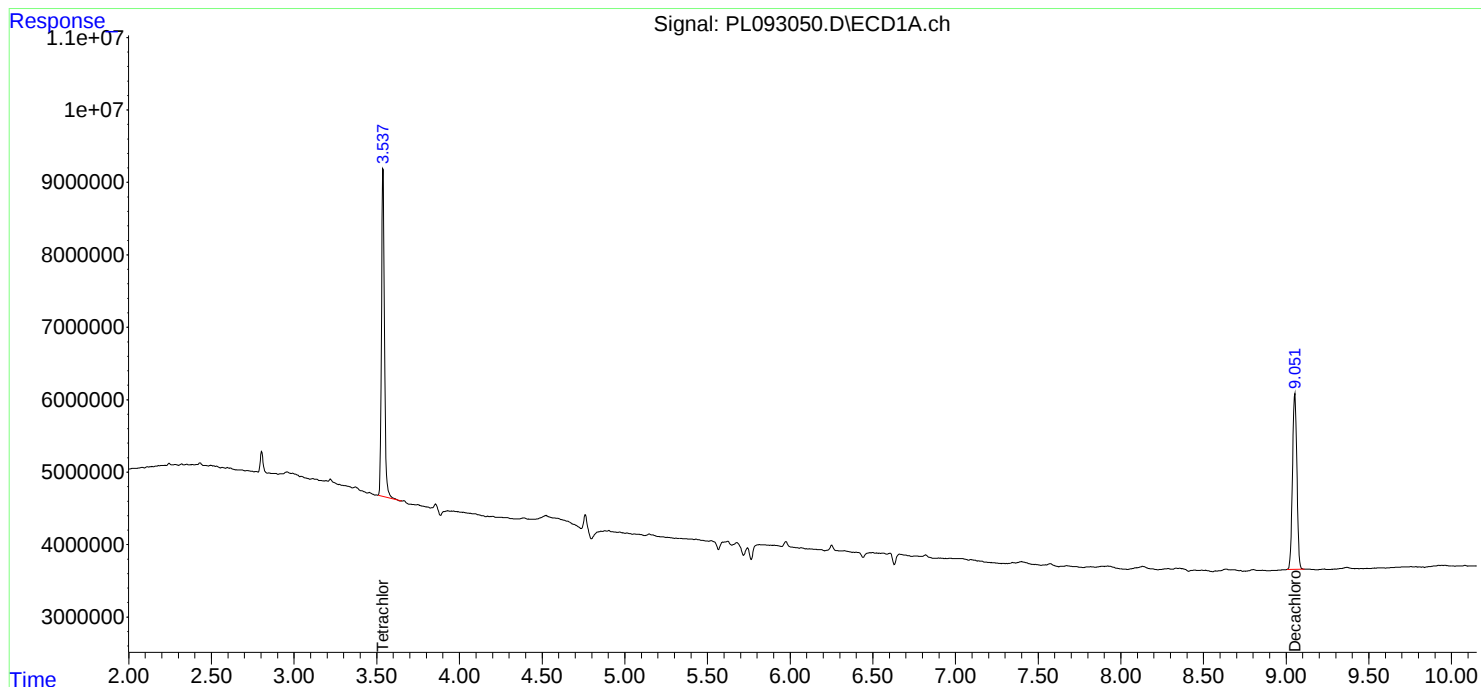
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

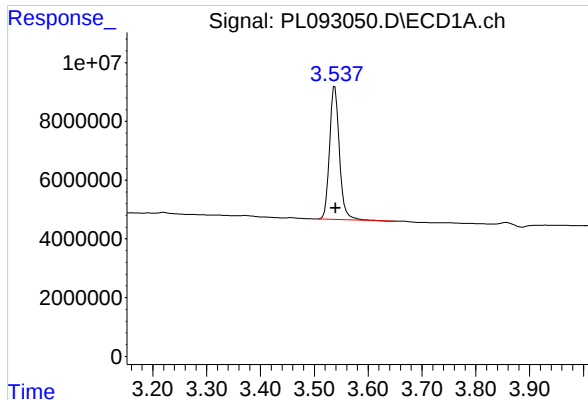
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111324\  
Data File : PL093050.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Nov 2024 19:17  
Operator : AR\AJ  
Sample : I.BLK  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 14 00:39:35 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 28 18:58:23 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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

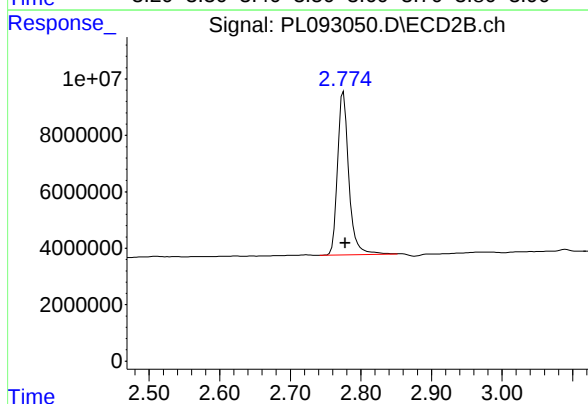




#1 Tetrachloro-m-xylene

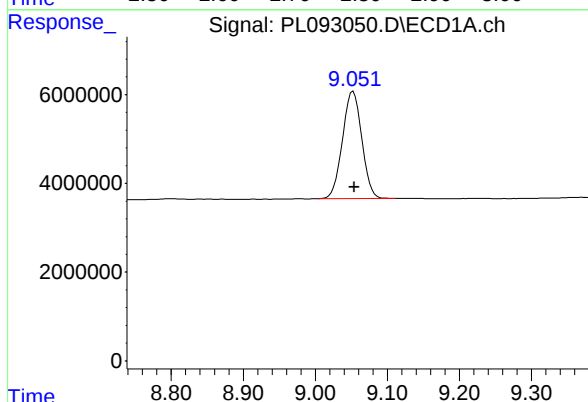
R.T.: 3.538 min  
Delta R.T.: -0.002 min  
Response: 57425426  
Conc: 23.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
I.BLK



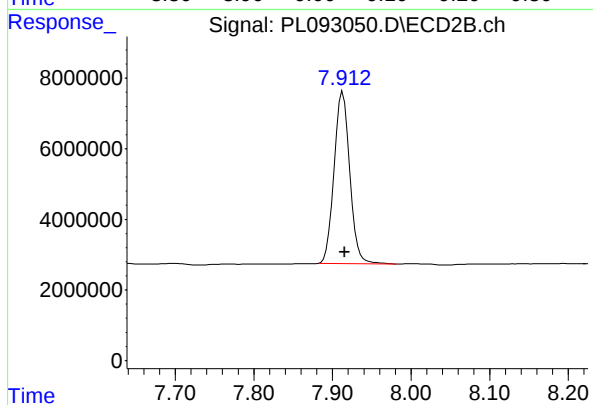
#1 Tetrachloro-m-xylene

R.T.: 2.775 min  
Delta R.T.: -0.002 min  
Response: 64369661  
Conc: 23.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.052 min  
Delta R.T.: -0.002 min  
Response: 44893242  
Conc: 23.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.913 min  
Delta R.T.: -0.003 min  
Response: 67533580  
Conc: 24.74 ng/ml

## Report of Analysis

|                    |                                     |                    |                  |
|--------------------|-------------------------------------|--------------------|------------------|
| Client:            | ENTACT                              | Date Collected:    |                  |
| Project:           | 540 Degraw St, Brooklyn, NY - E9309 | Date Received:     |                  |
| Client Sample ID:  | PB164960BS                          | SDG No.:           | P4799            |
| Lab Sample ID:     | PB164960BS                          | Matrix:            | TCLP             |
| Analytical Method: | SW8081                              | % Solid:           | 0      Decanted: |
| Sample Wt/Vol:     | 1000      Units:    mL              | Final Vol:         | 10000      uL    |
| Soil Aliquot Vol:  | uL                                  | Test:              | TCLP Pesticide   |
| Extraction Type:   |                                     | Injection Volume : |                  |
| GPC Factor :       | 1.0      PH :                       |                    |                  |
| Prep Method :      | 3510C                               |                    |                  |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PL093041.D        | 1         | 11/12/24 12:20 | 11/13/24 17:15 | PB164960      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|---------------------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |                     |            |         |
| 58-89-9           | gamma-BHC (Lindane)  | 0.55  |           | 0.0049              | 0.050      | ug/L    |
| 76-44-8           | Heptachlor           | 0.58  |           | 0.0054              | 0.050      | ug/L    |
| 1024-57-3         | Heptachlor epoxide   | 0.58  |           | 0.0090              | 0.050      | ug/L    |
| 72-20-8           | Endrin               | 0.61  |           | 0.0043              | 0.050      | ug/L    |
| 72-43-5           | Methoxychlor         | 0.57  |           | 0.011               | 0.050      | ug/L    |
| 8001-35-2         | Toxaphene            | 0.15  | U         | 0.15                | 1.00       | ug/L    |
| 57-74-9           | Chlordane            | 0.082 | U         | 0.082               | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |                     |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 17.0  |           | 30 (43) - 150 (140) | 85%        | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 18.5  |           | 30 (77) - 150 (126) | 93%        | SPK: 20 |

**Comments:**

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111324\  
 Data File : PL093041.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Nov 2024 17:15  
 Operator : AR\AJ  
 Sample : PB164960BS  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 1

**Instrument :**

ECD\_L

**ClientSampleId :**

PB164960BS

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :Ankita Jodhani 11/14/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 14 00:35:56 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 28 18:58:23 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|----------|---------|---------|
| -----                       |       |       |          |          |         |         |
| System Monitoring Compounds |       |       |          |          |         |         |
| 1) SA Tetrachlo...          | 3.537 | 2.776 | 45427192 | 46543539 | 18.540m | 17.104  |
| 2) SA Decachlor...          | 9.054 | 7.913 | 31859136 | 46485105 | 16.554  | 17.032  |
| Target Compounds            |       |       |          |          |         |         |
| 2) A alpha-BHC              | 3.995 | 3.279 | 175.5E6  | 223.8E6  | 51.753  | 56.081  |
| 3) MA gamma-BHC...          | 4.328 | 3.609 | 166.3E6  | 213.3E6  | 51.021  | 55.260  |
| 4) MA Heptachlor            | 4.916 | 3.948 | 156.1E6  | 220.0E6  | 51.973  | 58.291  |
| 5) MB Aldrin                | 5.257 | 4.228 | 149.1E6  | 210.2E6  | 49.673  | 57.435  |
| 6) B beta-BHC               | 4.525 | 3.909 | 77189516 | 95842507 | 53.401  | 58.219  |
| 7) B delta-BHC              | 4.773 | 4.138 | 132.1E6  | 180.3E6  | 42.215  | 46.916  |
| 8) B Heptachlo...           | 5.684 | 4.730 | 138.7E6  | 193.7E6  | 50.224  | 57.970  |
| 9) A Endosulfan I           | 6.069 | 5.100 | 127.6E6  | 179.4E6  | 51.013  | 58.753  |
| 10) B gamma-Chl...          | 5.940 | 4.979 | 134.1E6  | 204.7E6  | 50.398  | 60.887m |
| 11) B alpha-Chl...          | 6.019 | 5.044 | 136.4E6  | 200.7E6  | 51.525  | 60.343  |
| 12) B 4,4'-DDE              | 6.192 | 5.233 | 125.0E6  | 196.9E6  | 52.773  | 61.110  |
| 13) MA Dieldrin             | 6.344 | 5.364 | 134.7E6  | 196.9E6  | 51.105  | 58.961  |
| 14) MA Endrin               | 6.572 | 5.638 | 114.8E6  | 175.1E6  | 50.440m | 60.535m |
| 15) B Endosulfa...          | 6.793 | 5.934 | 123.7E6  | 170.7E6  | 51.883  | 60.257  |
| 16) A 4,4'-DDD              | 6.708 | 5.788 | 104.0E6  | 153.3E6  | 54.163m | 61.573  |
| 17) MA 4,4'-DDT             | 7.021 | 6.036 | 105.5E6  | 157.2E6  | 50.951m | 58.597m |
| 18) B Endrin al...          | 6.923 | 6.113 | 93750363 | 131.1E6  | 49.921m | 56.808  |
| 19) B Endosulfa...          | 7.158 | 6.336 | 105.9E6  | 153.1E6  | 48.792  | 56.763  |
| 20) A Methoxychlor          | 7.499 | 6.612 | 58286222 | 81563584 | 51.128  | 57.116  |
| 21) B Endrin ke...          | 7.642 | 6.840 | 123.9E6  | 179.8E6  | 51.120  | 58.592m |
| 22) Mirex                   | 8.116 | 7.022 | 91799847 | 136.4E6  | 46.324  | 52.266  |
| -----                       |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111324\  
Data File : PL093041.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Nov 2024 17:15  
Operator : AR\AJ  
Sample : PB164960BS  
Misc :  
ALS Vial : 23 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PB164960BS

## Manual Integrations

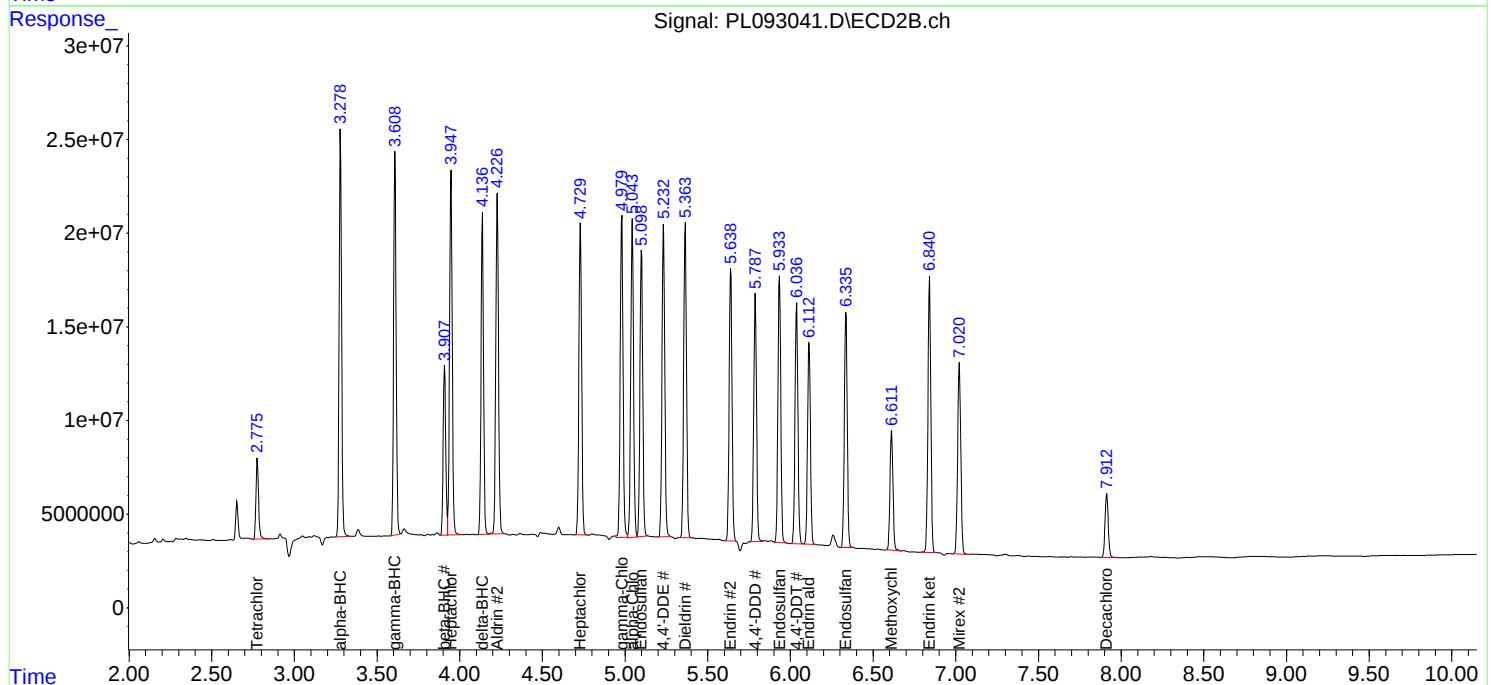
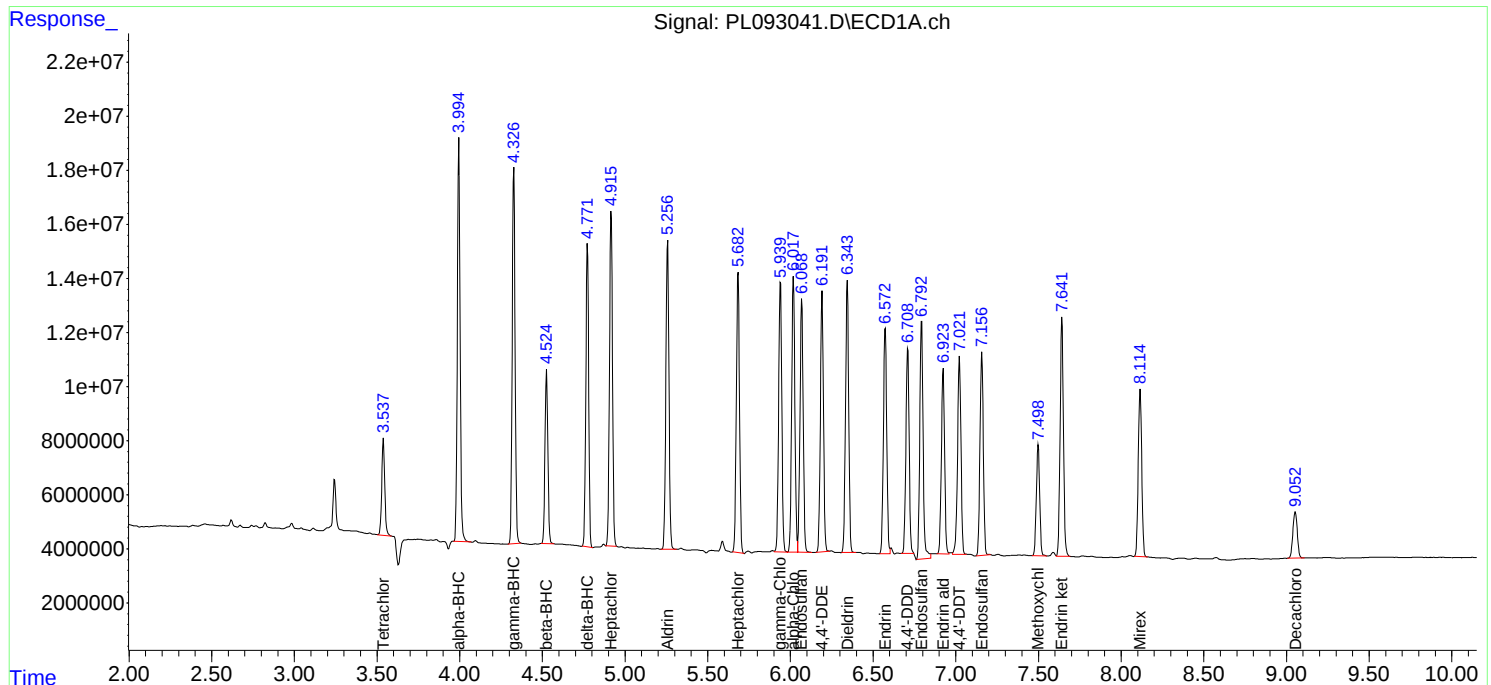
## APPROVED

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :Ankita Jodhani 11/14/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 14 00:35:56 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 28 18:58:23 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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



## Report of Analysis

|                    |                                     |                    |                  |
|--------------------|-------------------------------------|--------------------|------------------|
| Client:            | ENTACT                              | Date Collected:    | 10/30/24         |
| Project:           | 540 Degraw St, Brooklyn, NY - E9309 | Date Received:     | 11/08/24         |
| Client Sample ID:  | WC-TA2-02-CMS                       | SDG No.:           | P4799            |
| Lab Sample ID:     | P4799-03MS                          | Matrix:            | TCLP             |
| Analytical Method: | SW8081                              | % Solid:           | 0      Decanted: |
| Sample Wt/Vol:     | 100      Units:    mL               | Final Vol:         | 10000      uL    |
| Soil Aliquot Vol:  | uL                                  | Test:              | TCLP Pesticide   |
| Extraction Type:   |                                     | Injection Volume : |                  |
| GPC Factor :       | 1.0      PH :                       |                    |                  |
| Prep Method :      | 3510C                               |                    |                  |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PL093044.D        | 1         | 11/12/24 12:20 | 11/13/24 17:56 | PB164960      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|---------------------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |                     |            |         |
| 58-89-9           | gamma-BHC (Lindane)  | 5.80  |           | 0.049               | 0.50       | ug/L    |
| 76-44-8           | Heptachlor           | 9.20  | P         | 0.054               | 0.50       | ug/L    |
| 1024-57-3         | Heptachlor epoxide   | 6.20  |           | 0.090               | 0.50       | ug/L    |
| 72-20-8           | Endrin               | 6.50  |           | 0.043               | 0.50       | ug/L    |
| 72-43-5           | Methoxychlor         | 6.20  |           | 0.11                | 0.50       | ug/L    |
| 8001-35-2         | Toxaphene            | 1.50  | U         | 1.50                | 10.0       | ug/L    |
| 57-74-9           | Chlordane            | 0.82  | U         | 0.82                | 5.00       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |                     |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 23.8  |           | 30 (43) - 150 (140) | 119%       | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 22.6  |           | 30 (77) - 150 (126) | 113%       | SPK: 20 |

**Comments:**

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111324\  
 Data File : PL093044.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Nov 2024 17:56  
 Operator : AR\AJ  
 Sample : P4799-03MS  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 WC-TA2-02-CMS

Manual Integrations  
**APPROVED**

Reviewed By :Yogesh Patel 11/14/2024  
 Supervised By :Ankita Jodhani 11/14/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 14 00:37:34 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 28 18:58:23 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|-------|-------|----------|----------|---------|----------|
| -----                       |       |       |          |          |         |          |
| System Monitoring Compounds |       |       |          |          |         |          |
| 1) SA Tetrachlo...          | 3.539 | 2.776 | 55485331 | 59556419 | 22.645  | 21.886   |
| 28) SA Decachlor...         | 9.051 | 7.912 | 42382298 | 64848596 | 22.022  | 23.761   |
| Target Compounds            |       |       |          |          |         |          |
| 2) A alpha-BHC              | 3.995 | 3.278 | 187.0E6  | 240.1E6  | 55.136  | 60.169   |
| 3) MA gamma-BHC...          | 4.327 | 3.609 | 175.7E6  | 223.1E6  | 53.891  | 57.818   |
| 4) MA Heptachlor            | 4.916 | 3.946 | 168.2E6  | 346.6E6  | 56.009  | 91.830 # |
| 5) MB Aldrin                | 5.255 | 4.227 | 159.3E6  | 224.8E6  | 53.069m | 61.427   |
| 6) B beta-BHC               | 4.524 | 3.908 | 77120027 | 104.4E6  | 53.353m | 63.393   |
| 7) B delta-BHC              | 4.772 | 4.137 | 212.6E6  | 196.6E6  | 67.937  | 51.160   |
| 8) B Heptachlo...           | 5.682 | 4.730 | 149.2E6  | 207.0E6  | 54.035m | 61.954   |
| 9) A Endosulfan I           | 6.069 | 5.099 | 136.5E6  | 186.5E6  | 54.572  | 61.081   |
| 10) B gamma-Chl...          | 5.940 | 4.980 | 146.1E6  | 219.6E6  | 54.930  | 65.329   |
| 11) B alpha-Chl...          | 6.018 | 5.043 | 146.3E6  | 215.1E6  | 55.257  | 64.660   |
| 12) B 4,4'-DDE              | 6.191 | 5.232 | 129.1E6  | 209.2E6  | 54.502  | 64.942   |
| 13) MA Dieldrin             | 6.343 | 5.363 | 144.0E6  | 215.3E6  | 54.626  | 64.460   |
| 14) MA Endrin               | 6.572 | 5.637 | 121.9E6  | 188.1E6  | 53.542m | 65.021m  |
| 15) B Endosulfa...          | 6.793 | 5.932 | 127.9E6  | 184.0E6  | 53.648  | 64.949m  |
| 16) A 4,4'-DDD              | 6.707 | 5.787 | 109.8E6  | 166.1E6  | 57.190m | 66.712   |
| 17) MA 4,4'-DDT             | 7.022 | 6.036 | 115.9E6  | 171.0E6  | 56.020  | 63.748m  |
| 18) B Endrin al...          | 6.921 | 6.113 | 97797253 | 138.8E6  | 52.076m | 60.138   |
| 19) B Endosulfa...          | 7.157 | 6.335 | 111.5E6  | 165.3E6  | 51.371  | 61.311   |
| 20) A Methoxychlor          | 7.498 | 6.612 | 61024989 | 88139464 | 53.531  | 61.721   |
| 21) B Endrin ke...          | 7.641 | 6.841 | 128.8E6  | 192.7E6  | 53.160  | 62.807   |
| 22) Mirex                   | 8.115 | 7.021 | 95993065 | 145.7E6  | 48.440  | 55.860   |
| -----                       |       |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111324\  
Data File : PL093044.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Nov 2024 17:56  
Operator : AR\AJ  
Sample : P4799-03MS  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

WC-TA2-02-CMS

## Manual Integrations

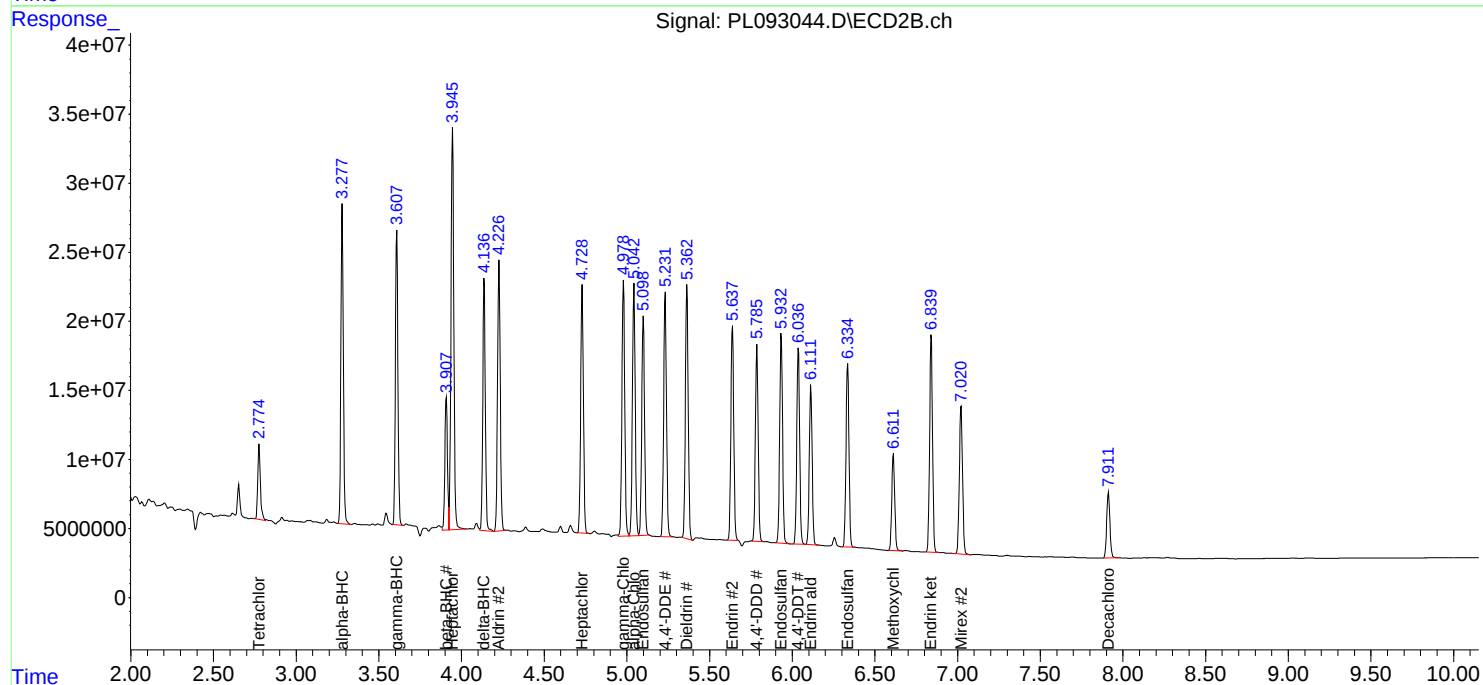
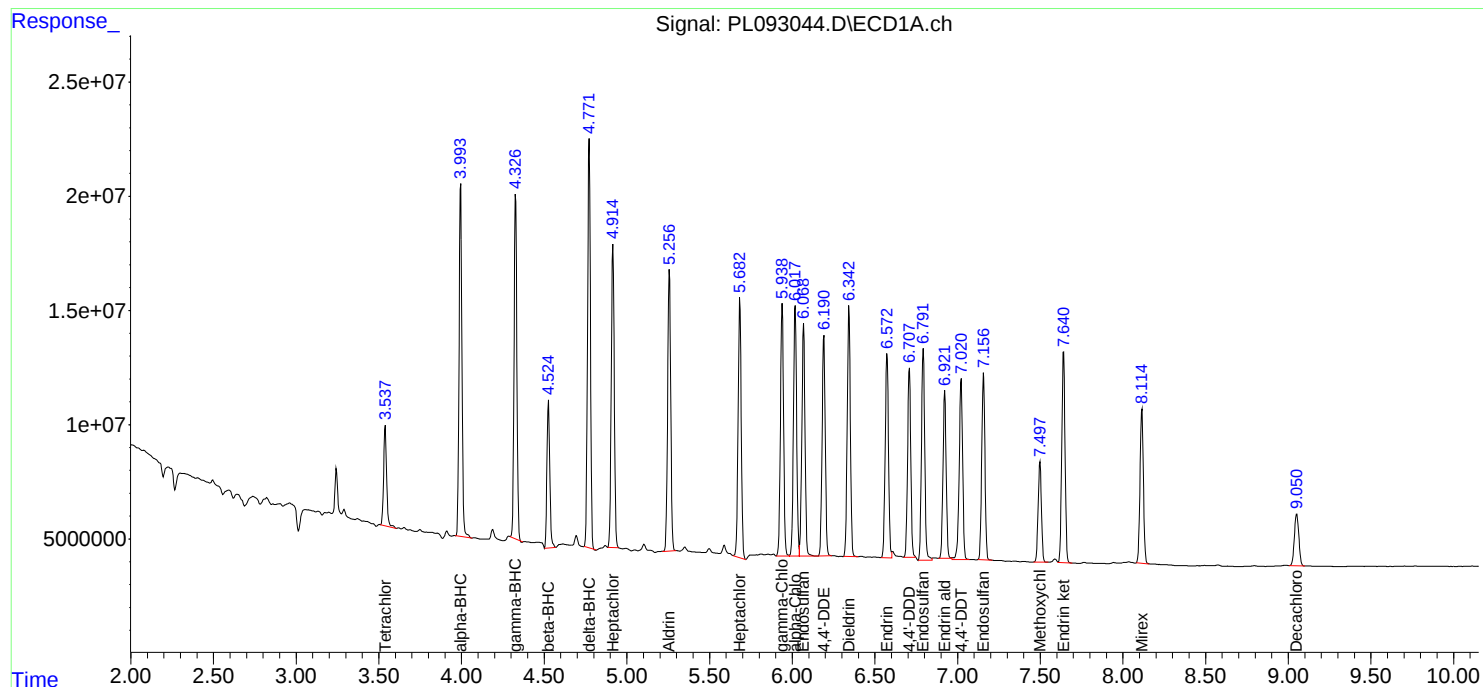
## APPROVED

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :Ankita Jodhani 11/14/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 14 00:37:34 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 28 18:58:23 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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



## Report of Analysis

|                    |                                     |                    |                |
|--------------------|-------------------------------------|--------------------|----------------|
| Client:            | ENTACT                              | Date Collected:    | 10/30/24       |
| Project:           | 540 Degraw St, Brooklyn, NY - E9309 | Date Received:     | 11/08/24       |
| Client Sample ID:  | WC-TA2-02-CMSD                      | SDG No.:           | P4799          |
| Lab Sample ID:     | P4799-03MSD                         | Matrix:            | TCLP           |
| Analytical Method: | SW8081                              | % Solid:           | 0              |
| Sample Wt/Vol:     | 100                                 | Units:             | mL             |
| Soil Aliquot Vol:  |                                     |                    | uL             |
| Extraction Type:   |                                     | Test:              | TCLP Pesticide |
| GPC Factor :       | 1.0                                 | PH :               |                |
| Prep Method :      | 3510C                               | Injection Volume : |                |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PL093045.D        | 1         | 11/12/24 12:20 | 11/13/24 18:09 | PB164960      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL                 | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|---------------------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |                     |            |         |
| 58-89-9           | gamma-BHC (Lindane)  | 5.80  |           | 0.049               | 0.50       | ug/L    |
| 76-44-8           | Heptachlor           | 9.20  | P         | 0.054               | 0.50       | ug/L    |
| 1024-57-3         | Heptachlor epoxide   | 6.20  |           | 0.090               | 0.50       | ug/L    |
| 72-20-8           | Endrin               | 6.50  |           | 0.043               | 0.50       | ug/L    |
| 72-43-5           | Methoxychlor         | 6.10  |           | 0.11                | 0.50       | ug/L    |
| 8001-35-2         | Toxaphene            | 1.50  | U         | 1.50                | 10.0       | ug/L    |
| 57-74-9           | Chlordane            | 0.82  | U         | 0.82                | 5.00       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |                     |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 23.7  |           | 30 (43) - 150 (140) | 119%       | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 22.2  |           | 30 (77) - 150 (126) | 111%       | SPK: 20 |

**Comments:**

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111324\  
 Data File : PL093045.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Nov 2024 18:09  
 Operator : AR\AJ  
 Sample : P4799-03MSD  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

**Instrument :**

ECD\_L

**ClientSampleId :**

WC-TA2-02-CMSD

**Manual Integrations****APPROVED**

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :Ankita Jodhani 11/14/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 14 00:37:55 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 28 18:58:23 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

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

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|----------|
| -----                       |                 |       |       |          |          |         |          |
| System Monitoring Compounds |                 |       |       |          |          |         |          |
| 1)                          | SA Tetrachlo... | 3.537 | 2.777 | 53884076 | 60464044 | 21.991m | 22.220   |
| 28)                         | SA Decachlor... | 9.052 | 7.913 | 41433418 | 64723396 | 21.529  | 23.715   |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.995 | 3.279 | 187.7E6  | 241.4E6  | 55.350  | 60.498   |
| 3)                          | MA gamma-BHC... | 4.327 | 3.608 | 176.8E6  | 224.1E6  | 54.241  | 58.066   |
| 4)                          | MA Heptachlor   | 4.915 | 3.946 | 169.5E6  | 348.2E6  | 56.447  | 92.268 # |
| 5)                          | MB Aldrin       | 5.256 | 4.227 | 160.7E6  | 225.1E6  | 53.548m | 61.496   |
| 6)                          | B beta-BHC      | 4.524 | 3.908 | 77716192 | 105.0E6  | 53.766m | 63.762   |
| 7)                          | B delta-BHC     | 4.770 | 4.136 | 215.3E6  | 193.4E6  | 68.788m | 50.332m# |
| 8)                          | B Heptachlo...  | 5.681 | 4.730 | 151.0E6  | 207.2E6  | 54.690m | 62.004   |
| 9)                          | A Endosulfan I  | 6.069 | 5.100 | 136.8E6  | 186.9E6  | 54.675  | 61.201   |
| 10)                         | B gamma-Chl...  | 5.939 | 4.978 | 146.0E6  | 216.5E6  | 54.886  | 64.388m  |
| 11)                         | B alpha-Chl...  | 6.018 | 5.043 | 146.9E6  | 215.9E6  | 55.482  | 64.899   |
| 12)                         | B 4,4'-DDE      | 6.191 | 5.232 | 129.6E6  | 209.7E6  | 54.684  | 65.087   |
| 13)                         | MA Dieldrin     | 6.344 | 5.363 | 144.8E6  | 216.6E6  | 54.938  | 64.847   |
| 14)                         | MA Endrin       | 6.572 | 5.638 | 122.5E6  | 188.7E6  | 53.824m | 65.233m  |
| 15)                         | B Endosulfa...  | 6.793 | 5.932 | 131.1E6  | 182.1E6  | 54.988  | 64.268m  |
| 16)                         | A 4,4'-DDD      | 6.707 | 5.787 | 110.6E6  | 167.6E6  | 57.623m | 67.317   |
| 17)                         | MA 4,4'-DDT     | 7.023 | 6.036 | 116.7E6  | 170.5E6  | 56.363  | 63.570m  |
| 18)                         | B Endrin al...  | 6.922 | 6.113 | 98794943 | 138.6E6  | 52.607m | 60.061   |
| 19)                         | B Endosulfa...  | 7.158 | 6.336 | 111.8E6  | 165.0E6  | 51.530  | 61.193   |
| 20)                         | A Methoxychlor  | 7.498 | 6.612 | 61528916 | 87581160 | 53.973  | 61.330   |
| 21)                         | B Endrin ke...  | 7.642 | 6.839 | 130.4E6  | 192.7E6  | 53.803  | 62.793m  |
| 22)                         | Mirex           | 8.115 | 7.021 | 97279165 | 147.6E6  | 49.089  | 56.575   |
| -----                       |                 |       |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111324\  
Data File : PL093045.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Nov 2024 18:09  
Operator : AR\AJ  
Sample : P4799-03MSD  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

WC-TA2-02-CMSD

## Manual Integrations

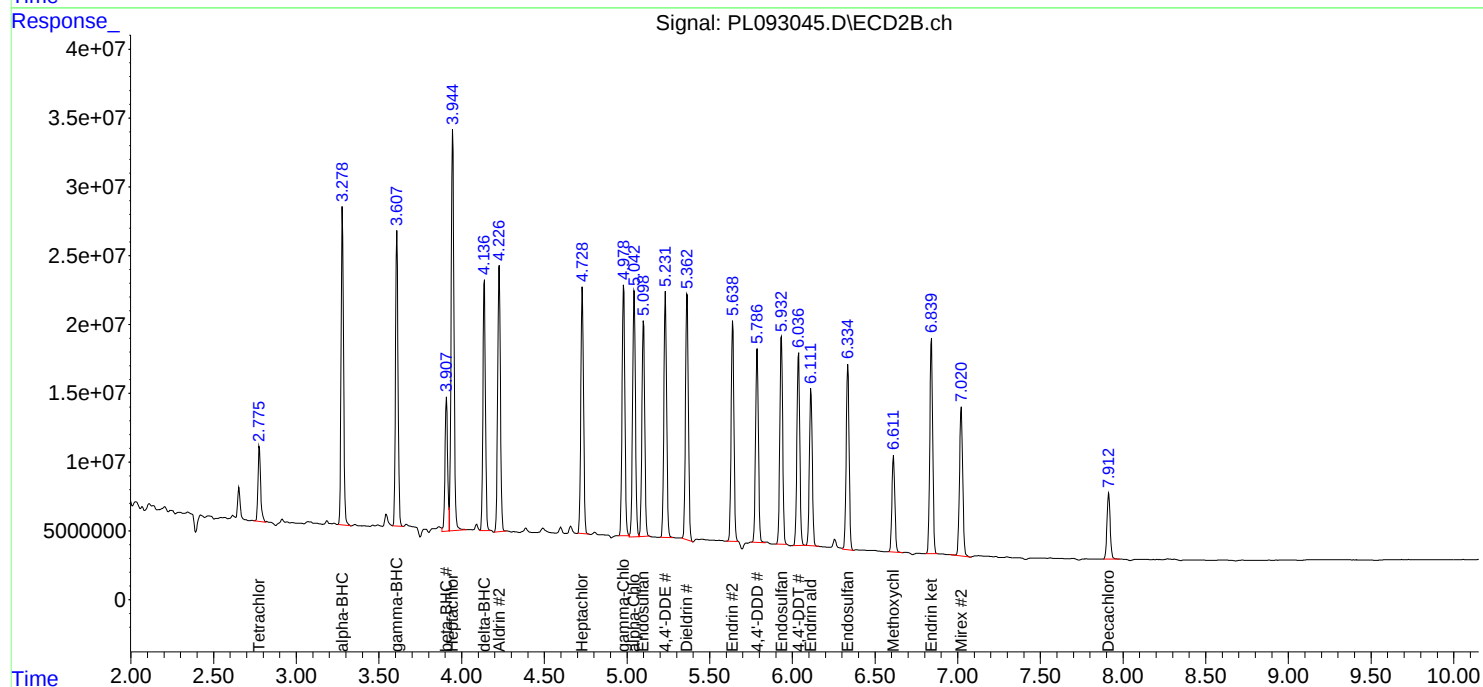
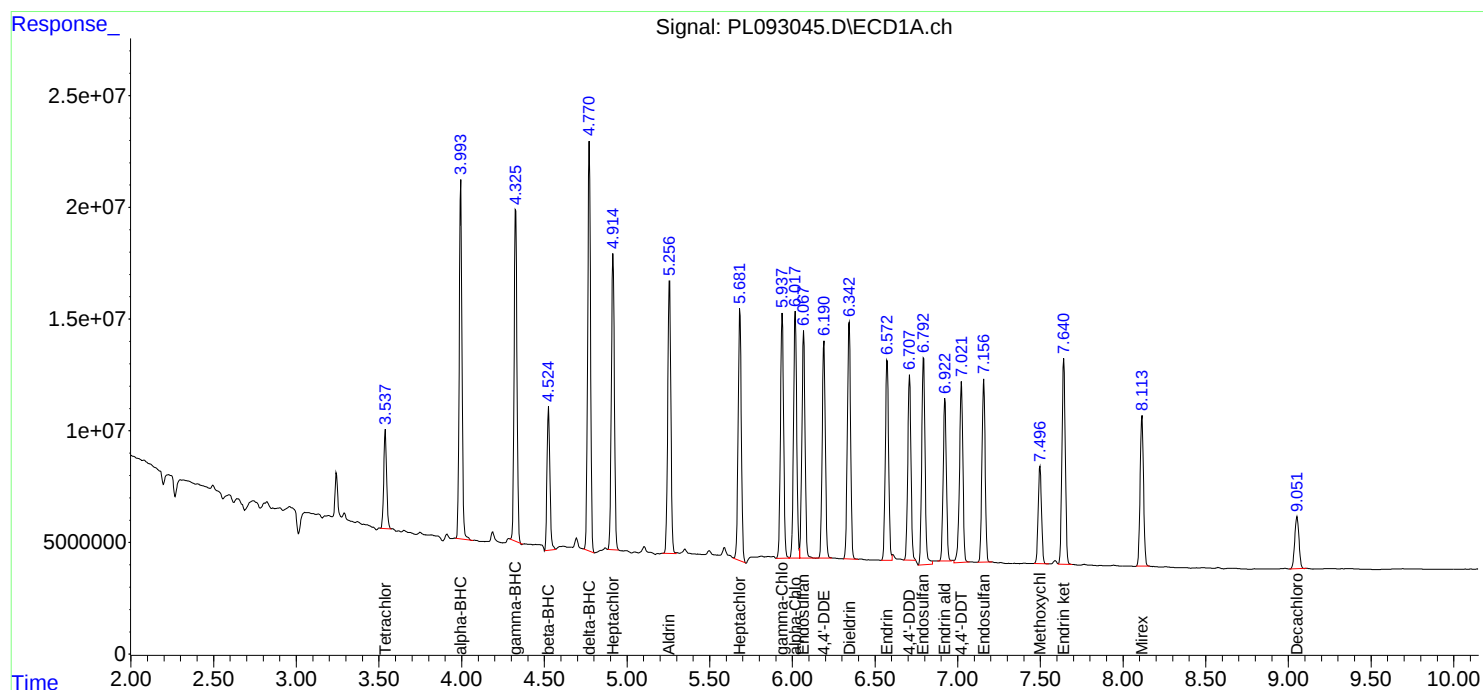
## APPROVED

Reviewed By :Yogesh Patel 11/14/2024

Supervised By :Ankita Jodhani 11/14/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 14 00:37:55 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 28 18:58:23 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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



## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | PL102824 | Instrument | ECD_I |
|-----------|----------|------------|-------|

| Sample ID  | File ID    | Parameter               | Review By | Review On                | Supervised By | Supervised On          | Reason                      |
|------------|------------|-------------------------|-----------|--------------------------|---------------|------------------------|-----------------------------|
| PEM        | PL092653.D | 4,4"-DDD                | Abdul     | 10/29/2024<br>9:08:09 AM | Ankita        | 10/29/2024<br>10:01:26 | Peak Integrated by Software |
| PEM        | PL092653.D | 4,4"-DDD #2             | Abdul     | 10/29/2024<br>9:08:09 AM | Ankita        | 10/29/2024<br>10:01:26 | Peak Integrated by Software |
| PSTDICC005 | PL092659.D | delta-BHC               | Abdul     | 10/29/2024<br>9:08:13 AM | Ankita        | 10/29/2024<br>10:01:28 | Peak Integrated by Software |
| PSTDICC005 | PL092659.D | Heptachlor epoxide      | Abdul     | 10/29/2024<br>9:08:13 AM | Ankita        | 10/29/2024<br>10:01:28 | Peak Integrated by Software |
| PEM        | PL092674.D | 4,4"-DDD #2             | Abdul     | 10/29/2024<br>9:08:21 AM | Ankita        | 10/29/2024<br>10:01:31 | Peak Integrated by Software |
| PEM        | PL092674.D | 4,4"-DDE                | Abdul     | 10/29/2024<br>9:08:21 AM | Ankita        | 10/29/2024<br>10:01:31 | Peak Integrated by Software |
| PEM        | PL092674.D | 4,4"-DDE #2             | Abdul     | 10/29/2024<br>9:08:21 AM | Ankita        | 10/29/2024<br>10:01:31 | Peak Integrated by Software |
| PEM        | PL092674.D | Endrin ketone #2        | Abdul     | 10/29/2024<br>9:08:21 AM | Ankita        | 10/29/2024<br>10:01:31 | Peak Integrated by Software |
| PSTDCCC050 | PL092675.D | Aldrin                  | Abdul     | 10/29/2024<br>9:08:25 AM | Ankita        | 10/29/2024<br>10:01:33 | Peak Integrated by Software |
| PSTDCCC050 | PL092675.D | Dieldrin #2             | Abdul     | 10/29/2024<br>9:08:25 AM | Ankita        | 10/29/2024<br>10:01:33 | Peak Integrated by Software |
| PSTDCCC050 | PL092675.D | gamma-BHC (Lindane)     | Abdul     | 10/29/2024<br>9:08:25 AM | Ankita        | 10/29/2024<br>10:01:33 | Peak Integrated by Software |
| PSTDCCC050 | PL092675.D | Tetrachloro-m-xylene #2 | Abdul     | 10/29/2024<br>9:08:25 AM | Ankita        | 10/29/2024<br>10:01:33 | Peak Integrated by Software |
| I.BLK      | PL092690.D | Tetrachloro-m-xylene #2 | Abdul     | 10/29/2024<br>9:09:28 AM | Ankita        | 10/29/2024<br>10:02:09 | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | PL102824 | Instrument | ECD_I |
|-----------|----------|------------|-------|

| Sample ID  | File ID    | Parameter          | Review By | Review On                | Supervised By | Supervised On          | Reason                      |
|------------|------------|--------------------|-----------|--------------------------|---------------|------------------------|-----------------------------|
| PSTDCCC050 | PL092691.D | Endosulfan II #2   | Abdul     | 10/29/2024<br>9:09:32 AM | Ankita        | 10/29/2024<br>10:02:10 | Peak Integrated by Software |
| PSTDCCC050 | PL092691.D | gamma-Chlordane    | Abdul     | 10/29/2024<br>9:09:32 AM | Ankita        | 10/29/2024<br>10:02:10 | Peak Integrated by Software |
| PSTDCCC050 | PL092691.D | Heptachlor epoxide | Abdul     | 10/29/2024<br>9:09:32 AM | Ankita        | 10/29/2024<br>10:02:10 | Peak Integrated by Software |
| PSTDCCC050 | PL092691.D | Mirex #2           | Abdul     | 10/29/2024<br>9:09:32 AM | Ankita        | 10/29/2024<br>10:02:10 | Peak Integrated by Software |

## Manual Integration Report

Sequence:

PL111324

Instrument

ECD\_I

| Sample ID  | File ID    | Parameter             | Review By | Review On                | Supervised By | Supervised On          | Reason                      |
|------------|------------|-----------------------|-----------|--------------------------|---------------|------------------------|-----------------------------|
| PEM        | PL093018.D | 4,4"-DDD              | yogesh    | 11/14/2024<br>8:47:08 AM | Ankita        | 11/14/2024<br>11:04:44 | Peak Integrated by Software |
| PEM        | PL093018.D | Endrin ketone #2      | yogesh    | 11/14/2024<br>8:47:08 AM | Ankita        | 11/14/2024<br>11:04:44 | Peak Integrated by Software |
| PSTDCCC050 | PL093019.D | Heptachlor epoxide    | yogesh    | 11/14/2024<br>8:47:10 AM | Ankita        | 11/14/2024<br>11:04:53 | Peak Integrated by Software |
| PSTDCCC050 | PL093039.D | Endosulfan II #2      | yogesh    | 11/14/2024<br>8:47:40 AM | Ankita        | 11/14/2024<br>11:05:11 | Peak Integrated by Software |
| PSTDCCC050 | PL093039.D | Endrin ketone #2      | yogesh    | 11/14/2024<br>8:47:40 AM | Ankita        | 11/14/2024<br>11:05:11 | Peak Integrated by Software |
| PSTDCCC050 | PL093039.D | Heptachlor epoxide    | yogesh    | 11/14/2024<br>8:47:40 AM | Ankita        | 11/14/2024<br>11:05:11 | Peak Integrated by Software |
| PSTDCCC050 | PL093039.D | Heptachlor epoxide #2 | yogesh    | 11/14/2024<br>8:47:40 AM | Ankita        | 11/14/2024<br>11:05:11 | Peak Integrated by Software |
| PSTDCCC050 | PL093039.D | Mirex #2              | yogesh    | 11/14/2024<br>8:47:40 AM | Ankita        | 11/14/2024<br>11:05:11 | Peak Integrated by Software |
| PB164960BS | PL093041.D | 4,4"-DDD              | yogesh    | 11/14/2024<br>8:47:42 AM | Ankita        | 11/14/2024<br>11:05:30 | Peak Integrated by Software |
| PB164960BS | PL093041.D | 4,4"-DDT              | yogesh    | 11/14/2024<br>8:47:42 AM | Ankita        | 11/14/2024<br>11:05:30 | Peak Integrated by Software |
| PB164960BS | PL093041.D | 4,4"-DDT #2           | yogesh    | 11/14/2024<br>8:47:42 AM | Ankita        | 11/14/2024<br>11:05:30 | Peak Integrated by Software |
| PB164960BS | PL093041.D | Endrin                | yogesh    | 11/14/2024<br>8:47:42 AM | Ankita        | 11/14/2024<br>11:05:30 | Peak Integrated by Software |
| PB164960BS | PL093041.D | Endrin #2             | yogesh    | 11/14/2024<br>8:47:42 AM | Ankita        | 11/14/2024<br>11:05:30 | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | PL111324 | Instrument | ECD_I |
|-----------|----------|------------|-------|

| Sample ID  | File ID    | Parameter               | Review By | Review On                | Supervised By | Supervised On          | Reason                      |
|------------|------------|-------------------------|-----------|--------------------------|---------------|------------------------|-----------------------------|
| PB164960BS | PL093041.D | Endrin aldehyde         | yogesh    | 11/14/2024<br>8:47:42 AM | Ankita        | 11/14/2024<br>11:05:30 | Peak Integrated by Software |
| PB164960BS | PL093041.D | Endrin ketone #2        | yogesh    | 11/14/2024<br>8:47:42 AM | Ankita        | 11/14/2024<br>11:05:30 | Peak Integrated by Software |
| PB164960BS | PL093041.D | gamma-Chlordane #2      | yogesh    | 11/14/2024<br>8:47:42 AM | Ankita        | 11/14/2024<br>11:05:30 | Peak Integrated by Software |
| PB164960BS | PL093041.D | Tetrachloro-m-xylene    | yogesh    | 11/14/2024<br>8:47:42 AM | Ankita        | 11/14/2024<br>11:05:30 | Peak Integrated by Software |
| P4799-03   | PL093043.D | Tetrachloro-m-xylene    | yogesh    | 11/14/2024<br>8:47:44 AM | Ankita        | 11/14/2024<br>11:05:32 | Peak Integrated by Software |
| P4799-03   | PL093043.D | Tetrachloro-m-xylene #2 | yogesh    | 11/14/2024<br>8:47:44 AM | Ankita        | 11/14/2024<br>11:05:32 | Peak Integrated by Software |
| P4799-03MS | PL093044.D | 4,4"-DDD                | yogesh    | 11/14/2024<br>8:47:46 AM | Ankita        | 11/14/2024<br>11:05:33 | Peak Integrated by Software |
| P4799-03MS | PL093044.D | 4,4"-DDT #2             | yogesh    | 11/14/2024<br>8:47:46 AM | Ankita        | 11/14/2024<br>11:05:33 | Peak Integrated by Software |
| P4799-03MS | PL093044.D | Aldrin                  | yogesh    | 11/14/2024<br>8:47:46 AM | Ankita        | 11/14/2024<br>11:05:33 | Peak Integrated by Software |
| P4799-03MS | PL093044.D | beta-BHC                | yogesh    | 11/14/2024<br>8:47:46 AM | Ankita        | 11/14/2024<br>11:05:33 | Peak Integrated by Software |
| P4799-03MS | PL093044.D | Endosulfan II #2        | yogesh    | 11/14/2024<br>8:47:46 AM | Ankita        | 11/14/2024<br>11:05:33 | Peak Integrated by Software |
| P4799-03MS | PL093044.D | Endrin                  | yogesh    | 11/14/2024<br>8:47:46 AM | Ankita        | 11/14/2024<br>11:05:33 | Peak Integrated by Software |
| P4799-03MS | PL093044.D | Endrin #2               | yogesh    | 11/14/2024<br>8:47:46 AM | Ankita        | 11/14/2024<br>11:05:33 | Peak Integrated by Software |

## Manual Integration Report

Sequence:

PL111324

Instrument

ECD\_I

| Sample ID   | File ID    | Parameter          | Review By | Review On                | Supervised By | Supervised On          | Reason                      |
|-------------|------------|--------------------|-----------|--------------------------|---------------|------------------------|-----------------------------|
| P4799-03MS  | PL093044.D | Endrin aldehyde    | yogesh    | 11/14/2024<br>8:47:46 AM | Ankita        | 11/14/2024<br>11:05:33 | Peak Integrated by Software |
| P4799-03MS  | PL093044.D | Heptachlor epoxide | yogesh    | 11/14/2024<br>8:47:46 AM | Ankita        | 11/14/2024<br>11:05:33 | Peak Integrated by Software |
| P4799-03MSD | PL093045.D | 4,4"-DDD           | yogesh    | 11/14/2024<br>8:47:48 AM | Ankita        | 11/14/2024<br>11:05:34 | Peak Integrated by Software |
| P4799-03MSD | PL093045.D | 4,4"-DDT #2        | yogesh    | 11/14/2024<br>8:47:48 AM | Ankita        | 11/14/2024<br>11:05:34 | Peak Integrated by Software |
| P4799-03MSD | PL093045.D | Aldrin             | yogesh    | 11/14/2024<br>8:47:48 AM | Ankita        | 11/14/2024<br>11:05:34 | Peak Integrated by Software |
| P4799-03MSD | PL093045.D | beta-BHC           | yogesh    | 11/14/2024<br>8:47:48 AM | Ankita        | 11/14/2024<br>11:05:34 | Peak Integrated by Software |
| P4799-03MSD | PL093045.D | delta-BHC          | yogesh    | 11/14/2024<br>8:47:48 AM | Ankita        | 11/14/2024<br>11:05:34 | Peak Integrated by Software |
| P4799-03MSD | PL093045.D | delta-BHC #2       | yogesh    | 11/14/2024<br>8:47:48 AM | Ankita        | 11/14/2024<br>11:05:34 | Peak Integrated by Software |
| P4799-03MSD | PL093045.D | Endosulfan II #2   | yogesh    | 11/14/2024<br>8:47:48 AM | Ankita        | 11/14/2024<br>11:05:34 | Peak Integrated by Software |
| P4799-03MSD | PL093045.D | Endrin             | yogesh    | 11/14/2024<br>8:47:48 AM | Ankita        | 11/14/2024<br>11:05:34 | Peak Integrated by Software |
| P4799-03MSD | PL093045.D | Endrin #2          | yogesh    | 11/14/2024<br>8:47:48 AM | Ankita        | 11/14/2024<br>11:05:34 | Peak Integrated by Software |
| P4799-03MSD | PL093045.D | Endrin aldehyde    | yogesh    | 11/14/2024<br>8:47:48 AM | Ankita        | 11/14/2024<br>11:05:34 | Peak Integrated by Software |
| P4799-03MSD | PL093045.D | Endrin ketone #2   | yogesh    | 11/14/2024<br>8:47:48 AM | Ankita        | 11/14/2024<br>11:05:34 | Peak Integrated by Software |

## Manual Integration Report

|           |          |            |       |
|-----------|----------|------------|-------|
| Sequence: | PL111324 | Instrument | ECD_I |
|-----------|----------|------------|-------|

| Sample ID   | File ID    | Parameter               | Review By | Review On                | Supervised By | Supervised On          | Reason                      |
|-------------|------------|-------------------------|-----------|--------------------------|---------------|------------------------|-----------------------------|
| P4799-03MSD | PL093045.D | gamma-Chlordane #2      | yogesh    | 11/14/2024<br>8:47:48 AM | Ankita        | 11/14/2024<br>11:05:34 | Peak Integrated by Software |
| P4799-03MSD | PL093045.D | Heptachlor epoxide      | yogesh    | 11/14/2024<br>8:47:48 AM | Ankita        | 11/14/2024<br>11:05:34 | Peak Integrated by Software |
| P4799-03MSD | PL093045.D | Tetrachloro-m-xylene    | yogesh    | 11/14/2024<br>8:47:48 AM | Ankita        | 11/14/2024<br>11:05:34 | Peak Integrated by Software |
| P4799-07    | PL093046.D | Tetrachloro-m-xylene    | yogesh    | 11/14/2024<br>8:47:50 AM | Ankita        | 11/14/2024<br>11:05:37 | Peak Integrated by Software |
| P4799-07    | PL093046.D | Tetrachloro-m-xylene #2 | yogesh    | 11/14/2024<br>8:47:50 AM | Ankita        | 11/14/2024<br>11:05:37 | Peak Integrated by Software |
| P4799-11    | PL093047.D | Tetrachloro-m-xylene    | yogesh    | 11/14/2024<br>8:47:52 AM | Ankita        | 11/14/2024<br>11:05:39 | Peak Integrated by Software |
| P4799-11    | PL093047.D | Tetrachloro-m-xylene #2 | yogesh    | 11/14/2024<br>8:47:52 AM | Ankita        | 11/14/2024<br>11:05:39 | Peak Integrated by Software |
| P4799-15    | PL093048.D | Tetrachloro-m-xylene    | yogesh    | 11/14/2024<br>8:47:54 AM | Ankita        | 11/14/2024<br>11:05:40 | Peak Integrated by Software |
| P4799-15    | PL093048.D | Tetrachloro-m-xylene #2 | yogesh    | 11/14/2024<br>8:47:54 AM | Ankita        | 11/14/2024<br>11:05:40 | Peak Integrated by Software |
| P4799-19    | PL093049.D | Tetrachloro-m-xylene    | yogesh    | 11/14/2024<br>8:47:55 AM | Ankita        | 11/14/2024<br>11:05:42 | Peak Integrated by Software |
| PSTDCCC050  | PL093051.D | 4,4"-DDT #2             | yogesh    | 11/14/2024<br>8:47:59 AM | Ankita        | 11/14/2024<br>11:05:43 | Peak Integrated by Software |
| PSTDCCC050  | PL093051.D | Decachlorobiphenyl #2   | yogesh    | 11/14/2024<br>8:47:59 AM | Ankita        | 11/14/2024<br>11:05:43 | Peak Integrated by Software |
| PSTDCCC050  | PL093051.D | Endosulfan II #2        | yogesh    | 11/14/2024<br>8:47:59 AM | Ankita        | 11/14/2024<br>11:05:43 | Peak Integrated by Software |

## Manual Integration Report

Sequence:

PL111324

Instrument

ECD\_I

| Sample ID  | File ID    | Parameter             | Review By | Review On                | Supervised By | Supervised On          | Reason                      |
|------------|------------|-----------------------|-----------|--------------------------|---------------|------------------------|-----------------------------|
| PSTDCCC050 | PL093051.D | gamma-Chlordane       | yogesh    | 11/14/2024<br>8:47:59 AM | Ankita        | 11/14/2024<br>11:05:43 | Peak Integrated by Software |
| PSTDCCC050 | PL093051.D | Heptachlor epoxide    | yogesh    | 11/14/2024<br>8:47:59 AM | Ankita        | 11/14/2024<br>11:05:43 | Peak Integrated by Software |
| PSTDCCC050 | PL093051.D | Heptachlor epoxide #2 | yogesh    | 11/14/2024<br>8:47:59 AM | Ankita        | 11/14/2024<br>11:05:43 | Peak Integrated by Software |

Instrument ID: ECD\_L

**Daily Analysis Runlog For Sequence/QC Batch ID # PL102824**

|                          |                                                                                         |                   |                                    |
|--------------------------|-----------------------------------------------------------------------------------------|-------------------|------------------------------------|
| Review By                | Abdul                                                                                   | Review On         | 10/29/2024 9:09:59 AM              |
| Supervise By             | Ankita                                                                                  | Supervise On      | 10/29/2024 10:02:30 AM             |
| SubDirectory             | PL102824                                                                                | HP Acquire Method | HP Processing Method pl102824 8081 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                        |                   |                                    |
| Tune/Reschk              | PP23793,PP23517                                                                         |                   |                                    |
| Initial Calibration Stds | PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683 |                   |                                    |
| CCC                      | PP23686,PP23690,PP23695                                                                 |                   |                                    |
| Internal Standard/PEM    |                                                                                         |                   |                                    |
| ICV/I.BLK                | PP23687,PP23693,PP23698                                                                 |                   |                                    |
| Surrogate Standard       |                                                                                         |                   |                                    |
| MS/MSD Standard          |                                                                                         |                   |                                    |
| LCS Standard             |                                                                                         |                   |                                    |

| Sr# | SampleId      | Data File Name | Date-Time         | Operator | Status |
|-----|---------------|----------------|-------------------|----------|--------|
| 1   | HEXANE        | PL092651.D     | 28 Oct 2024 13:41 | AR\AJ    | Ok     |
| 2   | I.BLK         | PL092652.D     | 28 Oct 2024 13:55 | AR\AJ    | Ok     |
| 3   | PEM           | PL092653.D     | 28 Oct 2024 14:16 | AR\AJ    | Ok,M   |
| 4   | RESCHK        | PL092654.D     | 28 Oct 2024 14:29 | AR\AJ    | Ok     |
| 5   | PSTDICC100    | PL092655.D     | 28 Oct 2024 14:43 | AR\AJ    | Ok     |
| 6   | PSTDICC075    | PL092656.D     | 28 Oct 2024 14:56 | AR\AJ    | Ok     |
| 7   | PSTDICC050    | PL092657.D     | 28 Oct 2024 15:09 | AR\AJ    | Ok     |
| 8   | PSTDICC025    | PL092658.D     | 28 Oct 2024 15:23 | AR\AJ    | Ok     |
| 9   | PSTDICC005    | PL092659.D     | 28 Oct 2024 15:36 | AR\AJ    | Ok,M   |
| 10  | PCHLORICC1000 | PL092660.D     | 28 Oct 2024 15:49 | AR\AJ    | Ok     |
| 11  | PCHLORICC750  | PL092661.D     | 28 Oct 2024 16:03 | AR\AJ    | Ok     |
| 12  | PCHLORICC500  | PL092662.D     | 28 Oct 2024 16:16 | AR\AJ    | Ok     |
| 13  | PCHLORICC250  | PL092663.D     | 28 Oct 2024 16:30 | AR\AJ    | Ok     |
| 14  | PCHLORICC050  | PL092664.D     | 28 Oct 2024 16:43 | AR\AJ    | Ok     |
| 15  | PTOXICC1000   | PL092665.D     | 28 Oct 2024 16:56 | AR\AJ    | Ok     |
| 16  | PTOXICC750    | PL092666.D     | 28 Oct 2024 17:10 | AR\AJ    | Ok     |
| 17  | PTOXICC500    | PL092667.D     | 28 Oct 2024 17:23 | AR\AJ    | Ok     |
| 18  | PTOXICC250    | PL092668.D     | 28 Oct 2024 17:37 | AR\AJ    | Ok     |
| 19  | PTOXICC100    | PL092669.D     | 28 Oct 2024 17:50 | AR\AJ    | Ok,M   |
| 20  | PSTDICV050    | PL092670.D     | 28 Oct 2024 18:03 | AR\AJ    | Ok     |
| 21  | PCHLORICV500  | PL092671.D     | 28 Oct 2024 18:30 | AR\AJ    | Ok     |

Instrument ID: ECD\_L

**Daily Analysis Runlog For Sequence/QC Batch ID # PL102824**

| Review By                | Abdul                                                                                   | Review On         | 10/29/2024 9:09:59 AM              |
|--------------------------|-----------------------------------------------------------------------------------------|-------------------|------------------------------------|
| Supervise By             | Ankita                                                                                  | Supervise On      | 10/29/2024 10:02:30 AM             |
| SubDirectory             | PL102824                                                                                | HP Acquire Method | HP Processing Method pl102824 8081 |
| STD. NAME                | STD REF.#                                                                               |                   |                                    |
| Tune/Reschk              | PP23793,PP23517                                                                         |                   |                                    |
| Initial Calibration Stds | PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683 |                   |                                    |
| CCC                      | PP23686,PP23690,PP23695                                                                 |                   |                                    |
| Internal Standard/PEM    |                                                                                         |                   |                                    |
| ICV/I.BLK                | PP23687,PP23693,PP23698                                                                 |                   |                                    |
| Surrogate Standard       |                                                                                         |                   |                                    |
| MS/MSD Standard          |                                                                                         |                   |                                    |
| LCS Standard             |                                                                                         |                   |                                    |

|    |             |            |                   |       |      |
|----|-------------|------------|-------------------|-------|------|
| 22 | PTOXICV500  | PL092672.D | 28 Oct 2024 18:57 | AR\AJ | Ok   |
| 23 | I.BLK       | PL092673.D | 28 Oct 2024 19:24 | AR\AJ | Ok   |
| 24 | PEM         | PL092674.D | 28 Oct 2024 19:37 | AR\AJ | Ok,M |
| 25 | PSTDCCC050  | PL092675.D | 28 Oct 2024 19:51 | AR\AJ | Ok,M |
| 26 | PB164460BL  | PL092676.D | 28 Oct 2024 20:04 | AR\AJ | Ok,M |
| 27 | PB164460BS  | PL092677.D | 28 Oct 2024 20:17 | AR\AJ | Ok,M |
| 28 | P4575-01    | PL092678.D | 28 Oct 2024 20:31 | AR\AJ | Ok,M |
| 29 | P4566-01    | PL092679.D | 28 Oct 2024 20:44 | AR\AJ | Ok,M |
| 30 | P4567-01    | PL092680.D | 28 Oct 2024 20:57 | AR\AJ | Ok,M |
| 31 | P4567-05    | PL092681.D | 28 Oct 2024 21:11 | AR\AJ | Ok   |
| 32 | P4567-09    | PL092682.D | 28 Oct 2024 21:24 | AR\AJ | Ok,M |
| 33 | P4574-01    | PL092683.D | 28 Oct 2024 21:38 | AR\AJ | Ok,M |
| 34 | P4574-04    | PL092684.D | 28 Oct 2024 21:51 | AR\AJ | Ok,M |
| 35 | P4577-01    | PL092685.D | 28 Oct 2024 22:04 | AR\AJ | Ok,M |
| 36 | P4561-01    | PL092686.D | 28 Oct 2024 22:18 | AR\AJ | Ok,M |
| 37 | P4561-01MS  | PL092687.D | 28 Oct 2024 22:31 | AR\AJ | Ok,M |
| 38 | P4561-01MSD | PL092688.D | 28 Oct 2024 22:44 | AR\AJ | Ok,M |
| 39 | P4561-05    | PL092689.D | 28 Oct 2024 22:58 | AR\AJ | Ok,M |
| 40 | I.BLK       | PL092690.D | 28 Oct 2024 23:11 | AR\AJ | Ok,M |
| 41 | PSTDCCC050  | PL092691.D | 29 Oct 2024 00:32 | AR\AJ | Ok,M |

M : Manual Integration

Instrument ID: ECD\_L

**Daily Analysis Runlog For Sequence/QC Batch ID # PL111324**

|                          |                                                                                         |                   |                               |
|--------------------------|-----------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                  | Review On         | 11/14/2024 11:07:04 AM        |
| Supervise By             | Ankita                                                                                  | Supervise On      | 11/14/2024 11:33:26 AM        |
| SubDirectory             | PL111324                                                                                | HP Acquire Method | HP Processing Method PL102824 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                        |                   |                               |
| Tune/Reschk              | PP23793,PP23517                                                                         |                   |                               |
| Initial Calibration Stds | PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683 |                   |                               |
| CCC                      | PP23686,PP23690,PP23695                                                                 |                   |                               |
| Internal Standard/PEM    |                                                                                         |                   |                               |
| ICV/I.BLK                | PP23687,PP23693,PP23698                                                                 |                   |                               |
| Surrogate Standard       |                                                                                         |                   |                               |
| MS/MSD Standard          |                                                                                         |                   |                               |
| LCS Standard             |                                                                                         |                   |                               |

| Sr# | SampleId    | Data File Name | Date-Time         | Operator | Status   |
|-----|-------------|----------------|-------------------|----------|----------|
| 1   | HEXANE      | PL093016.D     | 13 Nov 2024 08:25 | AR\AJ    | Ok       |
| 2   | I.BLK       | PL093017.D     | 13 Nov 2024 08:39 | AR\AJ    | Ok       |
| 3   | PEM         | PL093018.D     | 13 Nov 2024 08:52 | AR\AJ    | Ok,M     |
| 4   | PSTDCCC050  | PL093019.D     | 13 Nov 2024 09:06 | AR\AJ    | Ok,M     |
| 5   | P4791-02RE  | PL093020.D     | 13 Nov 2024 11:13 | AR\AJ    | Confirms |
| 6   | P4793-01    | PL093021.D     | 13 Nov 2024 11:27 | AR\AJ    | Ok,M     |
| 7   | P4807-05    | PL093022.D     | 13 Nov 2024 11:40 | AR\AJ    | Ok,M     |
| 8   | P4811-01    | PL093023.D     | 13 Nov 2024 11:54 | AR\AJ    | Ok,M     |
| 9   | PB164939BL  | PL093024.D     | 13 Nov 2024 12:22 | AR\AJ    | Ok,M     |
| 10  | PB164939BS  | PL093025.D     | 13 Nov 2024 12:49 | AR\AJ    | Ok       |
| 11  | P4821-01    | PL093026.D     | 13 Nov 2024 13:02 | AR\AJ    | Ok,M     |
| 12  | P4821-05    | PL093027.D     | 13 Nov 2024 13:16 | AR\AJ    | Ok,M     |
| 13  | P4821-05MS  | PL093028.D     | 13 Nov 2024 13:30 | AR\AJ    | Ok,M     |
| 14  | P4821-05MSD | PL093029.D     | 13 Nov 2024 13:43 | AR\AJ    | Ok,M     |
| 15  | P4822-02    | PL093030.D     | 13 Nov 2024 13:57 | AR\AJ    | Ok,M     |
| 16  | P4822-04    | PL093031.D     | 13 Nov 2024 14:10 | AR\AJ    | Ok,M     |
| 17  | P4822-06    | PL093032.D     | 13 Nov 2024 14:24 | AR\AJ    | Ok,M     |
| 18  | P4822-08    | PL093033.D     | 13 Nov 2024 14:37 | AR\AJ    | Ok,M     |
| 19  | P4822-10    | PL093034.D     | 13 Nov 2024 14:51 | AR\AJ    | Ok,M     |
| 20  | P4822-12    | PL093035.D     | 13 Nov 2024 15:04 | AR\AJ    | Ok,M     |
| 21  | P4823-01    | PL093036.D     | 13 Nov 2024 15:18 | AR\AJ    | Ok,M     |

Instrument ID: ECD\_L

**Daily Analysis Runlog For Sequence/QC Batch ID # PL111324**

|                          |                                                                                         |                   |                               |
|--------------------------|-----------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                  | Review On         | 11/14/2024 11:07:04 AM        |
| Supervise By             | Ankita                                                                                  | Supervise On      | 11/14/2024 11:33:26 AM        |
| SubDirectory             | PL111324                                                                                | HP Acquire Method | HP Processing Method PL102824 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                        |                   |                               |
| Tune/Reschk              | PP23793,PP23517                                                                         |                   |                               |
| Initial Calibration Stds | PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683 |                   |                               |
| CCC                      | PP23686,PP23690,PP23695                                                                 |                   |                               |
| Internal Standard/PEM    |                                                                                         |                   |                               |
| ICV/I.BLK                | PP23687,PP23693,PP23698                                                                 |                   |                               |
| Surrogate Standard       |                                                                                         |                   |                               |
| MS/MSD Standard          |                                                                                         |                   |                               |
| LCS Standard             |                                                                                         |                   |                               |

|    |             |            |                   |       |        |
|----|-------------|------------|-------------------|-------|--------|
| 22 | PB164939BS  | PL093037.D | 13 Nov 2024 15:32 | AR\AJ | Not Ok |
| 23 | I.BLK       | PL093038.D | 13 Nov 2024 15:45 | AR\AJ | Ok     |
| 24 | PSTDCCC050  | PL093039.D | 13 Nov 2024 15:59 | AR\AJ | Ok,M   |
| 25 | PB164960BL  | PL093040.D | 13 Nov 2024 17:01 | AR\AJ | Ok     |
| 26 | PB164960BS  | PL093041.D | 13 Nov 2024 17:15 | AR\AJ | Ok,M   |
| 27 | PB164880TB  | PL093042.D | 13 Nov 2024 17:28 | AR\AJ | Ok     |
| 28 | P4799-03    | PL093043.D | 13 Nov 2024 17:42 | AR\AJ | Ok,M   |
| 29 | P4799-03MS  | PL093044.D | 13 Nov 2024 17:56 | AR\AJ | Ok,M   |
| 30 | P4799-03MSD | PL093045.D | 13 Nov 2024 18:09 | AR\AJ | Ok,M   |
| 31 | P4799-07    | PL093046.D | 13 Nov 2024 18:23 | AR\AJ | Ok,M   |
| 32 | P4799-11    | PL093047.D | 13 Nov 2024 18:36 | AR\AJ | Ok,M   |
| 33 | P4799-15    | PL093048.D | 13 Nov 2024 18:50 | AR\AJ | Ok,M   |
| 34 | P4799-19    | PL093049.D | 13 Nov 2024 19:03 | AR\AJ | Ok,M   |
| 35 | I.BLK       | PL093050.D | 13 Nov 2024 19:17 | AR\AJ | Ok     |
| 36 | PSTDCCC050  | PL093051.D | 13 Nov 2024 19:30 | AR\AJ | Ok,M   |

M : Manual Integration

Instrument ID: ECD\_L

**Daily Analysis Runlog For Sequence/QC Batch ID # PL102824**

|              |          |                   |                                    |
|--------------|----------|-------------------|------------------------------------|
| Review By    | Abdul    | Review On         | 10/29/2024 9:09:59 AM              |
| Supervise By | Ankita   | Supervise On      | 10/29/2024 10:02:30 AM             |
| SubDirectory | PL102824 | HP Acquire Method | HP Processing Method pl102824 8081 |

| STD. NAME                | STD REF.#                                                                               |
|--------------------------|-----------------------------------------------------------------------------------------|
| Tune/Reschk              | PP23793,PP23517                                                                         |
| Initial Calibration Stds | PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683 |
| CCC                      | PP23686,PP23690,PP23695                                                                 |
| Internal Standard/PEM    |                                                                                         |
| ICV/I.BLK                | PP23687,PP23693,PP23698                                                                 |
| Surrogate Standard       |                                                                                         |
| MS/MSD Standard          |                                                                                         |
| LCS Standard             |                                                                                         |

| Sr# | SampleId      | ClientID      | Data File Name | Date-Time         | Comment | Operator | Status |
|-----|---------------|---------------|----------------|-------------------|---------|----------|--------|
| 1   | HEXANE        | HEXANE        | PL092651.D     | 28 Oct 2024 13:41 |         | AR\AJ    | Ok     |
| 2   | I.BLK         | I.BLK         | PL092652.D     | 28 Oct 2024 13:55 |         | AR\AJ    | Ok     |
| 3   | PEM           | PEM           | PL092653.D     | 28 Oct 2024 14:16 |         | AR\AJ    | Ok,M   |
| 4   | RESCHK        | RESCHK        | PL092654.D     | 28 Oct 2024 14:29 |         | AR\AJ    | Ok     |
| 5   | PSTDICC100    | PSTDICC100    | PL092655.D     | 28 Oct 2024 14:43 |         | AR\AJ    | Ok     |
| 6   | PSTDICC075    | PSTDICC075    | PL092656.D     | 28 Oct 2024 14:56 |         | AR\AJ    | Ok     |
| 7   | PSTDICC050    | PSTDICC050    | PL092657.D     | 28 Oct 2024 15:09 |         | AR\AJ    | Ok     |
| 8   | PSTDICC025    | PSTDICC025    | PL092658.D     | 28 Oct 2024 15:23 |         | AR\AJ    | Ok     |
| 9   | PSTDICC005    | PSTDICC005    | PL092659.D     | 28 Oct 2024 15:36 |         | AR\AJ    | Ok,M   |
| 10  | PCHLORICC1000 | PCHLORICC1000 | PL092660.D     | 28 Oct 2024 15:49 |         | AR\AJ    | Ok     |
| 11  | PCHLORICC750  | PCHLORICC750  | PL092661.D     | 28 Oct 2024 16:03 |         | AR\AJ    | Ok     |
| 12  | PCHLORICC500  | PCHLORICC500  | PL092662.D     | 28 Oct 2024 16:16 |         | AR\AJ    | Ok     |
| 13  | PCHLORICC250  | PCHLORICC250  | PL092663.D     | 28 Oct 2024 16:30 |         | AR\AJ    | Ok     |
| 14  | PCHLORICC050  | PCHLORICC050  | PL092664.D     | 28 Oct 2024 16:43 |         | AR\AJ    | Ok     |
| 15  | PTOXICC1000   | PTOXICC1000   | PL092665.D     | 28 Oct 2024 16:56 |         | AR\AJ    | Ok     |
| 16  | PTOXICC750    | PTOXICC750    | PL092666.D     | 28 Oct 2024 17:10 |         | AR\AJ    | Ok     |
| 17  | PTOXICC500    | PTOXICC500    | PL092667.D     | 28 Oct 2024 17:23 |         | AR\AJ    | Ok     |
| 18  | PTOXICC250    | PTOXICC250    | PL092668.D     | 28 Oct 2024 17:37 |         | AR\AJ    | Ok     |

Instrument ID: ECD\_L

**Daily Analysis Runlog For Sequence/QC Batch ID # PL102824**

|                          |                                                                                         |                   |                                    |
|--------------------------|-----------------------------------------------------------------------------------------|-------------------|------------------------------------|
| Review By                | Abdul                                                                                   | Review On         | 10/29/2024 9:09:59 AM              |
| Supervise By             | Ankita                                                                                  | Supervise On      | 10/29/2024 10:02:30 AM             |
| SubDirectory             | PL102824                                                                                | HP Acquire Method | HP Processing Method pl102824 8081 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                        |                   |                                    |
| Tune/Reschk              | PP23793,PP23517                                                                         |                   |                                    |
| Initial Calibration Stds | PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683 |                   |                                    |
| CCC                      | PP23686,PP23690,PP23695                                                                 |                   |                                    |
| Internal Standard/PEM    |                                                                                         |                   |                                    |
| ICV/I.BLK                | PP23687,PP23693,PP23698                                                                 |                   |                                    |
| Surrogate Standard       |                                                                                         |                   |                                    |
| MS/MSD Standard          |                                                                                         |                   |                                    |
| LCS Standard             |                                                                                         |                   |                                    |

|    |              |                  |            |                   |  |       |      |
|----|--------------|------------------|------------|-------------------|--|-------|------|
| 19 | PTOXICC100   | PTOXICC100       | PL092669.D | 28 Oct 2024 17:50 |  | AR\AJ | Ok,M |
| 20 | PSTDICV050   | ICVPL102824      | PL092670.D | 28 Oct 2024 18:03 |  | AR\AJ | Ok   |
| 21 | PCHLORICV500 | ICVPL102824CHLOR | PL092671.D | 28 Oct 2024 18:30 |  | AR\AJ | Ok   |
| 22 | PTOXICV500   | ICVPL102824TOX   | PL092672.D | 28 Oct 2024 18:57 |  | AR\AJ | Ok   |
| 23 | I.BLK        | I.BLK            | PL092673.D | 28 Oct 2024 19:24 |  | AR\AJ | Ok   |
| 24 | PEM          | PEM              | PL092674.D | 28 Oct 2024 19:37 |  | AR\AJ | Ok,M |
| 25 | PSTDCCC050   | PSTDCCC050       | PL092675.D | 28 Oct 2024 19:51 |  | AR\AJ | Ok,M |
| 26 | PB164460BL   | PB164460BL       | PL092676.D | 28 Oct 2024 20:04 |  | AR\AJ | Ok,M |
| 27 | PB164460BS   | PB164460BS       | PL092677.D | 28 Oct 2024 20:17 |  | AR\AJ | Ok,M |
| 28 | P4575-01     | PL-02-102424     | PL092678.D | 28 Oct 2024 20:31 |  | AR\AJ | Ok,M |
| 29 | P4566-01     | HD-01-102524     | PL092679.D | 28 Oct 2024 20:44 |  | AR\AJ | Ok,M |
| 30 | P4567-01     | WC-1             | PL092680.D | 28 Oct 2024 20:57 |  | AR\AJ | Ok,M |
| 31 | P4567-05     | WC-2             | PL092681.D | 28 Oct 2024 21:11 |  | AR\AJ | Ok   |
| 32 | P4567-09     | WC-3             | PL092682.D | 28 Oct 2024 21:24 |  | AR\AJ | Ok,M |
| 33 | P4574-01     | GRAVEL-1         | PL092683.D | 28 Oct 2024 21:38 |  | AR\AJ | Ok,M |
| 34 | P4574-04     | GRAVEL-2         | PL092684.D | 28 Oct 2024 21:51 |  | AR\AJ | Ok,M |
| 35 | P4577-01     | TR-05-102524     | PL092685.D | 28 Oct 2024 22:04 |  | AR\AJ | Ok,M |
| 36 | P4561-01     | BP-F-19          | PL092686.D | 28 Oct 2024 22:18 |  | AR\AJ | Ok,M |
| 37 | P4561-01MS   | BP-F-19MS        | PL092687.D | 28 Oct 2024 22:31 |  | AR\AJ | Ok,M |

Instrument ID: ECD\_L

**Daily Analysis Runlog For Sequence/QC Batch ID # PL102824**

| Review By                | Abdul                                                                                   | Review On         | 10/29/2024 9:09:59 AM              |
|--------------------------|-----------------------------------------------------------------------------------------|-------------------|------------------------------------|
| Supervise By             | Ankita                                                                                  | Supervise On      | 10/29/2024 10:02:30 AM             |
| SubDirectory             | PL102824                                                                                | HP Acquire Method | HP Processing Method pl102824 8081 |
| STD. NAME                | STD REF.#                                                                               |                   |                                    |
| Tune/Reschk              | PP23793,PP23517                                                                         |                   |                                    |
| Initial Calibration Stds | PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683 |                   |                                    |
| CCC                      | PP23686,PP23690,PP23695                                                                 |                   |                                    |
| Internal Standard/PEM    |                                                                                         |                   |                                    |
| ICV/I.BLK                | PP23687,PP23693,PP23698                                                                 |                   |                                    |
| Surrogate Standard       |                                                                                         |                   |                                    |
| MS/MSD Standard          |                                                                                         |                   |                                    |
| LCS Standard             |                                                                                         |                   |                                    |

|    |             |            |            |                   |  |       |      |
|----|-------------|------------|------------|-------------------|--|-------|------|
| 38 | P4561-01MSD | BP-F-19MSD | PL092688.D | 28 Oct 2024 22:44 |  | AR\AJ | Ok,M |
| 39 | P4561-05    | BP-F-18    | PL092689.D | 28 Oct 2024 22:58 |  | AR\AJ | Ok,M |
| 40 | I.BLK       | I.BLK      | PL092690.D | 28 Oct 2024 23:11 |  | AR\AJ | Ok,M |
| 41 | PSTDCCC050  | PSTDCCC050 | PL092691.D | 29 Oct 2024 00:32 |  | AR\AJ | Ok,M |

M : Manual Integration

Instrument ID: ECD\_L

**Daily Analysis Runlog For Sequence/QC Batch ID # PL111324**

|                          |                                                                                         |                   |                               |
|--------------------------|-----------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                  | Review On         | 11/14/2024 11:07:04 AM        |
| Supervise By             | Ankita                                                                                  | Supervise On      | 11/14/2024 11:33:26 AM        |
| SubDirectory             | PL111324                                                                                | HP Acquire Method | HP Processing Method PL102824 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                        |                   |                               |
| Tune/Reschk              | PP23793,PP23517                                                                         |                   |                               |
| Initial Calibration Stds | PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683 |                   |                               |
| CCC                      | PP23686,PP23690,PP23695                                                                 |                   |                               |
| Internal Standard/PEM    |                                                                                         |                   |                               |
| ICV/I.BLK                | PP23687,PP23693,PP23698                                                                 |                   |                               |
| Surrogate Standard       |                                                                                         |                   |                               |
| MS/MSD Standard          |                                                                                         |                   |                               |
| LCS Standard             |                                                                                         |                   |                               |

| Sr# | SampleId    | ClientID          | Data File Name | Date-Time         | Comment                       | Operator | Status   |
|-----|-------------|-------------------|----------------|-------------------|-------------------------------|----------|----------|
| 1   | HEXANE      | HEXANE            | PL093016.D     | 13 Nov 2024 08:25 |                               | AR\AJ    | Ok       |
| 2   | I.BLK       | I.BLK             | PL093017.D     | 13 Nov 2024 08:39 |                               | AR\AJ    | Ok       |
| 3   | PEM         | PEM               | PL093018.D     | 13 Nov 2024 08:52 |                               | AR\AJ    | Ok,M     |
| 4   | PSTDCCC050  | PSTDCCC050        | PL093019.D     | 13 Nov 2024 09:06 |                               | AR\AJ    | Ok,M     |
| 5   | P4791-02RE  | HINCHMAN-OILY-WAT | PL093020.D     | 13 Nov 2024 11:13 | TCMZ fail both column         | AR\AJ    | Confirms |
| 6   | P4793-01    | M00-24-00345      | PL093021.D     | 13 Nov 2024 11:27 | F flag is coming in surrogate | AR\AJ    | Ok,M     |
| 7   | P4807-05    | BF-F14            | PL093022.D     | 13 Nov 2024 11:40 |                               | AR\AJ    | Ok,M     |
| 8   | P4811-01    | RB24008           | PL093023.D     | 13 Nov 2024 11:54 |                               | AR\AJ    | Ok,M     |
| 9   | PB164939BL  | PB164939BL        | PL093024.D     | 13 Nov 2024 12:22 |                               | AR\AJ    | Ok,M     |
| 10  | PB164939BS  | PB164939BS        | PL093025.D     | 13 Nov 2024 12:49 |                               | AR\AJ    | Ok       |
| 11  | P4821-01    | BP-F-24           | PL093026.D     | 13 Nov 2024 13:02 |                               | AR\AJ    | Ok,M     |
| 12  | P4821-05    | BP-F-2            | PL093027.D     | 13 Nov 2024 13:16 |                               | AR\AJ    | Ok,M     |
| 13  | P4821-05MS  | BP-F-2MS          | PL093028.D     | 13 Nov 2024 13:30 |                               | AR\AJ    | Ok,M     |
| 14  | P4821-05MSD | BP-F-2MSD         | PL093029.D     | 13 Nov 2024 13:43 |                               | AR\AJ    | Ok,M     |
| 15  | P4822-02    | SOIL-1            | PL093030.D     | 13 Nov 2024 13:57 |                               | AR\AJ    | Ok,M     |
| 16  | P4822-04    | SOIL-2            | PL093031.D     | 13 Nov 2024 14:10 |                               | AR\AJ    | Ok,M     |
| 17  | P4822-06    | SOIL-3            | PL093032.D     | 13 Nov 2024 14:24 |                               | AR\AJ    | Ok,M     |
| 18  | P4822-08    | SOIL-4            | PL093033.D     | 13 Nov 2024 14:37 |                               | AR\AJ    | Ok,M     |

Instrument ID: ECD\_L

**Daily Analysis Runlog For Sequence/QC Batch ID # PL111324**

|                          |                                                                                         |                   |                               |
|--------------------------|-----------------------------------------------------------------------------------------|-------------------|-------------------------------|
| Review By                | yogesh                                                                                  | Review On         | 11/14/2024 11:07:04 AM        |
| Supervise By             | Ankita                                                                                  | Supervise On      | 11/14/2024 11:33:26 AM        |
| SubDirectory             | PL111324                                                                                | HP Acquire Method | HP Processing Method PL102824 |
| <b>STD. NAME</b>         | <b>STD REF.#</b>                                                                        |                   |                               |
| Tune/Reschk              | PP23793,PP23517                                                                         |                   |                               |
| Initial Calibration Stds | PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683 |                   |                               |
| CCC                      | PP23686,PP23690,PP23695                                                                 |                   |                               |
| Internal Standard/PEM    |                                                                                         |                   |                               |
| ICV/I.BLK                | PP23687,PP23693,PP23698                                                                 |                   |                               |
| Surrogate Standard       |                                                                                         |                   |                               |
| MS/MSD Standard          |                                                                                         |                   |                               |
| LCS Standard             |                                                                                         |                   |                               |

|    |             |                |            |                   |                               |       |        |
|----|-------------|----------------|------------|-------------------|-------------------------------|-------|--------|
| 19 | P4822-10    | SOIL-5         | PL093034.D | 13 Nov 2024 14:51 |                               | AR\AJ | Ok,M   |
| 20 | P4822-12    | SOIL-6         | PL093035.D | 13 Nov 2024 15:04 |                               | AR\AJ | Ok,M   |
| 21 | P4823-01    | MH-4           | PL093036.D | 13 Nov 2024 15:18 |                               | AR\AJ | Ok,M   |
| 22 | PB164939BS  | PB164939BS     | PL093037.D | 13 Nov 2024 15:32 | already analyzed              | AR\AJ | Not Ok |
| 23 | I.BLK       | I.BLK          | PL093038.D | 13 Nov 2024 15:45 |                               | AR\AJ | Ok     |
| 24 | PSTDCCC050  | PSTDCCC050     | PL093039.D | 13 Nov 2024 15:59 |                               | AR\AJ | Ok,M   |
| 25 | PB164960BL  | PB164960BL     | PL093040.D | 13 Nov 2024 17:01 |                               | AR\AJ | Ok     |
| 26 | PB164960BS  | PB164960BS     | PL093041.D | 13 Nov 2024 17:15 | Methoxychlor recovery high    | AR\AJ | Ok,M   |
| 27 | PB164880TB  | PB164880TB     | PL093042.D | 13 Nov 2024 17:28 |                               | AR\AJ | Ok     |
| 28 | P4799-03    | WC-TA2-02-C    | PL093043.D | 13 Nov 2024 17:42 |                               | AR\AJ | Ok,M   |
| 29 | P4799-03MS  | WC-TA2-02-CMS  | PL093044.D | 13 Nov 2024 17:56 | recovery fail in Heptachlor-I | AR\AJ | Ok,M   |
| 30 | P4799-03MSD | WC-TA2-02-CMSD | PL093045.D | 13 Nov 2024 18:09 | recovery fail in Heptachlor-I | AR\AJ | Ok,M   |
| 31 | P4799-07    | WC-TA2-03-C    | PL093046.D | 13 Nov 2024 18:23 |                               | AR\AJ | Ok,M   |
| 32 | P4799-11    | WC-TA1-01-C    | PL093047.D | 13 Nov 2024 18:36 |                               | AR\AJ | Ok,M   |
| 33 | P4799-15    | WC-TA1-02-C    | PL093048.D | 13 Nov 2024 18:50 |                               | AR\AJ | Ok,M   |
| 34 | P4799-19    | WC-TA1-03-C    | PL093049.D | 13 Nov 2024 19:03 |                               | AR\AJ | Ok,M   |
| 35 | I.BLK       | I.BLK          | PL093050.D | 13 Nov 2024 19:17 |                               | AR\AJ | Ok     |
| 36 | PSTDCCC050  | PSTDCCC050     | PL093051.D | 13 Nov 2024 19:30 |                               | AR\AJ | Ok,M   |

M : Manual Integration

SOP ID : M1311-TCLP-15  
SDG No : N/A  
Weigh By : JP  
Balance ID : WC SC-4  
pH Meter ID : WC PH METER-1  
Extraction By : JP  
Filter By : JP  
Pipette ID : WC  
Tumbler ID : T-1 / T-2  
TCLP Filter ID : 114771

Start Prep Date : 11/11/2024 Time : 16:30  
End Prep Date : 11/12/2024 Time : 09:20  
Combination Ratio : 20  
ZHE Cleaning Batch : N/A  
Initial Room Temperature: 23 °C  
Final Room Temperature: 22 °C  
TCLP Technician Signature : *JP*  
Supervisor By : *12*

| Standard Name | MLS USED | STD REF. # FROM LOG |
|---------------|----------|---------------------|
| 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                 |

| Chemical Used        | ML/SAMPLE U | Lot Number                          |
|----------------------|-------------|-------------------------------------|
| TCLP-FLUID-1         | N/A         | WP108622                            |
| HCL-TCLP,1N          | N/A         | WP108584                            |
| HNO3-TCLP,1N         | N/A         | WP108585                            |
| pH Strips            | N/A         | W1931,W1934,W2350,W2755             |
| pH Strips            | N/A         | W1937,W1938,W1939,W1940,W1941,W1942 |
| 1 Liter Amber        | N/A         | 23091                               |
| 120ml Plastic bottle | N/A         | 21029                               |
| 1:1 HNO3             | N/A         | MP83122                             |

**Extraction Conformance/Non-Conformance Comments:**

Matrix spikes are added after filtration and before preservation. Tumbler T-1 / T-2 checked, 30 rpm. P4799-03 is used for MS- MSD. Particle size reduction is not required.

| Date / Time    | Prepped Sample Relinquished By/Location | Received By/Location         |
|----------------|-----------------------------------------|------------------------------|
| 11-12-24 11:00 | <i>JP</i> / <i>TCLP Room</i>            | <i>JP</i> / <i>15A</i>       |
|                | Preparation Group                       | Analysis Group <i>metoif</i> |

| Sample ID  | ClientID    | TCLP Vessel ID | Sample Wt (g) | Volume Extraction Fluid #1 (mL) | Multi phasic | Phase Miscible | Phases Combined | Final Leachate PH | Metals Leachate Adj. PH | Prep Pos |
|------------|-------------|----------------|---------------|---------------------------------|--------------|----------------|-----------------|-------------------|-------------------------|----------|
| P4799-03   | WC-TA2-02-C | 01             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 11.0              | 1.5                     | T-1      |
| P4799-07   | WC-TA2-03-C | 02             | 100.03        | 2000                            | N/A          | N/A            | N/A             | 11.5              | 1.0                     | T-1      |
| P4799-11   | WC-TA1-01-C | 03             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 11.5              | 1.5                     | T-1      |
| P4799-15   | WC-TA1-02-C | 04             | 100.01        | 2000                            | N/A          | N/A            | N/A             | 11.5              | 1.0                     | T-1      |
| P4799-19   | WC-TA1-03-C | 05             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 11.5              | 1.0                     | T-1      |
| P4807-04   | TP-7        | 06             | 100.03        | 2000                            | N/A          | N/A            | N/A             | 5.8               | 1.5                     | T-1      |
| P4807-08   | BF-F14      | 07             | 100.04        | 2000                            | N/A          | N/A            | N/A             | 8.0               | 1.0                     | T-1      |
| P4807-12   | BF-F13      | 08             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 7.2               | 1.5                     | T-1      |
| P4807-16   | TP-6        | 09             | 100.01        | 2000                            | N/A          | N/A            | N/A             | 7.0               | 1.0                     | T-1      |
| P4809-04   | MH-5        | 10             | 100.03        | 2000                            | N/A          | N/A            | N/A             | 7.2               | 1.5                     | T-1      |
| P4813-02   | 417         | 11             | 100.2         | 2000                            | N/A          | N/A            | N/A             | 5.0               | 1.0                     | T-2      |
| P4813-03   | 418         | 12             | 100.01        | 2000                            | N/A          | N/A            | N/A             | 5.0               | 1.5                     | T-2      |
| P4813-05   | 420         | 13             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 5.5               | 1.0                     | T-2      |
| PB164880TB | LEB880      | 14             | N/A           | 2000                            | N/A          | N/A            | N/A             | 4.93              | 1.5                     | T-2      |

| SampleID   | ClientID    | Sample Weight (g) | Filter Weight (g) | Filtrate (mL) | Filter + Solid (After 100°C) | % solids | % Dry Solids |
|------------|-------------|-------------------|-------------------|---------------|------------------------------|----------|--------------|
| P4799-03   | WC-TA2-02-C | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| P4799-07   | WC-TA2-03-C | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| P4799-11   | WC-TA1-01-C | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| P4799-15   | WC-TA1-02-C | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| P4799-19   | WC-TA1-03-C | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| P4807-04   | TP-7        | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| P4807-08   | BF-F14      | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| P4807-12   | BF-F13      | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| P4807-16   | TP-6        | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| P4809-04   | MH-5        | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| P4813-02   | 417         | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| P4813-03   | 418         | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| P4813-05   | 420         | N/A               | N/A               | N/A           | N/A                          | 100      | N/A          |
| PB164880TB | LEB880      | N/A               | N/A               | N/A           | N/A                          | N/A      | N/A          |

Hot Block ID : WC S-1 /WC S-2

Thermometer ID : FLASHPOINT

| SampleID   | ClientID    | Sample Weight (g) | Volume DI Water (mL) | PH after 5 min stir | PH after 10 min stir | Extraction Fluid 1 or 2 | pH Extraction Fluid |
|------------|-------------|-------------------|----------------------|---------------------|----------------------|-------------------------|---------------------|
| P4799-03   | WC-TA2-02-C | 5.02              | 96.5                 | 11.5                | 4.0                  | #1                      | 4.93                |
| P4799-07   | WC-TA2-03-C | 5.01              | 96.5                 | 12.0                | 4.5                  | #1                      | 4.93                |
| P4799-11   | WC-TA1-01-C | 5.03              | 96.5                 | 12.0                | 4.5                  | #1                      | 4.93                |
| P4799-15   | WC-TA1-02-C | 5.04              | 96.5                 | 12.0                | 4.5                  | #1                      | 4.93                |
| P4799-19   | WC-TA1-03-C | 5.03              | 96.5                 | 12.5                | 4.5                  | #1                      | 4.93                |
| P4807-04   | TP-7        | 5.02              | 96.5                 | 8.2                 | 3.0                  | #1                      | 4.93                |
| P4807-08   | BF-F14      | 5.03              | 96.5                 | 9.4                 | 3.5                  | #1                      | 4.93                |
| P4807-12   | BF-F13      | 5.03              | 96.5                 | 9.0                 | 3.5                  | #1                      | 4.93                |
| P4807-16   | TP-6        | 5.02              | 96.5                 | 9.2                 | 3.5                  | #1                      | 4.93                |
| P4809-04   | MH-5        | 5.01              | 96.5                 | 9.5                 | 4.0                  | #1                      | 4.93                |
| P4813-02   | 417         | 5.02              | 96.5                 | 6.2                 | 2.5                  | #1                      | 4.93                |
| P4813-03   | 418         | 5.03              | 96.5                 | 6.2                 | 3.0                  | #1                      | 4.93                |
| P4813-05   | 420         | 5.04              | 96.5                 | 6.0                 | 2.5                  | #1                      | 4.93                |
| PB164880TB | LEB880      | N/A               | N/A                  | N/A                 | N/A                  | #1                      | 4.93                |

# WORKLIST(Hardcopy Internal Chain)

WorkList Name : tcip p4807

WorkList ID : 185330

Department : TCLP Extraction

Date : 11-11-2024 12:38:19

| Sample   | Customer Sample | Matrix | Test            | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|----------|-----------------|--------|-----------------|--------------|----------|-----------------------------|--------------|--------|
| P4799-03 | WC-TA2-02-C     | Solid  | TCLP Extraction | Cool 4 deg C | ENTA05   | L31                         | 10/30/2024   | 1311   |
| P4799-07 | WC-TA2-03-C     | Solid  | TCLP Extraction | Cool 4 deg C | ENTA05   | L31                         | 11/01/2024   | 1311   |
| P4799-11 | WC-TA1-01-C     | Solid  | TCLP Extraction | Cool 4 deg C | ENTA05   | L31                         | 11/04/2024   | 1311   |
| P4799-15 | WC-TA1-02-C     | Solid  | TCLP Extraction | Cool 4 deg C | ENTA05   | L31                         | 11/05/2024   | 1311   |
| P4799-19 | WC-TA1-03-C     | Solid  | TCLP Extraction | Cool 4 deg C | ENTA05   | L31                         | 11/06/2024   | 1311   |
| P4807-04 | TP-7            | Solid  | TCLP Extraction | Cool 4 deg C | PSEG03   | L21                         | 11/09/2024   | 1311   |
| P4807-08 | BF-F14          | Solid  | TCLP Extraction | Cool 4 deg C | PSEG03   | L21                         | 11/09/2024   | 1311   |
| P4807-12 | BF-F13          | Solid  | TCLP Extraction | Cool 4 deg C | PSEG03   | L21                         | 11/09/2024   | 1311   |
| P4807-16 | TP-6            | Solid  | TCLP Extraction | Cool 4 deg C | PSEG03   | L21                         | 11/09/2024   | 1311   |
| P4809-04 | MH-5            | Solid  | TCLP Extraction | Cool 4 deg C | PSEG03   | L41                         | 11/11/2024   | 1311   |
| P4813-02 | 417             | Solid  | TCLP Extraction | Cool 4 deg C | PSEG03   | L31                         | 11/11/2024   | 1311   |
| P4813-03 | 418             | Solid  | TCLP Extraction | Cool 4 deg C | PSEG03   | L31                         | 11/11/2024   | 1311   |
| P4813-05 | 420             | Solid  | TCLP Extraction | Cool 4 deg C | PSEG03   | L31                         | 11/11/2024   | 1311   |

Date/Time 11-11-24 16:10  
 Raw Sample Received by: J8 WSC  
 Raw Sample Relinquished by: RJ CETA-1960

Date/Time 11-11-24 18:00  
 Raw Sample Received by: RJ CETA-1960  
 Raw Sample Relinquished by: J8 WSC

SOP ID: M3510C,3580A-Extraction Pesticide-16

Clean Up SOP #: N/A

Matrix: Water

Weight By: RJ

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 4,6,7

Extraction Start Date: 11/12/2024

Extraction Start Time: 12:20

Extraction End Date: 11/12/2024

Extraction End Time: 17:25

Concentration By: EH

Supervisor By: rajesh

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             | PP23928             |
| Surrogate     | 1.0ML    | 200 PPB             | PP23858             |
| 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 |
|--------------------|----------------|------------|
| Methylene Chloride | N/A            | e3828      |
| Baked Na2SO4       | N/A            | EP2557     |
| Hexane             | N/A            | e3826      |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |
| N/A                | N/A            | N/A        |

## Extraction Conformance/Non-Conformance Comments:

40 ML Vial lot# 03-40 BTS721.

KD Bath ID: Water bath -01,02

KD Bath Temperature: 60 °C

Envap ID: NEVAP-02

Envap Temperature: 40 °C

| Date / Time | Prepped Sample Relinquished By/Location | Received By/Location |
|-------------|-----------------------------------------|----------------------|
| 11/12/24    | RP (Ext Lab)                            | AJ11457 PCB Carb     |
| 17:30       | Preparation Group                       | Analysis Group       |

Analytical Method: M3510C,3580A-Extraction Pesticide-16

Concentration Date: 11/12/2024

| Sample ID       | Client Sample ID | Test           | g / mL | PH | Surr/Spike By: |            | Final Vol.<br>(mL) | JarID | Comments | Prep<br>Pos |
|-----------------|------------------|----------------|--------|----|----------------|------------|--------------------|-------|----------|-------------|
|                 |                  |                |        |    | AddedBy        | VerifiedBy |                    |       |          |             |
| PB164880TB      | PB164880TB       | TCLP Pesticide | 100    | 6  | RUPESH         | rajesh     | 10                 |       |          | SEP-01      |
| PB164960BL      | PBLK960          | TCLP Pesticide | 1000   | 6  | RUPESH         | rajesh     | 10                 |       |          | 2           |
| PB164960BS      | PLCS960          | TCLP Pesticide | 1000   | 6  | RUPESH         | rajesh     | 10                 |       |          | 3           |
| P4799-03        | WC-TA2-02-C      | TCLP Pesticide | 100    | 6  | RUPESH         | rajesh     | 10                 | A     |          | 4           |
| P4799-03MS      | WC-TA2-02-CMS    | TCLP Pesticide | 100    | 6  | RUPESH         | rajesh     | 10                 | A     |          | 5           |
| P4799-03MS<br>D | WC-TA2-02-CMSD   | TCLP Pesticide | 100    | 6  | RUPESH         | rajesh     | 10                 | A     |          | 6           |
| P4799-07        | WC-TA2-03-C      | TCLP Pesticide | 100    | 6  | RUPESH         | rajesh     | 10                 | A     |          | 7           |
| P4799-11        | WC-TA1-01-C      | TCLP Pesticide | 100    | 6  | RUPESH         | rajesh     | 10                 | A     |          | 8           |
| P4799-15        | WC-TA1-02-C      | TCLP Pesticide | 100    | 6  | RUPESH         | rajesh     | 10                 | A     |          | 9           |
| P4799-19        | WC-TA1-03-C      | TCLP Pesticide | 100    | 6  | RUPESH         | rajesh     | 10                 | A     |          | 10          |

\* Extracts relinquished on the same date as received.

11/12/24

| Sample ID  | ClientID    | TCLP Vessel ID | Sample Wt (g) | Volume Extraction Fluid #1 (mL) | Multi phasic | Phase Miscible | Phases Combined | Final Leachate PH | Metals Leachate Adj. PH | Prep Pos |
|------------|-------------|----------------|---------------|---------------------------------|--------------|----------------|-----------------|-------------------|-------------------------|----------|
| P4799-03   | WC-TA2-02-C | 01             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 11.0              | 1.5                     | T-1      |
| P4799-07   | WC-TA2-03-C | 02             | 100.03        | 2000                            | N/A          | N/A            | N/A             | 11.5              | 1.0                     | T-1      |
| P4799-11   | WC-TA1-01-C | 03             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 11.5              | 1.5                     | T-1      |
| P4799-15   | WC-TA1-02-C | 04             | 100.01        | 2000                            | N/A          | N/A            | N/A             | 11.5              | 1.0                     | T-1      |
| P4799-19   | WC-TA1-03-C | 05             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 11.5              | 1.0                     | T-1      |
| P4807-04   | TP-7        | 06             | 100.03        | 2000                            | N/A          | N/A            | N/A             | 5.8               | 1.5                     | T-1      |
| P4807-08   | BF-F14      | 07             | 100.04        | 2000                            | N/A          | N/A            | N/A             | 8.0               | 1.0                     | T-1      |
| P4807-12   | BF-F13      | 08             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 7.2               | 1.5                     | T-1      |
| P4807-16   | TP-6        | 09             | 100.01        | 2000                            | N/A          | N/A            | N/A             | 7.0               | 1.0                     | T-1      |
| P4809-04   | MH-5        | 10             | 100.03        | 2000                            | N/A          | N/A            | N/A             | 7.2               | 1.5                     | T-1      |
| P4813-02   | 417         | 11             | 100.2         | 2000                            | N/A          | N/A            | N/A             | 5.0               | 1.0                     | T-2      |
| P4813-03   | 418         | 12             | 100.01        | 2000                            | N/A          | N/A            | N/A             | 5.0               | 1.5                     | T-2      |
| P4813-05   | 420         | 13             | 100.02        | 2000                            | N/A          | N/A            | N/A             | 5.5               | 1.0                     | T-2      |
| PB164880TB | LEB880      | 14             | N/A           | 2000                            | N/A          | N/A            | N/A             | 4.93              | 1.5                     | T-2      |

11/12/2025

11:00

## Prep Standard - Chemical Standard Summary

**Order ID :** P4799

**Test :** TCLP Pesticide

**Prepbatch ID :** PB164960,

**Sequence ID/Qc Batch ID:** PL111324,

**Standard ID :**

EP2557,PP23517,PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,P  
P23683,PP23686,PP23687,PP23690,PP23693,PP23695,PP23698,PP23733,PP23793,PP23858,PP23928,

**Chemical ID :**

E3551,E3770,E3792,E3805,E3815,E3818,e3826,e3828,P11146,P11896,P13036,P13039,P13244,P13349,P13350,P13  
351,P13359,P13402,

## Extractions STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>          | <u>NO.</u>             | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u>                      | <u>PipetteID</u> | <u>Supervised By</u>            |
|------------------|----------------------|------------------------|------------------|------------------------|--------------------|-------------------------------------|------------------|---------------------------------|
| 3923             | Baked Sodium Sulfate | <a href="#">EP2557</a> | 11/10/2024       | 01/03/2025             | RUPESHKUMAR SHAH   | Extraction_SC<br>ALE_2<br>(EX-SC-2) | None             | Rajesh Parikh<br><br>11/10/2024 |

**FROM** 4000.00000gram of E3551 = Final Quantity: 4000.000 gram

| <u>Recipe ID</u> | <u>NAME</u>                             | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u>             |
|------------------|-----------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------------------|
| 4027             | Pesticide resolution Check Mixture 8081 | <a href="#">PP23517</a> | 07/12/2024       | 01/12/2025             | Abdul Mirza        | None           | None             | Ankita Jodhani<br><br>07/16/2024 |

**FROM** 1.00000ml of E3770 + 99.00000ml of P13244 = Final Quantity: 100.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                     | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|---------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 84               | Pest/PCB Surrogate Stock 20 PPM | <a href="#">PP23673</a> | 09/21/2024       | 03/11/2025             | Abdul Mirza        | None           | None             | Ankita Jodhani       |
|                  |                                 |                         |                  |                        |                    |                |                  | 10/01/2024           |

**FROM** 1.00000ml of P13349 + 9.00000ml of E3792 = Final Quantity: 10.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                                   | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-----------------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3629             | 20 PPM PEST stock Solution 1st source(RESTEK) | <a href="#">PP23674</a> | 09/21/2024       | 03/11/2025             | Abdul Mirza        | None           | None             | Ankita Jodhani       |
|                  |                                               |                         |                  |                        |                    |                |                  | 10/01/2024           |

**FROM** 1.00000ml of P13036 + 9.00000ml of E3792 = Final Quantity: 10.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                           | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|---------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1472             | 20 PPM Pest Stock Solution 2nd Source | <a href="#">PP23675</a> | 09/21/2024       | 03/11/2025             | Abdul Mirza        | None           | None             | Ankita Jodhani       |
|                  |                                       |                         |                  |                        |                    |                |                  | 10/01/2024           |

**FROM** 1.00000ml of P13039 + 9.00000ml of E3792 = Final Quantity: 10.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                         | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 1273             | 20 PPM Mirex Stock (Primary Source) | <a href="#">PP23676</a> | 09/21/2024       | 03/11/2025             | Abdul Mirza        | None           | None             | Ankita Jodhani       |
|                  |                                     |                         |                  |                        |                    |                |                  | 10/01/2024           |

**FROM** 0.20000ml of P11146 + 9.80000ml of E3792 = Final Quantity: 10.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                                  | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|----------------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3663             | 20 PPM MIREX Stock STD<br>(Secondary source) | <a href="#">PP23677</a> | 09/21/2024       | 03/11/2025             | Abdul Mirza        | None           | None             | Ankita Jodhani       |
|                  |                                              |                         |                  |                        |                    |                |                  | 10/01/2024           |

**FROM** 0.20000ml of P11146 + 9.80000ml of E3792 = Final Quantity: 10.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                                        | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|----------------------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3630             | 100/100 PPB PEST Working<br>std.1st Source(RESTEK) | <a href="#">PP23678</a> | 09/21/2024       | 03/11/2025             | Abdul Mirza        | None           | None             | Ankita Jodhani       |
|                  |                                                    |                         |                  |                        |                    |                |                  | 10/01/2024           |

**FROM** 98.50000ml of E3792 + 0.50000ml of PP23673 + 0.50000ml of PP23674 + 0.50000ml of PP23676 = Final Quantity: 100.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                                       | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|---------------------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 80               | 100/100 PPB Pesticide Working Solution 2nd Source | <a href="#">PP23679</a> | 09/21/2024       | 03/11/2025             | Abdul Mirza        | None           | None             | Ankita Jodhani       |
|                  |                                                   |                         |                  |                        |                    |                |                  | 10/01/2024           |

**FROM** 98.50000ml of E3792 + 0.50000ml of PP23673 + 0.50000ml of PP23675 + 0.50000ml of PP23677 = Final Quantity: 100.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                         | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 386              | 1000/100 PPB Chlordane STD (Restek) | <a href="#">PP23680</a> | 09/21/2024       | 03/11/2025             | Abdul Mirza        | None           | None             | Ankita Jodhani       |
|                  |                                     |                         |                  |                        |                    |                |                  | 10/01/2024           |

**FROM** 0.10000ml of P11896 + 99.40000ml of E3792 + 0.50000ml of PP23673 = Final Quantity: 100.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                                     | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3746             | 1000/100 ppb Chlordane<br>STD-RESTEK 2ND SOURCE | <a href="#">PP23681</a> | 09/21/2024       | 03/11/2025             | Abdul Mirza        | None           | None             | Ankita Jodhani       |
|                  |                                                 |                         |                  |                        |                    |                |                  | 10/01/2024           |

**FROM** 0.10000ml of P11896 + 99.40000ml of E3792 + 0.50000ml of PP23673 = Final Quantity: 100.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                            | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|----------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 383              | 1000/100 PPB Toxaphene STD<br>(Restek) | <a href="#">PP23682</a> | 09/21/2024       | 03/11/2025             | Abdul Mirza        | None           | None             | Ankita Jodhani       |
|                  |                                        |                         |                  |                        |                    |                |                  | 10/01/2024           |

**FROM** 0.10000ml of P13359 + 99.40000ml of E3792 + 0.50000ml of PP23673 = Final Quantity: 100.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                                       | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|---------------------------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3669             | 1000/100 PPB TOXAPHENE STD<br>2nd source (RESTEK) | <a href="#">PP23683</a> | 09/21/2024       | 03/11/2025             | Abdul Mirza        | None           | None             | Ankita Jodhani       |
|                  |                                                   |                         |                  |                        |                    |                |                  | 10/01/2024           |

**FROM** 0.10000ml of P13402 + 99.40000ml of E3792 + 0.50000ml of PP23673 = Final Quantity: 100.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                     | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|---------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3632             | 50 PPB ICAL PEST<br>STD(RESTEK) | <a href="#">PP23686</a> | 09/21/2024       | 03/11/2025             | Abdul Mirza        | None           | None             | Ankita Jodhani       |
|                  |                                 |                         |                  |                        |                    |                |                  | 10/01/2024           |

**FROM** 0.50000ml of E3792 + 0.50000ml of PP23678 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                 | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-----------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3988             | 50 PPB PEST ICV STD(RESTEK) | <a href="#">PP23687</a> | 09/21/2024       | 03/11/2025             | Abdul Mirza        | None           | None             | Ankita Jodhani       |
|                  |                             |                         |                  |                        |                    |                |                  | 10/01/2024           |

**FROM** 0.50000ml of E3792 + 0.50000ml of PP23679 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>       | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 529              | CHLOR 500 PPB STD | <a href="#">PP23690</a> | 09/21/2024       | 03/11/2025             | Abdul Mirza        | None           | None             | Ankita Jodhani       |
|                  |                   |                         |                  |                        |                    |                |                  | 10/01/2024           |

**FROM** 0.50000ml of E3792 + 0.50000ml of PP23680 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>           | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-----------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 532              | CHLOR 500 PPB ICV STD | <a href="#">PP23693</a> | 09/21/2024       | 03/11/2025             | Abdul Mirza        | None           | None             | Ankita Jodhani       |
|                  |                       |                         |                  |                        |                    |                |                  | 10/01/2024           |

**FROM** 0.50000ml of E3792 + 0.50000ml of PP23681 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>     | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-----------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 534              | TOX 500 PPB STD | <a href="#">PP23695</a> | 09/21/2024       | 03/11/2025             | Abdul Mirza        | None           | None             | Ankita Jodhani       |
|                  |                 |                         |                  |                        |                    |                |                  | 10/01/2024           |

**FROM** 0.50000ml of E3792 + 0.50000ml of PP23682 = Final Quantity: 1.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>                   | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 3670             | TOX 500 PPB ICV std ( RESTEK) | <a href="#">PP23698</a> | 09/21/2024       | 03/11/2025             | Abdul Mirza        | None           | None             | Ankita Jodhani       |
|                  |                               |                         |                  |                        |                    |                |                  | 10/01/2024           |

**FROM** 0.50000ml of E3792 + 0.50000ml of PP23683 = Final Quantity: 1.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                     | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|---------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 84               | Pest/PCB Surrogate Stock 20 PPM | <a href="#">PP23733</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                                 |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 1.00000ml of P13350 + 9.00000ml of E3805 = Final Quantity: 10.000 ml

## Pest/Pcb STANDARD PREPARATION LOG

| <u>Recipe ID</u> | <u>NAME</u>           | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|-----------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 518              | Pest/PCB I.BLK 20 PPB | <a href="#">PP23793</a> | 10/03/2024       | 03/30/2025             | Ankita Jodhani     | None           | None             | Yogesh Patel         |
|                  |                       |                         |                  |                        |                    |                |                  | 10/03/2024           |

**FROM** 99.90000ml of E3805 + 0.10000ml of PP23733 = Final Quantity: 100.000 ml

| <u>Recipe ID</u> | <u>NAME</u>                      | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> |
|------------------|----------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|----------------------|
| 465              | 200 PPB Pest/PCB Surrogate Spike | <a href="#">PP23858</a> | 10/14/2024       | 04/04/2025             | Abdul Mirza        | None           | None             | Ankita Jodhani       |
|                  |                                  |                         |                  |                        |                    |                |                  | 10/14/2024           |

**FROM** 1.00000ml of P13351 + 999.00000ml of E3815 = Final Quantity: 1000.000 ml



| <u>Recipe ID</u>                                                                                                  | <u>NAME</u>                      | <u>NO.</u>              | <u>Prep Date</u> | <u>Expiration Date</u> | <u>Prepared By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u>         |
|-------------------------------------------------------------------------------------------------------------------|----------------------------------|-------------------------|------------------|------------------------|--------------------|----------------|------------------|------------------------------|
| 79                                                                                                                | 500 PPB Pesticide Spike Solution | <a href="#">PP23928</a> | 10/30/2024       | 03/11/2025             | Abdul Mirza        | None           | None             | Ankita Jodhani<br>10/30/2024 |
| <b><u>FROM</u></b> 95.00000ml of E3818 + 2.50000ml of PP23675 + 2.50000ml of PP23677 = Final Quantity: 100.000 ml |                                  |                         |                  |                        |                    |                |                  |                              |

## CHEMICAL RECEIPT LOG BOOK

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

| Supplier         | ItemCode / ItemName                       | Lot #      | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|------------------|-------------------------------------------|------------|-----------------|-------------------------|-----------------------------|----------------|
| Seidler Chemical | BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L) | 24C1862008 | 05/09/2025      | 07/12/2024 / Rajesh     | 07/02/2024 / Rajesh         | E3770          |

| Supplier         | ItemCode / ItemName                       | Lot #      | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|------------------|-------------------------------------------|------------|-----------------|-------------------------|-----------------------------|----------------|
| Seidler Chemical | BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L) | 24C1862008 | 03/11/2025      | 09/12/2024 / Rajesh     | 09/11/2024 / Rajesh         | E3792          |

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

| Supplier         | ItemCode / ItemName                        | Lot #      | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|------------------|--------------------------------------------|------------|-----------------|-------------------------|-----------------------------|----------------|
| Seidler Chemical | BA-9254-03 / Acetone, Ultra Resi (cs/4x4L) | 24H1462005 | 04/04/2025      | 10/04/2024 / Rajesh     | 10/04/2024 / Rajesh         | E3815          |

| Supplier         | ItemCode / ItemName                        | Lot #      | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|------------------|--------------------------------------------|------------|-----------------|-------------------------|-----------------------------|----------------|
| Seidler Chemical | BA-9254-03 / Acetone, Ultra Resi (cs/4x4L) | 24H1462005 | 04/23/2025      | 10/23/2024 / Rajesh     | 10/09/2024 / Rajesh         | E3818          |

## CHEMICAL RECEIPT LOG BOOK

| Supplier         | ItemCode / ItemName                       | Lot #      | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|------------------|-------------------------------------------|------------|-----------------|-------------------------|-----------------------------|----------------|
| Seidler Chemical | BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L) | 24G1962003 | 05/09/2025      | 11/09/2024 / Rajesh     | 11/07/2024 / Rajesh         | E3826          |

| Supplier         | ItemCode / ItemName                                         | Lot #      | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|------------------|-------------------------------------------------------------|------------|-----------------|-------------------------|-----------------------------|----------------|
| Seidler Chemical | BA-9644-A4 / Methylene Chloride,U-Resi, Cycle-Tainer (215L) | 24G0862003 | 05/09/2025      | 11/09/2024 / Rajesh     | 11/04/2024 / Rajesh         | E3828          |

| Supplier                 | ItemCode / ItemName       | Lot #  | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|--------------------------|---------------------------|--------|-----------------|-------------------------|-----------------------------|----------------|
| Absolute Standards, Inc. | 79136 / Mirex, 1000 ug/ml | 102821 | 03/21/2025      | 09/21/2024 / Abdul      | 10/29/2021 / Abdul          | P11146         |

| Supplier | ItemCode / ItemName    | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 32021 / Chlordane Std. | A0181737 | 03/21/2025      | 09/21/2024 / Abdul      | 06/17/2022 / Abdul          | P11896         |

| Supplier | ItemCode / ItemName                                                                             | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|-------------------------------------------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 32291 / Pesticide Mix, CLP method, organochlorine Std AB#1, 200ug/mL, hexane/toluene, 1mL/ampul | A0200423 | 03/21/2025      | 09/21/2024 / Abdul      | 12/26/2023 / Abdul          | P13036         |

| Supplier | ItemCode / ItemName                                                                             | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|-------------------------------------------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 32291 / Pesticide Mix, CLP method, organochlorine Std AB#1, 200ug/mL, hexane/toluene, 1mL/ampul | A0199099 | 03/21/2025      | 09/21/2024 / Abdul      | 12/26/2023 / Abdul          | P13039         |

## CHEMICAL RECEIPT LOG BOOK

| Supplier                 | ItemCode / ItemName                             | Lot #  | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|--------------------------|-------------------------------------------------|--------|-----------------|-------------------------|-----------------------------|----------------|
| Absolute Standards, Inc. | 19161 / 8081 pesticide resolution check mixture | 013124 | 01/12/2025      | 07/12/2024 / Abdul      | 02/09/2024 / Abdul          | P13244         |

| Supplier | ItemCode / ItemName                                                                | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|------------------------------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL | A0206810 | 03/21/2025      | 09/21/2024 / Abdul      | 04/22/2024 / Abdul          | P13349         |

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

| Supplier | ItemCode / ItemName                                                                | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|------------------------------------------------------------------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL | A0206810 | 04/14/2025      | 10/14/2024 / Abdul      | 04/22/2024 / Abdul          | P13351         |

| Supplier | ItemCode / ItemName        | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|----------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 32005 / Toxaphene Standard | A0203830 | 03/21/2025      | 09/21/2024 / Abdul      | 05/03/2024 / Abdul          | P13359         |

| Supplier | ItemCode / ItemName        | Lot #    | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|----------------------------|----------|-----------------|-------------------------|-----------------------------|----------------|
| Restek   | 32005 / Toxaphene Standard | A0203038 | 03/21/2025      | 09/21/2024 / Abdul      | 05/15/2024 / Abdul          | P13402         |



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

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

## CERTIFICATE OF ANALYSIS

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

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

### COMMENTS

QC: PhC Irma Belmares

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

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

RC-02-01, Ed. 3

Acetone

BAKER RESI-ANALYZED® Reagent

For Organic Residue Analysis

avantor™



Material No.: 9254-03

Batch No.: 23H1462005

Manufactured Date: 2023-07-26

Expiration Date: 2026-07-25

Revision No.: 0

## Certificate of Analysis

| Test                                                                    | Specification | Result      |
|-------------------------------------------------------------------------|---------------|-------------|
| Assay ((CH <sub>3</sub> ) <sub>2</sub> CO) (by GC, corrected for water) | ≥ 99.4 %      | 99.7 %      |
| Color (APHA)                                                            | ≤ 10          | 5           |
| Residue after Evaporation                                               | ≤ 1.0 ppm     | 0.3 ppm     |
| Substances Reducing Permanganate                                        | Passes Test   | Passes Test |
| Titration Acid (μeq/g)                                                  | ≤ 0.3         | 0.1         |
| Titration Base (μeq/g)                                                  | ≤ 0.6         | < 0.1       |
| Water (H <sub>2</sub> O)                                                | ≤ 0.5 %       | 0.3 %       |
| FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)    | ≤ 5           | < 1         |
| ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)    | ≤ 10          | 1           |

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

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

Recd. by RP on 7/21/24

E 3769

Ken Koehnlein  
Sr. Manager, Quality Assurance

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

Avantor™



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

## Certificate of Analysis

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

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

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

Recd by RP on 09/11/24

E 3192

Jamie Croak  
Director Quality Operations, Bioscience Production

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

Avantor™



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

## Certificate of Analysis

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

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

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

Recd. by RP on 9/25/24

E 3805

Jamie Croak  
Director Quality Operations, Bioscience Production

Acetone  
BAKER RESI-ANALYZED® Reagent  
For Organic Residue Analysis



Material No.: 9254-03  
Batch No.: 24H1462005  
Manufactured Date: 2024-05-24  
Expiration Date: 2027-05-24  
Revision No.: 0

## Certificate of Analysis

| Test                                                                    | Specification | Result      |
|-------------------------------------------------------------------------|---------------|-------------|
| Assay ((CH <sub>3</sub> ) <sub>2</sub> CO) (by GC, corrected for water) | >= 99.4 %     | 99.8 %      |
| Color (APHA)                                                            | <= 10         | 5           |
| Residue after Evaporation                                               | <= 1.0 ppm    | 0.2 ppm     |
| Substances Reducing Permanganate                                        | Passes Test   | Passes Test |
| Titration Acid (μeq/g)                                                  | <= 0.3        | 0.2         |
| Titration Base (μeq/g)                                                  | <= 0.6        | <0.1        |
| Water (H <sub>2</sub> O)                                                | <= 0.5 %      | 0.2 %       |
| FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)    | <= 5          | <1          |
| ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)    | <= 10         | 1           |

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

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

E3815

Jamie Croak  
Director Quality Operations, Bioscience Production

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

Avantor Performance Materials, LLC

100 Matsonford Rd, Suite 200, Radnor, PA, 19087, U.S.A. Phone 610.386.1700

Acetone  
BAKER RESI-ANALYZED® Reagent  
For Organic Residue Analysis

avantor



Material No.: 9254-03  
Batch No.: 24H1462005  
Manufactured Date: 2024-05-24  
Expiration Date: 2027-05-24  
Revision No.: 0

## Certificate of Analysis

| Test                                                                    | Specification | Result      |
|-------------------------------------------------------------------------|---------------|-------------|
| Assay ((CH <sub>3</sub> ) <sub>2</sub> CO) (by GC, corrected for water) | >= 99.4 %     | 99.8 %      |
| Color (APHA)                                                            | <= 10         | 5           |
| Residue after Evaporation                                               | <= 1.0 ppm    | 0.2 ppm     |
| Substances Reducing Permanganate                                        | Passes Test   | Passes Test |
| Titration Acid (µeq/g)                                                  | <= 0.3        | 0.2         |
| Titration Base (µeq/g)                                                  | <= 0.6        | <0.1        |
| Water (H <sub>2</sub> O)                                                | <= 0.5 %      | 0.2 %       |
| FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)    | <= 5          | <1          |
| ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)    | <= 10         | 1           |

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

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

Recd by RP on 10/9/24

E 3818

*J. Croak*

Jamie Croak  
Director Quality Operations, Bioscience Production

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

Avantor Performance Materials, LLC

100 Matsonford Rd, Suite 200, Radnor, PA, 19087, U.S.A. Phone 610.386.1700

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



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

## Certificate of Analysis

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

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

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

E 3826

Rec'd by RP on 11/7/24

Jamie Croak  
Director Quality Operations, Bioscience Production

Methylene Chloride  
ULTRA RESI-ANALYZED  
For Organic Residue Analysis  
(dichloromethane)

 **avantor**™



Material No.: 9266-A4

Batch No.: 24J0862003

Manufactured Date: 2024-09-12

Expiration Date: 2025-12-12

Revision No.: 0

## Certificate of Analysis

| Test                                                                                       | Specification  | Result     |
|--------------------------------------------------------------------------------------------|----------------|------------|
| FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)                       | $\leq 5$       | 2          |
| ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)                        | $\leq 10$      | 1          |
| Assay ( $\text{CH}_2\text{Cl}_2$ ) (by GC, exclusive of preservative, corrected for water) | $\geq 99.8\%$  | 100.0 %    |
| Color (APHA)                                                                               | $\leq 10$      | 5          |
| Residue after Evaporation                                                                  | $\leq 1.0$ ppm | 0.2 ppm    |
| Titration Acid ( $\mu\text{eq/g}$ )                                                        | $\leq 0.3$     | $< 0.1$    |
| Chloride (Cl)                                                                              | $\leq 10$ ppm  | $< 5$ ppm  |
| Water (by KF, coulometric)                                                                 | $\leq 0.02\%$  | $< 0.01\%$ |

For Laboratory, Research, or Manufacturing Use

MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States

Packaging Site: Phillipsburg Mfg Ctr & DC

E 3828



Jamie Croak  
Director Quality Operations, Bioscience Production

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

Avantor Performance Materials LLC



# CERTIFIED REFERENCE MATERIAL

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

www.restek.com

## Certificate of Analysis



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

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

Catalog No.: 32021 Lot No.: A0181737  
Description: Chlordane Standard  
Chlordane Standard 1000µg/mL, Hexane, 1mL/ampul  
Container Size: 2 mL Pkg Amt: > 1 mL  
Expiration Date: May 31, 2028 Storage: 10°C or colder  
Ship: Ambient

### CERTIFIED VALUES

| Elution Order | Compound                                                | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2)                                                       |
|---------------|---------------------------------------------------------|-----------------------------|--------------------------------------------------------------------------------------------|
| 1             | Chlordane<br>CAS # 57-74-9 (Lot 978545)<br>Purity ----% | 1,006.0 µg/mL               | +/- 5.9753 µg/mL Gravimetric<br>+/- 31.8975 µg/mL Unstressed<br>+/- 41.6615 µg/mL Stressed |

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

#### Tech Tips:

CAS #57-74-9 nomenclature is based on EPA method 8081B.

P 11892  
↓  
P 11896  
5

06/17/2022

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

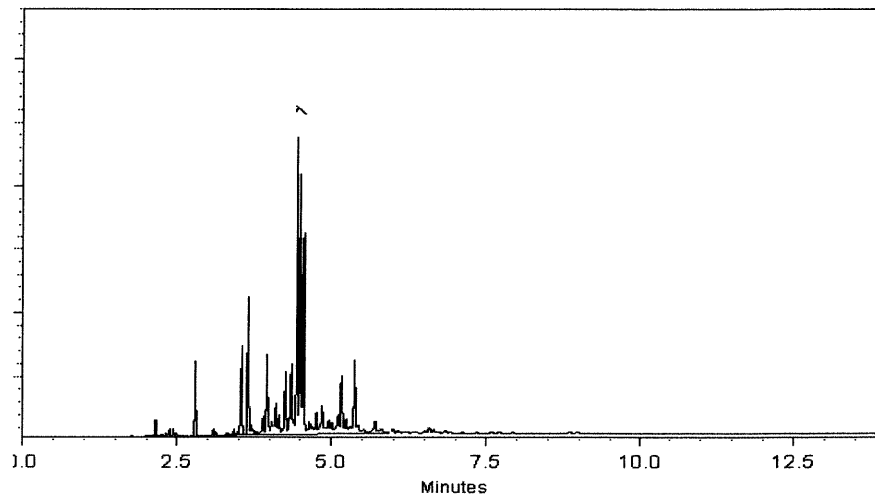
**Carrier Gas:**  
helium-constant pressure 20 psi.

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

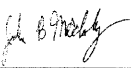
**Inj. Temp:**  
250°C

**Det. Temp:**  
300°C

**Det. Type:**  
ECD

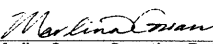


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

  
Josh McCloskey - Operations Technician I

**Date Mixed:** 11-Feb-2022

**Balance:** B442140311

  
Marlene Cowan - Operations Tech I

**Date Passed:** 24-Feb-2022

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

P 11892 / (5)  
↓  
P 11896 / 1

  
06/17/2022



110 Benner Circle  
Bellefonte, PA 16823-8812  
Tel: 1-814-353-1300  
Fax: 1-814-353-1309

www.restek.com

## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

chromatographic plus



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

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

Catalog No. : 32291 Lot No.: A0199099

Description : Organochlorine Pesticide Mix AB #1

Organochlorine Pesticide Mix AB #1 200µg/mL, Hexane/Toluene(50:50), 1mL/ampul

Container Size : 2 mL Pkg Amt: > 1 mL

Expiration Date : June 30, 2027 Storage: 10°C or colder

Ship: Ambient

P130397 5  
↓  
P13043 1  
✓  
12-26-2023

### CERTIFIED VALUES

| Elution Order | Compound                      | CAS #      | Lot #      | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---------------|-------------------------------|------------|------------|--------|-----------------------------|----------------------------------------|
| 1             | alpha-BHC                     | 319-84-6   | 14434500   | 99%    | 200.0 µg/mL                 | +/- 8.9732                             |
| 2             | gamma-BHC (Lindane)           | 58-89-9    | 14184400   | 98%    | 200.1 µg/mL                 | +/- 8.9762                             |
| 3             | beta-BHC                      | 319-85-7   | BCCC6425   | 99%    | 200.3 µg/mL                 | +/- 8.9844                             |
| 4             | delta-BHC                     | 319-86-8   | 14450800   | 98%    | 200.0 µg/mL                 | +/- 8.9740                             |
| 5             | Heptachlor                    | 76-44-8    | 813251     | 99%    | 200.1 µg/mL                 | +/- 8.9754                             |
| 6             | Aldrin                        | 309-00-2   | 14389400   | 98%    | 200.0 µg/mL                 | +/- 8.9718                             |
| 7             | Heptachlor epoxide (isomer B) | 1024-57-3  | 14448800   | 99%    | 200.1 µg/mL                 | +/- 8.9754                             |
| 8             | trans-Chlordane               | 5103-74-2  | 32943      | 98%    | 199.9 µg/mL                 | +/- 8.9696                             |
| 9             | cis-Chlordane                 | 5103-71-9  | 31766      | 98%    | 200.1 µg/mL                 | +/- 8.9762                             |
| 10            | Endosulfan I                  | 959-98-8   | BCCF4060   | 99%    | 200.1 µg/mL                 | +/- 8.9754                             |
| 11            | 4,4'-DDE                      | 72-55-9    | GHYQG      | 99%    | 200.1 µg/mL                 | +/- 8.9777                             |
| 12            | Dieldrin                      | 60-57-1    | 11129900   | 98%    | 200.0 µg/mL                 | +/- 8.9718                             |
| 13            | Endrin                        | 72-20-8    | 14123200   | 98%    | 199.9 µg/mL                 | +/- 8.9696                             |
| 14            | 4,4'-DDD                      | 72-54-8    | HAN02      | 99%    | 200.1 µg/mL                 | +/- 8.9777                             |
| 15            | Endosulfan II                 | 33213-65-9 | 14374700   | 99%    | 200.0 µg/mL                 | +/- 8.9732                             |
| 16            | 4,4'-DDT                      | 50-29-3    | 230410JLMA | 98%    | 200.0 µg/mL                 | +/- 8.9718                             |

|    |                    |            |            |     |       |       |            |
|----|--------------------|------------|------------|-----|-------|-------|------------|
| 17 | Endrin aldehyde    | 7421-93-4  | 30720      | 98% | 200.1 | µg/mL | +/- 8.9784 |
| 18 | Endosulfan sulfate | 1031-07-8  | BCCH9010   | 99% | 200.0 | µg/mL | +/- 8.9732 |
| 19 | Methoxychlor       | 72-43-5    | 13668200   | 99% | 200.1 | µg/mL | +/- 8.9777 |
| 20 | Endrin ketone      | 53494-70-5 | 1-ABS-16-7 | 98% | 200.0 | µg/mL | +/- 8.9740 |

\* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** Hexane/Toluene (50:50)  
**CAS #** 110-54-3/108-88-3  
**Purity** 99%

P13039  
 ↓  
 P13043  
 5  
 1  
 JAW  
 12/26/23

## Quality Confirmation Test

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

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

**Temp. Program:**  
 150°C to 300°C  
 @ 4°C/min. (hold 5 min.)

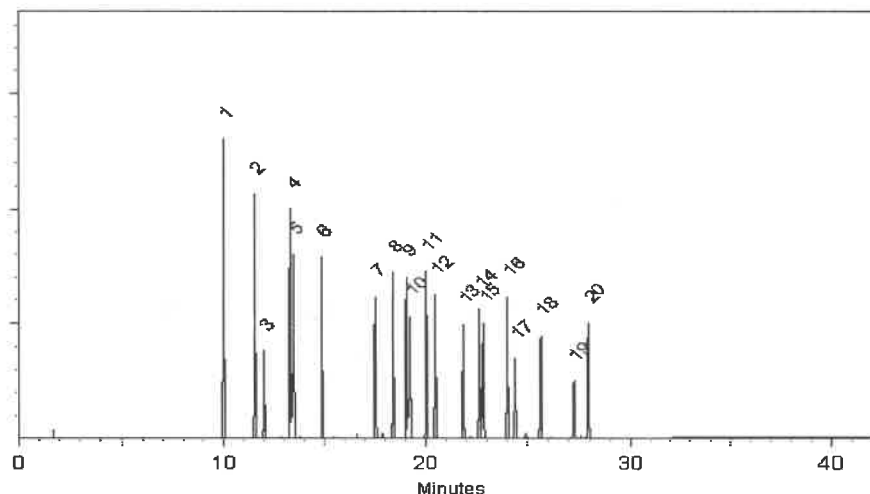
**Inj. Temp:**  
 200°C

**Det. Temp:**  
 300°C

**Det. Type:**  
 ECD

**Split Vent:**  
 Split ratio 50:1

**Inj. Vol**  
 1µl



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

*Josh McCloskey*  
 Josh McCloskey - Operations Technician I

**Date Mixed:** 19-Jun-2023

**Balance Serial #** 1128360905

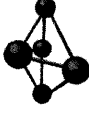
*Jennifer Pollino*  
 Jennifer Pollino - Operations Tech III - ARM QC

**Date Passed:** 23-Jun-2023

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



**Certified Reference Material CRM**



**CERTIFIED WEIGHT REPORT**

**Part Number:**  
**Lot Number:**  
**Description:**

**79136**  
**102821**  
**Mirex**

**Solvent(s):**  
**Lot#**  
**Acetone** **81025**

**Expiration Date:**  
**Recommended Storage:**  
**Nominal Concentration (µg/mL):**  
**NIST Test ID#:**

**102826**  
**Refrigerate (4 °C)**  
**1000**  
**6UTB**

**5E-05** **Balance Uncertainty**  
**0.006** **Flask Uncertainty**

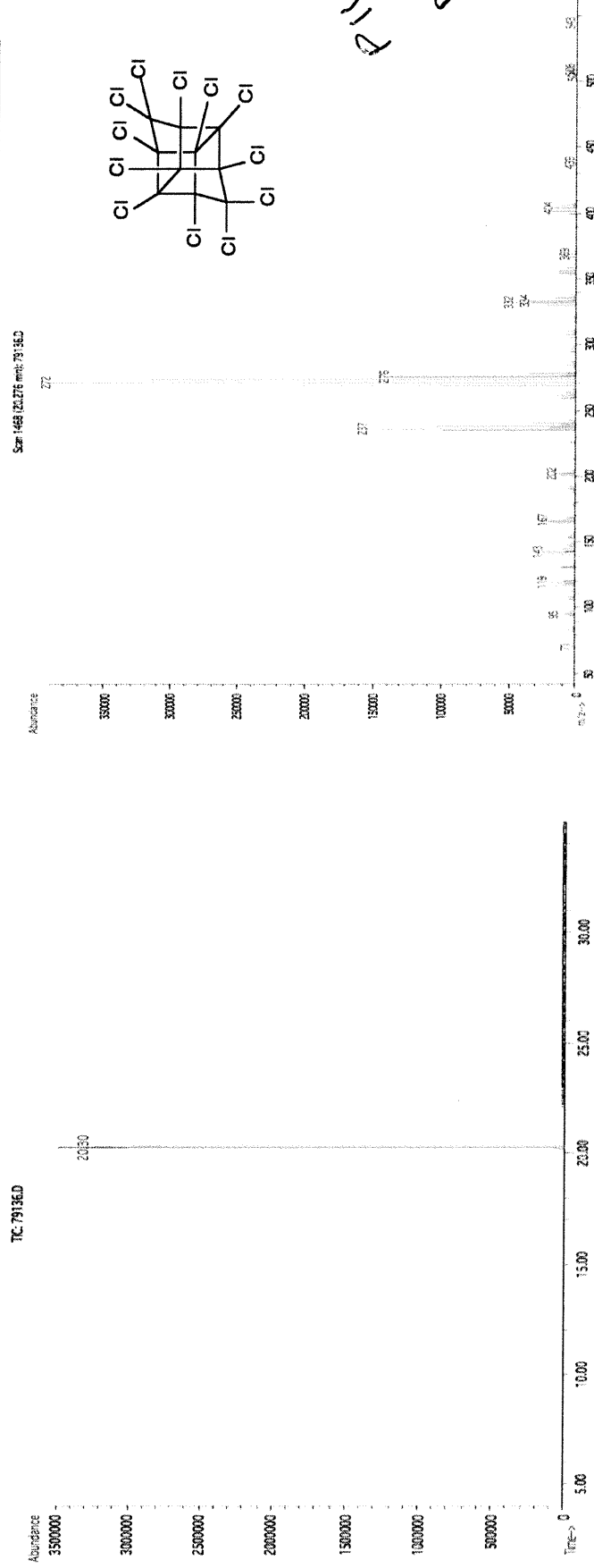
**Weight(s) shown below were combined and diluted to (mL):**

**50.0**

| Compound | RM# | Lot Number | Nominal Conc (µg/mL) | Purity (%) | Uncertainty | Target Weight (g) | Actual Weight (g) | Actual Conc (µg/mL) | Expanded SDS Information  |                                        |                      |
|----------|-----|------------|----------------------|------------|-------------|-------------------|-------------------|---------------------|---------------------------|----------------------------------------|----------------------|
|          |     |            |                      |            |             |                   |                   |                     | Uncertainty (+/-) (µg/mL) | (Solvent Safety Info. On Attached pg.) | (SHA PEL (TWA) LD50) |

|          |     |         |      |      |     |         |         |        |      |           |     |                  |
|----------|-----|---------|------|------|-----|---------|---------|--------|------|-----------|-----|------------------|
| 1. Mirex | 437 | 9492400 | 1000 | 99.4 | 0.5 | 0.05034 | 0.05039 | 1000.9 | 10.3 | 2385-85-5 | N/A | orl-rat 306mg/kg |
|----------|-----|---------|------|------|-----|---------|---------|--------|------|-----------|-----|------------------|

**Method GC7MSD-1.M:** Column: SPB-608 (30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 150°C (4min.), Temp 2 = 290°C (13.5 min.), Rate = 8°C/min., Injector B = 200°C, Detector B = 290°C. Split Ratio = 100:1, Scan Rate = 2. Analysis performed by Candice Warren.



- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).



110 Benner Circle  
Bellefonte, PA 16823-8812  
Tel: 1-814-353-1300  
Fax: 1-814-353-1309

www.restek.com

## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

chromatographic plus



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

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

**Catalog No. :** 32291 **Lot No.:** A0200423

**Description :** Organochlorine Pesticide Mix AB #1  
Organochlorine Pesticide Mix AB #1 200µg/mL, Hexane/Toluene(50:50), 1mL/ampul

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

**Expiration Date :** July 31, 2027 **Storage:** 10°C or colder

**Ship:** Ambient

P 13034  
↓  
P 13038  
12.26.2023

### CERTIFIED VALUES

| Elution Order | Compound                      | CAS #      | Lot #      | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---------------|-------------------------------|------------|------------|--------|-----------------------------|----------------------------------------|
| 1             | alpha-BHC                     | 319-84-6   | 14434500   | 99%    | 200.5 µg/mL                 | +/- 8.9956                             |
| 2             | gamma-BHC (Lindane)           | 58-89-9    | 14184400   | 98%    | 199.9 µg/mL                 | +/- 8.9696                             |
| 3             | beta-BHC                      | 319-85-7   | BCCC6425   | 99%    | 200.0 µg/mL                 | +/- 8.9732                             |
| 4             | delta-BHC                     | 319-86-8   | 14450800   | 98%    | 199.9 µg/mL                 | +/- 8.9696                             |
| 5             | Heptachlor                    | 76-44-8    | 813251     | 99%    | 202.0 µg/mL                 | +/- 9.0629                             |
| 6             | Aldrin                        | 309-00-2   | 14389400   | 98%    | 200.9 µg/mL                 | +/- 9.0136                             |
| 7             | Heptachlor epoxide (isomer B) | 1024-57-3  | 14448800   | 99%    | 200.0 µg/mL                 | +/- 8.9732                             |
| 8             | trans-Chlordane               | 5103-74-2  | 34616      | 99%    | 200.5 µg/mL                 | +/- 8.9956                             |
| 9             | cis-Chlordane                 | 5103-71-9  | 31766      | 98%    | 201.4 µg/mL                 | +/- 9.0356                             |
| 10            | Endosulfan I                  | 959-98-8   | BCCF4060   | 99%    | 200.0 µg/mL                 | +/- 8.9732                             |
| 11            | 4,4'-DDE                      | 72-55-9    | GHYQG      | 99%    | 201.5 µg/mL                 | +/- 9.0405                             |
| 12            | Dieldrin                      | 60-57-1    | 14515000   | 98%    | 199.9 µg/mL                 | +/- 8.9696                             |
| 13            | Endrin                        | 72-20-8    | 14485300   | 98%    | 200.4 µg/mL                 | +/- 8.9916                             |
| 14            | 4,4'-DDD                      | 72-54-8    | HAN02      | 99%    | 200.5 µg/mL                 | +/- 8.9956                             |
| 15            | Endosulfan II                 | 33213-65-9 | 14374700   | 99%    | 200.0 µg/mL                 | +/- 8.9732                             |
| 16            | 4,4'-DDT                      | 50-29-3    | 230410JLMA | 98%    | 201.9 µg/mL                 | +/- 9.0575                             |

|    |                    |            |          |     |             |            |
|----|--------------------|------------|----------|-----|-------------|------------|
| 17 | Endrin aldehyde    | 7421-93-4  | 30720    | 98% | 201.4 µg/mL | +/- 9.0356 |
| 18 | Endosulfan sulfate | 1031-07-8  | BCCH9010 | 99% | 200.5 µg/mL | +/- 8.9956 |
| 19 | Methoxychlor       | 72-43-5    | 14563200 | 98% | 200.9 µg/mL | +/- 9.0136 |
| 20 | Endrin ketone      | 53494-70-5 | 14537700 | 98% | 199.9 µg/mL | +/- 8.9696 |

\* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** Hexane/Toluene (50:50)  
**CAS #** 110-54-3/108-88-3  
**Purity** 99%

P13034  
P13038  
1  
5  
12/26/2023

## Quality Confirmation Test

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

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

**Temp. Program:**  
150°C to 300°C  
@ 4°C/min. ( hold 5 min.)

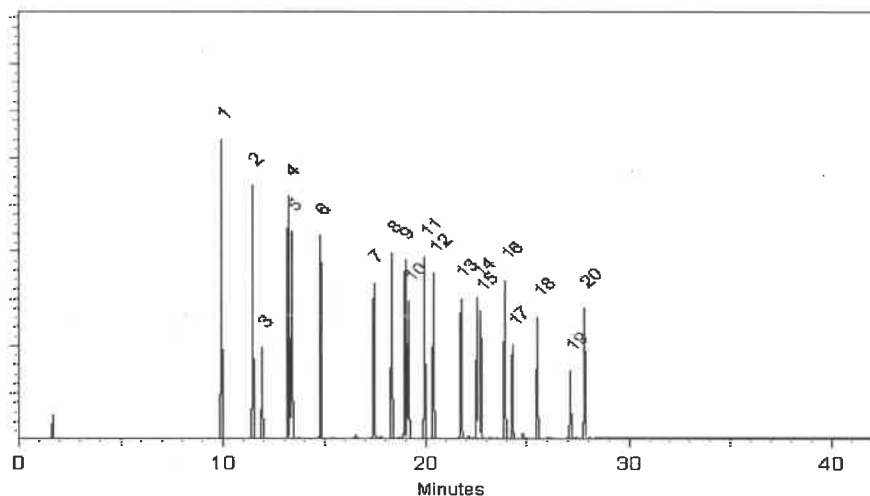
**Inj. Temp:**  
200°C

**Det. Temp:**  
300°C

**Det. Type:**  
ECD

**Split Vent:**  
Split ratio 50:1

**Inj. Vol**  
1µl



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

*Sam Moodler*  
Sam Moodler - Operations Tech I

**Date Mixed:** 31-Jul-2023

**Balance Serial #** B442140311

*Jennifer Pollino*  
Jennifer Pollino - Operations Tech III - ARM QC

**Date Passed:** 03-Aug-2023

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



**CERTIFIED WEIGHT REPORT**

Part Number:  
Lot Number:  
Description:

**19161**  
**013124**

CLP Pesticides & PCBs Resolution Check Standard

9 components

Solvent(s):

Lot#

Expiration Date:

013129

Hexane

273615

Recommended Storage:

Refrigerate (4 °C)

Toluene

28508

(50%)  
(50%)

Nominal Concentration (µg/mL):

Varied

NIST Test ID#:

6UTB

5E-05

Balance Uncertainty  
Pipet Uncertainty

Volume(s) shown below were combined and diluted to (mL):

100.0

0.021

|                                      |  |        |
|--------------------------------------|--|--------|
| Formulated By: <i>Lawrence Barry</i> |  | 013124 |
| Reviewed By: <i>Pedro L. Rentes</i>  |  | 013124 |
| DATE                                 |  | DATE   |

| Compound | Part Number | Lot Number | Dil. Factor | Initial Vol. (mL) | Uncertainty (mL) | Initial Conc. (µg/mL) | Final Conc. (µg/mL) | Expanded Uncertainty (±) µg/mL | (Solvent Safety Info. On Attached pg.) | SDS Information | LD50 |
|----------|-------------|------------|-------------|-------------------|------------------|-----------------------|---------------------|--------------------------------|----------------------------------------|-----------------|------|
|----------|-------------|------------|-------------|-------------------|------------------|-----------------------|---------------------|--------------------------------|----------------------------------------|-----------------|------|

|                                 |       |        |       |      |       |        |      |      |            |                  |                   |
|---------------------------------|-------|--------|-------|------|-------|--------|------|------|------------|------------------|-------------------|
| 1. trans-Chlordane              | 19361 | 013124 | 0.010 | 1.00 | 0.004 | 101.3  | 1.0  | 0.02 | 5103-74-2  | 0.5mg/m3 (skin)  | or-rat 500mg/kg   |
| 2. Endosulfan I                 | 19361 | 013124 | 0.010 | 1.00 | 0.004 | 101.3  | 1.0  | 0.02 | 959-98-8   | 0.1mg/m3 (skin)  | or-rat 18mg/kg    |
| 3. 4,4'-DDE                     | 19361 | 013124 | 0.010 | 1.00 | 0.004 | 201.6  | 2.0  | 0.03 | 72-55-9    | N/A              | or-rat 880mg/kg   |
| 4. Dieldrin                     | 19361 | 013124 | 0.010 | 1.00 | 0.004 | 202.8  | 2.0  | 0.03 | 60-57-1    | 0.25mg/m3 (skin) | or-rat 36300µg/kg |
| 5. Endosulfan sulfate           | 19361 | 013124 | 0.010 | 1.00 | 0.004 | 204.2  | 2.0  | 0.03 | 1031-07-8  | N/A              | or-rat 18mg/kg    |
| 6. Endrin ketone                | 19361 | 013124 | 0.010 | 1.00 | 0.004 | 202.6  | 2.0  | 0.03 | 53494-70-5 | N/A              | N/A               |
| 7. 4,4-Methoxychlor             | 19361 | 013124 | 0.010 | 1.00 | 0.004 | 1000.7 | 10.0 | 0.09 | 72-43-5    | 10mg/m3          | or-rat 6000mg/kg  |
| 8. 2,4,5,6-Tetrachloro-m-xylene | 19361 | 013124 | 0.010 | 1.00 | 0.004 | 202.6  | 2.0  | 0.03 | 877-09-8   | N/A              | N/A               |
| 9. Decachlorobiphenyl (209)     | 19361 | 013124 | 0.010 | 1.00 | 0.004 | 202.0  | 2.0  | 0.03 | 2051-24-3  | N/A              | N/A               |

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Fax: 1-814-353-1309

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## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

chromatographic plus



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

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

**Catalog No. :** 32000 **Lot No.:** A0206810

**Description :** Pesticide Surrogate Mix  
Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

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

**Expiration Date :** April 30, 2030 **Storage:** 10°C or colder

**Handling:** Contains PCBs - sonicate prior to use. **Ship:** Ambient

P13348  
↓  
P13357  
10  
DAUF  
04/25/2024

### CERTIFIED VALUES

| Elution Order | Compound                     | CAS #     | Lot #    | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---------------|------------------------------|-----------|----------|--------|-----------------------------|----------------------------------------|
| 1             | 2,4,5,6-Tetrachloro-m-xylene | 877-09-8  | RP220407 | 99%    | 200.3 µg/mL                 | +/- 11.1143                            |
| 2             | Decachlorobiphenyl (BZ# 209) | 2051-24-3 | 30638    | 99%    | 200.6 µg/mL                 | +/- 11.1298                            |

\* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** Acetone  
**CAS #** 67-64-1  
**Purity** 99%

### Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

## Quality Confirmation Test

**Column:**

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

**Carrier Gas:**

helium-constant pressure 20 psi.

**Temp. Program:**

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

**Inj. Temp:**

250°C

**Det. Temp:**

300°C

**Det. Type:**

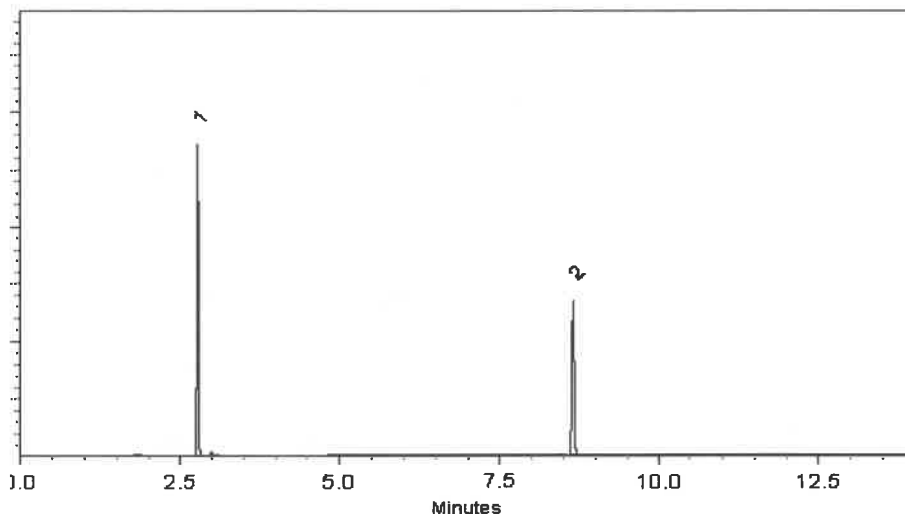
ECD

**Split Vent:**

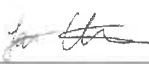
10 ml/min.

**Inj. Vol**

1µl

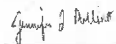


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

  
Laith Clemente - Operations Technician I

Date Mixed: 22-Jan-2024

Balance Serial # 1128360905

  
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Jan-2024

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

P 13348  
↓  
P 13357  
SAUF  
04/25/2025



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## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

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

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

**Catalog No. :** 32000 **Lot No.:** A0206810

**Description :** Pesticide Surrogate Mix  
Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

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

**Expiration Date :** April 30, 2030 **Storage:** 10°C or colder

**Handling:** Contains PCBs - sonicate prior to use. **Ship:** Ambient

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DAUF  
04/25/2024

### CERTIFIED VALUES

| Elution Order | Compound                     | CAS #     | Lot #    | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---------------|------------------------------|-----------|----------|--------|-----------------------------|----------------------------------------|
| 1             | 2,4,5,6-Tetrachloro-m-xylene | 877-09-8  | RP220407 | 99%    | 200.3 µg/mL                 | +/- 11.1143                            |
| 2             | Decachlorobiphenyl (BZ# 209) | 2051-24-3 | 30638    | 99%    | 200.6 µg/mL                 | +/- 11.1298                            |

\* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** Acetone  
**CAS #** 67-64-1  
**Purity** 99%

### Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

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## Quality Confirmation Test

**Column:**

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

**Carrier Gas:**

helium-constant pressure 20 psi.

**Temp. Program:**

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

**Inj. Temp:**

250°C

**Det. Temp:**

300°C

**Det. Type:**

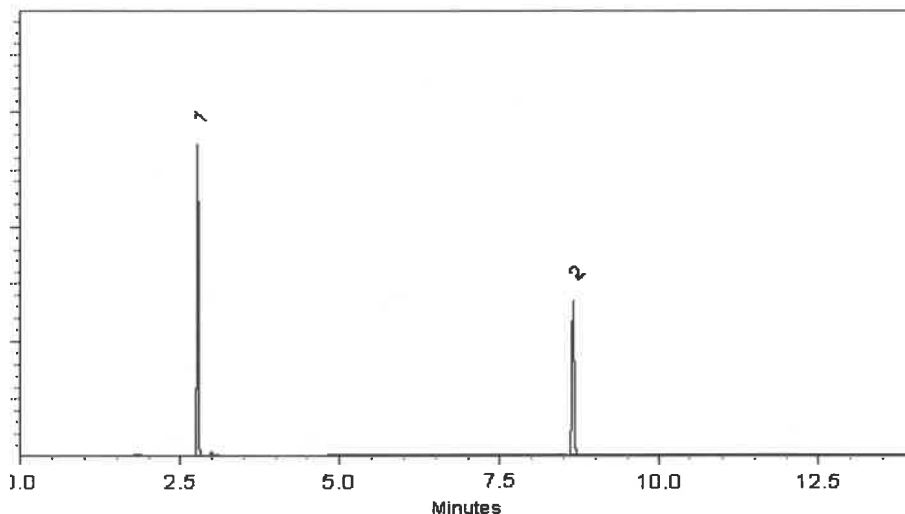
ECD

**Split Vent:**

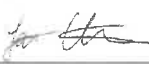
10 ml/min.

**Inj. Vol**

1µl

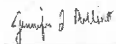


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

  
Laith Clemente - Operations Technician I

Date Mixed: 22-Jan-2024

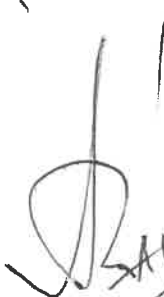
Balance Serial # 1128360905

  
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Jan-2024

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

P 13348  
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04/25/2025



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## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

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

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

**Catalog No. :** 32000 **Lot No.:** A0206810

**Description :** Pesticide Surrogate Mix  
Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

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

**Expiration Date :** April 30, 2030 **Storage:** 10°C or colder

**Handling:** Contains PCBs - sonicate prior to use. **Ship:** Ambient

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DAUF  
04/25/2024

### CERTIFIED VALUES

| Elution Order | Compound                     | CAS #     | Lot #    | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---------------|------------------------------|-----------|----------|--------|-----------------------------|----------------------------------------|
| 1             | 2,4,5,6-Tetrachloro-m-xylene | 877-09-8  | RP220407 | 99%    | 200.3 µg/mL                 | +/- 11.1143                            |
| 2             | Decachlorobiphenyl (BZ# 209) | 2051-24-3 | 30638    | 99%    | 200.6 µg/mL                 | +/- 11.1298                            |

\* Expanded Uncertainty displayed in same units as Grav. Conc.

**Solvent:** Acetone  
**CAS #** 67-64-1  
**Purity** 99%

### Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

# Quality Confirmation Test

**Column:**

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

**Carrier Gas:**

helium-constant pressure 20 psi.

**Temp. Program:**

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

**Inj. Temp:**

250°C

**Det. Temp:**

300°C

**Det. Type:**

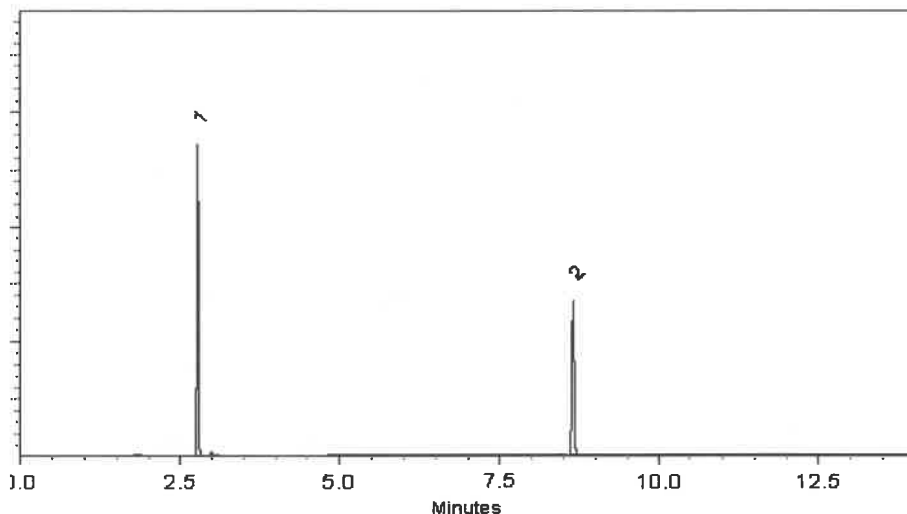
ECD

**Split Vent:**

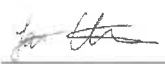
10 ml/min.

**Inj. Vol**

1µl

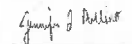


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

  
Laith Clemente - Operations Technician I

Date Mixed: 22-Jan-2024

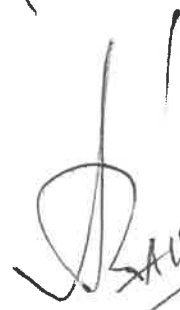
Balance Serial # 1128360905

  
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Jan-2024

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

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04/25/2025



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CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

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

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

**Catalog No. :** 32005 **Lot No.:** A0203038

**Description :** Toxaphene Standard

Toxaphene Standard 1000 µg/mL, Hexane, 1mL/ampul

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

**Expiration Date :** January 31, 2028 **Storage:** 10°C or colder

**Ship:** Ambient

## CERTIFIED VALUES

| Elution Order | Compound  | CAS #     | Lot #   | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---------------|-----------|-----------|---------|--------|-----------------------------|----------------------------------------|
| 1             | Toxaphene | 8001-35-2 | 1051817 | ----%  | 1,009.0 µg/mL               | +/- 55.9920                            |

\* Expanded Uncertainty displayed in same units as Grav. Conc.

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

P 13358  
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P 13369  
(12)

*[Signature]*  
05-06-2024



## Quality Confirmation Test

**Column:**

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

**Carrier Gas:**

helium-constant pressure 20 psi.

**Temp. Program:**

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

**Inj. Temp:**

250°C

**Det. Temp:**

300°C

**Det. Type:**

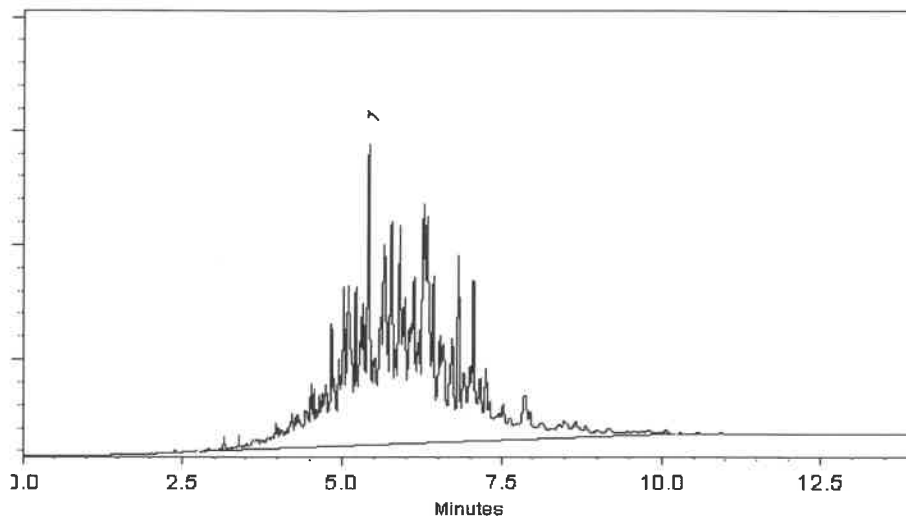
ECD

**Split Vent:**

300 ml/min.

**Inj. Vol**

0.2µl



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

  
Dakota Parson - Operations Technician I

Date Mixed: 10-Oct-2023

Balance Serial # 1128353505

  
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 16-Oct-2023

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

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05-06-2024





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## CERTIFIED REFERENCE MATERIAL

# Certificate of Analysis

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

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

**Catalog No. :** 32005 **Lot No.:** A0203038

**Description :** Toxaphene Standard  
Toxaphene Standard 1000 µg/mL, Hexane, 1mL/ampul

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

**Expiration Date :** January 31, 2028 **Storage:** 10°C or colder  
**Ship:** Ambient

P13402  
P13406  
5/22/2024

### CERTIFIED VALUES

| Elution Order | Compound  | CAS #     | Lot #   | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|---------------|-----------|-----------|---------|--------|-----------------------------|----------------------------------------|
| 1             | Toxaphene | 8001-35-2 | 1051817 | ---%   | 1,009.0 µg/mL               | +/- 55.9920                            |

\* Expanded Uncertainty displayed in same units as Grav. Conc.

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

## Quality Confirmation Test

**Column:**

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

**Carrier Gas:**

helium-constant pressure 20 psi.

**Temp. Program:**

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

**Inj. Temp:**

250°C

**Det. Temp:**

300°C

**Det. Type:**

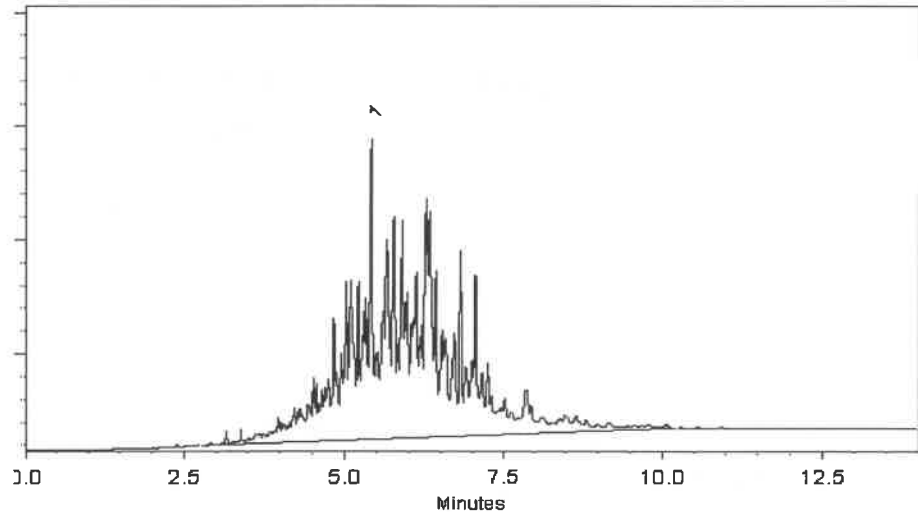
ECD

**Split Vent:**

300 ml/min.

**Inj. Vol**

0.2µl

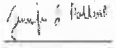


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

  
Dakota Parson - Operations Technician I

Date Mixed: 10-Oct-2023

Balance Serial # 1128353505

  
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 16-Oct-2023

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

P13402  
↓  
P13406 } (5)  
  
5/22/2024



# SHIPPING DOCUMENTS



284 Sheffield Street, Mountainside, NJ 07092

(908) 789-8900 Fax: (908) 788-9222

www.chemtech.net

## CHAIN OF CUSTODY RECORD

Alliance Project Number:

P4799

COC Number: 2042103

Page 1 of 2

## CLIENT INFORMATION

COMPANY: ENTACT, LLC

ADDRESS: 150 Bay Street, Suite 806

CITY: Jersey City STATE: NJ ZIP: 07302

ATTENTION: Jarod Stanfield

PHONE: 570-886-0442

FAX:

## PROJECT INFORMATION

PROJECT NAME: 540 Degraw St Brooklyn, NY

PROJECT #: E9309 LOCATION: Brooklyn, NY

PROJECT MANAGER: Jarod Stanfield

E-MAIL: jstanfield@entact.com

PHONE: 570-886-0442

FAX:

## DATA TURNAROUND INFORMATION

FAX: 5 DAYS\*

HARD COPY: DAYS\*

EDD 5 DAYS\*

\* TO BE APPROVED BY ALLIANCE

STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

## DATA DELIVERABLE INFORMATION

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

## BILLING INFORMATION

BILL TO: ENTACT, LLC

PO# E9309

ADDRESS: 999 Oakmont Plaza Drive, Suite 300

CITY: Westmont

STATE: IL ZIP: 60559

ATTENTION: Wendy Murray

PHONE: 800-936-8228

## ANALYSIS

| TCLP VOCs | TCLP ICP Metals | TCLP Herb | TCLP Pest | TCLP SVOCs | TCLP pH | I/C/R | PCBs | Oil & Grease |
|-----------|-----------------|-----------|-----------|------------|---------|-------|------|--------------|
| 1         | 2               | 3         | 4         | 5          | 6       | 7     | 8    | 9            |

## PRESERVATIVES

## COMMENTS

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

| CHEMTECH<br>SAMPLE<br>ID | PROJECT<br>SAMPLE IDENTIFICATION | SAMPLE<br>MATRIX | SAMPLE<br>TYPE |      | SAMPLE<br>COLLECTION |       | # of Bottles |   |   |   |   |   |   |   |   |   |
|--------------------------|----------------------------------|------------------|----------------|------|----------------------|-------|--------------|---|---|---|---|---|---|---|---|---|
|                          |                                  |                  | COMP           | GRAB | DATE                 | TIME  |              | E | E | E | E | E | E | E | E | E |
| 1.                       | WC-TA2-02-G                      | Soil             |                | X    | 11/8                 | 13:00 | 1            | X |   |   |   |   |   |   |   |   |
| 2.                       | WC-TA2-02-C                      | Soil             | X              |      | 10/30                | 13:00 | 11           |   | X | X | X | X | X | X | X | X |
| 3.                       | WC-TA2-03-G                      | Soil             |                | X    | 11/8                 | 13:00 | 1            | X |   |   |   |   |   |   |   |   |
| 4.                       | WC-TA2-03-C                      | Soil             | X              |      | 11/1                 | 13:00 | 11           |   | X | X | X | X | X | X | X | X |
| 5.                       | WC-TA1-01-G                      | Soil             |                | X    | 11/8                 | 13:00 | 1            | X |   |   |   |   |   |   |   |   |
| 6.                       | WC-TA1-01-C                      | Soil             | X              |      | 11/4                 | 13:00 | 11           |   | X | X | X | X | X | X | X | X |
| 7.                       | WC-TA1-02-G                      | Soil             |                | X    | 11/8                 | 13:00 | 1            | X |   |   |   |   |   |   |   |   |
| 8.                       | WC-TA1-02-C                      | Soil             | X              |      | 11/5                 | 13:00 | 11           |   | X | X | X | X | X | X | X | X |
| 9.                       | WC-TA1-03-G                      | Soil             |                | X    | 11/8                 | 13:00 | 1            | X |   |   |   |   |   |   |   |   |
| 10.                      | WC-TA1-03-C                      | Soil             | X              |      | 11/6                 | 13:00 | 11           |   | X | X | X | X | X | X | X | X |

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

|                                               |                         |                           |                                                                                                                                                                                                                                                                                                  |
|-----------------------------------------------|-------------------------|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RELINQUISHED BY SAMPLER<br>1. Jarod Stanfield | DATE/TIME<br>11/5 14:30 | RECEIVED BY<br>1.         | Conditions of bottles or coolers at receipt: <input type="checkbox"/> Compliant <input type="checkbox"/> Non Compliant <input type="checkbox"/> Cooler Temp <u>15.4°</u><br><input type="checkbox"/> Ice in Cooler?: <u>          </u>                                                           |
| RELINQUISHED BY<br>2.                         | DATE/TIME               | RECEIVED BY<br>2.         | Comments:                                                                                                                                                                                                                                                                                        |
| RELINQUISHED BY<br>3.                         | DATE/TIME               | RECEIVED FOR LAB BY<br>3. | Page <u>1</u> of <u>2</u><br>SHIPPED VIA: CLIENT: <input type="checkbox"/> Hand Delivered <input type="checkbox"/> Overnight<br>ALLIANCE: <input type="checkbox"/> Picked Up <input type="checkbox"/> Overnight<br>Shipment Complete<br><input type="checkbox"/> YES <input type="checkbox"/> NO |

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT

YELLOW - ALLIANCE COPY

PINK - SAMPLER COPY



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## CHAIN OF CUSTODY RECORD

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P4799

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Page 2 of 2

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CITY Jersey City STATE: NJ ZIP: 07302

ATTENTION: Jarod Stanfield

PHONE: 570-886-0442

FAX:

## PROJECT INFORMATION

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PROJECT #: E9309 LOCATION: Brooklyn, NY

PROJECT MANAGER: Jarod Stanfield

E-MAIL: jstanfield@entact.com

PHONE: 570-886-0442

FAX:

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BILL TO: ENTACT, LLC

PO# E9309

ADDRESS: 999 Oakmont Plaza Drive, Suite 300

CITY: Westmont

STATE: IL ZIP: 60559

ATTENTION: Wendy Murray

PHONE: 800-936-8228

## ANALYSIS

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

## DATA TURNAROUND INFORMATION

FAX: 5 DAYS\*

HARD COPY: DAYS\*

EDD 5 DAYS\*

\* TO BE APPROVED BY ALLIANCE

STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

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

## PRESERVATIVES

## COMMENTS

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

| CHEMTECH<br>SAMPLE<br>ID | PROJECT<br>SAMPLE IDENTIFICATION | SAMPLE<br>MATRIX | SAMPLE<br>TYPE |      | SAMPLE<br>COLLECTION |       | # of Bottles | E | E | E | E | E | E |   |   |   |
|--------------------------|----------------------------------|------------------|----------------|------|----------------------|-------|--------------|---|---|---|---|---|---|---|---|---|
|                          |                                  |                  | COMP           | GRAB | DATE                 | TIME  |              | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 1.                       | WC-TA2-02-G                      | Soil             |                | X    | 11/8                 | 13:00 | 1            |   |   |   |   |   |   |   |   |   |
| 2.                       | WC-TA2-02-C                      | Soil             | X              |      | 10/30                | 13:00 | 11           | X | X | X | X | X | X | X |   |   |
| 3.                       | WC-TA2-03-G                      | Soil             |                | X    | 11/8                 | 13:00 | 1            |   |   |   |   |   |   |   |   |   |
| 4.                       | WC-TA2-03-C                      | Soil             | X              |      | 11/1                 | 13:00 | 11           | X | X | X | X | X | X | X |   |   |
| 5.                       | WC-TA1-01-G                      | Soil             |                | X    | 11/8                 | 13:00 | 1            |   |   |   |   |   |   |   |   |   |
| 6.                       | WC-TA1-01-C                      | Soil             | X              |      | 11/4                 | 13:00 | 11           | X | X | X | X | X | X | X |   |   |
| 7.                       | WC-TA1-02-G                      | Soil             |                | X    | 11/8                 | 13:00 | 1            |   |   |   |   |   |   |   |   |   |
| 8.                       | WC-TA1-02-C                      | Soil             | X              |      | 11/5                 | 13:00 | 11           | X | X | X | X | X | X | X |   |   |
| 9.                       | WC-TA1-03-G                      | Soil             |                | X    | 11/8                 | 13:00 | 1            |   |   |   |   |   |   |   |   |   |
| 10.                      | WC-TA1-03-C                      | Soil             | X              |      | 11/6                 | 13:00 | 11           | X | X | X | X | X | X | X |   |   |

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

|                                               |                         |                           |                                                                                                                                                                                                                            |
|-----------------------------------------------|-------------------------|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RELINQUISHED BY SAMPLER<br>1. Jarod Stanfield | DATE/TIME<br>11/5 14:30 | RECEIVED BY<br>1.         | Conditions of bottles or coolers at receipt: <input type="checkbox"/> Compliant <input type="checkbox"/> Non Compliant <input type="checkbox"/> Cooler Temp <u>15.4C</u><br><input type="checkbox"/> Ice in Cooler?: _____ |
| RELINQUISHED BY<br>2.                         | DATE/TIME               | RECEIVED BY<br>2.         | Comments:                                                                                                                                                                                                                  |
| RELINQUISHED BY<br>3.                         | DATE/TIME               | RECEIVED FOR LAB BY<br>3. |                                                                                                                                                                                                                            |
| Page <u>2</u> of <u>2</u>                     |                         |                           | SHIPPED VIA: CLIENT: <input type="checkbox"/> Hand Delivered <input type="checkbox"/> Overnight<br>ALLIANCE: <input type="checkbox"/> Picked Up <input type="checkbox"/> Overnight                                         |
|                                               |                         |                           | Shipment Complete<br><input type="checkbox"/> YES <input type="checkbox"/> NO                                                                                                                                              |

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT

YELLOW - ALLIANCE COPY

PINK - SAMPLER COPY



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

### Laboratory Certification

| Certified By         | License No.      |
|----------------------|------------------|
|                      |                  |
| CAS EPA CLP Contract | 68HERH20D0011    |
|                      |                  |
| Connecticut          | PH-0830          |
|                      |                  |
| DOD ELAP (ANAB)      | L2219            |
|                      |                  |
| Maine                | 2024021          |
|                      |                  |
| Maryland             | 296              |
|                      |                  |
| New Hampshire        | 255424 Rev 1     |
|                      |                  |
| New Jersey           | 20012            |
|                      |                  |
| New York             | 11376            |
|                      |                  |
| Pennsylvania         | 68-00548         |
|                      |                  |
| Soil Permit          | 525-24-234-08441 |
|                      |                  |
| Texas                | T104704488       |